

89th
ANNUAL REPORT
2011-2012

PART - I



UNIVERSITY OF DELHI

26th September, 2012

PREFACE

I am happy to present the 89th Annual Report of the University of Delhi for the year ending 31st March, 2012. The Report consists of two parts. Part-I contains the information about University's general infrastructure including Faculties, Departments, Centres and Colleges while Part-II carries Information and Data. The Editorial Board, which prepared this Report, comprised of the following members:-

- | | |
|-------------------------------|--|
| 1. Prof. Malashri Lal | Chairperson |
| 2. Prof. Ashok Vohara | Department of Philosophy |
| 3. Prof. Ramesh Gautam | Department of Hindi |
| 4. Prof. Rajeeva Verma | Adviser, Institute of Life Long Learning |
| 5. Prof. S.C. Bhatla | Dean, Faculty of Science |
| 6. Prof. Ajay Kumar | Dean, Research |
| 7. Dr. Ira Raja | Department of English |
| 8. Registrar | University of Delhi |
| 9. Deputy Registrar (Council) | University of Delhi |

The Report presents the highlights of the activities and achievements of the University of Delhi during the academic year 2011-2012.



DINESH SINGH
Vice-Chancellor

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ACHIEVEMENTS OF THE YEAR

Academic

It gives me pleasure and satisfaction to report that the University of Delhi has, in keeping with its traditions and growth, moved from strength to strength. This is reflected in the achievements and signposts established by the University during the past one year. I wish to present to you a brief overview of the many noteworthy achievements of the academic year 2011-2012.

Though, what I am about to mention does not pertain strictly to the period just named, it is based to a large extent on the achievements of the year gone by and hence I would like to mention with your permission and at the very outset that the University of Delhi has maintained its number One rank in the list of Indian universities in the most recent list of rankings released by the India Today-Nielsen survey of Indian universities. This is a tribute to the inherent strengths in the systems and institutions of the University of Delhi and reflects the caliber of our students, faculty, administrative and support staff and infrastructure.

The syllabi of several courses have been revised and implemented from the Academic Session 2011-2012. Further the University has introduced the following new courses, namely:

- (i) B.Tech./B.S. Innovation with Mathematics and IT
- (ii) Master of Portuguese Studies
- (iii) M.B.A.-Executive and MBA Executive (Health Care Administration) (Evening Programmes)

With a strong emphasis on initiating educational reform and setting trends at national and international levels, the University of Delhi has created several programmes for integrated learning:

Cluster Innovation Centre (CIC)

The University's flag ship programme, Cluster Innovation Centre (CIC), leads in a constant search for improving academic standards. The course "B.Tech./BS Innovation with Mathematics & IT" was introduced in 2011 and the "B.Tech. Humanities" in five streams (Journalism, Education, Historical Tourism, Art & Design, and Counselling) is offered in 2012 through the Meta-College concept. Another significant initiative is the Meta-University concept where Delhi University will collaborate in resource sharing and course development with other Universities and institutions of higher learning, worldwide. The first agreement in India has been signed by Delhi University and Jamia Milia Islamia for a joint degree, "Master of Mathematics Education". Academia and industry linkage for student internships is made possible through a recent MoU with DRDO and ongoing discussions with FICCI, NSDC, and PHD Chamber of Commerce and Industry.

National Knowledge Network (NKN)

To provide higher education to large numbers of students, the University of Delhi is creating and deploying e-resources extensively. The university is part of NKN a high speed, hi tech facility which links its own institutions and places them on the knowledge highway of India. Computers, projectors and laptops have been given to all colleges to enable setting up of technology aided classrooms for interactive teaching. Through the Institute of Life Long Learning, e-material relating to the curriculum is available free of cost. Discussions are in progress with universities in India and abroad for collaborative programmes for the virtual learning environment.

The University Information Centre was inaugurated on 3 March 2012 with dedicated phone lines, email and internet service. It offers a single window information gateway to the University of Delhi (Helpline No. 155215 or 011-27006900 (9:00 am to 5:00 pm), (infocentre@du.ac.in).

Innovation Projects

To encourage and support hands-on research by college teachers, the University has given substantial grants for 113 Innovation Projects conducted by interdepartmental teams of teachers and students. These are interdisciplinary in scope and participation, involving 13 persons to a project along with one Mentor from outside the institution. The outcome of the projects may build prototypes for problem-solving in the community.

Antardhvani 2012 – Delhi University Cultural Festival

The first ever DU Cultural Festival was organised on campus on a grand scale from 2-5 March 2012. Beginning with a spectacular flower show, inaugurated by Chief Minister Mrs. Sheila Dikshit, events in dance, theatre, choreography, and photography were complemented by innovative items such a video making on mobile phones. Exhibitions on '1857. The Uprising', (Alkazi Foundation & Delhi University) and 'Philately' (Deptt. of Post) were also shown. Meant for students in Colleges as well as in Departments, 'Antardhvani 2012' was attended by over 5000 students.

N.C.C. Parade and Programme – 2012

The University of Delhi organized a parade and cultural show on 27 March 2012 by NCC cadets in the honour of Admiral Nirmal Verma, PVSM, AVSM, ADC (Chief of Naval Staff). Almost 500 NCC cadets from 25 colleges drawn from Air, Naval and Army wing participated in this major event. Admiral Verma spoke about inculcating leadership qualities in students through the NCC. He emphasized that NCC is the largest forum of uniformed, motivated students. In a display of skills, the cadets showed combat, fire fighting, first aid and other activities. The Navy band was a welcome presence on campus. The programme was presided over by the Vice-Chancellor.

Remembering Noble Laureate, Rabindranath Tagore

To mark the 150th birth anniversary of Rabindranath Tagore, the University of Delhi held a programme on 24th January featuring Jayati Ghosh's 'Making of Gitanjali' a combination of songs and narration, and readings by Pranab Chakraborty, Minoti Chatterjee and Ruma Ghosh. On 24th April, the eminent dancer Dr. Sonal Mansingh, Padma Vibhushan presented Rabindranath Tagore's depictions of 'Naayika' through lyrics, *abhinaya* and dance.

Student Internship Programme

An internship programme has been introduced on 8 February 2012 for undergraduate and postgraduate students of the university for the first time. During the last months these interns have been associated with the Vice-Chancellor's office and the University Guest House to understand the daily functioning and submit reports.

Exchange programme with Foreign Universities

Around 40 exchange students from various foreign universities are affiliated with departments and colleges of the University of Delhi under the exchange programmes.

Under the UKIERI – SIP, a delegation of 80 students from England headed by the University of Birmingham visited the University of Delhi during September 5-9, 2011.

The University of Delhi sponsored ten undergraduate students to attend "Global Citizenship Programme for Young Leaders" hosted by the University of Melbourne in collaboration with Australia India Institute during October 1-9, 2011. Two teachers also accompanied the students.

Under the Faculty Training Programme 2011, 11 college teachers went to universities in UK to do one year Masters course in the allied areas of their specialization (UBC – 1, Edinburgh – 4, Birmingham – 1, Nottingham – 5).

Five undergraduate science students attended U21 Summer School – "Conflict Resolution" hosted by the University College Dublin, Ireland during July 11 – 19, 2011.

Various foreign delegations visited the office of International Relations to discuss the various possibilities of academic collaboration from China, Japan, South Africa, USA, UK, Australia etc.

University Grants Commission and Research Grants

UGC Grants:

The University Grants Commission has sanctioned the 4th installment of ₹ 5000 Crore for year 2009-2010 for implementation of OBC reservation.

The University Grants Commission has sanctioned SAP for 5 years in the following Departments as per details given below:

<i>S.No.</i>	<i>Department</i>	<i>Period</i>
1.	Linguistics	01 April 2010 to 31 March 2015
2.	Economics	01 April 2010 to 31 March 2015
3.	Physics and Astrophysics	01 April 2010 to 31 March 2015
4.	Political Science	01 April 2010 to 31 March 2015
5.	Geology	01 April 2011 to 31 March 2016

Research Grants:

During the period under report, many faculty members of the University have been sanctioned Research Projects of the value more than Rupees one crore each:

Prof. Anil K. Tyagi: Department of Biochemistry has been sanctioned ₹ 4.84 crores from DBT for the project titled 'A Virtual Centre of Excellence for Co-ordinated Research on Tuberculosis: Development of Alternate Strategies PHASE – II'.

Mr. Arun K. Sharma: Department of Plant Molecular Biology has been sanctioned ₹ 1.89 crore from DBT for the project titled 'Tomato Metablome Network Group – "Transcriptome....folate enhancement"'

Prof. R.C. Kuhad: Department of Microbiology has been sanctioned ₹ 14.84 crores from MNRE for the project titled 'Development of pre treatment strategies and bioprocess for improved production of cellulolytic enzymes and ethanol from crop byproducts for demonstration at pilot plants'.

Prof. Rup Lal: Department of Zoology has been sanctioned ₹ 1.67 crores from DST for the project titled 'Understanding Genom....Dumpsite'.

Mr. Naimuddin: Department of Physics & Astrophysics has been sanctioned ₹ 1.61 crores from DST for the project titled 'R&D....Detector'.

Mr. B.C. Choudhary: Department of Physics & Astrophysics has been sanctioned ₹ 2 crores from DST for the project titled 'Collaboration....Fermilab'.

Mr. Sunil Kr. Sharma: Department of Chemistry has been sanctioned ₹ 1.42 crores from DST for the project titled 'Chemenzymatic applicators'.

The following faculty members have been sanctioned one or more projects of the value more than 10 lacs each:

<i>S.No.</i>	<i>Name</i>	<i>Department</i>
1.	Dr. Kaustuv Datta,	Genetics
2.	Dr. Yogender Pal Khasa,	Microbiology
3.	Mr. Pawan Kumar Jain,	Mathematics
4.	Prof. R.C. Kuhad,	Microbiology
5.	Dr. A. Venkatraman,	Management Studies
6.	Dr. Saurabh Raghuvanshi,	Plant Molecular Biology
7.	Dr. Shikha Rani,	Biophysics
8.	Prof. V.K. Chaudhary,	Biochemistry
9.	Prof. Anil Grover,	Plant Molecular Biology
10.	Prof. B.K. Thelma,	Genetics
11.	Prof. T. Satyanarayana,	Microbiology
12.	Prof. I. Dasgupta,	Plant Molecular Biology
13.	Dr. Tapasaya Srivastava,	Genetics
14.	Dr. Manisha Goel,	Biophysics
15.	Dr. Swati Saha,	Genetics
16.	Prof. M.V. Rajam,	Genetic
17.	Dr. Kuldeep Sharma	Botany
18.	Prof. C.R. Babu	C.E.M.D.E.
19.	Prof. S. Uma	Chemistry
20.	Prof. Amar Kumar	Botany
21.	Prof. Vinay Gupta	Physics & Astrophysics
22.	Dr. Binay Kumar	Physics & Astrophysics
23.	Dr. Amarjeet Kaur	Physics & Astrophysics
24.	Dr. D.B. Sahoo	Botany

In addition to the above mentioned projects as many as 20 projects with a total grant of ₹ 83,54,758/- have been sanctioned to the faculty members of various departments of the University by different funding agencies.

Infrastructure

I. Works:

Since the position of infrastructure for the academic endeavor is critical, the University has been striving hard to resolve the problem of shortage of space by taking up new construction work.

The following construction work has been completed at North Campus:

1. Construction of 250 double seated Rajiv Gandhi Girl's Hostel for Schedule Tribe & North Eastern Students at Dhaka Complex.
2. Construction of additional 150 double-seated rooms in Rajiv Gandhi Girl's Hostel.
3. Construction of 70 Nos. of 'D' type Flats at Dhaka Complex.
4. Construction of 350 double-seated rooms Girl's Hostel at Dhaka Complex.

The following construction work is in progress at North Campus:

1. Construction of Lecture Halls (Social Science building formerly Mathematical Science building) at North Campus.
2. Restoration/renovation of Anthropology Deptt.
3. Construction of Examination building
4. Restoration/renovation of Botany Department (New & Old Block).
5. New Chemistry Block.
6. Extension of Botany Department.

The following construction work has been completed and handed over at South Campus:

1. Construction of Housing at South Campus.

II. Agreements and MoUs:

In the pursuit to enrich its academic inputs and experiences, the University of Delhi has maintained its tradition of entering the academic collaboration with premier institutions by various agreements. In its endeavour, the University has signed Agreements/Memorandum of Understanding (MoU) for academic and research collaborations with many institutions such as the following foreign Universities/Institutes:

- (i) The University of Maryland, USA
- (ii) The Vietnam Academy of Social Sciences (VASS)
- (iii) The Vietnam Academy of Science and Technology
- (iv) The Vietnam National University Hochiminh (VNU HCM)
- (v) The Vietnam National University Hanoi (VNU Hanoi)
- (vi) Korea University, Korea
- (vii) University of the Fraser Valley, Canada
- (viii) Norwegian University of Science and Technology, Trondheim, Norway
- (ix) University of Calgary, Canada
- (x) Hokkaido University, Japan
- (xi) Korea National University of Arts, Seoul, Korea
- (xii) Fudan University, China
- (xiii) University of Wales, Newport, UK
- (xiv) The Georg-August-Universitat Goggingen, Germany

- (xv) Albama State University, USA
- (xvi) University of Melbourne, Australia
- (xvii) DRDO, Ministry of Defence, Govt. of India

A recent MoU between Delhi University and Kashmir University brought students from the Valley to workshops and computer programmes in Srinagar and Delhi.

As a part of the academic activities, several conferences/workshops/ conventions/symposia/ seminars/lectures were organised during the period under report. In the University lecture series, the renowned academicians and eminent scholars who spoke at the University include:

University Lecture Series:

- Lecture on '*U.K. Parliament on Parliamentary Reform*' by Rt. Hon'ble John Bercow, MP, Speaker of the House of Commons on August 19, 2011.
- Lecture on '*Unraveling the Dark Side of Universe*' by Prof. Priyamvada Natarajan, Yale University, USA on January 03, 2012.
- Lecture on '*Ramanujan as Everyman*' by Prof. Robert Kanigel, Massachusetts Institute of Technology, USA on January 04, 2012.
- Lecture on '*The European Economic Crisis: Challenges & Opportunities*' by Mr. Gulzari Babber, Vice-President, Chartered Institute of Management Accountants (U.K.) on January 09, 2012.
- Lecture on '*Punjabi Kavita Te Sangeet*' by Dr. Surjit Patar, Delhi University on March 15, 2012.

Conferences/Workshop/Symposia/Seminars/Conventions

An International Seminar on '*Challenges of Development in North East India: Issues and Concerns*' was organized by the 'Thrust Areas' of 'Sociology of Marginality' and 'Society and the State' Department of Sociology from November 03-04, 2011.

A Workshop on 'Entrepreneurial and Professional Skills Development' for the students of University of Kashmir and Islamic University of Science and Technology, Kashmir was organized by Campus of Open Learning from February 1-17, 2012.

An International Conference on '*Plant Biotechnology for fwd Security: New Frontiers*' was organized by Department of Genetics from February 21-24, 2012.

11th International Conference on '*Intelligent Systems Design and Applications*' was organized by Department of Computer Science from November 22-24, 2011.

An International Seminar on '*Indo-Korea in the Emerging Asia*' was organized by Department of East Asian Studies from March 16-17, 2012.

An International Workshop on '*Human Rights*' was organized by Department of Adult Continuing Education & Extension from December 10-12, 2011.

An International Seminar on '*Musical Tradition of Asian Countries – An Analytical View*' was organized by Department of Music from March 01-02, 2012.

An International Conference on '*Management of Data*' was organized by Department of Computer Science from December 19-21, 2011.

An International Conference on '*Winter School 2011*' was organized by Delhi School of Economics from December 10-13, 2011.

A National Seminar on '*Revisiting Literary Writings of Dr. Sawrajbir*' was organized by Department of Punjabi from March 22-23, 2012.

A National Seminar on '*Revisiting Rabindranath Tagore's Literary Writings Translated in Punjabi Language*' was organized by Department of Punjabi from May 30-31, 2012.

A National Seminar on '*Literature and Society in East Asia*' was organized by Department of East Asian Studies on March 26, 2012.

A Workshop on '*Problems in the study of man at the shifting borders of caste*' was organized by the Department of Sociology from December 23-24, 2011.

A Seminar on '*Religion & Society in Modern Times*' was organized by the Department of Sociology from February 22-23, 2012.

A Seminar on '*Why is Harvard # 1? Governance and the Dominance of US Universities*' was organized by Delhi School of Economics on September 01, 2011.

A Seminar on '*Tastes, Castes, and Culture: The Influence of Society on Preferences*' was organized by Delhi School of Economics on September 08, 2011.

A Seminar on '*Have Patience, Its Good*' was organized by Delhi School of Economics on September 15, 2011.

A Seminar on '*Performance of the PDS: Evidence from Secondary Data and the Field*' was organized by Delhi School of Economics on September 22, 2011.

A Seminar on '*Bounded Intertemporal Rationality: Apparent Impatience among South African Pension Recipients*' was organized by Delhi School of Economics on September 29, 2011.

A Seminar on '*In-play Football Prediction*' was organized by Delhi School of Economics on October 13, 2011.

A Seminar on '*Inferring the Effects of Vertical Integration from Entry Games: An Analysis of the Generic Pharmaceutical Industry*' was organized by Delhi School of Economics on October 20, 2011.

A Seminar on *'It's a boy! Women and non-monetary benefits from a son in India'* was organized by Delhi School of Economics on November 8, 2011.

A Seminar on *'The Dark Side of the Vote: Misleading Signals, Social Information, and Information Aggregation Through Majority Voting'* was organized by Delhi School of Economics on November 11, 2011.

A Seminar on *'Endogenous Market Structures and Intl. Trade'* was organized by Delhi School of Economics on November 24, 2011.

A Seminar on *'Fiscal Devaluations'* was organized by Delhi School of Economics on December 19, 2011.

A Seminar on *'Volatility, the Macroeconomy and Asset Prices'* was organized by Delhi School of Economics on December 20, 2011.

A Seminar on *'The Effect of Trade Liberalization on Child Mortality and Sex Ratios: Evidence from Rural India'* was organized by Delhi School of Economics on January 10, 2012.

A Seminar on *'Corruption in India: When Piety is not Enough'* was organized by Delhi School of Economics on January 12, 2012.

A Seminar on *'Reputation Building in the Presence of Rating Agents'* was organized by Delhi School of Economics on January 13, 2012.

A Seminar on *'Institutions, Corporate Governance and Capital Flows'* was organized by Delhi School of Economics on February 02, 2012.

A Seminar on *'Implementation in Multidimensional Dichotomous Domains'* was organized by Delhi School of Economics on February 09, 2012.

A Seminar on *'Systemic Flight to Quality from Emerging Economies, and Enabled International Credit Lines'* was organized by Delhi School of Economics on February 16, 2012.

A Seminar on *'Data Games: Sharing Public Goods with Exclusion'* was organized by Delhi School of Economics on February 23, 2012.

A Seminar on *'Information Technology and the Indian Economy'* was organized by Delhi School of Economics on March 15, 2012.

A Seminar on *'Expectations and the Short-Period Equilibrium of a Monetary Economy'* was organized by Delhi School of Economics on March 20, 2012.

A Seminar on *'Income Inequality and the Quality of Public Services: A Developing Country Perspective'* was organized by Delhi School of Economics on March 22, 2012.

A Seminar on '*One-Sided Uncertainty and Delay in Reputational Bargaining*' was organized by Delhi School of Economics on March 27, 2012.

A Seminar on '*What Do Cartel Ringleaders Do? EC Cartels 1990-2008*' was organized by Delhi School of Economics on April 12, 2012.

A Seminar on '*Spillovers, Absorptive Capacity and Agglomeration*' was organized by Delhi School of Economics on April 19, 2012.

A Seminar on '*Breaking the Caste Barrier: Intergenerational Mobility in India*' was organized by Delhi School of Economics on April 26, 2012.

A Seminar on '*Advanced Marginalities on Delhi Streets: Care Deficit among Urban Poor Children*' was organized by Social Work on March 22, 2011.

A Seminar on '*Developing Strategies for Promoting Successful Inclusion of Children with Disabilities in Regular Schools*' was organized by Social Work on March 29, 2011.

A Seminar on '*Senior Citizens as Useful and Productive Citizens*' was organized by Social Work on September 02, 2011.

A Seminar on '*Practicing Disability Studies in India: Issues and Perspectives*' was organized by Social Work on December 03, 2011.

A Seminar on '*Civic Driven Change: Leading for Change in Social Business*' was organized by Social Work on December 11, 2011.

A Seminar on '*8th Symposium of Research Scholars in German Studies*' was organized by Department of Germanic & Romance Studies from January 12-14, 2012.

A Seminar on '*Laugh so you don't cry? Contemporary Encounters of the Tragic and the Comic*' was organized by Department of Germanic & Romance Studies from March 1-3, 2012.

A Seminar on '*Three-days Refreshers Course for Italian Teachers*' was organized by Department of Germanic & Romance Studies from May 2-4, 2012.

A Seminar on '*International Finance*' was organized by Department of Commerce on October 21, 2011.

A Workshop on '*Entrepreneurship and Professional Skills Development*' was organized by Campus of Open Learning from February 01-17, 2012.

A Workshop on '*Supported Blended Learning*' was organized by Campus of Open Learning from April 16-18, 2012.

A Workshop on '*Real Analysis and Measure Theory*' was organized by Department of Mathematics from March 26 to April 7, 2012.

A Workshop on *'Taiwan's Presidential & Legislative election 2012: A Preliminary Analysis'* was organized by Department of East Asian Studies on January 23, 2012.

A Panel Discussion on *'Change and Transformation in North Korea and Implication for the Region'* was organized by Department of East Asian Studies on February 08, 2012.

A Conference on *'International Relations: Stability or Turbulence?'* was organized by Department of East Asian Studies on April 21, 2012.

A Workshop on *'Economic Imbalance, Mis-Governance, Ethnic Divide and Radical Violence'* was organized by Department of East Asian Studies on October 17, 2011.

A Symposium on *'Emerging Scholars Symposium on China'* was organized by Department of East Asian Studies.

Open House Discussion on *'Vision 2020 of the Department of Adult, Continuing Education & Extension'* was organized by Department of Adult Continuing Education & Extension.

A Workshop on *'Research Methodology'* was organized by Department of Adult Continuing Education & Extension from January 21 to February 2, 2011.

A Workshop on *'Research Scholars'* was organized by Department of Music from March 22-23, 2012.

An Annual Convention on *'India Inc. and the 3Gs: Growth, Governance and Graft'*, was organized by Department of Business Economics on September 22, 2011.

A Vishleshan on *'Analytics & HR conclave'* was organized by Department of Business Economics on December 21, 2011.

A Finomena on *'Seminar on Finance'* was organized by Department of Business Economics on March 26, 2012.

A mark Quest on *'Seminar on Marketing'* was organized by Department of Business Economics on April 07, 2012.

Awards/Honours

The Faculty members of the University continue to receive the recognition during the period under report. Some of these are:

Prof. B.K. Thelma was awarded 'J.C. Bose Fellow'.

Prof. M.V. Rajam was awarded 'Fellow of the National Academy of Agricultural Sciences' and also awarded 'Shiksha Rattan Puraskar' by India International Friendship Society.

Prof. Satish Deshpande was awarded 'The Malcolm Adiseshiah Award for Distinguished Contributions to Development Studies, 2012'.

The Department of Economics received the Dewang Mehta 'Leadership Award in Recognition of Leadership, Development, Innovation and Industry Interface' in November, 2011.

Prof. S.C. Panda was awarded 'Odisha Platinum Jubilee Award' felicitated by Governor of Orissa at Constitution Club, New Delhi in 2012.

Prof. Ram Singh was awarded Commonwealth Fellow at the London School of Economics, London, UK in 2011.

Prof. Sharmistha Lahiri was conferred by the Italian President 'The State Honours of the Order of Knight, the Star of Italian Solidarity Medal' presented to her by the Italian ambassador in November, 2011.

Prof. Vibha Maurya was nominated as a member of the core committee of the Project 'South-Sur, Latin America and India, by Institute of Latin American Studies, Freie Universitat, Berlin, Germany.

Prof. K.V. Bhanu Murthy was awarded 'Best paper award' at International Conference in Jaipur, January, 2011 and won the best paper award 'Sixth National Conference on Capital Market' IBS Gurgaon, in 2012 and his total of thirteen papers in the Top Ten List in the world @ SSRN.COM, of which five in All Time Top Ten List in the world.

Prof. Sri Ram Khanna attended Chairs Group COPOLCO meeting as member of Indian delegation at Geneva (Switzerland) in October 2011.

Prof. Sanjay K. Jain was appointed as Member of the International Judging Panel for the 2012 Asia Pacific Enterprise Leadership Award, APRC, Singapore.

Prof. J.P. Sharma is appointed as Member of the Managing Committee, Centre for Corporate Governance Research and Training, Mumbai.

Best Business Academic of the year Award -2011 Gold Medal was awarded jointly to Dr. Ajay Kr. Singh and Ms. Shilpi Sahi by Indian Commerce Association on December 15, 2011.

Gold Medal & Prof. Manubhai M. Shah Memorial Research Award 2011 was awarded jointly to Dr. Ajay Kr. Singh and Ms. Monika Bansal by Indian Commerce Association on December 15, 2011.

Best Business Academic of the year Award -2011 Silver Medal was awarded jointly to Dr. Ajay Kr. Singh, Dr. Niti Bhasin, and Mr. Sameer Lama by Indian Commerce Association on December 15, 2011.

Dr. Kavita Sharma was awarded 'The Best Research Paper Award' in International Conference held in Singapore in November, 2011.

Dr. Vanita Tripathi's research paper 'Investment Strategies in Indian Stock Market: A Survey' has been listed in SSRN's Top Ten download list for Emerging Markets: Finance. (2011).

Best Business Academic of the year Award-2011, Silver Medal was awarded jointly to Dr. Ajay Kr. Singh, Dr. Niti Bhasin, and Mr. Sameer Lama by Indian Commerce Association on December 15, 2011.

Dr. Manjit Singh was honoured with a Project Fellowship of rupees ten thousand per month for a period of two years (w.e.f. 1st April 2012) in the name of late Dr. Kartar Singh Duggal. Further, he is invited as a speaker-delegate of India to represent Punjabi Alphabet at the Second World Alphabet Olympics in Singapore, in October 2012.

Prof. Anita Sharma was awarded 'Kiran Achievement Award-2011' by Women International Network for Education (Promotion of Chinese Language) and also awarded H.H. Seorak Musan Cho Oh-Hyun International creative Mind Award-2012, Korea for contribution in the field of East Asian Studies on March 3, 2012.

Dr. Rajesh and Dr. J.P. Dubey were awarded 'Fellowship of Adult & Lifelong Learning' by Indian Adult Education Association in 2011.

Prof. Suneera Kasliwal was awarded 'Music Forum, Research Award, 2011' at Mumbai.

Prof. P.B. Kannakumar was awarded the title 'ISAI GNANA SUDAROLI' by the organisation "Apoorva Ragam".

Dr. T.V. Manikandan was awarded 'Printania Award' from Navasadhana Sangit Samiti-Banararas.

Dr. Babli Moitra Saraf, Principal, IP College was selected to participate in the first Fulbright- Nehru International Education Seminar 2011, alongwith 11 peers from India. Dr. Saraf was the only participant from the University of Delhi.

Dr. Sapna Jain has been conferred the Honorary Adjunct Professorship at the Shanxi Normal university, P.R. China for a period of three years starting from November 1, 2011 to November 1, 2014.

OFFICERS OF THE UNIVERSITY

Chancellor

Hon'ble Mohd. Hamid Ansari

Pro-Chancellor

Justice S.H. Kapadia

Vice-Chancellor

Professor Dinesh Singh

Pro-Vice-Chancellor

Professor Vivek Suneja

Dean of Colleges

Professor Sudhish Pachauri

Director, South Delhi Campus

Professor Umesh Rai

Director, Campus of Open Learning

Dr. (Ms.) Savita M. Datta

Treasurer

Ms. Janaki Kathpalia

Registrar

Shri R.K. Sinha

Deans of the Faculties

<i>Arts</i>	:	Professor H.S. Prasad	
<i>Science</i>	:	Professor I. Usha Rao Professor S.C. Bhatla	(upto 12.06.2011) (w.e.f. 13.06.2011)
<i>Social Sciences</i>	:	Professor Nandini Sundar Professor Satish Deshpande	(upto 29.02.2012) (w.e.f. 01.03.2012)
<i>Law</i>	:	Professor Gurdip Singh	

<i>Management Studies</i>	: Professor K. Mamkootam Professor Raj S. Dhankar	(upto 23.05.2011) (w.e.f. 24.05.2011)
<i>Mathematical Sciences</i>	: Professor Bal Kishan Das	
<i>Medical Sciences</i>	: Professor Jolly Rohtagi Professor Upreet Dhaliwal	(upto 21.10.2011) (w.e.f. 22.10.2011)
<i>Music & Fine Arts</i>	: Professor Anupam Mahajan	
<i>Technology</i>	: Professor Ashutosh Trivedi Professor Raj Senani	(upto 26.07.2011) (w.e.f. 29.07.2011)
<i>Ayurvedic and Unani Medicine</i>	: Dr. (Ms.) Nuz Hat Ishtiaq Dr. Rajni Sushma	(upto 11.04.2011) (w.e.f. 12.04.2011)
<i>Education</i>	: Professor Anita Rampal	
<i>Inter-Disciplinary and Applied Sciences</i>	: Professor Avinashi Kapoor	
<i>Applied Social Sciences and Humanities</i>	: Professor Rashmi Aggarwal Professor V.K. Kaul	(upto 07.08.2011) (w.e.f. 08.08.2011)
<i>Commerce & Business</i>	: Professor I.M. Pandey Professor K.V. Bhanumurthy	(upto 18.05.2011) (w.e.f. 19.05.2011)

Proctor

Professor Harinder Pal Singh	(upto 12.02.2012)
Professor I. Usha Rao	(w.e.f. 13.02.2012)

CONVOCATION

The 88th Annual Convocation was held on 24th March 2012. Shri Sam Pitroda, Advisor to Prime Minister on Public Information Infrastructure and Innovation, was the Chief Guest and delivered the Convocation address. The Convocation was presided over by Prof. Dinesh Singh, Vice-Chancellor, Delhi University.

The total number of candidates admitted to the Ph.D., M.Ch. and D.M. degrees in various faculties was 457.

In addition 69162 candidates were admitted to Bachelors, Masters, LL.B., M.B.B.S., M.D., M.S. and M.Phil. degrees.

A total of 142 medals and 52 prizes were awarded.

SPECIAL CONVOCATION

The University organized a Special Convocation on 28th March 2012 to confer honorary D.Litt. degree upon H.E. Dilma Vana Rousseff, President of the Republic of Brazil. Hon'ble Mohd. Hamid Ansari, Vice-President of India and Chancellor, University of Delhi, presided over the function.

STUDENT ENROLMENT

The total number of students enrolled in the University during the academic year 2011-12 was 4,88,135. Of these, 1,67,288 students were enrolled in the Colleges, 17,380 in the University Departments, 2,88,933 in the School of Open Learning and 14,534 in the Non-Collegiate Women's Education Board.

SC/ST STUDENT ENROLMENT

The total number of SC/ST Students enrolled in the various under-graduate and post-graduate courses of the University were 22399 and 6856 respectively during the year. A table showing the number of SC/ST Students has been enclosed at the end of the Report.

AGRICULTURAL ECONOMICS RESEARCH CENTRE

Library Development

The AERC library has utilized ₹ 0.56 lakh (approximately) for the purchase of books and journals in the field of agricultural economics and on allied subjects such as rural development, environment, trade and WTO etc.

Honours/Distinctions

Dr. Usha Tuteja: Nominated as Focal Point Expert to present country status report on Pulses for Regional Workshop on current status and Future Prospects of Pulse Production in SAARC Countries organized by SAARC Agriculture Centre, Bangladesh, 24-25 Oct. 2011.

Appointed Expert for Selection Committee for the post of Lecturer in the Department of Economics, Sardar Patel University, Gujarat, 2011.

Dr. D.S. Bhupal: Nominated one of the referees of the Indian Journal of Agricultural Marketing 2011.

Seminars/Conferences attended

Dr. Usha Tuteja: Key Speaker in the session 'Prospects of Rainfed Agriculture: Oilseeds and Pulses' in the National Seminar on Prospects of India's Agriculture Exports in 2025: Opportunities, Challenges and Roadmap, organized by the Centre for WTO Studies, IIFT, New Delhi, 6-8 July 2011.

Participated in the National Conference on 'Twenty Years of India's Liberalization: Sharing of Experiences' organized by the UNCTAD and the Centre for WTO Studies, New Delhi, 15 November 2011.

Participated in the International Seminar on 'Policy Options and Investment Priorities for Accelerating Agriculture Productivity and Development in India, organized by IHD and IGDR at IIC, New Delhi, 10 November 2011.

Dr. D.S. Bhupal: A presentation was made in Indo-Dutch Seminar on Fresh Produce Chain – innovative tec., organized by FICCI, 6 June 2011.

Participated in roundtable discussion with experts from Indonesia, Bolivia, Mexico, Korea and India on Small producers in the globalised markets organized by the FICCI, 17 October 2011.

Participated in Indo-Dutch Seminar on Food and Nutrition: Innovative Technologies: key to health and sustainable food, organized by the FICCI, 8 November 2011.

Participated in a national Workshop on Cotton 2020 – roadmap for sustainable production, organized by the FICCI, 1 February 2012.

Publications

Tuteja, U. Status of Horticultural Crops and Perception of National Horticulture Mission Adopters in Haryana' Artha Vikas, *Journal of Economic Development*, Sardar Patel University, forthcoming in next issue as per intimation in December, 2011 (joint with Dr. Subhash Chandra).

Yield, Costs and Returns from Horticulture Crops: Evidence from Field Survey data in Haryana, *Indian Journal of Economics Development*, January-March 2012 (jointly with Dr. Subhash Chandra).

Bhupal, D.S. Marketing of Vegetables in Delhi: A case study of price spread in the marketing of cauliflower, jointly with Fiona Marshall, Nigel Poole and Dolf t Lintelo. This paper was selected for presentation in the IV PENSA Conference at University of Sao Paulo, on line version available at: www.pensaconference.org/.../083.p... Faculdade de Economia, Administração e Contabilidade de Ribeirão Preto / USP – Outubro de, Creating a marketable surplus, *Farmers' Forum*, Vol.10, No.12, September-October 2011, pp. 9-19.

Food Security Act : The Malnutritional angle, *Farmers' Forum*, Vol.12, No.1, January- February 2012, pp 36-43.

INSTITUTE OF INFORMATICS & COMMUNICATION

Major Activities

The Institute organized various activities such as an Industrial Lecture Series, in which eminent persons visited the institute to deliver specialized lectures on current trends in the IT industry sector. Further, students and faculty organized time-to-time Industry-University interaction programmes such as "Envisage'12". The Placements activity this year as in earlier years has been actively pursued resulting in 100 % placement in the first round. Many top rated IT industries are coming for campus placement. Industries visiting the Institute this year include Aricient, Hughes Systique, Bharti Telesoft, Connexent, Sapient, etc.

Seminars/Conferences held

National Open Source Tech-Fest "Envisage'12", University of Delhi, South Campus, New Delhi, 25-26 March 2012.

Seminars/Conferences attended

Dr. M.K. Das: International Satellite Seminar on 'Role of Mathematics in Science and Engineering, Graphic Era University Dehradun, UK, 13-14 May 2011.

National Seminar on 'New Thrust Area in Mathematical Sciences & Technology', Department of Mathematics DAV (PG) College, Kanpur, 4-6 November 2011.

Dr. Sanjeev Singh: 'Large Scale Wireless Network in Higher Education', Asia Pacific WiFi Conference, Kualalampur, Malaysia, 6-7 July 2011.

'Content Creation and Consolidation', Open Paradigm in Education, International Conference on Open Learning, New Delhi, 31 January-2 February 2011.

Dr. Sandhya Aneja: 1st Part of International Workshop on Ad hoc Networks, Department of Computer Science, University of Delhi, 29 July 2011.

2nd Part of International Workshop on Ad hoc Networks, Department of Computer Science, University of Delhi, 6 March 2012.

Publications

Research Articles

Das, M.K. et.al., Effect of Dynamic Threshold on the Response and Bifurcation in a Space Clamped FHN Model with External Stimulus, *Science & Tech.*, No. 24, pp. 1-9, February 2012.

Khurana, S. and Gupta, N.: 'Reliable Distance Vector routing protocol to handle Blackhole and Selfish (RDVBS) nodes in Ad hoc Network', *International Journal of Next Generation Computing*, Vol. 3, issue 1, March 2012.

CENTRE FOR INTER-DISCIPLINARY STUDIES OF MOUNTAIN & HILL ENVIRONMENT

Major Activities

Realizing the significant contributions of the Centre in the field of environment impact assessment of power projects and environmental sensitivity studies of river basins, Ministry of Power, Government of India recognized it as a Centre of Excellence. The Government of India established CISMHE as an R&D Centre for conducting studies related to issues of environment and environment management in the power sector. The Centre has conducted a number of studies related to environment impact assessment and biodiversity conservation. The Centre also provides expert advice to various institutions of Government of India, its PSUs and Private Sector in the field of environment and sustainable development. The Centre has also developed state-of-the-art infrastructure and expertise in the area of Remote Sensing and Geographic Information System (GIS) and is making rapid strides in helping Public and Private Sector organizations in these frontline areas.

Ph.D. Degree awarded

Ph.D. - 1

Research Schemes

<i>Title</i>	<i>Sponsoring Organization</i>
Cumulative Impact Assessment of Siang Basin, Arunachal Pradesh.	R.S. Envirolink Pvt. Ltd., Gurgaon
EIA/EMP Studies of Pauk, Heo & Tato-I HEPs.	Velcan Energy Ltd., France

Honours/Distinctions

Prof. Maharaj K. Pandit: Invited by National University of Singapore as Visiting Senior Fellow.

Publications

Jolli, V. and Pandit, M.K. 2011. Monitoring pheasants (*Phasianidae*) in the Western Himalayas to measure the impact of hydro-electric projects. *Ring* 33, 1-2: 37-46. Versita, Central European Science Publisher.

2011. Influence of human disturbance on the abundance of Himalaya Pheasants (Aves, Galliformes) in the temperate forest of Western Himalaya. *Vestnik Zoologii* 45(6): 523-530. Versita, Central European Science Publisher.

Pandit, M.K., Pockock, M.J.O. and Kunin, W.E. 2011. Ploidy influences rarity and invasiveness in plants. *Journal of Ecology*, 99, 1108–1115.

Pandit, M.K. and Kumar, V. 2011. Land use and conservation challenges in Himalaya: Past, present and future. In: Sodhi N.S., Gibson, L. & Raven P.H. *Conservation Biology: Voices from the Tropics*. Wiley-Blackwell, Oxford, UK.

Communications to Conference

Jolli, V. 2011. Impacts of hydro-electric project development on the critical habitats for montane birds, Western Himalaya. Presented at the *25th International Congress for Conservation Biology, Auckland New Zealand*. <http://birenheide.com/scb2011/schedule/single-session.php?sessno=73>.

D.S. KOTHARI CENTRE FOR SCIENCE, ETHICS AND EDUCATION

Major Activities

The first talk on Childhood as ‘self-education’ and as ‘disciplined freedom’. Applying the Capability Approach to Children, Education and Democracy was delivered by Ms. Shanti George, Visiting Fellow, Department of Sociology, University of Delhi on 7 February 2012. This talk was chaired by Professor Namita Ranganathan from the Department of Education, University of Delhi.

The second talk on Empowering Teachers for Dynamic Learning was delivered by Shri. Rajesh Dalal, Trustee, Krishnamurti Foundation of India (KFI), and Convenor, Centre for Continuing Dialogue (KFI) on 27 February 2012.

A number of workshops were held throughout the period January to May 2012 to work on preparing a course on Reflecting on the Environment, Individual and Society: An experiential programme for possible inclusion in the undergraduate programme. A number of teachers from eleven colleges and students and teachers from different departments in the University of Delhi participated in these Workshops to develop the course guidelines and relevant course material. Resource persons such as Shri Ashish Ghosh, Shri Kabir Saxena, Geshe Dorjee Damdul, Professor Mihir Deb, Professor Subhadra Channa, Prof. Namita Ranganathan, Dr. Jayshree Mathur, Dr. H.P. Gangnegi, and others also participated in these

workshops. This was one of the main activities of the Centre this year sustained by the interest of the teachers and students involved in the preparation of the course. As part of these activities, The D.S. Kothari Centre organized a workshop with His Holiness the Dalai Lama, 22 March 2012, at the University of Delhi on the theme of Ethics in Education.

The D.S. Kothari Centre will coordinate a preliminary meeting of scientists from the Mind and Life Institute, USA, with teachers and students at the University of Delhi, 14 January 2012.

DEVELOPING COUNTRIES RESEARCH CENTRE

Major Activities

DCRC coordinated a Satellite Based Distance Learning Basic course on 'Remote Sensing, Geographical Information System and Global Positioning System' from 1 August to 28 November 2011 in the University of Delhi. It was conducted by Indian Institute of Remote Sensing, Indian Space Research Organization in collaboration with Consortium for Educational Communication, UGC; Space Application Centre, Ahmedabad and OSSEO India (IIIT Hyderabad). The course was coordinated under the aegis of National Natural Resources Management System, India by Dr. Seema Mehra Parihar, Joint director of DCRC.

More than seventy students from different departments of the university registered for the course and around half were research students from Geography, Geology, Zoology and other departments of the University of Delhi. The course was structured into four modules as Remote sensing and Digital Image Processing; Global Positioning System; Geographical Information System and RS & GIS Applications with an examination conducted after each module. Thirty eight students successfully completed the course. Unique was the pedagogy and the methodology followed and the experiments conducted on and within an AVIEW Classroom set-up.

Above all, the course was conducted for free and it could only happen because of the cooperation rendered across the verticals of the University and IIRS. At the University level, the cooperation rendered together by Director ILLI, Director Computer Center, Dr. Seema Sirpal of DUCC and Principal Kirori Mal College need special mention. In the geospatial series two more Workshops were held with one on OPEN SOURCE GIS and the other on the Bhuvan portal with National Remote Sensing Centre, Hyderabad as co-organisers.

DCRC in association with ILLI organised a Workshop on the popular interdisciplinary course 'Reading Gandhi'. The Workshop, which concentrated on bringing to light the latest literature on the subject, was well attended by college teachers. A number of distinguished academics addressed the gathering. Suggestions were made on how the course could be updated.

Under its UGC area studies programme DCRC organised an International Conference on 'Affirmative Action: Comparative Perspectives'. Participants from France, Brazil, Sri Lanka, Nepal and Pakistan made presentations.

DCRC organised an International Conference on 'Academic Stand Against Poverty'. The keynote address was delivered by Professor Thomas Pogge of Yale University, and presentations were made by academics from the university of Birmingham and Delhi.

The Pablo Neruda Lecture, which is delivered once in two years, was given by Zaheeda Hina from Karachi, Pakistan. Ms. Hina spoke on 'Atiya Fyzee: A Modern Woman in An Orthodox Society.'

DCRC held the annual Grassroots Politics Colloquium on 'Women's Struggles in South Asia'. This year the GPC was organised as an interNational Conference with participants from Pakistan, Bangladesh, Nepal, and Sri Lanka. It was held under the aegis of the UGC area studies programme.

Two new projects were sanctioned this year to DCRC with first being *Mapping Wetland Stress Pattern of East Kolkata Wetland Using High Resolution Remote Sensing Data* from the University of Delhi and second being *Devise a Grassroots Level Geospatial System for Climate Stress Management in Bhilangana Basin of Garhwal Himalayas* from Climate Change Programme Division of Department of Science and Technology with Dr. Seema M. Parihar as Principal Investigator for both the projects.

CENTRE FOR ENTREPRENEURSHIP AND CAREER ORIENTED PROGRAMME

Seminars/Conferences held

Two-day Workshop on 'Entrepreneurship' in collaboration with NISBUD was organized in the month of May.

Six-day Workshop on 'Communication Skills and Personality Development' was organized in the month of October.

CENTRE FOR SCIENCE EDUCATION & COMMUNICATION

Major Activities

The Centre organized 27th Annual Quest started with the Preliminary Round on 25 January 2012 and ended up with the Final Round, 17 March 2012.

A training programme in C&C++ programming language was conducted in the Department of Physics & Astrophysics, 8-15 June 2011.

Professor Robert Kaigel from Massachusetts Institute of Technology, USA gave the lecture on the topic 'Ramanujan as Everyman' at Conference Centre, 4 January 2012.

CENTRE FOR GENETIC MANIPULATION OF CROP PLANTS

Major Activities

The Centre has developed two hybrids, DMH-1 (CMS/restorer based) and DMH-11 (based on transgenic technology). DMH-1 has been released by the Ministry of Agriculture for commercial cultivation in the mustard growing areas of north western India and DMH-11 is undergoing bio-safety tests with funding from DBT under its BIPP programme. Other major activities of the Centre are research on genome mapping, gene tagging and marker-assisted breeding of agronomically important traits in *Brassica* species. The future work aims at tagging genes for oil content, fatty acid biosynthesis, yield components and isolation and identification of candidate genes conferring resistance to *Alternaria* blight, white rust and some important yield components. In this regard, next generation sequencing techniques are being used to generate more markers in *B. rapa* and *B. juncea*.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Genetic engineering rapeseed and selected oilseed mustard/vegetable crops.	Prof. Deepak Pental	Dhara Vegetable Oil and Foods Co. Ltd.
Centre of Excellence on genome mapping and molecular breeding of Brassicas.	Prof. Deepak Pental	DBT

Seminars/Conferences attended

Prof. Deepak Pental and Prof. A.K. Pradhan: International Conference on Plant Biotechnology for Food Security: New Frontiers. Society for Plant Biochemistry and Biotechnology, National Research Centre on Plant Biotechnology and IARI, New Delhi, 21-24 February 2012.

INSTITUTE OF LIFELONG LEARNING

Major Activities

The ILLL works through two centers, one at the North Campus and the other at the South Campus of University of Delhi.

North Campus

One of the major activities of ILLL is developing e-content for undergraduate students in the various subjects taught preferably at the University of Delhi. The institute is working towards building up a virtual learning environment website with the in-house prepared e-content in a student and teacher friendly actively dynamic open source Learning Management System (LMS) format called MOODLE. The virtual learning environment will have the study material in various forms like e-lessons, e-quizzes, e-labs, and e-lectures.

The main focus of virtual learning environment is on making the e-lessons interactive and multi-media enriched by blending different technologies like HTML, Flash, Java script, XML, CSS audio/video.

A large number of e-quizzes on following subject are being developed: Life Science, Botany, Zoology, Chemistry, Mathematics, Physics, Computer Science, Commerce, Political Science, Hindi, English, History, Sanskrit and Punjabi. The e-quizzes are in different formats like multiple-choice questions (MCQs), fill in the blank, etc.

E-lectures include video recorded talks/interviews of eminent persons in various disciplines. ILLL has developed a repository of such e-lectures for the use of students.

ILLL offered an 80-hour English Language proficiency Course to the students of the University of Delhi to enable them to improve their English language skills namely, speaking, reading, listening and writing. The course had three progressive levels: Basic, Intermediate and Advanced. The basic course is for the students who have a preliminary knowledge of the English language, and cannot use it in every day, familiar contexts. The Intermediate course is for those who are fairly confident of using the skills of listening, speaking, writing and reading for different purposes at a relatively higher level. The Advanced course helps students to use the language in academic contexts, i.e. respond critically to texts/situations in written and oral form and to employ the necessary tools and strategies to undertake under-graduate/post-graduate studies satisfactorily.

In the August session, 254 students were enrolled at three centres and in the January session, 262 students enrolled in the Course at six centres.

The Basic Level (ELPC) course was also offered at the following centres: Central Institute of Education (52 students), Campus of Open Learning (39 students), College of Vocational Studies (38 students), Lady Shri Ram College for Women (40 students), Sri Guru Gobind Singh College of Commerce (24 students), Gargi College (18 students) and Janaki Devi Memorial College (30 students). An Intermediate level (ELPC) course was offered at the Central Institute of Education to 25 students. An Advanced level (ELPC) was offered at the Central Institute of Education to 30 students.

South Campus

The major activities of the ILLL Centre at the South Campus were as follows :

- 10 e-lessons completed
- 115 e-lessons under review and preparation
- 638 e-Quizzes Completed
- 2 Interviews and Videos recorded
- 17 Workshops and Course Writers' Meetings held
- 11 Lessons and 8 Interviews were translated into Hindi
- Transcription of 10 interview's completed

CLUSTER INNOVATION CENTRE

Major Activities

CIC has launched its first ever B.Tech/B.S in Innovation with Mathematics and IT course in September 2011. The launch of CIC as the first academic cluster has been acknowledged by Honorable Prime Minister Dr. Manmohan Singh in the first annual report of National Innovation Council (NInC). CIC will play a central role in the execution of MOU's signed by University of Delhi with University of Maryland and DRDO. For future collaboration and joint scientific & research activities extensive discussion has taken place with Carleton University of Ottawa (Canada), Yale University campus in Singapore, City University of New York Queens (CUNY), University of Heidelberg in Germany.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Development of in vivo system for studying inflammation: mechanism of oscillatory response of the key regulator, the Nuclear Factor kappa B (NF- κ B).	Prof. Madan Mohan Chaturvedi	DST Purse Grant/DU
Modeling, Simulation and study of noise Performance and noise characteristics of Double Gate INP-based/ InGaAs HEMT for High Power and teraHz Frequency application.	Dr. Jyotika Jogi	UGC
Hindi Natkon ke addhayan, adhyapan, Anusandhan ka samaj-manobhasha Vaigyanik vishleshan.	Dr. Harsh Bala Sharma	UGC

Honours/Distinction

Prof. Madan Mohan Chaturvedi: Elected Fellow of The National Academy of Sciences, Allahabad, India; Elected a Member of steering Group of Teaching and Learning Network of Universitas 21(U21); Elected a Member of 'Journal of Oncolytic Virotherapy', Dove Press, USA; Member, Advisory Board, National Council for Education & Research Training, New Delhi.

External Members, Board of Studies: Department of Bio-Sciences, Jamia Millia Islamia, New Delhi; Department of Molecular and Human Genetics, Banaras Hindu University, Varanasi; Department of Zoology, Banaras Hindu University, Varanasi; Department of Zoology, Dayalbagh Educational Institute, Agra; NEST-2012, National Institute of Science Education and Research, Bhubaneswar; Member, National Academic Committee, ITSO-2013, Homi Bhabha Center for Science Education(TIFR), Mumbai; Team-Leader, International Biology Olympiad at Taipei City, Chinese Taipei in July 2011.

Mr. Umesh Kumar: Completed M.Sc. with Distinction in Financial Mathematics from King's College London after receiving scholarship under Faculty Training Program of University of Delhi; Received "The worshipful Company of International Banker's Prize in Financial Mathematics" for best piece of written work in M.Sc. from King's College, London.

Seminars/Conferences attended

Prof. Madan Mohan Chaturvedi: U21 Teaching Learning Network meeting at University of British Columbia, Vancouver, Canada, 3-4 November 2011.

Dr. Jyotika Jogi: UKSim-AMSS 14th International Conference on Modeling and Simulation, Emmanuel College, Cambridge, 28-30 March 2012.

International Conference on Microwave and Optical Technology (ISMOT), Prague, Czech Republic, EU, 20-23 June 2011.

Dr. Bibhu Biswal: Invited Lecture in the International Workshop on Nonlinear Physics and Applications, NOLPA2011, at Joao Pessoa, Brazil, 5-9 September 2011.

U21 Teaching Learning Network meeting at University of British Columbia, Vancouver, Canada, 3-4 November 2011.

Ms. Shivantika Sharad: Conference on Indian Psychology, organised by Department of Psychology, University of Delhi, 20-21 January 2012.

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Effect of variable viscosity on free convective heat transfer over a non-isothermal body of arbitrary shape in a non-Newtonian fluid saturated porous medium with internal heat generation accepted for publication in *Transport in Porous Media*, 30 March 2012.

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CENTRE FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION

Major Activities

The Academic Staff College of Delhi University is known as the Centre for Professional Development in Higher Education. It was established in 1987-1988. Its primary function is to conduct Orientation Programme and Refresher Courses for University and College teachers. Since 1987-88 it has organized 69 Orientations and 293 Refresher Courses.

The Orientation Programme is meant for teachers who have just entered the university system. It is a four-week course, which equips them with knowledge of ICT and helps them improve their communication skills. It also addresses social issues such as environmental degradation, urbanization, and conservation of heritage, secularism and gender. Teachers are introduced to different pedagogical perspectives and to the importance of mentoring and counseling. Overall, the course is designed to increase the teacher's professional competence and to provide a perspective on higher education. The Centre organized 3 Orientations this year. Refresher courses are discipline-specific and are organized with the support of the respective Departments at the University. They are often thematic and are designed to familiarize teachers with new trends in academics and research. During the period under review, Refresher courses were organized in Commerce, Chemistry, Mathematics-Operations Research-Computer Science, Gender Studies, Research Methodology and Education.

CPDHE has organized 3 Orientations and 6 Refresher Courses in the year.

CENTRE FOR DETECTOR AND RELATED SOFTWARE TECHNOLOGY

Ph.D. Degrees awarded

Ph.D. - 1

Research Schemes

<i>Title</i>	<i>Sponsoring Organization</i>
'Simulation of Detector Elements for proton Computed Tomography (pCT) for Cancer Therapy'.	Northern Illinois University, Dekalb, USA
'Study of New Particles with the CMS Detector at the Large Hadron Collider and Heavy Ion Physics using LHC at CERN – CMS Experiment', with TIFR, PU and BARC.	DST

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Saini, A., Ranjan, K., Lunin, A., Mishra, S.C., Perunov, N., Solyak, N. and Yakovlev, V.P. 2012. '*Superconducting RF cavity design study for the squeezed ILC section of the high intensity H linac for the Project-X facility*', *Supercond. Sci. Technol.* 25 025024.

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2011. '*Study of effects of failure of Beam line elements & their compensation in CW superconducting linac*', PAC, New York, USA.

Saini, A., Ranjan, K., Carneiro, J.P., Mishra, S., Ostiguy, J.F., Solyak, N., Vostrikov, A. and Yakovlev, V. 2011. '*Lattice design for superconducting CW linac for Project-X facility at Fermilab*', Indian Particle Accelerator Conference, New Delhi.

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Saini, A., Ranjan, K., Gonin, I., Khabilouline, T., Mishra, S., Solyak, N., Sukhanov, A., Vostrikov, A. and Yakovlev, V. 2011. ‘Study of higher order modes in Project-X linac’ In PAC, New Delhi.

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Saxena, P., Ranjan, K., Bhardwaj, A., Shivpuri, R. K. and Bhattacharya, S. 2011. ‘Simulation studies of the n+n- Publications Si sensors having pspray/pstop implant for the SiD experiment’, *Nucl. Instr. and Meth. A*, doi : 10:1016-j:nima:2011:04:063.

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Measurement of the W boson helicity in top quark decays using 5.4 fb^{-1} of $p\bar{p}$ collision data. By D0 Collaboration Phys.Rev.D83:032009, 2011. [arXiv:1011.6549].

Search for resonant WW and WZ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. By D0 Collaboration Phys.Rev.Lett.107:011801, 2011. [arXiv:1011.6278].

Search for neutral Higgs bosons in the multi-jet topology in 5.2 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. By D0 Collaboration Phys.Lett.B698:97-104,2011. [arXiv:1011.1931].

A measurement of the ratio of inclusive cross sections $\frac{\sigma(p\bar{p} \rightarrow Z+b\text{jet})}{\sigma(p\bar{p} \rightarrow Z+\text{jet})}$ at $\sqrt{s}=1.96$ TeV. By D0 Collaboration Phys.Rev.D83:031105,2011. [arXiv:1010.6203].

Search for single vector-like quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. By D0 Collaboration. Phys.Rev.Lett.106:081801,2011. [arXiv:1010.1466].

Precise study of the Z/γ^* boson transverse momentum distribution in $p\bar{p}$ collisions using a novel technique. By D0 Collaboration Phys.Rev.Lett.106:122001,2011. [arXiv:1010.0262].

Search for pair production of the scalar top quark in the electron+muon final state. By D0 Collaboration Phys.Lett.B696:321-327,2011. [arXiv:1009.5950].

Determination of the width of the top quark. By D0 Collaboration Phys.Rev.Lett.106:022001,2011. [arXiv:1009.5686].

High mass exclusive diffractive dijet production in $\mathbf{p\bar{p}}$ collisions at $\mathbf{\sqrt{s}} = 1.96$ TeV. By D0 Collaboration Phys.Lett.B705:193-199,2011. [arXiv:1009.2444].

DELHI UNIVERSITY LIBRARY SYSTEM

Major Activities

Delhi University Library System has during this period, taken several measures to revamp the Library and information services provided through its 34 constituent libraries, in keeping with the newly revised Ordinance XVI. A brief listing is given below:

Resources

Print

The Library System added 22360 volumes of books / periodicals to its collection and 6931 books were written off. The total collection as on 31-03-12 is 1544733 volumes. It had 1682 periodicals on its current list of subscriptions.

Electronic

The DULS continued to strengthen the accessibility of electronic resources to the users. While the previously subscribed resources have been renewed, there are number of e-resources which have been added. There are 56 electronic databases in different subjects and disciplines that are available to the user community of the University.

Audio Book Resources and Braille Library

The Library has created Digital Audio Document for 1268 books in DAZY form. 102 titles were produced in Braille form during one year using electronic embosser. Also produced soft copies of 390 books including 150 books in Hindi and 240 Books in English language.

User Services

DULS — Website

DULS-Website which includes the catalogue of selected libraries (OPAC); a provision of e-referencing, A-Z list of E-journals, Online Information Literacy Tutorial, Subject Portal, Ask your Librarian, access to electronic resources including open access resources and several other user friendly features, is in operation. It is regularly maintained & updated.

Digital Library

The Department of Information Technology (DIT) has provided funds of ₹ 60 lakhs to undertake the digitization of out of copyright zone books of DULS. The Library has been able to complete 14386 books and have been placed on the web for global Internet accessibility using the Open Source Content Management System, namely, 'Dspace'. The URL is <http://library.du.ac.in/dspace>.

Information Literacy Programme

With a view to empower the students, researchers and faculty members to seek, evaluate, use and create information effectively and efficiently to achieve their educational, social, occupational and personal goals, DULS has initiated and regularly conducting Information Literacy Program since 2006. DULS has organised a total of 74 Information Literacy programs in various departments and colleges of University of Delhi including 56 E-Resource Orientation programs, 10 Hands on Training Sessions, 07 One Day Workshops for Research Scholars in Social Sciences. A total of 2210 P. G. Students, 1079 Research Scholars, 985 Faculty members, and 167 library professional have attended the ILP.

Document Delivery Service

The JCCC@UGC Infonet provides article-level access for all the databases subscribed by the UGC-INFONET Digital Library Consortium, about 5,200 Open access electronic journals, and print journals subscribed by 22 university libraries designated as Inter-Library Loan (ILL) Centers of the INFLIBNET Centre. The interface provides hyper link to articles that are available electronically and accessible in a given university so that a user can access and download articles. For articles from journals that are not available electronically or are not accessible in a given university, the interface facilitates semi-automatic generation of ILL request directly from user(s) to the INFLIBNET Centre or to one of the ILL Centers as the case may be.

DULS is one of the 22 designated ILL Centers for the services. We receive following advantage of JCCC@UGC Infonet:

- (i) Provides single window searching of all the electronic databases available through UGC-Infonet Digital Library Consortium,
- (ii) Provides access to about 5,200 open access e-journals in full text,
- (iii) Article level searching for 896 print journals of DULS,
- (iv) Availability of photocopies of print journal articles not available in DULS through Document delivery service,
- (v) Utilize the Document delivery service by requesting other designated universities to provide copy of the print journal articles.

As a designated ILL Centre of JCCC, DULS is also supposed to shoulder many responsibilities. In lieu of electronic databases available through UGC Infonet Digital Library Consortium, worth about INR 100,000, DULS shoulders the responsibility of supplying

photocopies of the articles requested through JCCC to the scholars throughout India. DULS being a large organization, having large collection of print and electronic information content mostly serves the information requirements of its users. Hence, there are very less requests for photocopies of the articles from DULS users to other universities. However, as a ILL Centre, DULS regularly supplying the photocopies of articles. Compared to only 409 requests from our scholars we have received 5792 requests from scholars of other institutions.

Awarded ILL Service Award 2010 from UGC-Infonet Digital Library consortium of INFLIBNET at Bangalore, 16 September 2011.

University of Delhi Awarded certificate of Appreciation for out standing service as Document Delivery Centre of JCCC @ UGC-Infonet Digital Library consortium, at Bangalore, 16 September 2011.

Knimbus

DULS with technical collaboration with Global Information Systems Technologies Pvt. Ltd. had come out with an Open Source Federated Search solution called GISTFIND. It has been replaced by more improvised Open Source Federated Search solution called Kinimbus. It is available at <http://crl.du.ac.in/Knimbus.htm>.

Knimbus is a collaborative research platform that enables researchers to find and share knowledge globally. It combines the best Search, Social features and Library tools to enable higher research productivity and valuable insights. It allows Researchers to :

Discover : Valuable and relevant information from subscribed library resources and open/web content.

Personalize :How they interact with an organize discovered content.

Collaborate : With other researchers to build collective intelligence and insight.

It requires free registration to use this service.

Seminars/Conferences attended

Sh. R.N. Vashista, Sh. Saleem Anwer, Sh. R.P. Singh, Dr. Narender Kumar, Sh. Rajesh Singh, Dr. S.C. Jindal, Mrs. Aruna Garg, Mrs. Tasnim Zia, Mrs. Amarjit Kaur, Sh. Suresh Kumar, Sh. N.K. Jain and Sh. Poonam Dayal: Attended the 13th MANLIBNET National Conference on Repositions of Libraries for Users Empowerment Policy, Planning & Technology at University of Delhi, South Campus, 13-15 October 2011.

Dr. K.K. Taneja, Assistant Librarian: Attended the International Conference on Environmental Law and on Patent & Trademarks conducted by Faculty of Law and Law Centre-I in 2012.

Sh. R.A. Amrohi: Attended the International Conference at Walgat College of Applied Science at Muscat, Sultant of Oman.

Dr. Narender Kumar, Deputy Librarian: Attended International Conference on Convergence of Library Archives and Management, User Empowerment through Digital Technologies organized by NIFT and IFLA at New Delhi.

Statistical Data

S.No	Unit	Accession No.	Expenditure (in ₹)		Member-ship	Visitors	Documents		Periodicals	Subs. Periodicals	Book Written off
			Books	Periodicals			Circulation	Consultation			
1.	Central	3171	4363401	1506051	3146	51000	121000	386000	153400	384	4599
2.	Arts & Seminar	2360	2843292	3920314							
3.	South Delhi Campus	2499	5407808	6472068	1578	63570	34785	345795	12489	227	—
4.	Ratan Tata	1940	3985817	9057605	1570	155000	33486	38936	122526	305	0
5.	Faculty of CIE	889	288928	140943	453	5000	20000	120000	—	20	—
6.	Central Sc.	3625	6527048	20382988	2966	283325	203709	473076	1785	370	—
7.	Law Faculty	2061	980132	919270	1696	300000	9000	600000	100000	135	—
8.	FMS Library	650	1936000	1650000	889	30210	38475	4230	3500	78	Nil
9.	Faculty of Music & Fine Arts	123	47250	—	391	20000	10,000	20000		06	03
10.	Deptt. of Mathematics	225	—	—	—	—	—	—	1412	—	—
11.	Deptt. of African Studies	58	—	—	69	8400	7200	6000	—	—	—
12.	Deptt of Botany	138	—	—	275	2150	7352	10325	—	—	145
13.	Deptt of Chemistry	189									
14.	Deptt. of Computer Science										
15.	Deptt. of East Asian Studies	339	304166	91474	205	15102	2226	3505	3591	12	—
16.	Deptt. of English										
17.	Deptt. of GRS	500	474276	—	834	9600	650	14400	—	—	—
18.	Deptt of History		—	—	201	60000	240000	120000	405	13	—
19.	Deptt of L.I. Sc.										
20.	Deptt. of Linguistics	80	—	—	—	3785	4180	4675	300	—	—
21.	Deptt of Philosophy	17	—	—	250	5	500	200	10	15	—
22.	Deptt. of Physics	235	329499	—	739	4500	20070	31500	—	—	—

23.	Deptt. of SFUS										
24.	Deptt. of Social Work	108	114750	53550	216	4200	105000	415000	5160	30	—
25.	Deptt. of Zoology	104	291130	—	307	17500	8500	18000	—	—	—
26.	Braille	38	6005								
27.	Computer Centre	14	37950	31050	320	250	500	600	008	5	—
28.	Law Centre- I	1400	586000	268000	1710	170000	260000	150000	175	47	—
29.	Law Centre-II	930	365000	180000	1571	42000	40000	38000	6000	31	
30.	NCWEB	581	121550	—	425	12000	—	—	—	—	2184
31.	S.P. Jain Research Centre										
32.	W S.D.C.	86	67522	7405	—	840	—	5100	1	4	—
33.	South Zone										
	Total	22360	30110524	44680718	19811	1258432	1166633	2805342	410762	1682	6931
	Books as on 31.3.2011				=	1529304					
	Books added during the year				=	22360					
	Books Written off during 2010-11				=	6931					
	Books as on 31.03.2012				=	1544733					

WOMEN'S STUDIES & DEVELOPMENT CENTRE

Major Activities

The Centre's activities focused on research, teaching and community action during the period. The Centre in its capacity as the secretariat of the Apex Committee against sexual harassment, implements the Ordinance XX-D of the University. The Apex Complaints Committee dealt four cases during the period.

Research Schemes

<i>Titles</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Marriage, Autonomy and Engendered Violence. A Study of North West India.	Dr. Manjeet Bhatia, Ms. Syeda Jenifa Zahan, Ms. Harsha Arya	WSDC, DU
Gender and Decision Making Power in the Public Arena. A Comparative Study of India and Sri Lanka.	Prof. Sushma Batra, Dr. Shelly Tara	Indo-Sri Lanka Foundation and WSDC

Honours/Distinctions

Dr. Manjeet Bhatia: Associate of the UGC Inter University Centre for Humanities and Social Sciences at the Indian Institute of Advanced Study, Shimla.

Seminar/Conference held

The Centre organized Workshops titled 'Teaching Gender' and 'Understanding Feminist Theories'.

Seminars/Conferences attended

Dr. Manjeet Bhatia: Presented a paper on 'Domestic Violence. A Study' in an International Conference on 'Feminism and the Law' organized by Women's Studies Centre of ILS Law College, University of Technology Sydney and University of New South Wales Sydney, Australia, 10-12 February 2012.

Presented a paper titled 'Livelihood and Women. A case of honour killing' in the National Seminar on 'Women in India. Emerging Issues of Lives, Livelihood and Sustainable Development, organized by Punjab University at Chandigarh, 2 November 2011.

Visited IAS, Shimla as UGC Associate in its IUC programme and presented a paper on Rooted Patriarchies and Rootlessness of Women, Some Honour Killings Cases, Nov. 2011.

Ms. Shelly Tara: Presented a paper titled 'Cabs, Male Drivers and Midnight Commuting: Manufacturing Respectability of the Unmarried Women Agents of Call Centres in India' in a National Seminar on 'Women in India: Emerging Issues of Lives, Livelihood and Sustainable Development, organized by Punjab University at Chandigarh, 2 November 2011.

Publications

Tara, S. 2011. 'Marriage and Midnight Work. A Qualitative Study of Unmarried Women Call Centre Agents in India', *Marriage and Family Review*, 47(4): 197-212.

2011. 'Private Space in Public Transport Locating Gender in the Delhi Metro'. *Economic Political Weekly*, XLVI(51): 71-74.

DELHI UNIVERSITY WOMEN'S ASSOCIATION

Major Activities

DUWA runs two play schools-Durgabai Deshmukh Balwadi and Usha Ganguli Sishu Vihar. During the course of the year, both schools have organized various events for the children. A dental check-up programme was organized for the children.

Teaching Assistance was provided to the underprivileged children of the University employees. Several lectures were held during the course of the year as a part of the DUWA activities.

Members of the DUWAS, who are a part of DRISHTI Committee, have been reading lessons to the blind students and have also prepared recordings of lesson for the visually challenged.

NON-COLLEGIATE WOMEN'S EDUCATION BOARD

Major Activities

During the year under reference, as many as 581 Books for purchase out of which 364 Books for Under-graduate Courses and 217 Books for Post-graduate courses which were added in Under-graduate Libraries in the Teaching Centres located all over Delhi and Post-graduate Library respectively.

The Committee scrutinized the application of 518 Non-Collegiate students of B.A (Programme) and B.Com Part-I, II and III who applied for the grant of Financial Aid of ₹ 1500 each. The Sub-Committee after interviewing the candidates, selected 259 Non-Collegiate students for Financial Aid @ ₹ 1500 to each students (B.A. (Prog.) – 182 and B.Com – 77) during the academic session 2011-12 .

DEAN STUDENTS' WELFARE

The Dean Students' Welfare Office has been engaged in the following activities during the academic year.

Counseling Activities

E-Open Days: E-Open Days on Demand were introduced for the first time during this year. The response was remarkable as per DUCC feedback.

Open Days: Nine Open days in North Campus (Conference Centre) and three in South Campus (SP Jain Centre) were conducted.

Help Desk: Student Help Desk especially for North East students was put up at Arts Faculty during SC/ST registration process.

Web Chat: As preceding year, Web Chat was done with the help of DUCC, where Head of the various departments were invited to handle online queries. The excerpts of chat were also made available throughout the admission period for ready reference for prospective students.

Admission Activities

In 2011-12, the practice of Pre-Admission Form was discontinued. However, colleges were permitted to register prospective students on-line for the purpose of student profiling.

Central Placement Activities

The highlight of this academic year has been participation of two Japanese Companies eg. UNIQLO and Stralryo Next. Two DU students have been selected to act as country heads and will be joining Shanghai (China) in May 2012.

The office of the DSW organized Antardhvani 2012 and NCC Programme functions for students at University level.

DEAN ALUMNI AFFAIRS

Consequent to the appointment in August 2011 of Prof Sydney Rebeiro as Adviser Alumni Affairs AdAL, these administrative steps were taken to provide administrative - executive systemics to the Alumni Sector :

All existing records/files have been numbered, tabulated and designated since Platinum Year 1997 when the Office of Dean A A was instituted.

Dean A A publications, relevant DU Reports and books etc have been referenced and entered in permanent record and include

The First DU Alumni Directory released in

- The UN Year of Cultural Heritage 2002
- The First DU Alumni Newsmagazine *CapitAL* 2003
- DU Distinguished Alumni Heritage Cards 2002

The statutory DU Alumni Association DUAA Membership Record has been restructured, Membership Numbers allotted and codified and the entire Membership list has been electronically set .

The office duly notifies Membership Renewal date/s to individual Members and the provisions of DU Statute 43 are now strictly adhered to.

The Mission

- In the brief months since September 2011, Adviser A A has developed and begun earnest implementation of a series of major Alumni service – directed projects, programmes and activities with the current Mission :
- ‘Towards a meaningful, fulfilling DU – Alumni Dynamic’.
- To mark University of Delhi’s Year 90 (1922 – 2012) that seeks to reconnect and to (re) establish some meaningful links with the vast, hugely – varied and very dispersed alumni worldwide.

The Objectives

- To this end, AdAL has designed and positioned a Creative Corporate Construct viz, an operational ops Framework of duties called ‘AdAL Services Overview’ to foster, nurture and take forward umbilical links, to lend regular support and guidance to alumni wherever needed, to organise events and activities, to encourage eminent/ High Achiever alumni to serve as mentors, as DU Brandpromotors and as active contributors to DU’s immediate, medium and longterm purposes and interests in the service of its 406,000 students and, to the extent possible, develop bonds with a broad swathe of DU’s over 3.2 million alumni across five generations between 1922-2012.

The Instruments Thereof/Activities

This Construct seeks to provide directional continuum of Alumni service through activities such as.

- A unique DU Alumni Resource Bank generated by a series of (Academic / Corporate /Professional/Eminent Public Person /Civil Service / Cultural / Sports etc) Talent Pool.

CapitAL

- The Alumni Newsmagazine /ezine
- The Alumni Directory Volume 2 / edirectory
- Launch of Alumni interactive website
- Alumni- enabled / sponsored DU events and projects.
- Encouraging, facilitating and overseeing intergenerational alumni interaction through (the revival of) DU Alumni Fellowship Chapters and Clubs etc in India and abroad to foster mutual goodwill and supportiveness.

Nurture and strengthen positive, creative and constructive links with alumni and to seek to be a reference-point for alumni vis a vis The University of Delhi.

Developing a select InvitationsList to DU special events such as Convocations /Special Public Lectures and so on.

Providing appropriate platforms within the systems for alumni mentorship, funding and support and Establishing the DU Alumni Advisory Council nominated by the Vice Chancellor in his /her capacity as Patron-in-Chief, comprising alumni across several disciplines and calling and with transgenerational representation, directed towards the advancement of DU heritage, expansion, tradition and development.

Panel of Core Coordinators

- To encourage more effective links with Departments, Colleges and Centres, faculty members have been nominated by the concerned institution / Adviser AA and the Panel/s will meet from time to time for feedback towards improved services and programmes

Alumni Representatives

- Heads, Principals and Directors have been invited to nominate upto 5 alumni to facilitate greater interaction and fellowship and joint programmes and activities.
- To ensure comprehensive, inclusive coverage of events, personalities and projects, AdAL reaches out regularly to Deans, Heads, Principals and Directors and other DU service-directed stakeholders.

Alumni Response : The Bonding Begins

The prime challenge was to bring a massive University and its impersonally-distanced alumni into direct, even personal, Relationship Dynamic.

Our alumni reflect and indeed posit the brilliant history of the University of Delhi's pioneering, globally – acknowledged multi – level multidisciplinary-ranged services. As a result of Adviser AA's strategic multi – channel Reaching Out since September 2011, alumni across – the – board have *Signed On* in what is New Beginnings of significant resonance of the DU – Alumni Dynamic.

Alumni on the DU Radar

The sheer range and brilliance of alumni who are listed, enrolled, SignedOn is overwhelming.

Chairman Dunlop / Founder Prez Helpage M M Sabharwal 1942, Governors Ved Marwah 1954, M L Khurana 1956 (also Chief Minister) , Arvind Dave 1961 and Gopalkrishna Gandhi 1966, Corporate Giants Rahul Bajaj 1958, DCM - SRF's Arun – Vinay – Vivek – Manju Bharat Ram, Anil *Archies* Moolchandani 1972, Naveen Jindal (also MP) 1990 and *RanbaxyFortis'* Malvinder 1993 and Shivinder Mohan Singh 1996, The late Lalit Suri 1967, Chairman Max India Analjit Singh, Subhash Goyal 1972, *Nobel Peace Laureate* Aung San Suu Kyi 1964.

Cabinet Ministers Dr Karan Singh 1961, Virbhadra Singh (also Chief Minister), K Natwar Singh 1952, Kapil Sibal 1969, Arun Shourie 1961, Mani Shanker Aiyar 1963, Arun Jaitley 1977, Salman Khurshid 1973, Krishna Tirath, Dr Ashwani Kumar 1975 and Sachin Pilot 1996, Chief Ministers Sheila Dikshit 1959, Ajit Jogi 1966, Mayawati 1976 and Naveen Patnaik 1965, *Legend Alive* Amitabh Bachchan 1962, Roshan *Nehru* Seth 1963 (1000-plus film-theatre artiste) , Kulbhushan Kharbanda 1964, Kabir *Italy's Sandokan* Bedi 1965, Shekhar *Bandit Queen/Mr India/ Masoom/ Elizabeth* Kapur 1966 Deepa *Earth – Fire – Water* Mehta, Rajiv *Conversations – FUR – PSBT* Mehrotra 1973 also Foreign Secretary /NSA Shiv Shanker Menon IFS 1970, senior Parliamentarian - mediaperson Dr Chandan Mitra 1977, Brinda Karat MP 1971, George Verghese 1946, Dr. Prannoy *NDTV* Roy 1978, Pankaj *HT* Vohra 1977, Arnab *Times Now* Goswami, top bureaucrats Ajit K Seth Cabinet Secretary, Principal Secretary to Prime Minister Pulok Chatterji, CBI Chief A P Singh 1973 and Delhi Power Secretary Shakti Sinha 1978.

In DU- Rootedness with Mira *Monsoon Wedding* Nair, Satish Kaushik 1975 , Rakesh Bedi 1976 , Shah Rukh Khan 1988 , Anurag *Dev D/ Satya / Gangs of Wasseypur* Kashyap 1993, Arjun Rampal, Imtiaz *Jab We Met/Love Aaj Kal/Rockstar* Ali 1994 and Richa GoW Chadha 2005.

Sharing a charismatic Collective of DU inheritance –nurture with Chief Justices of India M M Punchhi 1955, B N Kripal 1961 and Y K Sabharwal 1964, Supreme Court Judges B P Singh 1963, Arun Kumar 1965 and (now) M B Lokur 1977, High Court Chief Justices Arun B Saharya 1967, Vijender Jain 1969, Mukul Mudgal 1970 and (now) Arjan K Sikri 1980 and Vikramajit Sen *Andhra Pradesh*, High Court Judges J K Mehra, Mool Chand Garg 1974, B D Ahmad 1975, Gita Mittal 1978, Rajiv Sahai Endlaw 1979, Sanjay K Kaul 1982 (and brother Senior Advocate Neeraj Kishan Kaul 1987) and Manmohan 1987 *Delhi*, D Y Chandrachud 1982 *Bombay*, Raghuvendra Rathore *Rajasthan* 1974, Ajay

K Tripathi *Patna* 1979. V K Ahuja 1973 and Deepak Gupta 1978 *Himachal*, Judge George G Paracken *CAT Principal Bench* 1978, S C Parija 1979. Indrajit Mohanty 1984 and S K Misra 1987 *Cuttack*, Tinliathan Vaiphei *Gauhati* 1979 District Judge D C Anand 1971 Additional Solicitor General of India Amarjit Singh Chandhiok 1972 and Additional Advocate General *Uttrakhand* Pinky Anand 1981 and present Commissioner of Police Delhi Neeraj Kumar 1975 with his accomplished pianist daughter Ankita Kumar, India's first lady DGP Kanchan Chaudhury Bhattacharya 1971 past CPs A S Samra (Bombay) R S Gupta 1971 and Ved Marwah 1953 (*Delhi*), Chief Election Commissioners of India J M Lyngdoh, N Gopaldaswami, Navin B Chawla 1965 and Dr. S Y Quraishi 1969 and CAG Vinod Rai and Major General Sandeep Kumar 1973.

Sharing DU Inheritance consonance with *Chairman Reliance Entertainment* Amit Khanna, santoor artiste-symphony composer Abhay Sopori 1997 and brilliant young sarod maestros Amaan 1999 and Ayaan Ali Khan 2001, cricketers Mohinder Amarnath 1975 and Gautam Gambhir 2001 and world University goldmedallist Puja Talwar 2012.

In creative consonance with Commonwealth Best Writer Sujatha Rao 1966, Shashi Tharoor 1975, Daman Singh and Manju Kapur Dalmia, Nirmal Verma, Nirmal Verma, Indu Jain 1994, internationally acclaimed authors Amitav Ghosh 1976, Upamanyu Chatterji 1982 and Irwin *Crossword Prize* Allan Sealy 1971, besides theatre-designer and Jaipur LitFest co-Director Sanjoy K Roy 1982 also UPSC/IAS/IFS toppers who include Prasanna Hota 1969, Veena Datta Sikri 1970, Srivatsa Krishna 1994, Iqbal S Dhaliwal 1995 and Alok Ranjan Jha 2001.

With several alumni becoming Vice-Chancellors in India and abroad such as Prof. Dinesh Singh, Vice Chancellor Vice Chancellor, *Delhi University/PhD Imperial UK/Houston USA*, Prof. Prem Patanjali *Poorvanchal*, V R Mehta 1965 and Deepak Nayyar 1967 D U And Mitra Dutta *Illinois USA*, M Kidwai *Jiwaji*, A K Bakshi *UP Rajarshi Tandon Open University Allahabad* and Rajan Saxena *NMIMS Mumbai* 1979.

COMPUTER CENTRE

Major Activities

During the last one year, DUCC has concentrated on ensuring high bandwidth reliability and availability at the user end and consolidation of the initiatives taken last year. The connectivity via VPN network which was already established last year now connects all colleges most of which also have now been put on Active-Directory domain where students and faculty use proper authentication systems to connect to internet and Wi-fi systems installed in these colleges.

DUCC continues to upgrade its infrastructure to meet the requirements of high bandwidth usage. A separate 1000 Mbps connection has been provided to South Campus through National Knowledge Network. DUCC, very recently, has put in place a new UTM/Firewall system which has huge capacity and can handle the bandwidth consumption up to 2000

Mbps. Current bandwidth utilization for North Campus is already touching 500 Mbps. The UTM system provides reliability through full redundancy and load balancing using duplicate hardware. A similar set of UTM devices are being installed in the South Campus. DUCC has also initiated the process of procuring new enhanced models of its Core Switches which will operate in fail-over mode. A similar set of these switches are being procured for South campus as well. DUCC continues to upgrade its edge network by replacing with gigabit switches wherever required. DUCC continues its efforts to ensure use of proper licensed operating systems, anti-virus software and latest versions of software such as Microsoft Office, Adobe Creative Suite systems etc.

The information page on the popular social networking site, Facebook, which was launched last year now has around 2 lakh likes, which is almost double of last year. DUCC also continues to maintain a central DU website and provides the latest information relating to admissions, examinations etc to all its users. DUCC also continues to host and maintain the web pages for its faculty, departments and colleges.

DUCC organizes and provides training to PG students, research scholars, faculty and staff of its colleges and departments in basic usage of computer systems and even in advanced specialized areas. This year, many training programmes were additionally organized in basic computing specially for the staff members to increase IT usage across the University.

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

Major Activities

The University Science and Instrumentation Centre (USIC) maintains sophisticated analytical instruments for the researchers and faculty members in various science departments of the University and its affiliated colleges.

New instruments added to the facility

- B.E.T. surface analyzer-installed.
- Vibrating sample magnetometer-Installed.
- Photo luminescence set up (325 nm, 488 nm with temperature attachment (-196 to 500° C) Installed.
- Impedance spectroscopy with frequency and temperature variation is installed.

Special training programmes.

25 research scholars were trained on applications of Laser Raman spectroscopy.

25 research scholars were trained by Prof. Sudhi Sant, IIT Kharagpur on transmission electron microscopy.

GANDHI BHAWAN

Major Activities

On 2nd October 2011, Gandhi Bhawan celebrated Gandhi Jayanti. The Chief Guest Prof. Vivek Suneja, Pro Vice Chancellor, University of Delhi addressed the audience. Bhajans and prayers were presented. Kalindi College students staged a play 'Mahatma Kya Tum Zinda Ho', students presented Gandhiji ke priye bhajans, recited Hymns from Bible and Shabad from Guru Granth Sahib on this occasion. Preaching from Bhagwat Gita was given by Swami Satyeshananda Ji Maharaj, Senior Monk, Ramakrishna Mission, New Delhi. Musical tribute to Mahatma was also presented. On 5 November 2011 a classical music concert was organized in collaboration with Prawah Music Society. On 15-25 December 2011: Gandhi Bhawan organized the annual Gandhi Darshan Yatra to Gujarat for the students of colleges and departments of University of Delhi. On 20 January 2012 an interactive session was held with participants of Gandhi Darshan Yatra for sharing their experiences. On 30 January 2012 Gandhi Bhawan observed the 64th Martyr's Day to pay tribute to Mahatma Gandhi. Musical tribute to Mahatma was also presented. A group of students presented Charkha spinning. Prof. Dinesh Singh, Hon'ble Vice Chancellor, University of Delhi addressed the audience and distributed certificates to the participants of Gandhi Darshan Yatra. On the same day, the Hon'ble, Vice Chancellor inaugurated free Legal Aid Clinic in collaboration with Delhi State Legal Services Authority. The Director, Gandhi Bhawan announced the other activities; (i) Charkha Spinning Training, (ii) Mentoring for Academic Enrichment for underprivileged children of society. The Psychological Counseling Center was re-started. Play 'Muawaze' by Bhisham Sahni was staged in collaboration with Zakir Husain Delhi College. A lecture was held in collaboration with Gandhi Study Circle of Miranda House by Dr. Pushpa Motiyani, Head, Peace Research Centre, Gujarat Vidyapith, Ahmedabad, Gujarat. On 13 March 2012, Yoga and Naturopathy Consultation programme was organized and consultation from experts was provided for all kind of diseases and healthcare. On 15 March 2012, Gandhi Bhawan organized the finals of declamation contest on the theme, 'Gandhian Ideas of Simplicity and Selflessness: Their Relevance in Modern Era.' This contest was held amongst the best entries sent to Gandhi Bhawan by the respective colleges. On 25 March 2012 a classical music concert in collaboration with Sangeet Sankalp was organized.

DIRECTORATE OF HINDI MEDIUM IMPLEMENTATION

Major Activities

The year 2011-12 was remarkable year for the DHMI as we took part in the 20th World Book Fair organized by NBT held at Pragati Maidan from 25 February to 4 March 2012. We had a record sale of ₹ 3,20,670/- an all time achievement (some orders supplied later). We brought out 8 new titles, revised 3 and reprinted 11. The Directorate published approximately 67,500 copies. The Director, Dr. Asha Gupta, brought a book on the 'Changing Perspective of Higher Education' from the DHMI, contributed on article on Deemed to be

Universities in India to the 'International Higher Education' and presented a paper on 'How to Preserve Academic Integrity under market economy?' at the University of Perth in Australia in September 2011.

New Titles:

1. *Arya: Sanrachana ek Punragathan* by Romila Thapar 1100 copies
2. *Sharirik Shiksha mai Prayogic Mapan, Mulyankan Tatha Khel Chayan* by D.K. Kansal 1100 copies
3. *Baddalti Duniya mein Bharat Ki Videshniti Part-I* by V.P. Dutt 1100 copies
4. *Vishwa Itihas Pramukh Mudde : 20be Shatabdi ed.* By Anirudh Pandey 1100 copies
5. *Bhartiya Itihas : Ek Punarvichar* by R.S. Sharma 1100 copies
6. *Paryogatamk Siksha Manovigyan* by Hans Raj Pal et. al. 1100 copies
7. *Shiksha Samajik Paripakesh* by Chand Kiran Saluja 1100 copies
8. *Uchtar Siksha ke Badalte Ayam* by Dr. Asha Gupta 1100 copies

Revised Titles:

1. *Bharat me Istri Asmanta* by Gopa Joshi 1100 copies
2. *Adhunik Europe ka Itihas: Ayam avam Dishyan* et.al. by 1100 copies (Devesh Vijay, Meena Bhardwaj, Vandana Chaudhari)
3. *Rajniti Kosh* by Subhash Kashyap, Vishavprakash Gupt 1100 copies

Reprint Titles:

1. *Prambhik Bharat ka Arthik aur Samajid Itihas* by R.S. Sharma 1100 copies
2. *Bharat ka Savatantrta Sangrash* by Bipin Chander and other 10,600 copies
3. *Azadi ke bad ka Bharat : Bipin Chander and other* 5300 copies
4. *Prachin Bharat ka Itihas* edited by D.N. Jha and K.M. Srimali 10,600 copies
5. *Madyakalin Bharat Part-I* edited by Harish Chand Varma 10,600 copies
6. *Madyakalin Bharat Part-II* edited by Harish Chand Varma 10,600 copies
7. *Adhunik Bharat ka Itihas* edited by Ramlakhan Shukl 2200 copies
8. *Bharat me Upniveshavad aur Rashtravad* edited by Satya M. Roy 1100 copies
9. *Gandhi ka Arthik aur Samajik Chintan* by Pardeep Kumar Panday 1100 copies
10. *Europe ka Itihas* edited Parthsarathi Gupta 1100 copies
11. *Rajniti Sidahant* edited Gyan Singh Sandu 1100 copies

Publications

Gupta, A. 2011. Published a book on Higher Education: Changing perspectives from the DHMI in Hindi.

2011. Contributed an article 'Deemed Universities in India: Confusion Reigns to International Higher Education. 63, Boston Spring.

Presented a paper 'How to Preserve Academic Integrity under Market Economy'? at the University of Perth in Australia, 26-28 Sept. 2011.

CULTURE COUNCIL

Major Activities

The Culture Council in collaboration with Shaheed Bhagat Singh College organized an Inter College drama festival at Shri Ram Centre of Performing Arts at Mandi House, 26 September 2011.

Vande Matram – Choir and Classical dance Competition at Deen Dayal Upadhaya College, 27 September 2011. The Culture Council has been organizing this event for past 6 years.

'Jis Lahore Nai Dekhya, O Jamiyai Nai' – an acclaimed play of the eminent playwright Asghar Wajahat. It based on the story of an old Punjabi Hindu woman who gets left behind in Lahore, after the Partition of India, and then refuses to leave at Sir Shanker Lal Hall, 13 October 2011.

Clay Modeling Workshop for students' at University Centre Lawn, 21-22 October.

Muavze – an acclaimed play of the eminent playwright Sh. Bhisham Sahni at Zakir Husain College, Delhi, 22 October 2011.

Songs of India – Choir Competition at Bhaskaracharya College of Applied Sciences, 24 October 2011.

To commemorate the 150 Birth anniversary of Gurudev Rabindranath Tagore the Culture council organized the Dance Drama 'Chitrangada' in collaboration with Kamala Nehru College at Sir Shanker Lal Concert Hall, 3 November 2011.

Inter College Extempore debate Tantra. The Culture council has been organizing this debate for the past ten years, 6 January 2012.

Supported Vasant Utsav a programme of Faculty of Music and Fine Arts, 28 January 2012.

Qawwali Competition at Gargi College, 11 February 2012.

Kavi Sammelan at Shyama Prasad Mukherji College, 16 February 2012.

Inter College Essay Writing Competition to celebrate the birth centenary of two eminent litterateur Ram Vilas Sharma and Vishnu Prabhakar, Hansraj College, 17 February 2012.

Participated in 54th Flower Show at the University Stadium, University of Delhi, 2 March 2012.

Delhi University organized its first Annual Cultural Festival – Antardhvani 2012. Students from all colleges of Delhi University participated in the events which were held in the four day festival. The other cultural events included songs of India popular songs, classical dances, choreography, street play and street dance, Ghazal singing, Photography and Painting Competition and Exhibition.

DELHI UNIVERSITY SPORTS COUNCIL

Major Activities

Sports must help to produce enlightened men and women who are capable of generous initiatives towards society. The equality of chances between players, the impartial referring of competitions and the fair play of winners and losses alike are elements which encourage the practice of the virtue of justice.

Delhi University Sports Council has organized an Invitational Football Tournament (Challenger Futsal Cup 2012) in the month of March where 32 teams from different colleges, Universities of Delhi and NCR have participated. The tournament was played in University Stadium in late evening in flood lights.

A lot of discussions and deliberations were made for the sports policy of Delhi University through different committees and in meetings at various platforms. Delhi University Sports Council invites the suggestions and inputs for the better future of the sports in Delhi University and focused for the overall development of students of University of Delhi through sports. The proposal for establishment of long term development plan for developing International players through our University is in progress especially for Football, Athletics, Shooting and Archery.

FOREIGN STUDENTS' REGISTRY

Major Activities

The Foreign Students' Registry office received about 2000 applications in the academic year 2011-12 from foreign Nationals coming from 55 different countries of the world. about 700 eligibility letters were issued and 560 students were admitted in various programmes. Indian Council for Cultural Relations sponsors students under different courses and 96 foreign students were admitted under ICCR. Total number of foreign students studying in Delhi University in the academic year 2011-2012 is about 1250.

ADVISOR-GRIEVANCES

Major Activities

As part of a fresh initiative and to give concrete shape to his vision to reach out to different sections of the University community, the Vice-Chancellor revived the office of the Advisor (Grievances) to address the long pending demands of the teachers and Karamcharis to create a proper grievance redressal mechanism in the University. Initially, it was envisaged that the said Officer will look into the grievances of University and college teachers only. But gradually, as the cases of Karamcharis were also referred to him, his office became a nodal point for different sections of University employees to accelerate the process of resolving their grievances.

The Office of the Grievance Officer created in 1997 was gradually allowed to lapse after a few years of its successful functioning. Since then, the University community had always felt the need for some effective grievance-redressal mechanism. The appointment of Advisor (Grievances) has been a welcome step in this direction.

The newly created office primarily deals with cases of teachers relating to P.F., Pension, Retirement, Benefits, Leave, Promotion, L.T.C., fixation of Pay & Anomalies, Representation on University Bodies, Payment of Bills including Medical Re-imbusement etc.

Since its inception the office has drawn up a plan to address the grievances of teachers in a time-bound manner. In the coming years, the office hopes to unfold itself in a way so as to address meaningfully the grievances of the University and College employees in general and the teachers in particular.

WUS HEALTH CENTRE

Major Activities

At present, the services of the WUS Health Centre cover the entire area of Delhi. Health service facilities are provided to the University community. The total number of patients attended at the OPD and clinical services in the WUS Health Centre was 2,53,011. It also provide specialist consultancy services for ENT, Dental, Orthopaedic, Cardiology, Gynecology, Psychiatry, Skin and Optometry (Eye) and para medical services in Physiotherapy, ECG, injections, dressing, laboratory tests, Microbiology, X-Ray Unit, Malaria clinic, night emergency, ambulance, medical examination/fitness certificate, Ayurvedic OPD and Integrative Counseling Test Centre.

NATIONAL SERVICE SCHEME

Major Activities

The National Service Scheme organized the following programme during the year:

About 400 NSS student volunteers drawn from 60 colleges participated in Orientation course.

Launching of Legal Aid Cell at Gandhi Bhawan.

Selection of NSS volunteers for Republic Day Parade-2012.

NSS volunteers were actively participated National Integration Camp.

Blood Donation Camps were organized in most of the college in collaboration with Government agencies.

NATIONAL CADET CORPS

Major Activities

During the year 3,00,15 boys and girl cadets from various schools and colleges joined the NCC's three wings--Army, Navy and Air Force in both the Senior and Junior Divisions.

Specialized training was imparted to the Girl Cadets in Armed Forces, Self defence, Poster Training, Nuring and Training, Ecology, Para Sailing, First Aid, Para Training, Self Grooming. 50 cadets attended adventure training activities.

UNIVERSITY EMPLOYMENT INFORMATION AND GUIDANCE BUREAU

Major Activities

The University Employment Information and Guidance Bureau is rendering service to students as well other in the field of career guidance, information on employment opportunities, various public examination for employment. During the year 1,48,268 candidates registered through online. 8,206 Vacancies received, 701 employers filed requisition, 11,02,288 candidates sponsored and 1,040 candidates placed.

GUEST HOUSE

Major Activities

Special catering arrangements were provided to 15,233 requests of Lunch/Dinner/Hi Tea/Conferences/Meetings/Seminars during the said period.

During this period 3482 Guests were provided food and accommodation.

INTERNATIONAL GUEST HOUSE

Major Activities

Special catering arrangements were provided to 516 requests of Lunch/Dinner/Hi Tea/Conferences/Meetings/Seminars during the said period.

During this period 1266 rooms were provided for accommodation and messing.

UNIVERSITY PRESS

Major Activities

The University Press has taken various printing jobs, such as printing of degrees, Mark Sheets, Answer Books, Prospectus Yearly Review, Printing of examination forms and several other items of the University. The Press Advisory Committee finalized the empanelment of printers. Binding rates have also been revised.

The number of jobs executed during financial year were 1012 valued at ₹ 1,44,05.258/- and 1214 docketts were opened.

GARDEN COMMITTEE

Major Activities

The following New Lawns and Gardens were developed/renovated by the Garden Committee:

(i) Mughal Garden, (ii) Lawns in Finance Officer Campus Office, (iii) Lawns at Maurice Nagar Residential area, (iv) Lawns and Garden of University Sports Complex, (v) Lawns and Garden at DUSU office, (vi) Lawns and Garden in Anthropology Department and Zoology Department, (vii) Maintenance of Lawn and Garden at Dhaka Complex.

The Garden Committee participated in the Annual Flower Shows, organized by the Indraprastha Horticulture Society, Delhi and YWCA. A painting competition for School and College students under different age groups was organized at the lawn of Faculty of Arts, University of Delhi.

54th Annual Flower Show was held on 2nd March, 2012 at Sports Complex, University of Delhi. About 100 running cups/trophies were awarded and several cash prizes were distributed to the Malis/Exhibitors.

DELHI UNIVERSITY SOCIAL CENTRE CO-ED. SCHOOL

Major Activities

All the students were provided money for books and uniform with the support of Directorate of Education. SC/ST, OBC and Minority students were also provided scholarship and stationary for meritorious performance. Girls students are given financial support as part of Ladli Scheme.

Received grant of ₹ 1.10 Lacs from Ministry of Earth Science, Government of India. The School utilized this amount in organizing the Earth Science Week.

AMBEDKAR-GANGULY STUDENTS' HOUSE FOR WOMEN

Major Activities

During the period, various cultural activities were held in the Hostel with the help of the elected Students' Welfare Association Executive members and hostel authorities.

The Annual function of the hostel was celebrated on 18 February 2012 with pomp and show. Dr. Janaki Abraham, Department of Sociology, Delhi University was the Chief Guest on this occasion. The students performed several musical and cultural activities on the state which were highly applauded by the guests.

GEETANJALI HOSTEL

Major Activities

Painting, Creative Writing, Collage, Photography and Sports competitions were held and the residents were given prizes during the Annual Day celebrations. The hostel organized its Annual Cultural Nite on 2 March 2012. A Workshop on Photography and Collage making was conducted by Dr. Nirmalaya Samanta of Deshbandhu College on 19 Jan. 2012.

D.S. KOTHARI HOSTEL

Major Activities

The hostel successfully organized Annual Function AAHANG-2012.

Existing Union Room has been extended/converted into Union Room-cum-Library.

All the National Days and festivals were celebrated to familiarize the residents with the Culture of National and International Students.

NORTH-EASTERN STUDENTS' HOUSE FOR WOMEN

Major Activities

There are 100 rooms and 1 guest room in the North Eastern Students' House for Women, of which 70% of the the seats are reserved for students from the seven sates of the North Eastern Region and 30% of the seats are open for students from other states.

All the National Days and festivals were celebrated to familiarize the residents with the Culture of National and International Students.

V.K.R.V. RAO HOSTEL

Major Activities

All the National Days and festivals were celebrated to familiarize the residents with the Culture of National and International Students.

A Spic Macay event was organized on 21 January 2012 so that the residents could have been familiar with the Glorious Indian Classical History.

A Cultural evening was organized in the hostel premise on 17 March 2012.

WUS UNIVERSITY HOSTEL

Major Activities

All the National Days and festivals were celebrated to familiarize the residents.

WUS University Hostel is residence for women, teachers of the university, visiting teachers and Post-doctoral researchers, with a capacity of 18 rooms.

P.G. MEN'S HOSTEL

Major Activities

The office bearers for the P.G. Men's Hostel union were elected by the residents of the Hostel. The Union was fairly active throughout the year. All the National Days and festivals were celebrated to familiarize the residents.

JUBILEE HALL

Major Activities

The Jubilee Hall is a prime hall of residence for full time post graduate and research students of the University of Delhi. All the National Days and festivals were celebrated to familiarize the residents.

MEGHDOOT HOSTEL

Major Activities

The Hostel night 'Meghyamini' was celebrated on 14 April, 2012. The Chief Guest of the event was Vice-Chancellor, University of Delhi. The Guest of Honour was Finance Officer, University of Delhi. All the National Days and festivals were celebrated to familiarize the residents.

MANSAROWAR HOSTEL

Major Activities

The hostel is organizing fresher party and New Years day inviting alumni and other guests. All the National Days and festivals were celebrated to familiarize the Residents.

UNIVERSITY HOSTEL FOR WOMEN

Major Activities

Established in the year 1973, University Hostel for Women is an important landmark of the University of Delhi. Home to over 350 women hailing from various parts of the country. All the National Days and festivals were celebrated to familiarize the Residents.

GWYER HALL

Major Activities

Gwyer Hall is the oldest and prestigious men's post graduate hostel of the University of Delhi. Over the years Gwyerians have made their presence felt in the walks of life in India and abroad. All the National Days and festivals were celebrated to familiarize the Residents.

INTERNATIONAL STUDENTS HOUSE

Major Activities

The International Students' House was set up in 1964 by Indian Council for Cultural Relations, Ministry of External Affairs for foreign students and post graduate Indian students.

All the National Days and festivals were celebrated to familiarize the Residents during the event, various prizes, honours and certificates were awarded to the deserving residents'.

INTERNATIONAL STUDENTS' HOUSE FOR WOMEN

Major Activities

The Annual Guest night function was organized on 1 March 2012, under the theme of 'Pink Ribbon-United colors of ISHW'. High Commissioner of Malawi was the Chief Guest. Many dignitaries from various Embassies and University graced the occasion.

SARAMATI POST-GRADUATE MEN'S HOSTEL

Major Activities

The Saramati Post Graduate Men's Hostel provides residential facility to the students from the North Eastern Parts of the country studying in University of Delhi as well as other students pursuing academic programmes and bonafide students of South Delhi Campus. Latest Computer and wireless network system have been installed to provide online internet/intranet connectivity to all the residents.

ARAVALI POST-GRADUATE HOSTEL FOR MEN

Major Activities

The Hostel provide accommodation facilities for the Research Scholars and post graduate students of University of Delhi, South Campus. All the National Days and festivals were celebrated to familiarize the Residents.

PLAN DEVELOPMENT FUND/OBC EXPANSION FUND/ EXCELLENCE GRANT/MERGED SCHEME

The UGC released the following on account grant to the University of Delhi:

₹ 62.00 crore under the General Development Grant for implementation of OBC Reservation in Admission ₹ 2.00 crore recurring and ₹ 20.00 crore non-recurring for University Departments and ₹ 5.00 crore recurring & ₹ 35.00 non-recurring for Colleges.

₹ 33.00 crore under XI Plan General Development Grant.

₹ 90.00 crore non-recurring grant under OBC Grant for Implementation of OBC Reservation in Admission ₹ 50.00 crore for University Deptts. and ₹ 40.00 crore for Colleges.

₹ 33.00 crore as Special Grant under XI Plan General Development Grant as an Institute of Excellence.

The UGC approved an additional grant of ₹ 73.25 crore under OBC Grant for Delhi University Departments for constructing student's Hostels.

The UGC approved the revised total allocation under XIth Plan Merged Scheme to ₹ 7.74 crore in placed of earlier allocation of ₹ 6.17 crore.

The UGC approved the allocation of funds to the following Centres/Departments under its Special Assistance Programme:

Botany:

The UGC conveyed its approval of the Special Assistance Programme at the level of DRS-I for a period of five years. The following financial assistance has been approved:

Non-Recurring	:	₹ 35.00 lakh
Recurring	:	₹ 10.80 lakh (+ 1 Project fellow)
Total (NR+ R) for 5 years	:	₹ 45.80 lakh

Zoology:

The UGC conveyed its approval for continuation of the Special Assistance Programme from the level of CAS-VI to CAS-VII for a period of five years. The following financial assistance has been approved:

Non-Recurring	:	₹ 60.00 lakh
Recurring	:	₹ 77.00 lakh
Total (NR+ R) for 5 years	:	₹ 137.00 lakh

Geology:

The UGC conveyed its approval for continuation of the Special Assistance Programme at the level of CAS-I to CAS-II for a period of five years. The following financial assistance has been approved:

Non-Recurring	:	₹ 115.00 lakh
Recurring	:	₹ 26.00 lakh
Total (NR+ R) for 5 years	:	₹ 141.00 lakh

UNIVERSITY FINANCE
Annual Accounts for the year 2011-12.

A. University of Delhi

1. Balance Sheet
2. Income and Expenditure Account
3. Receipt and Payment Account
4. Schedule forming Part of Balance Sheet: Schedules 1,2,3,4,5,6.
5. Schedule forming Part of Income & Expenditure: Schedules 7,8,9,10,11,12,13,14.
6. Significant Accounting Policies
7. Contingent Liabilities and Notes on Accounts

B. Provident Fund Account

8. Consolidated Balance Sheet
9. Consolidated Income and Expenditure Account
10. Consolidated Receipt and Payment Account

C. University Press

11. Balance Sheet
12. Profit and Loss Account
13. Receipt and Payment Account

D. Halls and Hostels

14. Consolidated Balance Sheet
15. Consolidated Income and Expenditure Account
16. Consolidated Receipt and Payment Account

BALANCE SHEET AS ON 31 MARCH 2012.**CAPITAL FUND AND LIABILITIES**

	Schedule No.	Current Year	Amount in ₹ Previous Year
Capital Fund	1	5673753128	5367398505
Reserves and Surplus	-		
Earmarked/Endowment Fund	2	9442288126	8005335505
Secured Loans and borrowings	-		
Unsecured Loan and borrowings	-		
Deferred Credit Liabilities	-		
Current Liabilities and Provisions	3	80615715	64337569
Total :		15196656969	13437071579

ASSETS

Fixed Assets	4	5183231757	5052968434
Investment - From Earmarked/ Endowment Funds	5	287835500	421106500
Investment - Others	-		
Current Assets, Loan, Advances etc. Miscellaneous Expenditure (to the extent not written off or adjusted)	6	9725589712	7962996645
Total :		15196656969	13437071579

Significant Accounting Policies	15
Contingent Liabilities and Notes on Accounts	16

**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED
31 MARCH 2012**

Particulars	Schedule No.	Current Year	Amount in ₹ Previous Year
(A) INCOME			
Grants/Subsidies	7	2955982000	3056754000
Fees/Subscriptions	8	592098814	590208238
Income from Royalty,			

Publication etc.	9	1396631	9126926
Interest Earned	10	19138928	8040312
Other Income	11	85267637	40889960
Total (A) :		3653884010	3705019436

(B) Expenditure

Establishment Expenses	12	2460018700	2681978028
Other Administrative Expenses	13	806448237	773747442
Expenditure on Grants, Subsidies etc.	14	107500054	78558628
Depreciation		344547275	372585429

Total (B) :		3718514266	3906869527
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Excess of Income over Expenditure/ (Expenditure over Income)		(64630256)	(201850091)
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Balance being Deficit carried to Capital Fund		(64630256)	(201850091)
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Significant Accounting Policies	15
Contingent Liabilities and Notes on Accounts	16

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2012

Receipts	Current Year	Amount in ₹ Previous Year
I. Opening Balances		
Bank Balance		
(i) Current Account	184429464	289738466
(ii) Savings Accounts	4953281007	2886072171
(iii) Deposit accounts	1725552079	1673470877
II. Grants Received		
From UGC	2955982000	2878732000
III. Interest Received from Investment	19138928	8040312
IV. Other Income		
Fees and Subscriptions	592098814	590208238
Sale of Publications	1396631	9126926

Income from Licence Fee, Rent etc.	9253003	6795375
Miscellaneous	71998371	27929589
Sale of Raddi/obsolete Items	4016263	6164996

V. Any other receipts

Advances	-----	15885511
Other Receipt from Earmarked funds	4207153635	4663326567
Other receipts	418129	360438
Deductions	-----	331709461
Other body transaction	39782300	39473515
LTC advance	-----	9944369
Medical Advance	-----	2537781
Festival Advance	1220900	1107250
Maturity of investment of Earmarked fund	133271000	-----

Total :	14898992524	13440623842
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RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2012

Payments	Current Year	Amount in ₹ Previous Year
I. EXPENSES		
(a) Establishment Expenses		
Salary and allowances	2460018700	2681978028
(b) Administrative Expenses		
Administrative expenses	817238198	761312154
Grants & subsidies	107500054	78558628
II. Payments against earmarked funds	2468037893	2465582442
III. Investments and deposits made	—	77854000
IV. Expenditure on Fixed Assets		
Purchase of Fixed Assets (Net of Auction amount)	462524446	113039115
V. Finance Charges	121510	79273
VI. Other Payments		
Other body transaction	14413515	31062937
Festival Advance	1170000	1317300
Advances	267418622	—

Permanent Advance	332175	92600
Medical Advance	—	2018181
LTC Advance	1360924	9010166
Remittances	1939982	355456468

VII. Closing Balances

(ii) Bank Balance

(a) Current Accounts	140719577	184429464
(b) Savings Accounts	2543008800	4953281007
(c) Deposit Accounts	5613188128	1725552079
Total :	14898992524	13440623842

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31 MARCH 2012

Schedule 1: Capital Fund	Current Year	Amount in ₹	
		Previous Year	
Balance at the beginning of the year	5367398505	1706100323	
<i>Add : Fixed Assets purchased out of Earmarked Funds</i>			
(a) Plan Account	221023064	1009585427	
(b) Miscellaneous Account	18426808	36977609	
(c) Other Earmarked Fund	114802175	2809286471	
(d) Admission Processing charges	2053111	1703934	
(e) Assets not capitalised in previous year	1500000	1035750	
(f) Project Account	12453039	5634303	
(g) Adjustment relating to ACBR	1268521	—	
(h) Gifted Assets	<u>2233</u>	<u>371528951</u>	<u>1052</u> 3864224546
<i>Less : (a) WDV of assets disposed off during the year</i>	(544072)	(561934)	
(b) Adjustment relating to previous year	-----	(514339)	
(c) Deficit for the year as per Income & Expenditure Account	(64630256)	(65174328)	(201850091) (202926364)
Balance as at the year end	5673753128	5367398505	

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31 MARCH 2012
Schedule 2 : Earmarked/Endowment Fund

	Plan Account	Misc Account	Publication	Endowment Fund	Fellowship/Scholarship	Research Project	Admission Processing	Other Earmarked	Total for 2011-12
(a) Opening Balance of the funds	4345796590	215800510	3572836	355096788	160445357	664879532	79074428	2180669664	8005335505
(b) Additions to the Fund: Income from investment made of the funds	87244974	7514166	21789	22015732	—	5707098	1876199	113131741	237511699
Accrued interest on investment	31922949	4324046	177264	4983499	—	21360312	120200	62200736	125089006
Other additions	1993830991	128151130	71364	76949889	450202335	670998700	84993904	493496654	3898694967
Total (a+b)	6458795504	355789852	3843253	459045908	6106647692	1362945442	166064731	2849498795	12266631177
(c) Utilisation/Expenditure towards objective of funds	221023064	18426808	—	—	—	120938504	2053111	114802175	477248662
(i) Capital Expenditure (Fixed Assets)	1245618069	58971805	188	10747817	354550964	417990040	129909380	129311126	2347099389
(ii) Revenue Expenditure	1466641133	77398613	188	10747817	354550964	538928544	131962491	244113301	2824343051
Closing balance at the year end (a-b-c)	4992154371	278391239	3843065	448298091	256096728	824016898	34102240	2605385494	9442288126
Closing balance represented by									
Loan and Advances	951871202	2965318	—	—	—	56544916	—	50428034	1061809470
LC Margin	54739277	1210000	—	—	—	—	—	—	55949277
Balance in Bank									
Saving account	1065386595	25943519	815801	132879092	256096728	289283851	32541640	502721680	2305668906
Current account	25493161	18119687	—	—	—	—	—	—	43612848
Fixed Deposit	2862741187	198647866	2700000	96950000	—	450197489	—	1942835538	5554072080
Govt. Securities	—	26000000	150000	213325000	—	—	1200000	47000000	287675000
Shares	—	—	—	160500	—	—	—	—	160500
Interest accrued but not due	31922949	5504849	177264	4983499	—	27990642	360600	62400242	133340045
Total	4992154371	278391239	3843065	448298091	256096728	824016898	34102240	2605385494	9442288126
Net closing Balance	4992154371	278391239	3843065	448298091	256096728	824016898	34102240	2605385494	9442288126
Previous years (2010-11)	4345796590	215800510	3572836	355096788	160445357	664879332	79074428	2180669664	8005335505

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31 MARCH 2012

Schedule 3 : Current Liabilities and Provisions	Current Year	Amount in ₹ Previous Year
A. Current Liabilities		
1. Sundry Creditors	11762111	17926967
2. Statutory Liabilities : TDS payable	540180	794429
3. Other current Liabilities (Sundries)		
Security (Receipt)	261868	254448
Amount Refundable to UGC	11024710	10614001
Expense payable	8283632	10436907
Other bodies Deposits	427911	2112554
Other funds	47567048	22198263
ACBR Liabilities	748255	—
Total (A) :	80615715	64337569
B. Provisions		
Total (B) :	—	—
Total (A+B) :	80615715	64337569

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31 MARCH 2012

Schedule 4 - Fixed Assets

Sr. No.	Description	Amount in ₹							
		W.D.V. at the beginning of the year	Addition during the year	Deduction/ Sale during the year	Cost/value at the year end	Rate of Depreciation	Depreciation for the year	W.D.V. as at 31-3-2012	W.D.V. as at 31-3-2011
1.	Land	19716892	0	0	19716892		0	19716892	19716892
2.	Building	674011010	30392247	0	704403257	5	35220163	669183094	674011010
3.	Furniture & Fixtures	94992065	34885442	199421	129678086	25	32419522	97258564	94992065
4.	Scientific Equipments	202385397	84182049	23347	286544099	40	114617640	171926459	202385397
5.	Computer	92947022	29079824	21493	122005353	40	48802141	73203212	92947022
6.	Library Books	42079409	54257471	526	96336354	50	48168177	48168177	42079409
7.	Car, Scooters, etc.	4733637	2950	46836	4689751	25	1172438	3517313	4733637
8.	Plant and Machinery	258126256	60874145	252449	318747952	20	63749590	254998362	258126256
9.	Musical Instruments	313990	191550	0	505540	50	252770	252770	313990
10.	Sports Equipments	56023	233645	0	289668	50	144834	144834	56023
11.	Capital Work in Progress	3663606733	181255347	0	3844862080		0	3844862080	3663606733
Total of									
	Current year	5052968434	475354670	544072	5527779032		344547275	5183231757	5052968434
	Previous year	1445238733	3987383903	7068773	5425553863		372585429	5052968434	

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31 MARCH 2012

Schedule 5 : Investments from Earmarked/Endowment Funds

	Current Year	Amount in ₹ Previous Year
1. In Government Securities	287675000	420946000
2. Shares	160500	160500
Total :	287835500	421106500

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31 MARCH 2012

Schedule 6 : Current Assets, Loans, Advances etc.

	Current Year	Amount in ₹ Previous Year
A. Current Assets		
1. Cash Balance in hand (including cheques/ drafts and imprest) Permanent imprest	850500	518325
2. Bank Balances – with Scheduled Banks :		
(a) Current Account		
Maintenance Grant Accounts	97106730	75470575
Earmarked Fund Accounts	<u>43612849</u>	140719579
		<u>108958889</u>
		184429464
(b) Saving Accounts		
Maintenance Grant Accounts	226315183	178530494
Earmarked Fund Accounts	2305668905	4764136512
CPF Account refundable to UGC	<u>11024710</u>	2543008798
		<u>10614001</u>
		4953281007

(c) Deposit Account

Maintenance Grant Accounts	3212250		3166771	
Ear marked Fund Accounts (including margin money)	<u>5610021357</u>	5613233607	<u>1722385308</u>	1725552079
Total (A) :		8297812484		6863780875

SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31 MARCH 2012**Schedule 6 : Current Assets, Loans, Advances etc.**

	Current Year	Amount in ₹ Previous Year
B. Loan, Advances and others Assets		
1. Staff Loans:		
(a) Festival Advance	660132	711032
(b) Leave Travel Concession	1875606	514682
(c) Medical Reimbursement	----	----
(d) House Building Advance	15338657	21675789
(e) Conveyance/Computer Advance	2382921	3553884
2. Advance and other amounts recoverable in cash or in kind or for value to be received		
(i) Pre-paid Expenses	26470506	22751028
(ii) Delhi University Pension Account	2980000	2980000
(iii) DESU (Security)	4795	4795
(iv) Delhi University Press	17395000	17395000
(v) Sir Shankar Lal Chair in Chemistry Fund A/c	1100000	1100000
(vi) Other advances out of Earmarked funds.	1044087892	884320615
(vii) Other advances out of Maintenance Grant Accounts	180569315	65010937
(viii) Electricity Deposits	1500000	----
(ix) TDS receivable ACBR	24428	----

3 . Income accrued

(a) On Investments from Earmarked/ Endowment Fund	133340045	79198008
(b) Interest accrued ACBR	47931	----
Total (B) :	1427777228	1099215770
Total (A+B) :	9725589712	7962996645

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED 31 MARCH 2012

Schedule 7 : Grants/Subsidies

	Current Year	Amount in ₹ Previous Year
Grant received from University Grants Commission	2955982000	3056754000
Total :	2955982000	3056754000

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED 31 MARCH 2012

Schedule 8 : Fees/Subscriptions

	Current Year	Amount in ₹ Previous Year
Admission fees	16275938	14145599
Annual Fees	4083000	4584902
University Enrolment fee	64230928	66413784
Tuition fee	13982537	12579927
Examination	438774088	446322303
Sports and Athletic Association fee	8270879	6307381
Migration fee	8895560	9201710
Special Enrolment/Annual fee	20341906	16630075
Laboratory fee	201236	173978
Library fee	781005	673909
Computer fee	95500	362900
Provisional & Misc. certificate	876000	735525
Others	15290237	12076245
Total :	592098814	590208238

**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR
THE YEAR ENDED 31 MARCH 2012**

Schedule 9 : Income from Royalty, Publication etc.

	Current Year	Amount in ₹ Previous Year
1. Income from Publications	1396631	9126926
Total :	1396631	9126926

**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR
THE YEAR ENDED 31 MARCH 2012**

Schedule 10 : Interest Earned

	Current Year	Amount in ₹ Previous Year
1 . On Term Deposit		
(a) With Scheduled Banks	5502961	108650
2 . On Saving Accounts		
(a) With Scheduled Banks	13635967	7931662
Total :	19138928	8040312

**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR
THE YEAR ENDED 31 MARCH 2012**

Schedule 11 : Other Income

	Current Year	Amount in ₹ Previous Year
Health Centre contribution	50706193	5840124
Leave salary & Pension Contribution	16573896	15511360
Sale of Raddi/Auction of Obsolete items	4016263	6164996
License fee, Rent of Building etc.	9253003	6795375
Sale of Tender form	354500	222000
Others	4363782	6356105
Total :	85267637	40889960

**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR
THE YEAR ENDED 31 MARCH 2012**

Schedule 12 : Establishment Expenses

	Current Year	Amount in ₹ Previous Year
Salary and Allowances		
Teaching staff	785089676	871299569
Non-Teaching staff	689971071	634963053
Lower Subordinate staff	215730267	231726316
Bonus	6381695	6472969
Deposit Link Insurance	897347	845159
Gratuity	75576989	87274853
Leave encashment	45352898	58777054
Pension	501914916	652572583
CPF Contribution	5961083	7249925
NPS Contribution	14452512	11840848
Leave Travel Concession	10591118	15664658
Honorarium	4182649	2964109
Reimbursement of Tuition fee	7881164	7741955
Medical Re-imburement	96035315	92584977
Total :	2460018700	2681978028

**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR
THE YEAR ENDED 31 MARCH 2012**

Schedule 13 : Other Administrative Expenses

	Current Year	Amount in ₹ Previous Year
Academic Expenses	97748695	9779392
Award and Scholarship	678009	592642
Advertisement Expenses	9555302	12502446
Chemical & Glassware	12253036	13213586
Contingency	17895588	13359239
Net Working expenses	8930470	26221871
Conveyance Expenses	1014323	1596980
Electricity & Water Expenses	154136649	183858479
Examination Expenses	110416361	192570637
Games & Sports	5549687	3740740

Legal & Professional	8803218	7328958
Medical Expenses	46474242	38447047
Other Expenses	4962070	8914349
Periodical & Journals	35312279	42270364
Postage & Telephone	10952249	9839991
Printing and Stationary	22375976	24137598
Rent Rate & Taxes	173689	1236351
Repair and Maintnace of Building	151603309	101202627
Repair and Maintenance of Machinery	11715320	13623453
Repair and Maintenance of Furniture	1059006	1302453
Repair and Maintenance of Vehicle	4174756	3688178
Repair and Maintenance of Laboratory	839510	588382
Travelling Expenses	6568197	5788735
Bank Charges	121510	79273
House Keeping Expenses	24158274	19152644
M/o Lawns	2886342	3193057
Refund of fee	2033893	1712993
Property Tax	6600784	6666266
Seminar/Symposia/Workshop	2699020	5230749
Audit Charges	438036	288553
Watch and Ward Services	36997717	31296962
Hiring Charges	6824639	----
License for F M Radio	948528	----
Expenditure relating to Plan Grant	(452447)	(9677553)
Total :	806448237	773747442

**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR
THE YEAR ENDED 31 MARCH 2012**

Schedule 14 : Expenditure on Grants, Subsidies etc.

	Current Year	Amount in ₹ Previous Year
Grants given to Institutions/Organizations:		
(i) Grants to Halls & Hostels	82747143	78033628
(ii) Miscellaneous Grant	24752911	525000
Total :	107500054	78558628

SCHEDULES FORMING PART OF ACCOUNT FOR THE YEAR ENDED 31 MARCH 2012

Schedule 15: Significant Accounting Policies

1 . Accounting Convention

The financial statements are prepared on the basis of historical cost convention and generally on the accrual method of accounting unless otherwise stated.

2. Revenue Recognition

- 2.1 Fee from students/colleges, interest on saving bank accounts are accounted for on cash basis.
- 2.2 Interest on investments is accounted for on accrual basis.

3. Government Grants

- 3.1 Government/UGC grants are accounted for on receipt basis.
- 3.2 To the extent utilized towards capital expenditure, Plan Development Grant received from the University Grants Commission is transferred to the Capital Fund.

4. Inventory

Expenditure on purchase of chemicals, glassware, publications, stationery and other stores is accounted for as revenue expenditure in the year of purchase.

5. Fixed Assets

- (a) Fixed assets are stated at cost of acquisition less depreciation. Fixed assets received by the University without any consideration has been capitalized in the financial statement at a nominal value i.e. ₹ One per asset.
- (b) Amount received on disposal of fixed assets has been accounted for as income in the Income & Expenditure Account and written down value of these fixed assets has been written off from Fixed Assets as well as Capital Fund Account.

6. Depreciation

- 6.1 Depreciation is provided on Written Down Value method as specified in the Guidance Note issued by the Institute of Chartered Accountants of India, at the following rates:

Type of Asset	Rate
Building	5%
Furniture & Fixture	25%
Scientific Equipments	40%
Computer including Printers, Softwares, UPS, etc.	40%
Library Books	50%

Buses, Vans etc.	30%
Cars, Scooters	25%
Plant & Machinery including Air-conditioners, Generators, Fire Extinguishers, Telephone, Television sets, Photocopiers, Fax Machines, Water Coolers, Projectors etc.	20%
Musical Instruments	50%
Sports Equipments	50%

6.2 In respect of addition to fixed assets during the year, depreciation is provided for the full year. In respect of deductions from the fixed assets, no depreciation is charged.

7. Retirement Benefits

Retirement benefits, i.e., pension, gratuity and leave encashment are accounted for on cash basis as University's pension liability like that of the Government is not funded but follows the "Pay as you go" system of meeting the annual expenditure out of the annual revenue budget. Capitalized value of pension and gratuity received from previous employers of those University employees who have been absorbed in the University, is credited to the other income of the University.

8. Foreign Currency Transactions

Transactions denominated in foreign currency are accounted for at the exchange rate prevailing at the date of payment/realization.

9. Investment

All investments are valued at cost.

10. Earmarked/Endowment Funds

10.1 The income and expenditure of Earmarked/Endowment funds are accounted for on cash basis. The balance of respective funds is carried forward on the liability side of the Balance Sheet and is represented by bank balance and investment on the asset side of the Balance Sheet.

10.2 Assets purchased/created out of Earmarked Funds (including Plan funds released by the UGC), where the ownership of the assets vests in the University, are merged with the fixed assets of the University by debiting the respective fixed asset account and crediting Capital Fund account. Depreciation is charged at the rates applicable on the respective assets.

10.3 Assets purchased out of Project funded by outside agencies remain the property of the concerned funding agency till the project is closed. After closure of the project, the project assets are merged with the Fixed Assets of the University at written down value by debiting respective Fixed Assets account and crediting Capital Fund Account.

Schedules Forming Part of the Account for the year ended 31 March 2012

Schedule 16: Contingent Liabilities and Notes on Accounts

1. Contingent Liabilities

Various claims filed by present/former employees of the University are pending before Industrial Tribunals and the High Court of Delhi. The quantum of claim is not ascertainable.

2. Taxation

The income of the University is exempt from Income Tax under section 10(23C) (iiiab) of the Income Tax Act 1961. No provision for Income Tax is therefore made in the accounts.

3. Salaries

The expenditure on salary is for the period from March 2011 to February 2012. No provision is made towards salary for the month of March 2012.

4. (a) Current Assets, Loans and Advances

In the opinion of the management, the Current Assets, Loans and Advances have a value on realization in the ordinary course, equal at least to the aggregate amounts shown in the Balance Sheet.

(b) Loans & Advances

The Loans & Advances shown in the asset side of the Balance Sheet does not include advances pertaining to period upto 31 March 2006, which are still outstanding for final settlement. These Advances were charged to the respective head of account at the time of release of advance.

5. Admission Processing Charges (APC) Fund

Savings of Entrance Fee after meeting expenditure on entrance examinations are treated as earmarked fund and credited to the respective account. This accounting treatment is in accordance with the guidelines of the APC Fund, approved by the Executive Council vide Resolution No. 15 dated 01.04.2005.

6. Provident Fund Accounts

As the Provident Fund Accounts including New Pension Scheme Fund are owned by the members of those funds and not by the University, these accounts were separated from the University Accounts. However, a consolidated Receipts & Payments Account, consolidated Income & Expenditure Account and a consolidated Balance Sheet of the Provident Fund Accounts have been attached to the University's Account.

7. Halls & Hostels/Guest House

As Halls and Hostels are separate reporting entities, their accounts are prepared separately from the University Accounts. However, a consolidated Receipts and Payment Account, consolidated Income & Expenditure Account and a consolidated Balance Sheet of all the Halls and Hostels and Guest Houses have been attached to the University's Account.

8. Delhi University Press

As the University Press is a separate reporting entity, its accounts are prepared separately and attached to the University's Account.

9. During the financial year, the University has received the following assets as gift (without consideration) which is capitalized in the accounts at nominal value i.e. ₹ One per asset

Particular	Qty.	Amount Capitalized (in ₹)
Books	2233 Nos.	2233/-

10. Capital Work in Progress includes the amount paid by University till 31st March, 2012 towards construction of the following projects:

(i) Construction of stadium of Common Wealth Games	₹ 282,93,03,563
(ii) Construction of 1500 seated Rajiv Gandhi Girls Hostel for UG and PG students in Dhaka North Campus.	₹ 73,82,26,359
(iii) Construction of 70 'D' type flats at Dhaka	₹ 8,38,20,926

11. Previous year figures have been regrouped wherever necessary.
12. Schedules 1 to 16 are annexed to and form an integral part of the Balance Sheet as at 31st March, 2012 and the Income and Expenditure Account for the year ended on the date.

PROVIDENT FUND ACCOUNT CONSOLIDATED BALANCE SHEET AS ON 31 MARCH 2012

LIABILITIES

	Current Year	Amount in ₹ Previous Year
Subscribers Account		
General Provident Fund	2461522321	2252914095
Contributory Provident Fund	634772344	594015060
New Pension Scheme	594698	2294255
Interest Reserve Account	174203961	141720584
General Provident Fund & Contributory Provident Fund	172970066	--
New Pension Scheme	1233895	--
Other Liabilities	392	4192
Total :	3271093716	2990948186

Assets		
Investments (Bonds)	1138345000	1968345000
Interest Accrued but not due	146812701	133747338
Bank Balances with Scheduled banks in :		
Savings Accounts	30586015	66390848
Deposit Accounts	1955350000	822465000
Total :	3271093716	2990948186

PROVIDENT FUND ACCOUNT
CONSOLIDATED INCOME AND EXPENDITURE ACCOUNT FOR THE
YEAR ENDED 31 MARCH 2012

	Current Year	Amount in ₹ Previous Year
(A) Income		
Interest realized during the year	250651940	
Add: Interest Accrued	<u>113971571</u>	
	364623511	
Less: Interest Accrued	<u>-100906208</u>	
for the year 2005-06 to	263717303	226692841
2010-11 but realised during		
the year 2011-12		
Adjustment relating to previous years	80545	32778
Total (A) :	263797848	226725619
(B) Expenditure		
Interest allowed to Subscribers	231307935	209087802
--General Provident Fund	184325962	
--Contributory Provident Fund	46938819	
--New Pension Scheme	43154	
Bank Charges	6536	6260
Total (B) :	231314471	209094062
Balance being excess of Income over expenditure, transferred to Interest Reserve Account (A-B)	32483377	17631557

PROVIDENT FUND ACCOUNT
CONSOLIDATED RECEIPT AND PAYMENT ACCOUNT FOR THE YEAR
ENDED 31 MARCH 2012

	Current Year	Amount in ₹ Previous Year
Receipts		
To Opening Balance in:		
— Saving Accounts	66390848	81974170
To Fixed Deposit encashed	1219965000	570600000
To Interest Received	250651940	187841048
To GPF Subscription	429085364	403870412
To CPF Subscription & Contribution	71525903	66654312
To NPS Subscription & Contribution	35626650	25033910
To Other Receipts	-	8000
Total :	2073245705	1335981852

	Current Year	Amount in ₹ Previous Year
Payments		
By Loan/Withdrawal/Final Payments to		
GPF Subscribers	404777515	348180192
CPF Subscribers	77656278	65528173
NPS Subscribers	-	30986
By amount trfd. to Trustee	37369361	61528337
Bank-Bank of India		
By Bank Charges	6536	6260
By other Liabilities	-	317056
By Investment in Fixed Deposit/Bonds	1522850000	79400000
By Closing Balance in:		
-Savings Accounts	30586015	1335981853
Total :	2073245705	1335981852

UNIVERISTY PRESS

BALANCE SHEET AS ON 31 MARCH 2012

	Current Year	Amount in ₹ Previous Year
FUND AND LIABILITIES		
1. Capital Fund	4323998	4274090
2. Current Liabilities:		
a) Deduction from Salary Bills	781776	714326
b) Bills Payable	313155	6306
c) Advance for work to be done	130000	130000
d) Inter Bank Transfer	17395492	17395492
e) Earnest Money	55500	10500
Total :	22999921	22530714
ASSETS		
1. Machinery, Furniture & Equipment	655308	800999
2. Amount Receivable	16175392	16333016
3. Stock in Hand:		
a) Raw Material	621906	802912
b) Finished Goods	104505	41585
4. Work in Progress	395000	114400
5. Cash in Bank	4932810	4423702
6. Festival Advance	11000	13100
7. Permanent Assets	1000	1000
8. Advances	103000	-----
Total :	22999921	22530714

UNIVERISTY PRESS
PROFIT AND LOSS ACCOUNT ENDING 31 MARCH 2012.

	Current Year	Amount in ₹ Previous Year
Particulars		
1. To Opening Stock:		
(a) Raw Materials	802912	504713
(b) Finished Goods	41585	59545
2. To Work in Progress	114400	124000
3. To Pay and Allowances:	5793546	5156254
(a) L.T.C.	16970	7158
(b) Tuition Fees	58500	54000
(c) Bonus	55264	58718
(d) Medical Reimbursement	599842	896616
4. To Purchase of Raw Materials	2574522	2423117
5. To Misc. Contingent Exp.	162764	110427
6. To Rate, Rent and Taxes	5169	4342
7. To Work Done Through Outside Agency	5324659	5115773
8. <u>Depreciation:</u>		
(a) Machinery, Furniture & Equipment	171158	205542
Profit for the year	49908	
Total :	15771199	14720205
<hr/>		
1. To Receipts:		
(a) Income from Printing and Binding	14526758	13445472
(b) Uncash cheques	123030	-----
2. By Closing Stock:		
(a) Raw Materials	621906	802912
(b) Finished Goods	104505	41585
3. By work in progress	395000	114400
4. By Loss for the year	-----	315836
Total :	15771199	14720205

UNIVERISTY PRESS

A/C NO. 10851295354

RECEIPTS AND PAYMENTS FOR THE YEAR 31ST MARCH, 2012

Receipts

I. Opening Balance

Bank Balance 4423702 11358748

II. From Printing & Binding Work 14684382 7020602

III. Deductions/Recoveries 3321723 2993964

Festival Advance 11100 15600

Earnest Money 45000 -----

Other receipts 123030 -----

Total : 22608937 21388914

Amount in ₹

Current Year **Previous Year**

Payments

I. Expenses

Establishment Expenses 6451888 6106870

II. Other Administrative expenses

Expenditure 7960966 7877396

Festival Advance 9000 12000

Remittance 3254273 2968926

Other Payments ----- 20

III. Closing Balance

Bank Balance 4932810 4423702

Total : 22608937 21388914

HALLS AND HOSTELS
BALANCE SHEET AS ON 31 MARCH 2012

	Current Year	Amount in ₹ Previous Year
Capital Fund and Liabilities		
Capital Fund and Liabilities	103633315	87382744
Earmarked/Endowment Funds	19033097	16293462
Current Liabilities and Provisions	8320990	7128545
Total :	130987402	110804751
Assets		
Fixed Assets	30212222	35661185
Investments from earmarked/ endowment funds	18000	18000
Investments others	25163681	20492006
Current Assets, Loans, Advances etc.	75647723	54687784
Miscellaneous Expenditure	(54224)	(54224)
Total :	130987402	110804751

HALLS AND HOSTELS
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR
ENDED 31 MARCH 2012

	Current Year	Amount in ₹ Previous Year
(A) Income		
Grants/Subsidies	82438633	78542291
Fees/Subscriptions	25453149	22433712
Income from Sales/Services	17680624	15933436
Interest earned	4240386	2143654
Other Income	6924753	6259310
Total (A) :	136737545	125312403

(B) Expenditure

Establishment Expenses	78034090	76479381
Other Administrative Expenses	34432204	32346185
Bank Charges	6211	3000
Depreciation	8295233	10052592

Total (B) :	120767738	118881158
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Excess of Income over Expenditure/ (Expenditure over income) (A-B)	15969807	6431245
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Balance Being Surplus/(Deficit) carried to Capital Fund	15969807	6431245
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HALLS AND HOSTELS**RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2012**

	Current Year	Amount in ₹ Previous Year
Receipts		
I. Opening Balance		
- Cash in Hand	133249	-
- Bank Balance	34650335	39253415
- Imprest	49321	-
- Deposit Account	3317799	-
II. Other Bank Balances	10613647	2105914
III. Grants Recieved	82288936	78542291
IV. Income on Investments	3388539	10960662
V. Interest Received	2007023	1174782
VI. Other Income	45815968	40303763
VII. Any Other Reciepts	19145608	15842341
Total :	201410425	188183168

HALLS AND HOSTELS

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2012

Payment	Amount in ₹	
	Current Year	Previous Year
I. Expenses		
(a) Establishment Expenses	71863003	72420240
(b) Administrative Expenses	37151184	35237850
II. (a) Payments against Earmarked Fund	4421010	5389994
(b) Payment against Projects	365947	298957
III. Investments and Deposits made	10711058	26788994
IV. Expenditure on Fixed Assets & Capital work-in-Progress	2276927	3051500
V. Finance Charges	6371	2105
VI. Other Payments	7289013	6842824
VII. Closing Balances		
- Cash in Hand	145042	-
- Bank Balance	50333752	38150704
- Imprest	50815	-
- Deposit Account	16796303	-
Total :	201410425	188183168

DEPARTMENTS

FACULTY OF ARTS

ARABIC

Major Activities

The Department of Arabic has its own rich departmental library comprising of important books of Arabic literature spanning from the classical up to the modern period.

The department has been successfully organizing National Seminar every year for the last one decade on diverse untouched topics to explore unbeaten paths in the realm of literature and criticism.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	3
M.Phil.	-	3

Seminars/Conferences held

Special lecture on the topic: 'Development of Arabic Language in Delhi after Independence', Sponsored by NCPUL, Organized by the Department of Arabic, 20 March 2012.

National Seminar on the theme: 'Prof. M.S. Ashraf: His life and contribution' Organized by the Department of Arabic, University of Delhi, 20 March 2012.

Seminars/Conferences attended

Prof. M.N. Khan: Presented a paper 'Islam mein Ta'leem ki Ahammiyat aur Arabi Zaban-o-Adab ki Tadrees, Hindustaan ke Tanaazur mein', National Conference on the theme 'Challenges to Oriental Studies in 21st Century', Department of Sanskrit, Faculty of Oriental Learning, University of Kashmir, Srinagar, 17-19 October 2012.

Presented a paper 'Al-Noor al-Saafir 'an Akhbaar al-Qarn al-'Aashir, Taareekh ka ek Aham 'Arabi Ma'khadh: Hindustaan ki Roshni Me'n', National Seminar on 'Contribution of Persian, Arabic and Indian Languages to the Promotion of Indian Culture and Civilization, Raza Rampur Library, Rampur, 12-14 June 2012.

Presented a paper 'Kalila wa Dimna: A cultural link between India and the World Literature'.

International Seminar on Indo-Iranian Heritage in the Context of Sufism as a Bond of Culture Between India (N.E.)-Iran-Afghanistan-Turkey and Central Asia, Department of Persian, Gauhati University, Assam, 2-4 February 2012.

Presented a paper 'Dr. Sameer Abdul Hameed-an Arab writer of Urdu language and his Contribution to the translation of Urdu works into Arabic and vice versa', National Seminar on 'Linguistic and Literary Relations Between Arabic and Urdu', Department of Arabic, University of Bombay, Mumbai, 27-28 February 2012.

Presented a paper 'The Barmakids, pioneers of Indo-Arab Cultural Relations in Abbasid Period', International Seminar on 'Ethos of Indian Culture in Arabic and Persian Literature', Department of Arabic and Persian, Allahabad University, 17-18 March 2112.

Dr. Wali Akhtar: 'Dialogue: An effective tool of peaceful coexistence: The Risale Nur Perspective', International Seminar Centre for Arabic and African Studies, JNU, New Delhi, 1-2 February 2012.

'India in the thirties of the last century as depicted in the travelogue: India as I saw it', International Seminar, Department of Arabic and Persian, University of Allahabad, 17-18 March 2012.

Dr. Naimul Hasan: 'Challenges to Arabic Languages in 21st Century' an article presented in National Seminar Organized by Faculty of Oriental Languages, University of Kashmir, Srinagar, 17-19 October 2011.

Participated in International Seminar on 'Living in Peace and Harmony in a Multi-cultural World: The Risale-I Nur perspective' organized by Centre of Arabic and African Studies, School of Language, Literature and Culture Studies, JNU, New Delhi, 1-2 February 2012.

Presented an article 'India in the travelogue of Ameena Sayeed', National Seminar on 'Ethos of Indian culture in Arabic and Persian Literature' organized by the Department of Arabic and Persian, University of Allahabad, 17-18 March 2012.

Convener National Seminar on 'Sirah Literature in India' Organized by Department of Arabic, University of Delhi, 21-22 March 2012.

Publications

Books

Nadwi and Akhtar, W. 2012. '*Arabic Morphology Made Easy*', Islamic Studies Research Academy Pvt. Ltd., New Delhi.

Research Articles

Khan, M.N. 2011. Awwal Jareedah 'Arabiyyah fi Shibh al-Qarrah al-Hindiyyah: al-Naf' al-'Azeem li-Ahl Haadha al-Iqleem, *Thaqafat al-Hind* Vol. 61(4).

2011. al-Noor al-Saafir 'An Akhbaar al-Qarn al-'Aashir: Taareekha ka ek Aham Makhadh: Hindustan kee Roshni mein, Rampur Raza Library Journal, No. 24-25.

Hasan, N. 2011. al-Tawabe wa al-Zawabe written by Ibn Shohaid al-Andalusi, a critical and analytical study, Muslim University Press, AMU, Aligarh.

BUDDHIST STUDIES

Major Activities

The Department of Buddhist Studies organized an *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, jointly with the University Grants Commission and the Indian Council for Cultural Relations. The DSA programme awarded by the University Grants Commission has now entered its third phase. Under this programme an extensive field-trip was conducted in the Indo-Bhutanese border region to collect data on Buddhist sites. Another fieldwork trip under the same program was conducted in and around Kamaspur (a site identified with Kammâsadhamma where the Buddha had preached the famous *Mahâsatipatthâna Sutta*).

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	8
M.Phil.	-	12

Appointments of faculty members to higher Posts/Assignments

Prof. K.T.S. Sarao: Taught as a visiting Professor at the Preah Sihanouk Raja Buddhist University, Phnom Penh, Cambodia till April 2011; Appointed the coordinator of an International Conference on Buddhism jointly organized by the National University of Taiwan, Taipei and the Indian Council for Cultural Relations at Taipei, 7-10 December 2012.

Honours/Distinctions

Prof. K.T.S. Sarao: Awarded Doctor of Letters Honoris Causa by the Preah Sihanouk Raja Buddhist University, Phnom Penh, Cambodia at a Special Convocation on 7 April 2011.

Seminars/Conferences held

The Department organized an *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, jointly with the UGC and the ICCR.

Seminars/Conferences attended

Prof. K.T.S. Sarao: Presented a paper entitled 'Xuanzang as a Source for the Study of Decline of Buddhism in India,' at the Fourth International Symposium on Xuanzang, Yanshi, Henan, People's Republic of China, 4-6 October 2011.

Chaired a sessions and presented a paper entitled 'Devadatta: Was He a Demon or a Saint?,' at the Conference of Asian Buddhist Forum on the Buddhist Canons and Early Mahayana Buddhism, organized jointly by National Taiwan University, India-Taipei Association and the ICCR at Taipei, Taiwan, 9-10 December 2011.

Chaired a session, gave valedictory speech, and presented a paper entitled 'Some Reflections on the Twilight Period of Buddhism in the Kashmir Valley' at the *International Buddhist Conference on Buddhism in Kashmir*, organized by ICCR, New Delhi in

association with the University of Kashmir, Srinagar and Central Institute of Buddhist Studies, Choglamsar, Leh-Ladakh, 5-6 September 2011.

Chaired two sessions and presented a paper entitled 'Banteay Srei: A Look at the Scenes from the Mahâbhârata and the Râmâyana Ga in the Citadel of Women,' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, 7-9 October 2011.

Presented a paper entitled 'Impact of Sufism on Buddhism in India,' at the *International Seminar on Indo-Iranian Heritage in the Context of Sufism as a Bond between India, Iran, Afghanistan, Turkey and Central Asia*, organized by the Department of Persian, Gauhati University, Assam, 2-4 February 2012.

Chaired a sessions and presented a paper entitled 'Archaeology of the Decline of Buddhism in India,' at the *International Conference of Archaeology of Buddhism in Asia*, organized by Archaeological Survey of India, New Delhi, 17-19 February 2012.

Presented a paper entitled 'Sûfi Mysticism and Indian Religions' at the *Third International Seminar on Peaceful Co-Existence with focus on Mysticism and Spirituality in Islam and Indian Religions*, organized by Al-Mustafa International University, New Delhi, 11-12 March 2012.

Chaired a session, participated in *Group Discussion on Translation Policy*, and presented a paper entitled 'How to Translate a Pâli Text and For Whom?' at the *International Tripitaka Symposium on Translation, Transliteration & Editing and Dictionary-Making*, organized jointly by Baba Saheb Ambedkar Research & Training Institute and Department of Pâli Buddhist Studies, Pune, 23-24 March 2012.

Chaired a session and presented a paper entitled 'Buddhist Economics: Lessons to be Learnt' at the *All India National Seminar on Buddhist Contribution to Indian Culture*, organized by the Central Institute of Buddhist Studies, Choglamsar, Leh-Ladakh, 17-20 August 2011.

Delivered a key-note lecture entitled 'Buddhist Philosophy and Social Justice' at the National Seminar *on Buddhist Philosophy and Social Justice*, organized by the Buddhist Studies Centre, SGGS Khalsa College, Mahilpur, Hoshiarpur, 31 January 2012.

Prof. Bhikkhu Satyapala: Coordinator of the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, jointly with the ICCR and UGC, Delhi, 7-9 October 2011.

Dr. R.K. Rana: Chaired a session and presented a paper entitled 'Indian Buddhist Monk and the Formation of Buddhism in Vietnam,' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, 7-9 October 2011.

Presented a paper entitled 'Rājagrha: The Site of Expounding the True Dharma,' at the *International Conference on Buddhist Heritage of Magadha* organized by Nava Nālandā Mahāvihāra, 12-14 February 2012.

Dr. H.P. Gangnegi: Panelist at National Youth Conference on Interfaith for School Students on 'How does your faith/belief inspire you to make a positive difference in the world? and How does your faith/belief help you find Spirituality and Peace in your life?' organized by Ahlcon International School, Mayur Vihar, Delhi, 2011.

Presented a paper entitled 'Acārya Kamalāūīla and His Bhāvanākrama: A Nālandā Legacy that Transformed Tibet,' at the *International Conference on Buddhist Heritage of Magadha* organized by Nava Nālandā Mahāvihāra, 12-14 February 2012.

Dr. Subhra B. Pavagadhi: Presented a paper entitled 'Impact of India on Cambodian Buddhism,' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, 7-9 October 2011.

Chaired a session and presented a paper entitled 'Aprihana Dhamma: The Rules of Social Unification,' at the *International Conference on Buddhist Heritage of Magadha* organized by Nava Nālandā Mahāvihāra, 12-14 February 2012.

Presented a paper entitled 'Crumbling Mountains and Disintegrating Social Fabrics of Kinnaur under growing Globalization,' at the *National Symposium on Globalizing and Cultural Practices in the Mountain Areas: Dynamics, Dimensions and Implications* organized by Sikkim University, Gangtok, 13-14 December 2011.

Dr. Satyendra Kumar Pandey: Presented a paper entitled 'The Impact of Pāli literature on Myanmar,' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, 7-9 October 2011.

Presented a paper entitled '*Impact of Pāli Literature on Indian Culture*,' at the National Seminar on *Buddhist Contribution to Indian Culture*, organized by Central Institute of Buddhist Studies, Choglamsar, Leh-Laddakha, 17-20 August 2011.

Presented a paper entitled '*The Role of Buddhism in the Upliftment of Human Being*,' at the National Seminar on *The Role of Buddhism in the Upliftment of Human Being and society* organized by The Centre for Buddhist Studies, SPM College, 30-31 March 2012.

Dr. Veena Gaur: Presented a paper entitled '*Asvaghosa : Baudh Darsan Ke Sresth Kavi Evam Sashakt Prachārak*,' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, 7-9 October 2011.

Presented a paper entitled '*The Translation of Nidān Parivarta (Samādhirājsūtra) : Problems of difficulties*,' at the *National Seminar* organized by Nāgārjuna Buddhist Foundation M.C.C. under National Mission for Manuscript, Andhiyari Bagh, Gorakhpur, 18-20 February 2011.

Dr. Jagbir Singh: Presented a paper entitled '*Impact of Buddhism on Vietnamese Life,*' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects,* organized by the Department of Buddhist Studies, 7-9 October 2011.

Presented a paper entitled '*Buddhism : A Solution to Current Crises,*' at the National Seminar on *The Role of Buddhism in the Upliftment of Human Being and society* organized by The Centre for Buddhist Studies, SPM College, 30-31 March 2012.

Attended the National Seminar on *Ravindranath Tagore's Engagement with Buddhist Culture,* at India International Centre, New Delhi organized by Himalayan Buddhist Cultural Association, Delhi, 16-18 March 2012.

Dr. Kalsang Wangmo: Presented a paper entitled '*Position of Women in Thailand – Revisit Early Buddhism,*' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects,* organized by the Department of Buddhist Studies 7-9 October 2011.

Dr. Balmiki Prasad: Presented a paper entitled '*Devine Journey of Lord Buddha to Sri Lanka for the welfare of humanity,*' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects,* organized by the Department of Buddhist Studies, 7-9 October 2011.

Attended National Seminar on *Ravindranath Tagore's Engagement with Buddhist Culture,* at India International Centre, New Delhi organized by Himalayan Buddhist Cultural Association, Delhi, 16-18 March 2012.

Presented a paper entitled '*Buddhvacana mein varnit nârî ke adhikâr evam vartmân mein iski prâsangiktâ,*' at the National Seminar on *The Role of Buddhism in the Upliftment of Human Being and society* organized by The Centre for Buddhist Studies, SPM College, 30-31 March 2012.

Dr. Ashok Jain: Presented a paper entitled '*Modified Discipline in Early Sri Lankan Buddhist Sangha,*' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects,* organized by the Department of Buddhist Studies, 7-9 October 2011.

Dr. Talat Praveen: Presented a paper entitled '*Early Buddhist and Cultural links between Buddhism in India and Sri Lanka : An Evaluation Based on Dîpavamsa,*' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects,* organized by the Department of Buddhist Studies, 7-9 October 2011.

Dr. Niharika Labh: Presented a paper entitled '*Indonesia main Baudh Dharma evam Bhârat ke sâth uskâ Sambandh,*' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects,* organized by the Department of Buddhist Studies, 7-9 October 2011.

Presented a paper entitled 'Bauddha Dharma-Darshan Mein Nârî-Kalyân,' at the *National Seminar on Modern Perspective and Buddhism* organized by Jai Nârâyan Vyâs University, Jodhpur, 2011.

Attended National Seminar on *Buddhist Heritage of Magadha*, organized by Nava Nalanda Mahavihara, Nalanda, 12-14 February 2012.

Dr. Krishna Murari: Presented a paper entitled 'Sri Lanka at the time of the advent of Buddhism : A Socio-Religious Study,' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, 7-9 October 2011.

Dr. Siyaram Mishra Haldhar: Presented a paper entitled 'An Exploration of Facts of Advent of Buddhism in Thailand,' at the *International Conference on Linkages between South and Southeast Asia: Perspectives and Prospects*, organized by the Department of Buddhist Studies, 7-9 October 2011.

Attended the National Seminar on *Sigiriya-Lion Rock*, at Jammu organized by Indian Society of Buddhist Studies, University of Jammu, 15-16 September 2011.

Dr. Talat Praveen: Attended National Seminar on *Ravindranâth Tagore's Engagement with Buddhist Culture*, at India International Centre, New Delhi organized by Himalayan Buddhist Cultural Association, Delhi, 16-18 March 2012.

Publications

Books

Sarao, K.T.S. 2012. *The Decline of Indian Buddhism: A Fresh Perspective*, New Delhi: Munshiram Manoharlal, ISBN: 978-81-215-1241-1.

Satyapala, B. 2011. *Buddher Darshane Bukkha Darshan*, Uttar Pradesh: Sanchi Press.

Sharma, N. 2011. *History of India (Earliest times up to 1206 AD)*, New Delhi: Vikash Publication House (ISBN:978-81-259-5075-2).

2011. *Prachin Bharat Ka Itihas (Earliest times up to 650 AD)*, New Delhi: Vikash Publication House, (ISBN:978-81-259-5050-9).

2011. *History of India (Earliest times up to 600 AD)*, New Delhi: Vikash Publication House, (ISBN:978-81-259-4894-0).

Research Articles

Sarao, K.T.S. 2011. 'Bhârûkaccha, Dvâravatî, and Sîhapura: Three Important Cities of Gujarat as Known in Early Indian Buddhism,' in Lalji Shrivak (ed.), *The State of Buddhism, Buddhists and Buddhist Studies in India and Abroad*, Varanasi: Banaras Hindu University, Department of Pâli and Buddhist Studies, 217-228.

2011. 'Brâhmanical-Hindu and Buddhist Conversions to Islam in India: An Examination of General Trends with Special Reference to Eastern India,' *The Indian International Journal of Buddhist Studies*, No. XII, 51-69.

2011. 'Buddhism and Islam in India: An Examination of Conversions to Islam in Sind, Bengal, and Kashmir,' in *Religious Thought*, Al-Mustafa International University of Iran, Spring Quarterly, No. 1.

2011. 45-66. Its revised version was published as 'Some Reflections on Buddhist Conversions to Islam in Sindh, Bengal, and Kashmir,' in Lalji Shrivak and Charles Willeman (eds.), *Dharmapracicaya: Aspects of Buddhist Studies, Professor N.H. Samtani Felicitation Volume*, Varanasi: Banaras Hindu University, Department of Pâli and Buddhist Studies, 317-334.

2011. 'Research Methodology in Buddhist Studies,' in S.P. Sharma, B. Labh *et al* (eds.), *The Ocean of Buddhist Wisdom*, Vol. 5, Delhi: New Bhartiya Book Corporation, 12-42.

'Xuanzang as a Source for the Study of Decline of Buddhism in India,' published in the Proceedings of the Fourth International Symposium on Xuanzang, Yanshi, Henan, People's Republic of China, 4-6 October 2011: 460-470.

2011. 'Campâ', 'Devadaha', 'Koliya' and 'Malla' in *Encyclopedia of Hinduism*, Delhi: Rupa & Co.

2011. 'Urban Settlements in Ancient India,' in *Encyclopedia of Hinduism*, Delhi: Rupa & Co.

2012. 'Faxian, Xuanzang, Yijing, Hye Ch'o and Zhao Rugua as Sources for the Study of the Decline of Buddhism in India,' in Anita Sharma (ed.) *Buddhism in East Asia: Aspects of History's First Universal Religion Presented in the Modern Context*, Delhi: Vidyandhi Prakashan, 140-158.

Entries in *Encyclopedia of Indian Religions* New York: Springer (ISBN 978-94-007-1988-0): Ahimsâ, Ajâtasattu (Ajâtaœatru), Ambapâlî (Âmrâpâlî), Ânanda, Anâthapindika, Anattâ (Anâtman), Angulimâla, Anguttara Nikâya, Anotatta, Bimbisâra, Buddhist Councils, Buddhist Economics, Câga, Cakka (Cakra), Caste, Date of the Buddha (Buddhist Eras), Decline of Indian Buddhism, Devadatta, Dhammapada, Dîgha Nikâya, Euthanasia in Indian Buddhism, Jâtaka, History of Indian Buddhism, Kapilavatthu (Kapilavastu), Kassapa, Khuddaka Nikâya, Kisâgotamî, Kunâla, Kusinârâ (Kuçeinagara), Lumbinî, Magadha, Majjhima Nikâya, Meru, Moggallâna, Mudita, Râhula, Pajâpatigotamî, Pasenadi, Persecution in Indian Buddhism, Pilgrimage in Indian Buddhism, Sâriputta, Sâvatthî, Suicide in Indian Buddhism, Sutta-Nipâta, Thera-Therîgâthâ, Upagupta, Vesâlî (Vaiúâlî), Vârânasî (Bârânasî), Vasubandhu, Vegetarianism in Indian Buddhism, Women in Indian Buddhism.

Rana, R.K. Entries in *Encyclopedia of Indian Religions*, New York: Springer (ISBN 978-94-007-1988-0): Samantabhadra, Bodhidharma.

Gaur, V. 'Brahmvihar : Âdhunik jîvan me iskî Prâsangikatâ (Part I and II),' *Bodhi Path*, New Delhi, June 2011 and January 2012 issues.

Jain, A. 'The Festival of the Sacred Tooth Relic in Sri Lanka,' *CENGAGE*, Learning India Pvt. Ltd., Delhi, 2011.

Murari, K. 'Early Indian Buddhism and Economics Ethics : A Historical Survey,' in Afzal Husain & S.Z.H. Jafri (eds.), *Uttar Pradesh Through the Ages*, Delhi, 2011: 87-91.

Haldhar, S.M. 2012. 'An Outlook of Buddhist Economy System,' *Religious Thought (Issue No. 2)*, *Almustafa University*, Iran, 80-85.

ENGLISH

Major Activities

Visiting Fellows, Conferences and Refresher Courses: Under the DSA programme, nine eminent scholars visited the Department as visiting fellows. A National Conference on 'The Dalit Experience and the Question of Marginality' was held. Five workshops on topics ranging from 'The truth and its Others' to 'Fascism and India' were held. A refresher course on Dalit writings was organized.

M.Phil. Degrees awarded

M.Phil. - 18

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsored Organization</i>
Memory, Movement and the Mahila Samiti in Assam	Dr. Rimli Bhattacharya Dr. Hemjyoti Medhi	Sephis, Amsterdam
Nehru's Children' on archiving the films of the Children's Film Society of India.	Dr. Nandini Chandra	Foundation for Arts

Projects taken up involving inter-institutional collaboration:

Prof. Harish Trivedi: Co-ordinator (and contributor) for South and South-East Asia, in the project to write A History of World Literature, sponsored by The Stockholm Collegium of World Literary History, Stockholm University, 2004-2012.

Coordinating member, 'Prospects for English Studies: India and Britain compared,' two-year research project funded by the Arts and Humanities Research Council, UK. The project involves faculty from the Open University, UK, JNU, Jamia Millia Islamia, and the University of Delhi. <http://www.open.ac.uk/Arts/ind-uk-es/index.shtml>.

Prof. Malashri Lal: Member of the Leverhulme Network on Postcolonial translation, which involves collaboration with faculty members from Newcastle University, School of Oriental and African Studies, Jawaharlal Nehru University and Delhi University.

Dr. Rimli Bhattacharya: Involved in a project on 'The construction of the subject English in secondary schools in London, Johannesburg and Delhi'. This is a joint project with scholars from Britain and South Africa, funded by The British Academy Association of Commonwealth Universities.

Dr. Subarno Chattarji: Coordinating member, 'Prospects for English Studies: India and Britain compared,' two-year research project funded by the Arts and Humanities Research Council, UK. The project involves faculty from the Open University, UK, Jawaharlal Nehru University, Jamia Millia Islamia, and the University of Delhi. <http://www.open.ac.uk/Arts/ind-uk-es/index.shtml>.

Dr. Tapan Basu: Coordinating member, 'Prospects for English Studies: India and Britain compared,' two-year research project funded by the Arts and Humanities Research Council, UK. The project involves faculty from the Open University, UK, Jawaharlal Nehru University, Jamia Millia Islamia, and the University of Delhi. <http://www.open.ac.uk/Arts/ind-uk-es/index.shtml>.

Appointments of faculty members to higher Posts/Assignments

Prof. Harish Trivedi: Visiting Professor at the University of Chicago, USA, for the Spring Term, March to June 2011. Taught a course on 'Critics of Colonialism - Fanon and Gandhi,' cross-listed in the Departments of History, Anthropology, Social Sciences, and South Asia; Chairperson, Indian Association for Commonwealth Literature and Language Studies, 2005-. Vice-President, Comparative Literature Association of India; Member of the Executive Board, Stockholm Collegium of World Literary History; Co-ordinator (one of six from around the world) for writing a History of World Literature, an International project based in Stockholm; Nominated Member (as a 'Person of Eminence in the Field of Literature') of the General Council of the Sahitya Akademi, New Delhi; Member of the Advisory Committee, National Translation Mission of the National Knowledge Commission.

Prof. Malashri Lal: Senior Consultant, Ministry of Culture, July 2011; UGC Nominee for SAP programmes at Calcutta University, University of Hyderabad, and Jamia Millia Islamia; Governor of Rajasthan's nominee on Board of VMOU University, Kota, Rajasthan.

Prof. Shormishtha Panja: Senior Research Fellow, Roehampton Univ., UK, March 2012 (By Invitation); Member, Steering Committee, Theatre Without Borders International Working Group; President, Shakespeare Society of India.

Prof. Udaya Kumar: Member, Board of Studies, Department of English, Jamia Millia Islamia, New Delhi; Member, Editorial Advisory Board, *Routledge Encyclopaedia of Modernism*.

Dr. Rimli Bhattacharya: Visiting Fellow, DEOML, Visva-Bharati University, Santiniketan. 4-12 March 2012; Visiting Fellow, Department of English, SNDT Women's University, Mumbai. 22-27 February 2012.

Dr. Subarno Chattarji: Member, Editorial Advisory Board for Orient Black Swan series on Journalism Studies; Member, National Selection Committee, 2012-2013 Fulbright-Nehru Visiting Lecturer Fellowships.

Dr. Tapan Basu: Member of the National Selection Committee for the Fulbright-Nehru Senior Research Fellowships in October 2011.

Dr. Brinda Bose: Jury Member, *The Hindu* Literary Prize for Indian Fiction 2011 (June-October 2011); Member, Nominating Panel for Literature, Rolex Arts and Humanities Initiative, Geneva, July-December 2011.

Dr. Ira Raja: Associate Editor, *South Asia: Journal of South Asian Studies* (Taylor and Francis); Member, Editorial Board, *Thesis Eleven: Critical Theory and Historical Sociology*, Sage.

Dr. Rochelle Pinto: Invited to teach at the PhD programme, *Heritage of Portuguese Influence*, of the Interdisciplinary Research Institute in collaboration with the Centro de Estudos Sociais, University of Coimbra, Portugal, 4 May-22 June 2012.

Honours/Distinctions

Prof. Malashri Lal: Dean Academic Activities & Projects, University of Delhi, January 2012.

Prof. Shormishtha Panja: President, Shakespeare Society of India.

Prof. Sambudha Sen: Renominated to the Advisory Board of *Victorian Studies*.

Dr. Rimli Bhattacharya: Research & Publication Grant, University of Delhi towards ongoing project on 'Rabindranath Tagore: Practices of Arts and Education'. 2011.

Dr. Nandini Chandra: Editorial Board Member of *Studies in South Asian Film and Media*, Intellect Pvt. Ltd., October 2011.

Seminars/Conference attended

Prof. Harish Trivedi: 'But the World is What It is: Literature and Social Change.' Paper presented at the 30th Anniversary Conference of the West Indies Literature Association on *I Dream to Change the World: Literature & Social Transformation*, University of the West Indies, St. Augustine, Trinidad, 13-15 October 2011.

Prof. Malashri Lal: 'The Indian Woman, From Myth to Modernity: Revisiting the Mythology of Sita.' Asia Society, Washington DC, USA, 30 June 2011.

Bhutan Literature Festival, 'Mountain Echoes'. Chaired and Moderated 4 sessions including one on 'The Power of She', Oral Narratives, translating Ballad literature, 20-25 May 2011.

International conference on 'Contemporarizing Tagore and the World', by Jamia Millia Islamia, University of Dhaka, Visva Bharati University. Paper on 'The Feminine in the Tagorean Oeuvre,' *Reba Som and Malashri Lal*, 29 April-1 May 2011.

Prof. Shormishtha Panja: 'Shakespeare on the Indian Stage and Screen' Distinguished Drama Lecture, University of Hull, UK, March 2012.

'Shakespeare on the Indian Screen' Roehampton University, UK, March 2012.

'19th and 20th Century Bengali Retellings of Shakespeare and their Illustrations' Sheffield Hallam University, UK, March 2012.

'In Search of a Local Habitation': Illustrations in 19th Century Bengali Prose Retellings of Shakespeare,' 'Shakespeare and the Visual Arts' Seminar, World Shakespeare Congress, Prague, Czech Republic, July 2011.

'Marriage, Monarch, Mayhem: Queen Elizabeth I and the Anomaly of the Political Woman' Theater Without Borders, Madrid, Spain, May 2011.

Dr. Udaya Kumar: 'Personal and Public Histories: Nehru and His Vernacular Successors.' 40th Annual Conference on South Asia at Madison, Wisconsin, October 2011.

'Conditions of Reception: Rabindranath Tagore in Kerala.' Conference on 'Many Worlds of Rabindranath Tagore', Department of South Asian Languages and Civilizations, University of Chicago, October 2011.

Dr. Christel R. Dewadawson: 'Imagining India: Art education and the graduate seminar', Canadian International Conference on Education, (CICE) University of Toronto, subsequently published in conference proceedings, April 2011.

Dr. Rupendra Guha Majumdar: Paper title: 'Eugene O'Neill's Tryst with the Power of Blackness'. International Conference on Eugene O'Neill, Greenwich Village, New York City, USA, 22-26 June 2011.

Dr. Nandini Chandra: 'Child Grotesque: The Sadistic Framing of Children in Contemporary Visual Culture', at the 8th IAWRT Asian Women's Film Festival 2012 Seminar on 'Representing Children's World: Gender, Media and Society', IIC, New Delhi, 5-7 March 2012.

'State and Society in the Superhero Comics of the 1970s' at a panel on "Superheroes and Statism: Imaginings of Everyday State in South Asia", Annual Conference of the Association for Asian Studies, Toronto, Canada, 15-18 March 2012.

Invited talk on 'Dibakar Banerji and the Contradictions of Contemporary Hindi Cinema', School of Film Studies, University of British Columbia, Vancouver, 7 April 2011.

'The Impossibility of Children's Politics: The 'Child Political' in Colonial North India' at a panel on 'Youth Public Cultures' in the Annual meeting of the Association for Asian Studies, Honolulu, 29 March- 4 April 2011.

Dr. Ira Raja: 'The Aesthetics of Accommodation: Signboards, Streets and Democratic Spaces', with Ken Botnick, conference on *Popular Print and Visual Cultures*, La Trobe University, Melbourne, Australia, 8-10 June 2011.

'The Elevating Influence of Friendship': Interiority, Sisterhood and Marriage in late 19th century India', University of Western Sydney, Sydney, Australia, 6 May 2011.

'The Elevating Influence of Friendship': Interiority, Sisterhood and Marriage in late 19th century India', ANU, Canberra, Australia, 8 April 2011.

'Intimate Tyranny', *Violence and the Imagination Colloquium*, Monash University, Melbourne, Australia, 15 June 2011.

Prof. Harish Trivedi: Keynote Address, 'The Precolonial and the Postcolonial: A Long Perspective.' Conference on 'Disciplining the Margins, or Relocating Postcolonial Studies', University of Stuttgart, Freudenstadt, 21-24 July 2011.

Keynote Address, 'Words and Worlds: Transculturalism, Translation, Identity,' A NORDFORSK Symposium, the Nordic Network of Literary Transculturation Studies, Helsinki, 26-28 August 2011.

'Notions of Contemporaneity: Tagore in Different Times'. Paper presented at International conference on 'Tagore's Vision of the Contemporary World'. The Indian Council for Cultural Relations, New Delhi, 10-12 October 2011.

Keynote Lecture, Annual Sahitya Akademi Conference, on 'Katha-Kathan: The Short Story in India'. New Delhi, 16-18 February 2012.

Plenary Lecture, 'Minority Literatures and World Literature', and Valedictory Address, at the conference on 'Minority Discourses Across the World', Comparative Literature Association of India at the Central University of Rajasthan, Kishangarh, 26-28 Feb. 2012.

Keynote Lecture, 'Translation, Ideology and Politics in the Twenty-First Century', Indira Gandhi National Open University, New Delhi, 2-4 March 2012.

Dr. Udaya Kumar: 'The Strange Homeliness of the Night: Spectral Speech and the Dalit Present in C. Ayyappan's Stories'. Talk at the Institute of Public Knowledge, New York University, October 2011.

'Conceptions of the Public in Early Twentieth Century Kerala: Some Preliminary Reflections'. Workshop on Conceptual History, Centre for the Study of Developing Societies, Delhi, September 2011.

'Configuring the Past: Some Idioms of Cultural Memory in Early Twentieth Century Kerala'. Chattampi Swamikal Memorial Lecture at the School of Renaissance Studies, Sri Sankara Sanskrit University, Kalady, October 2011.

'Visadeekaranakkurippukalkkoru Vyaakaranam: C. Ayyappante Raappakalukal'. [A Grammar for Explanatory Notes: The Nights and Days of C. Ayyappan]. R. Narendra Prasad Memorial Lecture at the School of Letters, Mahatma Gandhi University, Kottayam, December 2011.

'Impossible Inhabitations: Love and the Subject in C. Ayyappan's Stories'. Workshop on 'Love and Revolution,' Nehru Memorial Museum and Library, New Delhi, January 2012.

'Reading the Braille of Annual Rings: The Multiple Archives of N. S. Madhavan'. 40th World Congress of the International Institute of Sociology, February 2012.

Dr. Brinda Bose: 'Kolkata Turning: Bengali Cinema and the Politics of Change'. Thesis Eleven Centre's Festival of Ideas, Melbourne, 7-16 June 2011.

Dr. Nandini Chandra: Invited Talk on 'Corporal Punishment and the Myth of Childhood in Colonial North India (1920-50)', Thesis Eleven's Popular Print and Visual Cultures Festival, La Trobe University, Melbourne, Australia, 7-15 June 2011.

Prof. Malashri Lal: 'Tagore and Androgyny' at International Conference on 'Rabindranath Tagore: His Writings and Art beyond Bengal'. ICCR, Govt. of India, 19-20 March 2012.

Conference Advisor. 'Gender, Diversity & Cultural Pluralism: Canada & India'. International Conference by Centre for Canadian Studies, University of Delhi, 17-18 January 2012.

Moderated 4 sessions at the Jaipur Literature Festival, 20-23 January 2012.

Advisor and Chair, Workshop 'Rajasthani Translations: Key Texts In Literature & Culture.' VMOU, Kota, Regional Centre, Jaipur, 10 December 2011.

'Orality, Social change and Empowerment: Santhal Women in Birbhum, West Bengal'. International conference on 'Orality: Word, Text and Beyond'. Indian Institute of Advanced Study, Shimla, 10-12 October 2011.

'Rabindranath Tagore's Mahabharata: Episodic Incursions.' Sahitya Akademi National Seminar on 'Kurus, our Contemporaries: The Relevance of the Mahabharata', Dharamshala, 24-26 August 2011.

Dr. Shirshendu Chakrabarti: 'Tagore and the Search for an Alternative Modernity in Literature', 'International Conference on Tagore, Neruda, Césaire: A View from the South', Indian Institute of Advanced Study, Shimla, 4-6 October 2011.

Prof. Shormishtha Panja: 'Posters of Shakespeare Films', 'Shakespeare and Film', Shakespeare Society of India and IIS University, Jaipur, October 2011.

Dr. Christel R. Dewadawson: 'Killing the 'other': Memory and history in Sri Lankan docufiction, at a UGC National Seminar on 'Engaging the 'other'. South Asian writing in English, R.K. Mission College, Narendrapur, Kolkata, February 2012.

'The Golden Age and the cult of the amateur,' International Conference on crime fiction, 'The Body of evidence,' St Stephen's College, University of Delhi, February 2012.

'Mediating space: The Dandi march and contemporary Delhi,' International Conference on Visual Space, Centre for Performance and Cultural Studies, (CPRACISIS), Chennai, January 2012.

Dr. Rimli Bhattacharya: 'Figurations and Configurations,' International Seminar on 'Temporal spaces, corporeality and embodiment in Tagore's theatrical works', National School of Drama, Delhi, 20 January 2012.

'Head Curry: Familiar Food', International Conference on the Politics of Children's Literature, Ravenshaw University, Cuttack, January 2012.

'Playing with Time', International Conference on Tagore, Neruda, Césaire: A View from the South, IAS, Shimla, October 2011.

Dr. Tapan Basu: 'The Body-Politics of Religious Belonging: Dalit Interrogations of the Physiology of Caste'. A talk delivered at Workshop on Caste and Intimacy at the Nehru Memorial Museum and Library, New Delhi, December 2011.

Dr. Rupendra Guha Majumdar: National Conference on 'Shakespeare and Film', Jaipur, September 13-15, 2011: Paper title: "*Et in Arcadia Ego*: Ophelia's Dark Passage and Recall.'

Dr. Brinda Bose: 'Tagore and Ray: Women, Marriage, Desire'. Frontiers of History Seminar Series, India International Centre, 9 September 2011.

'Framing a Politics of Dis/Sensual Feminisms'. Notes from Underground: Feminism at the Crossroads, JNU, SAA, 17 October 2011.

Dr. Raj Kumar: 'Sita's Curse, Shambuka's Silence: An Interpretation of Indian Myths' in a Seminar organized by Shyamlal College, Delhi University on 15 April 2011.

'Myth, History and Politics: Caliban as the Subaltern Subject' in an International Seminar organized by St. Bede College, Shimla in collaboration with Shakespeare Association, India, 22-24 September 2011.

'Dialectics of Violence: Reading Caste Atrocities in Indian Novels' in an International Conference organized by Teen Murti, Delhi, 9-10 December 2011.

Dr. Nandini Chandra: Panelist at a discussion on 'The Future of Culture Studies and Higher Education' with Colin McCabe, organized by the Gender Studies Group, University of Delhi, 23 November 2011.

Dr. Rochelle Pinto: Workshop on Cultural Studies, Department of Literature and Cultural Studies, Punjab University, Chandigarh, January 2012.

'Time and History', a lecture/Workshop in Exploring Key Concepts: Lecture and Workshop Series on Critical Theory, organized by the School of Language, Literature and Culture Studies, Central University of Gujarat, Gandhinagar, 1-4 February 2012.

'Archives and the mundane', 40th World Congress of the International Institute of Sociology, Delhi, 16-19 February 2012.

Dr. Baidik Bhattacharya: 'The Body and the Archive: New Research Paradigms'. The 40th IIS World Congress, New Delhi, February 2012.

Publications

Trivedi, H. (Edited, with an Introduction and Notes). *Kim* by Rudyard Kipling. London: Penguin Classics, May 2011. (US edition, November 2011.) 'Introduction,' pp. xix- xlvi; 'Notes', pp. 332-77.

Articles

'Agyeya ki Angrezi Kavitaen'. [In Hindi: The English Poems of Agyeya] *Samkaleen Bharatiya Sahitya*, March-April 2011, pp. 46-58.

'Literary and Visual Portrayals of Gandhi', in *The Cambridge Companion to Gandhi*, eds. Judith Brown and Anthony Parel. Cambridge: Cambridge University Press, 2011, pp. 199-218.

'Reading Kipling in India,' in *The Cambridge Companion to Kipling*, (ed.) Howard C. Booth. Cambridge: Cambridge University Press, 2011, pp. 187-99.

'Revolutionary Non-Violence: Gandhi in Postcolonial and Subaltern Discourse.' *Interventions: International Journal of Postcolonial Studies*, London, 13:4, Winter 2011, pp. 521-49.

'Kal, Parson, Tarson...' [In Hindi: Tomorrow, the Day after Tomorrow, or the Day after That]. A memoir of Agyeya, in *Apne Apne Agyeya* [One's Own Agyeya.], (ed.) Om Thanvi, 2 Vols. New Delhi: Vani Prakashan, 2012.

Lal, M. 2012. Co-edited. *Chamba-Achamba: Women's Oral Narratives*, New Delhi: Sahitya Akademi.

Panja, S. Translation of Rabindranath Tagore's short story ('Shubha,') letters and excerpt of travelogue (*From Persia*) in *The Essential Tagore* eds. Fakrul Alam and Radha Chakravarty. Cambridge: Harvard University Press, 2011 and Kolkata: Visva Bharati Press.

Kumar, U. 2011. Self, Body and Inner Sense: Some Observations on Sree Narayana Guru and Kumaran Asan. *The Indian Postcolonial*. Eds. Elleka Boehmer and Rosinka Chaudhuri. London: Routledge, Reprint.

Bhattacharya, R. 2012. Making a 'Play-text': Innovative Uses of Traditional Arts. *Journal of Language and Language Teaching*. Vol. 1, 1: 40-45.

2011. The performance of identity and histories of representation. In *Literatures and oratures as knowledge-system: texts from the north-east* (eds. G. Biswas, S. Dasgupta and S. Das) 43–76. Delhi: Akansha Publishers.

2011. A Clean Slate? In *Tagore and China* (eds.) T. Chung and A. Dev, 221-240. Delhi: Sage Publications.

Chattarji, S. 2011. ‘Mass-mediated terror: some transnational media representations of the 2005 London bombings’. In *Transatlantic Encounters: Philosophy, Media, Politics*, (eds) Elzbieta H. Oleksy and Wieslaw Oleksy, 99-108. Peter Lang, Frankfurt, Berlin, New York, Oxford.

Basu, T. 2012. ‘Caste Matters: Rabindranath Tagore’s Engagement with India’s Ancient Social Hierarchies’ in a special, Tagore issue of *South Asia: Journal of South Asian Studies*.

Majumdar, R.G. 2011. Four entries on the Cinema of Ingmar Bergman, ed. Marcelline Block. UK: Intellect Publishers.

2011. Translation of *Roktokorobi* in *The Essential Tagore*, ed. Fakrul Alam and Radha Chakravarty. Cambridge, MA: Harvard University Press.

2012. ‘Deep in My Silent Sea’: The Influence of Coleridge’s *The Ancient Mariner* on Eugene O’Neill.’ *Intertextual Exchanges*, ed. Drew Eisenhauer & Brenda Murphy, Jefferson, North Carolina: McFarland.

2012. ‘Eugene O’Neill’s Tryst with the Power of Blackness.’ In *Critical Insights: Eugene O’Neill*. Ed. Steven Bloom. New York: EBSCO Publishers.

Bose, B. ‘Of Desire and Dissensus’. *Seminar* 623, May 2011.

‘Cities, sexualities and modernities: A reading of Indian cinema’. *Thesis Eleven: critical theory and historical sociology* 105, May 2011.

2012. ‘From Nashta Nir to Charulata: Ray’s Creation of a Postcolonial Aura for Tagore Fiction’. *Filming Fiction*, eds. M Asaddudin and Anuradha Ghosh, OUP.

Review

Ghosh, A. *River of Smoke*, Biblio, July-August 2011.

Co-Authored (with Prasanta Chakravarty).

‘Kolkata Churning’. *The Hindu*, 23 April 2011.

‘Glass Consciousness’. www.humanitiesunderground.wordpress.com, 30 May 2011.

‘That Undying Flame’. *The Hindu*, 16 July 2011.

‘A Messiah for Our Moderate Liberatti’. www.kafila.org, 31 July 2011.

Kumar, R. 2011. 'Caste, Class and Power: Representations of Dalits in Indian Novels' in *Journal of the School of Language, Literature and Cultural Studies*, Vol. 15, Spring, JNU, New Delhi, 110-128.

Raja, I. and Bahri, D. 2011. Postcolonial Literature: Key Journal and Institutions. In *Cambridge History of Postcolonial Literature* (ed.) Ato Quayson, 2: 1155-1188. Cambridge: University Press, Cambridge.

Raja, I. 2011. New Literatures: The Indian Subcontinent and Sri Lanka. In *The Year's Work in English Studies* (ed.) William Baker and Kenneth Womack, 90: 994-1004. Oxford: University Press, Oxford.

2011. Libations (English translation of Usha Yadav's short story, 'Tarpan'). In *The Lotus Singers: Stories from Contemporary South Asia* (ed.) Trevor Carolan, 191-199. Boston: Cheng & Tsui.

Botnick, K. and Raja, I. 2011. Subtle Technology: Intimacy, Embellishment and Adaptation in Indian Street Graphics and Design. *Design Issues* 27.4: 43-55.

Chandra, N. 2011. Private Nation, Public Funds: The Case of the Foreign Education Providers (Regulation of Entry and Operation) 2010 Bill. *Sanhati*. <http://sanhati.com/excerpted/4108>.

2011. Progressive Literature and Nation Building: Talat Ahmed's *Literature and Politics in the Age of Nationalism: The Progressive Episode 1932-50*. Routledge, 2009. *The Book Review*. 4: 5-6.

2011. *Bhimayana. Biblio*. 16. 3-4: 23-24.

Bhattacharya, B. and Srivastava, N. (eds) 2012. The Postcolonial Gramsci. New York: Routledge.

Journal Articles and Book Chapters

Bhattacharya, B. 2011. VS Naipaul and Fictions of Subaltern Diaspora. *South Asian Review* 32: 27-47.

2012. The Secular alliance: Gramsci, Said, and the Postcolonial Question. In *The Postcolonial Gramsci* (eds.) Baidik Bhattacharya and Neelam Srivastava, Routledge, New York. 80-97.

Bhattacharya, B. and Srivastava, N. 2012. Introduction: The postcolonial Gramsci. In *The Postcolonial Gramsci* (ed.) Baidik Bhattacharya and Neelam Srivastava, Routledge, New York.

GERMANIC AND ROMANCE STUDIES

Major Activities

Eighth Symposium of Research Scholars in German Studies supported by the DAAD, University of Delhi, 12-14 January 2012.

Ongoing collaborative project with the Bergische University Wuppertal (Germany): *Translation and Cultural Exchange* under the DAAD programme 'A New Passage to India' in which MA students, research scholars and faculty members from both universities collaborate in the translation of Hindi novels into German.

M.Phil. Degrees awarded

M.Phil. - 3

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Contemporary African Fiction.	Prof. Kusum Aggarwal	R&D
Discourses on Political Nightmares in Latin American Literature (Study will be based on selected colonial/postcolonial literary texts).	Prof. Vibha Maurya	R&D
European Responses to the Revolt of 1857 in India.	Prof. Shaswati Mazumdar	R&D
The Historical Novel in Contemporary Times in the Hispanic World.	Dr. Vijaya Venkataraman	R&D
German translations of the Punjabi-Sufi poet Shah Hussain.	Dr. Rosy Singh	R&D
The Dialectics of Form and Content in the Twentieth Century Francophone Short Story.	Dr. Ena Panda	R&D

Appointments of the faculty members to higher Posts/Assignments

Dr. Sharmistha Lahiri: Conferred by the Italian President the state honours of the Order of Knight, the Star of Italian Solidarity medal, presented to her by the Italian ambassador in November 2011.

Dr. Minni Sawhney: Head of Department for 2012 at the School of Languages, Doon University.

Dr. Jyoti Sabharwal: Course coordinator of the Masters Programme of the German Department, Centre for Literature and Culture Studies, Central University Gujarat, Gandhinagar, 2011-12.

Member Board of Studies, MS University, Baroda, 2011-2012.

Honours/Distinctions

Prof. Vibha Maurya: Nominated as a member of the core committee of the Project *South-Sur, Latin America and India*, by Institute of Latin American Studies, Frey Universitat, Berlin, Germany.

Seminars/Conferences held

International Conference on Laugh so you don't cry? Contemporary Encounters of the Tragic and the Comic, 1-3 March 2012.

Seminars/Conferences attended

Dr. Kusum Aggarwal: La littérature africaine d'expression africaine : quelques réflexions sur son insertion dans le cursus universitaire indien, paper presented at the International Congress of AITF (Association of Indian Teachers of French) on *Études francophones: enjeux et perspectives* organized in collaboration with the University of Madurai, 16-19 February 2012.

Deux interprétations du fait colonial : *La République coloniale. Essai sur une utopie* (2003) de Nicholas Bancel, Pascal Blanchard et Françoise Vergès et *République et Colonie. Entre histoire et mémoire* (1999) de Bernard Mouralis, paper presented at the International Colloquium, Lire les littératures africaines, Penser le fait coloniale avec Bernard Mouralis, University of Montpellier, 11-12 May 2011.

Prof. Vibha Maurya: 'Humour in the Time of Repression: Reading of Selected Fictional Narrative from Central America', paper read at the International Conference on 'Laugh so you don't cry? Contemporary Encounters of the Tragic and the Comic, Department of Germanic and Romance Studies, University of Delhi, 1-3 March 2012.

'Cruces revolucionarios: La recepción de la poesía de Pablo Neruda en la India', (article under publication) Proceedings of the International Conference on South -Sur Latin America -India in Institute for Latin American Studies, Freie University, Berlin, Germany, October 2011.

Prof. Shaswati Mazumdar: *Gegenwart/Literatur/Geschichte*. Conference, Bielefeld University, Germany, 8-10 December 2011.

Invited Lectures given as Visiting Professor at the Collaborative Research Centre *The Political as Communicative Space in History*, Bielefeld University, Germany, 5-10 December 2011.

Lecture 1: 'Poetik und Politik in populären deutschen Indienromanen des neunzehnten Jahrhunderts'; Lecture 2: 'Historisch-politisches Bewußtsein in den neueren Romanen von Amitav Ghosh'.

Invited Lecture given at the Goethe University Frankfurt, Germany, 28 June 2011: 'The Revolt of 1857: Europe's Other Encounter with India'. '(Re)Locating Orientalism' between East and West. International Symposium of the Occident and Orient Research Group, Austrian Academy of Sciences, Vienna, 3-5 April 2011. Paper presented: 'The Jew, the Turk and the Indian. Figurations of the Oriental in the 19th Century German-speaking world'.

Dr. M.S. Joshi: *Der nuetzliche Autor und der fabelhafte Text*, National Conference, Department of Germanic and Romance Studies, 11-14 January 2012.

World Literature and Translation Praxis, National Conference, Jawaharlal Nehru University, 16-18 January 2012.

Dr. Maneesha Taneja: *Translation as a Dialogue between cultures: The Jesuit Experience*, International Conference 'Saint Francis Xavier, a Universal Navarrese and the Jesuit Missionary Enterprise. Elements, Conflicts and Assimilations of two Cultures', Goa, 1-3 December 2011.

Dr. Jyoti Sabharwal: *Indaf* [Society of German Teachers in India] International Conference, Max Mueller Bhavan, Delhi, January 2012.

Nachwuchssymposium of DAAD [German Academic Exchange] Delhi University, Delhi, 11-14 January 2012.

Dr. Rosy Singh: 'Peter Handke's 'Warum eine Küche?' : Memories, War and Media', International Conference on Rethinking Genres: From the Analogue to Digital, JNU, 27 September 2011.

'Culture and Cosmology in the poetry of Shah Hussain', National Conference on Understanding Culture in Language, Literature and Film, Doon University, 25 Nov. 2011.

Dr. Ena Panda: Presented a paper on The Death of Tragedy that is still 'haunting us' on the theme *Laugh so you don't cry? Contemporary Encounters of the Tragic and the Comic*, International Conference, Department of Germanic and Romance Studies, University of Delhi, 1-3 March 2012.

Dr. Rama Paul, Dr. Manmohan Singh, Dr. Rosy Singh, Dr. Jyoti Sabharwal, Dr. Maneesha Taneja, Dr. Tanya Roy, Dr. Vijaya Venkataraman, Dr. Farida Irani, Dr. M.S. Joshi, Prof. Shaswati Mazumdar and Dr. Kusum Aggarwal: *Laugh so you don't cry? Contemporary Encounters of the Tragic and the Comic* International Conference, Department of Germanic and Romance Studies, University of Delhi, 1-3 March 2012.

Publications

Co-Editors: Vibha Maurya y Mariela Insúa, 2011, Actas del I Congreso Ibero-asiático de hispanistas Siglo de Oro e Hispanismo general, Edición Servicio de Publicaciones de la Universidad de Navarra. Publicaciones digitales del GRISO. Materia Estudios culturales; Literatura de los Siglos de Oro, Pamplona, Internet page <http://www.unav.es/publicacion/ciahso>.

Mazumdar, S. 2011. Review of *Aamir R. Mufti: Enlightenment in the Colony: The Jewish Question and the Crisis of Postcolonial Culture*. *CSSAAME* 3 : 664-667.

Lahiri, S. 2011. A Contemporary Reading of the Amorous Subject in Lyrical Tradition: Cavalcanti and Rudel intertexted in Petrarch. *Spunti e Ricerche*. 26: 91-107.

2011. *Il Sempione strizza l'occhio al Fréjus: Attesa e progetto di una città ideale*. Bibliotheca Phoenix, Carla Rossi Academy Press, Pistoia.

2011. *La città nelle donne di Messina*. Bibliotheca Phoenix, Carla Rossi Academy Press, Pistoia.

Venkataraman, V. 2011. '¿Novela policiaca? o ¿Novela picaresca? Formas paródicas e intentos satíricos en la novelística de Eduardo Mendoza' <http://dspace.unav.es/dspace/bitstream/10171/20345/1/Venkataraman.pdf>.

2011. 'De la crítica de la lectura hacia la crítica de la escritura: desde *Don Quijote* hasta *Yo el Supremo*' in Hagedorn, Hans Christian (Coord.) *Don Quijote en su periplo universal*. Ediciones de la Universidad Castilla-La Mancha: Cuenca.

2011. 'El dragón del fuego: A Dramatic Representation of the Revolt' in Mazumdar, S. (ed) *Insurgent Sepoys: Europe views the Revolt of 1857*. Routledge: London/New York/New Delhi.

Taneja, M. and Maurya, V. 'A View of the Revolt in the Spanish Press' in *Insurgent Sepoys- Europe views the Revolt of 1857* (ed. Shaswati Mazumdar), Routledge, 2011. New Delhi, U.K. ISBN: 978-0-415-59799-9.

Singh, R. 2011. 'Rilke's Fifth Duino Elegy and Picasso's La famille des saltimbanques. Two fin-de-siècle Narratives on Circus', *South Asian Ensemble. A Canadian Quarterly of Arts, Literature and Culture*, Vol. 3, No. 3, 62-84.

2011. 'Zum Ästhetischen und Sakralen im Werk Rilkes. Die Buddha-Gedichte', *Weimarer Beiträge*, 57. Jg., Heft 2, 213-25.

Singh, R. and Gill, H.S. 2011. 'Shah Hussain', *South Asian Ensemble. A Canadian Quarterly of Arts, Literature and Culture*, Vol. 3 & 4, N. 4/1, 157-170.

Articles and Papers

Maurya, V. 2011. 'Don Quijote y Sancho Panza: imágenes binarias y relaciones dialécticas', published in e book, Actas del I Congreso Ibero-asiático de hispanistas Siglo de Oro e Hispanismo general, Edición Servicio de Publicaciones de la Universidad de Navarra. Publicaciones digitales del GRISO. Materia Estudios culturales; Literatura de los Siglos de Oro, Pamplona, Internet page <http://www.unav.es/publicacion/ciahso>.

Panda, E, Thomas, J.P., Kumar, S. and Kalplata (ed.) 2012. Fond ou forme: problématique dialectique du récit bref français du XIXe Siècle in Littérature française: Recherches, EFLU.

HINDI

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	16
M.Phil.	-	20

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
DRS-SAP 'Hindi Sahitya ke Itihas ka Punarlekhan'.	Prof. Ramesh Gautam	UGC
Uttar-Adhunik Kahani aur Vikhandit Manavtavad.		UGC
Biswi Shatabdi Ki Hindi Patrakarita Mein Stri Vimarsh.	Dr. Kumud Sharma	UGC

Appointments of faculty members to higher Posts/Assignments

Prof. Gopeshwar Singh: Chairperson, Delhi Public Library Purchasing Committee.

Honours/Distinction

Dr. Kumud Sharma: Received 'Bhartendu Harishchandra Puraskar' on 'Samachar Bazar Ki Naitikta' by I & B Ministry, Govt. of India.

Seminars/Conferences attended

Prof. Prem Singh: International Conference for Disabled women – Chaired the Session – SAI Auditorium, New Delhi, 27 February 2012.

International Conference held in the Vilnius University, Lithuania on 'The Body in Cinemas of South Asia', 30 June-2 July 2011.

Prof. Apoorvanand Jha: University of Pennsylvania, America, July 2011.

Dr. Kusum Lata Malik: Presented a paper titled 'Environment, Employment and Women', in an International Conference organized by All India Confederation of the Blind, Delhi, 8 June 2011.

Presented a paper titled 'Self help and Marginalized Sector' in an International Conference organized by All India Confederation of the Blind, Delhi, 16 October 2011.

Presented a paper titled 'Education system in India' in an International Conference organized by Tecnia Institute of Rehabilitation Sciences, Delhi, 21 January 2012.

Dr. Puran Chand Tandon: Hindi Medium Implementation, University of Delhi, National Conference, 8 April 2011.

Hindi Prachar Parishad, Bangalore, National Conference, 9 April 2011.

Rural Electrification Corporation, Govt. of India, National Conference, 16 May 2011.

Indian Petroleum Institution, Dehradun, National Conference, 10 June 2011.

Power Finance Corporation of India, Govt. of India, National Conference, 28 June 2011.

'Gramin Vikas me Hindi Ki Upyogita' National Conference, Habitat Centre, New Delhi, 27 July 2011.

Kendriya Bhandaran Nigam, Govt. of India, National Conference, 21 October 2011.

Kendriya Hindi Nideshalaya, National Conference, 21 January 2012.

Dakshin Bharat Hindi Prachar Sabha, Chennai, National Conference at Trichurapalli, 16 February 2012.

Bharat, Bhartiya Aur Bharat-Bharati, National Conference, 24-25 February 2012.

Publications

Gautam, R. 12 Research Papers in 'Hindi Natak : Nai Parakh' one book review in Samkalin Bhartiya Sahitya.

Jha, A. 'Yatra Vritant Aur Mohanjodro', *Sangna-2*, Sangeet Natak Acadamey, Delhi.

Youth Before Indian Higher Education, September 2011.

Muktibodh Ka Adhyayan, *Alochna*, 2011.

Singh, P. Manviya Sarokaro Ke Kahanikar Vishnu Prabhakar Smarika, Hansraj College, Delhi, 2011.

Samkalin Hindi Kahani, Itihas Lekhan Ki Samasyaein, *Samsamyakik Srijan*, April-June, 2012.

- Singh, S.** 'We Waqt Gujar Gaya Mali', Shere Wa Hikyat, Hyderabad.
'Yaha Ek Mochi Rahta Tha', Shere Wa Hikyat, Hyderabad.
- Sharma, K.** 'Mana Hum Chidiya Hain, Par Jad Wali'.
- Gautam, R.** *Adhunik Hindi Kavita Main Rashtriyata Ke Swar, Hum Bharat Ke Log - Lok Tanra Pramparaa Aur Aayaam*, Publication Division Govt of India.
'Lok Kavyaroop Ragini Kavya Ka Udbhava aur vikas, Punarlekhan-4, Department of Hindi, University of Delhi, April 2011.
- Sharma, K.** 'Srijan Ke Shikhar : Mannu Bhandari', Delhi: Kitab Ghar.
- Gautam, R.** 'Hindi Natak : Nai Parakh', New Delhi: Swaraj Prakashan.
- Mishra, A.** 'Kabra Bhi Kaid Au' Janjeere Bhi' (Kahani Sangrah), Delhi: Rajkamal Prakashan, Delhi, 2012.
- Singh, G.** 'Alochna Ka Naya Path', Kitab Ghar, New Delhi:Darya Ganj.
- Singh, S.** 'Mera Bachpan Mere Modhe, Jalandhar.
- Singh, P.** 'Deep Se Deep Jale' (Nibandh), New Delhi: Swaraj Prakashan.
'Tarana' (Kavita Sangrah), New Delhi: Swaraj Prakash.
- Tandon, P.C.** 'Sur Manjusha' (Part 1, 2 & 3), Delhi: Neeta Prakashan.
'Neeta Hindi' (Hindi Kosh), Delhi: Neeta Prakashan.
Research Articles in Bhasha, Sahriday, Anuvaad and Various Magazines.
- Mishra, A.** *Kahani Midday Meal, 'Yathastithi Se Takrate Huye*, 2012, pp. 157-180.
Samkaleen Chunautiyaan, October-March, 2011, Shamsher Ka Gadya, pp. 36-40.
Mere Humdum Mere Dost, Sangrathan, Tiruanantpuram, Kerala, February 2012, pp. 30-34.
'List Se Gayab' Classic Hindi Kahani, Published by Harper Callings, (ed.) Prof. Push Pal Singh, 2012.
'Kab Ke Gair-Jaruri Pradesh Me' Selected for Allahabad University, M.A. (Hindi) Book.
'Chhavni Me Beghar' English Translation, Madhu B. Joshi, Book : Her Piece of Sky, ed. Deepa Agarwal, 2011.
'Pushpak Vimaan' Japanees Translation, Dr. Tomoko Kikuchi, Published on Japanees Blog, 2011.
- Gautam, R.** Research Journal 'Punarlekhan' of Hindi Department, Delhi University, Under DRS-SAP Programme.
- Jha, A.** 'Teen Sau Ramayana', Delhi: Vani Prakashan.

LIBRARY AND INFORMATION SCIENCE

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	5
M.Phil.	-	9

Honours/Distinctions

Dr. Shailendra Kumar: Awarded IATLIS –Ratna Laxman Rao LIS Best Teacher Award.

Dr. K.P. Singh: Awarded SATKAL Young Librarian Award.

Seminars/Conferences held

International Conference of Asian Special Libraries (ICoSL 2011) on Leadership, Ethics, Accountability and Professionalism in Library Services, organized by Institute of Economic Growth, University of Delhi, 16 March 2012.

Seminars/Conferences attended

Prof. S.P. Singh: National Seminar on Innovative Challenges in Information Services: Challenging Paradigm for Sustenance of Library and Information Centres in Digital Era organized by University of Jammu, 1-3 March 2012.

Dr. M. Madhusudhan: XXVIII All India Conference of the IASLIC on Library Vision 2020, organized by the University of Kashmir, Srinagar, 10-13 October 2011.

Publications

Bhatt, R.K. 2011. Libraries in India: Collection to Connectivity. Ane Books Pvt. Ltd, New Delhi.

Research Articles

Walia, P.K. and Momeni, E. 2011. Collection development in public libraries of Tehran. *Collection Building*. 30. 4:160-166.

Kumar, S. and Singh, M. 2011. Access and use of electronic information resources by scientists of National Physical Laboratory in India. *Singapore Journal of Library and Information Management*. 40.

Kumar, S. Roy, P. and Satija, M.P. 2011. Database searching in central university libraries in India. *Library Philosophy and Practice*.

Bhatt, R.K. 2011. Relevance of Ranganathan's Laws of Library Science in Marketing Library. *Library Philosophy and Practice*.

Madhusudhan, M. 2011. Quality Performance and Job Satisfaction among Select Engineering College Librarians in India: A Survey. *International Journal of Library and Information Studies*, 1.3: 28-47. (ISSN: 2231-4911).

- Madhusudhan, M. and Aggarwal, S. 2011.** Web-based Online Public Access Catalogues of IIT libraries in India: An evaluative study. Program: Electronic Library and Information Systems. 45.4:149-157. (ISSN: 0033-0337, ISI Journal).
- Madhusudhan, M. and Nagabhushanam, V. 2011.** Use of Web-based library services in Select University Libraries in India: A Study. *International Journal of Library and Information Studies* 1.4 (In publication). (ISSN: 2231-4911).
- Walia, P.K. and Gupta, M. 2012.** Collection Development in Delhi Public Library System (India): A Case Study. *Information Studies*. 18.1: 25-40.
- Walia, P.K. and Kaur, P. 2011.** Access to Online Agricultural Information Services in India using AGMARKNET. *Journal of Library and Information Science*. 36. 1&2: 13-20.
- Siddiqui, S. and Walia, P.K. 2011.** Information Literacy: A Lifelong Learning Culture. *Journal of Library and Information Science*. 36. 1&2: 61-72.
- Kumar, S., Roy, P. and Satija, M.P. 2012.** Problems in searching online databases: A case study of select central university libraries in India. DESIDOC, *Journal of Library and Information Technology*. 32.1: 59-63.
- Kumar, S. and Ngaigte, M. 2011.** Use of Web-based Information Resources in Biochemistry by Research Scholars of University of Delhi. *Journal of Library and Information Science*. 36.1&2: 35-52.
- Kumar, S. and Rai, N. 2011.** Literature review of research on web interface in library management. DESIDOC *Journal of Library and Information Technology*. 31.4: 262-74.
- Bhatt, R.K. 2011.** University Libraries in India: Past, present and future. *University News: A Weekly Journal of Higher Education*. 49.33: 9-19.
- Singh, K.P. 2012.** Growth and development of agricultural education, research and libraries in India. DESIDOC *Journal of Library & Information Technology*. 32.1: 5-14.
- Singh, K.P. and Gulati, D. 2012.** Agricultural Associations in India: A study. DESIDOC *Journal of Library & Information Technology* (DJLIT). 32.1: 45-52.
- 2011.** Open source software: New avatars in pricing environment. *KELPRO Bulletin*. 15.2: 5-16.
- Singh, K.P. and Negi, N. 2011.** Open access and scholarly communication: Role of public funded research and development organization of India. IASLIC Bulletin. 56.4: 211-233.
- Singh, K.P. 2011.** SATKAL annual award giving function and seminar on future libraries: A Report. *Library Herald*. 49.4: 355-358.
- Singh, K.P., Bebi and Gulati, Dipti. 2011.** Technological march from web 1.0 to web 3.0: A comparative study. *Library Herald*. 49.2: 146-157.

Singh, K.P. and Gill, M.S. 2011. Use of social networking sites by the research scholars: A study of Guru Nanak Dev University, Amritsar, *Library Herald*, 49.3: 229-241.

Singh, K.P. and Singh, N. 2011. Depth schedule for common auxiliaries of place in Universal Decimal Classification for rendering Indian States and Districts. *DESIDOC Journal of Library & Information Technology*. 31.6: 415-430.

Aggarwal, S. and Madhusudhan, M. 2011. Evaluation of Open Source Software-based OPACs of select University Libraries of East and West: A study. *Journal of Library and Information Science*. 36.1&2:87-113.

LINGUISTICS

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	4
M.Phil.	-	19

Seminars/Conferences attended

Prof. Ravinder Gargesh: Presented a paper 'Some aspects of discourse in Indian English', XVII Annual Conference of the International Association of World Englishes at Melbourne, Australia, 27-29 November 2011.

Presented a paper 'Some aspects of Sufism in Punjabi Literature', Annual Conference of the Global Association of Indo-Asean Studies at Deachun, South Korea, 17 June 2011.

Special Lecture 'Indian English in the context of English world-wide, Spring Seminar, Graduate Building, Hankuk University of Foreign Studies, Seoul, 30 May 2011.

Dr. Shobha Satyanath: Attended a panel on Sociolinguistic study of Bengal and Bengali speech communities organized by International Congress of Bengal Studies at University of Dhaka, 18-21 December 2011.

Dr. Pradeep Kumar Das: Presented a paper titled 'The complex issue of Conjunct Verb Construction in Hindi-Urdu' in the National Seminar at Aligarh Muslim University, Aligarh, February 2012.

Publications

Article

Bhattacharya, T. 2011. Diagnosing double object constructions in Bangla/Bengali. *Lingua*, Vol. 121, issue 6, May 2011.

(eds) Jason Merchang and Simpson Andrew, 2011. *Sluicing in Indo-Aryan. An investigation of Bangla and Hindi in Slicing in a cross linguistic perspective*, Oxford University Press.

Books/Monographs

Das, P.K. 2011. *Grammar of Bhojpuri*. Lincom Europa, Germany.

Edited and Compiled

Chandershekhar, Gargesh, R., Raseed, A. and Tiwari, M. 2011. (ed) *Persian-Hindi-English-Urdu Dictionary*, Vol.3, Tehran: Al Hoda Publishers.

Research Articles

Gargesh, R. 2011. Sufism and the poetry of Bulleh Shah. *Journal of Asian Studies*, Vol. 17-1: 297-327.

2011. Semiolinguistics and the analysis of Agyeya's poem 'Kira'. *Journal of Indian Studies*, Vol. 16.1: 169-233.

MODERN INDIAN LANGUAGES AND LITERARY STUDIES

Major Activities

This year, the department is preparing to launch short-term courses in Indian Literature and Indian Languages. The research programme in the field of Comparative Indian Literature, Folklore and Indian Languages and Literature, initiated by the Department, have drawn the attention of scholars from India and abroad. The Department has produced a good number of scholars in these fields during these years. The Master programme in Comparative Indian Literature has also come to limelight for its unique design and its relevance in the multi-lingual and multi-cultural situation of India, where a wide variety of literatures are produced in different languages.

The Department has also undertaken various initiatives under the ongoing UGC DRS assistance. Under this scheme, the thrust areas are: *Comparative Indian Literature*, *Translation Studies* and *Indian Folklore and Tribal lore*.

Appointments of faculty members to higher Post/Assignments

Dr. G. Rajagopal: Appointed Visiting Professor of Tamil to Jagiellonian University, Krakow, Poland.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	2
M.Phil.	-	3
Net	-	2

Seminars/Conferences held

National Seminar on 'Problematising Comparative Indian Literature: Special Reference to North-Eastern Experiences', 22-23 February 2012.

Seminars/Conferences attended

Prof. P.C. Pattanaik: Participated in the National Seminar on *Common Features of Eastern Indian Languages* organized by CIIL, Mysore. Chaired a session and presented a paper on 'Common Features of Assamese, Bengali and Oriya', Assam, March 2012.

Participated in the National Seminar on *The Mahabharat and its Impact in Eastern India* organized by Utkal University, Bhubaneswar, Chaired a session and presented a paper on 'The Mahabharat: its Impact on the Social-cultural life of the People of Eastern India', March 2012.

Participated in the National Seminar on *Laxminath Bezbaruah and his Contemporaries in Eastern India* organized by NERLC, Guwahati, Assam, Chaired a session and presented a paper on 'Phakirmohan Senapati and the Elements of Satire in his Characters', November 2011.

Participated in the National Seminar on *Folklore* organized by Dibrugarh University, Assam, Chaired a session and presented a paper on 'Kaluribenta: Anatomy of an Endless Game', November 2011.

Participated as Resource Person in the National Workshop on '*Preparation of Dictionary of Administrative Terminology*' organized by CIIL, Mysore, North Bengal University, Siliguri, November 2011.

Participated as Resource Person in the National Workshop on '*Preparation of Dictionary of Literary Terms*', organized by CIIL, Mysore, held in North Bengal University, Siliguri, March-April 2011.

Dr. Ratnottama Das: Paper presented on '*Problems of Translating Children's Literature*' in the National Seminar on 'Aspects of Contemporary Indian Children's Literature: Problems and Solutions', Bal Bhavan, Delhi, 20-23 April 2012.

Paper presented on '*Land, the Cultural Identity of the Deori: a Peep through Tribal lore*', in the 2nd Golden Jubilee National Seminar on 'Glimpses of Land and landscape in Indian Literature' held in the Department of MIL & LS, University of Delhi, 2011.

Dr. Rajendra Mehta and Dr. V. Kumar: Presented a paper on '*Mojila Manilal-a Post-modern Play*' in a National Seminar organized By K.K. Arts and Commerce College, Ankleshwar, Gujarat, 31 December 2011.

Edited and translated the 'Bilingual administrative word glossary' in a National Workshop organized by the Commission for Scientific and Technical Terminology, Delhi, 18-24 August 2011.

Presented a paper on 'The Early Gujarati Criticism' in the National Seminar organized by the Gujarat Sahitya Akademi, 11 February 2012.

Dr. Venkata Ramaiah Gampa: Presented a paper titled, 'Internet to Telugu Pustakalu Mariyu Itara Samacharam' in Telugu in Prapancha Telugu Racayitala Rendava Mahasabhalu on Charita – Samskruti – Sanketikata: Repati Avasaralu organized by Krishna Jilla Rachayitala Samgham, Andhra Pradesh in collaboration with Central Institute of Indian Languages, Mysore, 13-15 August 2011.

Presented a paper titled 'Prapanchikarana Nepathyamlo Telugu Bhasha Sthitigatulu' in Telugu in the National Seminar on Prapanchikarana Neapthyamlo Degree Sthayi Dvitiya Bhasha Telugu Patyamshala Savaranala Pramukhyata organised by Department of Telugu, S.V.K.P. & Dr. K. S. Raju Science and Arts College, Penugonda, West Godavari Dist. AP, 24-25 September 2011.

Dr. V. Narayanappa: Presented a paper entitled, 'Prasaaraanga – Uddesyam' in the National Seminar on Art of Publications – Management Skills, Kuppum, organized by the Publications & Extension Services, Dravidian University, Kuppam, 17-18 August 2011.

Dr. Ravi P. Tekchandani: Presented a paper entitled, 'Translations of Tagore's Writings in Sindhi: A Brief Survey' in the International Conference at University of Dhaka, Bangladesh, 17-21 December 2011.

Research Schemes

<i>Title</i>	<i>Principal Investigators</i>	<i>Sponsoring Organization</i>
Thematic Survey of Post Independence Gujarati, Marathi and Hindi Plays.	Dr. Mehta Rajendra V. Kumar	UGC

Publications

Pattanaik, P.C. 2011. 'Comparative Literature: Why, What and How?' in Sanghamitra Mishra and Narayan Sahu, Ed. *Purba bharatiya sahityara tulantmaka bichar*, Bhubaneswar: Utkal University, pp. 161-212.

Premananthan, K. 2011. *Intiyach Chirukatahikal (1900-2000)* (Tamil Translation of the Anthology Indian Short Stories compiled by E.V. Ramakrishnan) New Delhi: Sahitya Akademy. (ISBN-978-81-260-2984-6).

Research Articles

'Thirumbum thisaiyellam thiraikal' (Ubiquitous Screens). Chennai: *Kumudam Theeranathi*. September, 2011.

'Thiraiyil varaiyappatta thamizhnilam' (Tamil land mapped on Screen), Chennai: *Kumudam Theeranathi*, October, 2011.

'Siruteiva marapukalum senthamizhar perunkanavum' (Minor Deities and Grand Dreams of Tamils), Chennai: *Kumudam Theeranathi*, December, 2011.

'Kotpattum ezhuttum' (Ideology and Literature) Bangaluru: *Chitredu* Literary Magazine. January, 2012.

'Marathiyinal kattapadum varalaaru' (History constructed with oblivion), Chennai: *Kumudam Theeranathi*, January, 2012.

'Thirai azhakiyalum thiripataintha paliyalum' (Aesthetic of Film and Distorted Sexuality), Chennai: *Kumudam Theeranathi*, February, 2012.

'Vanmuraiyin paliyalput tilaiippu' (Violence as Sexual Ecstasy), Chennai: *Kumudam Theeranathi*, March, 2012.

Das, R, 2011. 'Krishna Bhuyar sutigalpa: A Bird's Eye View' in Dr. Apurba Bora Ed. *Oxomiya sutigalpar oitijya aru bibartan*, Jorhat: Kendriya Mahavidyala.

Gampa, V.R. 'Telugu Bhashaku Emaindi?' (In Telugu), *Suryaa* (Aksharam page) 5 Sept. 2011.

'Prapanchikarana Sahitya Dhrukpatham.' (In Telugu), *Suryaa*. (Aksharam page) 19 September 2011.

Narayanappa, V. 'Hampee Hariharudu' (Telugu Translation of D.L. Narasimhachar's *Hampeya Harihara* (Kannada), Mysore University, 1983), Mysore. August, 2011.

Tekchandani, R.P. (Ed). *M.K. Jetley: Life and Works*. Sindhi Book Trust, India.

PHILOSOPHY

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	2
M.Phil.	-	5

Research Schemes

<i>Title</i>	<i>Principal Investigators</i>	<i>Sponsoring Organization</i>
World Religions Ethics.	Dr. Shashi Motilal	Book Project on funded by DU under R&D and Doctoral Research Programme

Honours/Distinctions

Prof. Ashok Vohra: Invited to deliver the First Annual Professor K. Satchidananda Murty Memorial Lecture for the year 2012 by Acarya Nagarjuna University, Guntur, Andhra Pradesh.

Appointed Member of the Editorial Advisory Board of *Unmilana* half yearly research journal in Philosophy published in Hindi.

Member of the Editorial/Advisory Boards of the following Journals:

(i) Indian Philosophical Quarterly published by Pune University, Pune; (ii) *Suvidya*: Journal of Philosophy and Religion published by Suvidya College, Bangalore; (iii) *Indian Journal of Analytic Philosophy*, published from Utkal University, Bhubaneswar; (iv) Multilingual International Journal *DilatatoCorde*– Journal of Dialogue of Religious Experience, published from Rome, Italy; (v) *Journal of the Indian Council of Philosophical Research (JICPR)*, published by Indian Council of Philosophical Research, New Delhi.

Directed an International Seminar on ‘Professor K. Satchidananda Murty’s Philosophy: An Evaluation (A Seminar to commemorate Professor K. Satchidananda Murty)’, held in Andhra University, Vishakhapatnam from 21-24 September 2011.

Dr. Bindu Puri: Appointed as reviewer for The International Journal *Philosophia* in October 2011, manuscript No. PHIA778.

Dr. Shashi Motilal: Invited Visiting Faculty at Department of Philosophy, Carleton University, Ottawa, ON, Canada, July – August 2011.

Seminars/Conferences attended

Prof. Ashok Vohra: Delivered the keynote address titled ‘Perception, Cognition and Religious Symbolism’ at the National Seminar on ‘Philosophy of Perception: A Contemporary Perspective’ held at Sameeksha Research Centre, Kalady, 26-27 March 2012.

Delivered the keynote address titled ‘Time, Reality and Experience: Pluralistic Approach’ at the National Symposium on ‘Time, Reality and Experience’, IP College, 16 February 2012.

Delivered the First Annual Professor K. Satchidananda Murty Memorial Lecture titled ‘The Notion of Indianness: An Elucidation’ in Acarya Nagarjuna University, Guntur, AP, 24 January 2012.

Delivered the keynote address titled ‘Indian Theory of Positive Human Rights’ at Choudwar College, Choudwar, Cuttack, Odisha, 17-18 December 2011.

Delivered the keynote address titled ‘Bhartiyata: Rashtriya Pehchan aur Akhandata ki Dhyotak’ on 5 September 2011 in the National Seminar on ‘National Integration : Old and New Bearings’ in PK Roy Memorial College, Dhanbad, Vinoba Bhave University, Hazaribagh, 5-7 September 2011.

A series of two lectures on ‘Wittgenstein’s Philosophy of Language’ in the National Workshop on the Philosophy of Language held at the Academic Staff College, Lucknow University, Lucknow, 25-26 August 2011.

A series of two lectures titled 'Early and Later Wittgenstein' in the Refresher Course held by the Academic Staff College, Banaras Hindu University, Varanasi, 17 September 2011.

Lecture on 'Professor K. Satchidananda Murty: His Life and Thought' in the International Seminar on 'K. Satchidananda Murty's Philosophy: An Evaluation (A Seminar to commemorate K. Satchidananda Murty)' held in Andhra University, Vishakhapatnam, 21-24 September 2011.

Lecture on 'Philosophy, Spirituality, and Nonviolence: Appraisal of K. Ramakrishna Rao's *Gandhi and Applied Spirituality*' in the National Seminar on 'Spiritual Aspects of Mahatma Gandhi's Philosophy and Practices' in the GITAM University, Vishakhapatnam, 30 September-2 October 2011.

Lecture on 'Man and Environment: Indian Perspective' in the National Seminar on 'Practical Ethics: Vision and Values for the Professions' held in Choudwar College, Cuttack, 23-24 October 2011.

A series of four lectures on 'Alternative Methods of Doing Philosophy' in the National Workshop on 'Skill Development for Ph.D. Scholars in Philosophy' held in the Academic Centre, Indian Council of Philosophical Research, Lucknow, December 2011.

Chaired the First Academic Session of the National Seminar on 'Religious Pluralism: A Response to Terrorism' held in University of Calcutta, 20 February 2012.

Dr. Shashi Motilal: Invited Keynote Lecture on 'Human Rights and Human Moral Obligations: Some perspectives on the Ancient and Modern interpretations of the concept of 'Dharma' at Conference on Asian Religious Values and Social Justice organized by the Department of Politics, Philosophy and Religion, Lancaster University, UK, 26-28 Sept. 2011.

Presented paper at International Conference on 'Restoring Culture of Values and Ethics; the Holistic Education Way' organized by the Centre for Values and Ethics, Ramanujan College, University of Delhi, 8-10 February 2012.

Presented a paper on 'The Nature of Moral Obligation and Duties to the Distant Needy' in a International Workshop on 'Indo – Norway Relations and Potential for Partnership' organized by Research Information Systems for Developing Countries and CSMN Research Council of Norway, 29-30 April 2011.

Presented paper 'Can Ethical Theory be Opposed to Moral Practice' at National Seminar on Ethics in Theory and Ordinary Moral Practice organized by Department of Philosophy, Assam University, Silchar, 26-27 March 2012.

Dr. Bindu Puri: Invited to the National Seminar on Rabindranath Tagore and Contemporary Indian Social Sciences held at ICSSR-NERC Shillong. Presented a paper entitled Freedom and the dynamics of the Self and Other: Re-constructing the debate between Tagore and Gandhi, 15-17 September 2011.

Invited to present a paper at the National Seminar on Gurudev Rabindranath Tagore: A multi disciplinary Perspective. This seminar was organized by the Department of Fine Arts Punjabi University, Patiala. Presented a paper entitled 'Tagore and Gandhi; truth untruth and the nature of swaraj', 28 March 2012.

Invited to deliver a talk at the Centre for Philosophy JNU, School of Social Sciences, New Delhi. The talk was on *The debate between Gandhi and Tagore; A philosophical re-construction*, 2 November 2011.

Dr. Ajay Verma: Presented a paper titled *Sanction and Sanctity of the Vedic Word: A Review of K. Satchidanand Murty's 'Vedic Hermeneutics'* held in Andhra University, Vishakhapatnam, 21-24 September 2011.

Presented a paper titled *Verbal Absolutism: East and West* at UGC sponsored Seminar on The Dimensions of the Absolute: An Indian Scenario organized by Zakir Husain College, 21-22 March 2012.

Publications

Research Articles

Vohra, A. 'Ideal of Education in Traditional Indian Thought', *Dialogue*, Vol. 12, No. 4, April-June 2011, pp. 98-104.

'Book Discussion: Part 1 Chapter 1,2&3, K. Ramakrishna Rao: *Gandhi and Applied Spirituality*', Matrix Publishers, New Delhi, 2011', *GITAM Journal of Gandhian Studies*, Vol. 1, No. 1, January-June, 2012, pp. 155-165.

'Obituary: Kotta Satchidananda Murty (1924-2011)', *Journal of Indian Council of Philosophical Research (JICPR)*, Volume XXVIII, No. 2, April- June 2011, pp. 1-11.

'Tulnatmak Dharma Darshanke Unnayak Acharya Professor K. Satchidananda Murty', *Unmilan*, July, 2011, Vol. 25, No. 2, pp. 104-116.

'Ideal of Education in Traditional Indian Thought', *Dialogue*, Vol. 12, No. 4, April-June 2011, pp. 98-104.

'Why Jainism Matters', *The Sunday Pioneer*, 11 March 2012.

'The Mahatma and His Idea of Religion', *The Sunday Pioneer*, 19 February 2012.

'Never forget your duties for rights', *The Sunday Pioneer*, 15 January 2012.

'There's need and also greed', *The Times of India*, 29 November 2011.

'The Gandhi Connection', Review of Gopalkrishna Gandhi's *of A Certain Age: Twenty Life Sketches*, Penguin, 2011, *The Sunday Pioneer*, 6 November 2011.

'Analysing Ganesha', Review of Devadutt Pattnaiks's *99 Thoughts on Ganesha*, Jaico, 2011, *The Sunday Pioneer*, 14 August 2011.

'Religion Remained an Enigma for Nehru', *The Sunday Pioneer*, 3 July 2011.

'Nehru's Scientific Humanism', *The Times of India*, 27 May 2011.

'Doctrine of the Golden Mean', *The Times of India*, 17 May 2011.

'Religious Pluralism and Hinduism', *The Speaking Tree, Times of India*, 15 May 2011.

'Being Indian', *The Sunday Pioneer*, 8 May 2011.

'A Beautiful Mind' Review of Mukund Rao (ed), *The Biology of Enlightenment: Unpublished Conversations of U.G. Krishnamurti After He Came into the Natural State (1967–71)*, Harper Collins Publishers India, 2010, *The Sunday Pioneer*, 24 April 2011.

Puri, B. The Self and the Other: Liberalism and Gandhi published in *Philosophia* in 2011. Springer, E-offprint ISSN0048-3893. *Philosophia* DOI 10.1007/s11406-011-9323-8.

Motilal, S. 2012. Foundationalism and Coherentism: The Debate About Justification of Knowledge. In *History of Science and Philosophy of Science* (ed.) Sengupta, P., Vol. XIII Part 7. Pearson Education, New Delhi.

PUNJABI

Major Activities

Keeping in mind the scarcity of standard text-books in Punjabi and changed academic scenario of the university, our department took a significant initiative related to the preparation of sixteen new text-books (Anthologies) for Under-graduate Courses in Punjabi, to be and being taught under semester mode from the academic session 2011-2012. The department received overwhelming response from the teaching community in this regard. With a remarkable legacy of being the nerve centre for Delhi School of Punjabi Criticism, the department has kept up with the changing times by hosting National and International Seminars, memorial lectures, Diaspora series annually. The platform provided by the department for live wire interactions among thinkers, writers and teachers on one hand, and between the intellectuals and the students on the other hand, has ensured that the department remains at the centre of Punjabi literature and culture's dynamic transformation through the decades.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	6
M.Phil.	-	6

Appointments of faculty members to higher Posts/Assignments

Dr. Manjit Singh: Member of the Jury for the selection of 'Yuva Puraskār' (2011) instituted by Sahityā Akademi (National Academy of Letters), Delhi; Vice-chairman of Guru Tegh Bahadur Institute of Technology affiliated to Guru Gobind Singh Inderprastha University.

Seminars/Conferences held

The Department organized an Extension Lecture delivered by Prof. Paramjit Singh Sidhu, School of Punjabi Studies, Guru Nanak Dev University, Amritsar on 'Linguistics and Literature', 22 July 2011.

Organized an Extension Lecture delivered by Prof. Jagjit Singh, Head, School of Punjabi Studies, Punjab University, Chandigarh on 'Sufi-Kaav: Satta De Virodh Da Pravchan', 1 August 2011.

Organized a face-to-face programme with Smt. Bachint Kaur — an eminent Punjabi fiction writer, which was followed by a special lecture delivered by Prof. Satish Kumar Verma, Director, Student Welfare Centre, Punjabi University, Patiala, on 'Multi Media, Theater and Diasporic Situations', 11 August 2011.

Organized a face-to-face programme with Dr. Davinder Kaur and Janab Mushtaq — eminent writers of UK, 15 February 2012.

Organized Prof. Harbhajan Singh Memorial Lecture on 'Punjabi Kavita Te Sangeet'. Dr. Surjit Patar (Padam Shri Awarded an Eminent Punjabi Poet) delivered this lecture. Dr. Jaswant Singh Neki, Eminent Punjabi Poet, Psychiatrist, Sr. consultant WHO and consultant UND and former Director PGI Chandigarh presided over the function, 15 March 2012.

Organized a National Seminar on 'Revisiting Literary Writings of Dr. Sawrajbir', in collaboration with Punjabi Academy, Delhi. Shri Amarjit Singh Grewal — an eminent literary thinker, presented the keynote, 22-23 March 2012.

Seminars/Conferences attended

Dr. Manjit Singh: Presented a paper on 'Kolkata ate Purvi Bharat Di Punjabi Kavita' (ed) Hardev Singh Gerewal at Bharati Bhasha Parishad, Kolkata, organized by Punjabi Sahit Sabha, Kolkata in collaboration with Punjabi Academy, Delhi, 27 August 2011.

Presented a paper on the Personality and literary achievements of Gyani Kuldeep Singh, First Chairman of Punjabi Sahit Sabha, Delhi at Punjabi Bhawan, New Delhi, 12 November 2011.

Presented a paper on 'Ikiveen Sadi Da Punjabi Dharam Chintan' in a National Seminar on 'Ikiveen Sadi Da Punjabi Sahit : Sarup Te Chunnoutian' organized by Punjabi Academy, Delhi, Sahit Kendra, Bhasha Vibhag, Punjab and Bhai Veer Singh Sahit Sadan at Bhai Veer Singh Sahit Sadan, New Delhi, 21-22 October 2011.

Presented a paper on 'Epistemology of Kannad Vachana Sahitya and The Bani of Sri Guru Granth Sahib' in a National Seminar on Comparative Study of Vachna Sahit and Guru Granth Sahib at Mysore, organized by Sahitya Akademi, New Delhi, 17-18 September 2011.

Presented a research-paper entitled 'Guru Nanak Bani : Darshan Te Kala', UGC sponsored National Seminar organized by : Guru Nanak Dev Studies & Research Centre and Department of Punjabi, Sant Mohan Singh Khalsa Labana Girls, 11 February 2012.

Presided over a session of the National Seminar on 'Ethics and Literature', organized by Punjabi Academy, Delhi, 2-3 March 2012.

Delivered a special/extension lecture on the subject 'Myth and Globalization' in the Department of Punjabi, Punjabi University Regional Centre, Mukatsar, Punjab in February 2012.

Delivered a Special/Extension lecture on the topic 'Myth, Gurbani and L.P.G. Culture' in the Department of Punjabi, Jammu University, February 2012.

Presided over a National Seminar on 'Limitation and Significances of Punjabi Media', organized by Punjabi Department SGTB Khalsa College, in collaboration with Punjabi Academy, Delhi, 25 February 2012.

Presented a research-paper entitled 'Dr. Sawrajbir De Natkan Vich Myth Da Roopantrann' in a National Seminar on 'Sawrajbir da Rachna-Sansar: Punar Chintan' organized by Department of Punjabi, University of Delhi and Punjabi Academy, Delhi, 22-23 March 2012.

Delivered an extension lecture on 'Significance and Relevance of Sikh Scriptures in the Contemporary Scenario' organized by Guru Nanak Study Centre, SPM College, University of Delhi, sponsored by UGC, January 2012.

Dr. Jaspal Kaur: Presented a research paper entitled 'Lokdhara/ Sabhiachar/ Vishvikaran' in a National Seminar on 'Punjabi Lokdhara Sahit ate Sabhiachar: Punar Vichar' organized by SGND Khalsa College, Delhi and Punjabi Academy, Delhi, 7 April 2011.

Presented a research paper entitled 'Ikiveen Sadi da Parvasi Punjabi Sahit' in a National Seminar on 'Ikiveen Sadi Da Punjabi Sahit : Saroop te Chunoutiyaan', organized by Punjabi Academy, Delhi; Bhasha Vibhag, Punjab and Bhai Vir Singh Sadan, Delhi, 21-22 October 2011.

Presented a research-paper entitled 'Punjabi Sabhiachar ate Vishvikaran: Anter Samvaad' in an International Seminar on 'Lokdhara ate Sabhiachar: Badalde Paripekh', organized by Shanti Devi Mahila College, Gurdaspur, Punjab, 9-10 March 2012.

Presented a research paper entitled 'Krishan: Hashiyagat Nat-Pravachan' in a National Seminar on 'Sawrajbir da Rachna-Sansar: Punar Chintan', organized by Department of Punjabi, University of Delhi and Punjabi Academy, Delhi, 22-23 March 2012.

Dr. Kulvir Gojra: Presented a research paper entitled 'Ikiveen Sadi di Punjabi Alochna: Saroop te Chunautiaan' in a two-days National Seminar on 'Trends and Challenges before 21st century Punjabi Literature' organized by Punjabi Academy, Delhi, 21-22 October 2011.

Presented a research paper entitled 'Adhunik Marad-Kaav Vich Naari Bimb di Nirmaankari' in a National Seminar on 'Nari Adhyan de Badalde Paripekoh' organized by the Department of Punjabi, Punjabi University, Patiala, 12-13 January 2012.

Presented a research paper entitled 'Samkali Punjabi Naatkaan vich Hashiyaagat Pachhaanaan di Peshkaari' in National Seminar on 'Punjabi Sahit Vich Hashiyaagat amuhaan Di Chetna' organized by Punjabi Department, Punjab University, Chandigarh, 12-13 March 2012.

Presented a research paper entitled '23 March: Suphne ton Vanchit hon da Kaav-Parvachan' in a National Seminar on 'Sawrajbir da Rachna-Sansaar: Punar-Chintan' organized by Department of Punjabi, University of Delhi, 22-23 March 2012.

Publications

Books

Kaur, J. 'Ki Hoeya' Translated Children Literature: Story Book, National Book Trust, India.

'Dard Da Rishta Ate Hor Kahanian' Translated Children Literature: Story Book, National Book Trust, India.

Articles

Singh, M. 2011. Meri England Yatra Safarnaama: Vartmaan Sarthkata, Santokh Singh Dhir, Simarti Granth, (ed.) Dr. Amarjit Kaur, pp. 214-222.

2012. Keynote Address (published in the book entitled '*Punjabi Vaartak: Punar Vichar* collection of seminar papers, (ed.) by Dr. Prithviraj Thapar, Delhi: Manpreet Parkashan, pp. 13-20.

Kaur, J. 2011. 'Punjabi Lok Parampara/Sanskriti/Vaishvikaran', *Bahuvachan*, (Hindi Magazine) Vardha, Maharashtra.

Gojra, K. 2011. 'Parvasi Punjabi Kavita: Naari Sarokar te Hungara' Punjabi Diaspora (ed.) Dr. Rajnider Pal Singh, Patiala: Publication Bureau, Punjabi University.

PERSIAN

Major Activities

Department has DRS programme for UGC and continuously endeavoring through Seminars.

Symposiums and published papers of the Seminars and Symposium in the form of Journals and books.

MoU between Department of Persian, University of Delhi and Faculty of Oriental Studies, University of Rome, Italy.

Honours/Distinctions

Prof. Rehana Khatoon: Honored with the Sir Syed Award for Promotion of Persian literature 2012 by Sir Syed Foundation, New Delhi.

Prof. Rehana Khatoon and Prof. S.B.F. Husaini: Honored with the Alberuni Award -2011 by Govt. of Iran.

Prof. S.B.F. Husaini, Prof Chander Shekhar and Dr. Idris Ahmad: Honored with the sa'di Award-2011 by Govt. of Iran.

Seminars/Conferences attended

Prof. Rehana Khatoon, Prof. S.B.F. Husaini, Prof. Chander Shekhar, Dr. Aleem Ashraf Khan, Dr. Rajinder Kumar and Dr. Allauddin Shah: Attended Hazrat Amir Khusrau lecture Series on: '*Bharti-Sanskriti Ki Tajdid aur Tausie Ke Alambardar Amir Khsrau*' at Department of Persian, University of Delhi, 24 January 2012.

Prof. S.B.F. Husaini, Prof. Chander Shekhar, Dr. Aleem Ashraf Khan, Dr. Rajinder Kumar and Dr. Allauddin Shah: Attended International Seminar on 'Deccan and Persian Language and Literature' at Department of Persian, University of Delhi, 19-21 March 2012.

Prof. Rehana Khatoon: Director and present a paper on 'Prof. Nazir Ahmad Munfarid Mohaqiq was Nuskha Shanas', International Seminar on contribution of late Prof. Nazir Ahmad to Discovery and Introduction of Persian Manuscripts in India' at Department of Persian, University of Delhi, 25 January 2012.

Present a paper on 'Mushafi be hasiyat Ek Tazkirah Nawe'es' International Seminar at Persian Research Centre, AMU, Aligarh, 3-5 March 2012.

Present a paper on 'Deccan Mein farsi Adab ek Mukhtasar Jayeza' International Seminar on 'Deccan and Persian Language and Literature' at Department of Persian, University of Delhi, 19- 21 March 2012.

Present a paper on 'Unnisvin Sadi ki ek tallif Qateh Burhan-e-Ghalib' International Seminar at Ghalib Institute, New Delhi, 23-24 March 2012.

Present a paper on 'Ghalib Tajaddud Garai ka Naqeeb', National Seminar held at A.P.R.I Tonk, 27-29 March 2012.

Prof. S.B.F. Husaini: International Conference on Commemorating Firdausi Shahnameh in the II Millennium 3-5 Deyimah University of Seestan Baluchistan, Zahidan, Iran, December 2011.

International Seminar on 'Baztab-e-Farhangi Dar Kalam-e-Nazer Akbarabadi', Department of Arabic and Persian, University of Allahabad, March 2012.

Seminar on Ahde Ghalib Ka Farsi Adab organized by Ghalib Institute, New Delhi.

Prof. Chander Shekhar, Dr. Allauddin Shah, Prof. S.B.F. Husaini, Dr. Aleem Ashraf Khan and Dr. Rajinder Kumar: Present a paper on the topic in International Seminar on 'Contribution of Late Prof. Nazir Ahmad to Discovery and Introduction of Persian Manuscripts in India' at Department of Persian, University of Delhi, 25 Jan. 2012.

Dr. Aleem Ashraf Khan: National Seminar on Arabic and Persian Literature of the 19th Century AD in India at Maulan Azad Arabic and Persian Research Institute, Tonk, Rajasthan, March 2012.

Dr. Rajinder Kumar: International Seminar on Naziri Nishaburi at J.M.I. New Delhi, 27-29 February 2012.

Dr. Allauddin Shah: International Seminar on Naziri Nishapuri at J.M.I., 27-29 Feb. 2012.

International Seminar on The cross Cultural Migration of Pan'catantra and its relevance in Contemporary World, Dept. of Sanskrit, University of Delhi, 15-16 December 2011.

International Seminar on Commemorating Firdawsi: Shahnameh in the 2nd Millennium, University of Sistan and Buluchistan, Iran, 24-26 December 2011.

National Seminar on Arabic and Persian Literature of the 19th Century AD in India at Maulan Azad Arabic and Persian Research Institute, Tonk, Rajasthan, March 2012.

Publications

Books

Khatoon, R. Edited ' *Delhi Past and Present Focus on Persian Sources*' .

Basatin-ul-Uns.

Edited 'Prof. Nazir Ahmad's Essays on Indo-Islamic Art, Architecture & Traditional Medicine'.

Edited '*Jam-e-Jam*', Sir Syed Ahmad Khan.

Husaini, S.B.F. 2011. Sahbai, Awwaleen Ustad-e-Farsi-e-Dilli College Special Number of Research Journal, Department of Persian, Delhi University.

Articles

Khatoon, R. '*Tarikh-e-Buhera Mein Manqool kuchh Waqeat Aur Zalzale*' Magazine published by DRS Programme.

'*Maulavi Shanasan Dar Hind*'. Persian Annual Research Journal, 2011-2012.

'*Booy-e-khush aashna ee*', Prof. Abidi, Commemorative Vol.- *Qand e Parsi*, Iran Culture House, New Delhi, 2011-12.

'*Ustad e bey khatir e Mundani*', Prof. Abidi, Commemorative Vol.- *Qand e Parsi*, Iran Culture House, New Delhi.

Husaini, S.B.F. 2011. In *^ekas-e- Shahnameh Dar Farhang-o- Zaban –e- Shibheh Qarreh Special Number Kakh-e Bigazand* Vol. II year 2011, University of Seestan, Baluchestan, Iran.

2012. Ghareeb-e Shahr Sukhanhaye Guftani Darad Qande parsī, Vol. 51-52.

Kumar, R. 2012. Organised by Department of Persian and read an Article in Persian entitled 'Ahmiyyate Adabie Tarikhe `Ali `Adil Shahi'.

2011. 'Shahre Dehli dar Dastanbooy-e-Ghalib', published in Research Journal 'Dehli`s Past and Present; Focus on Persian Sources', by Dept. of Persian, University of Delhi.

2011. 'Pand o Andarz Firdausi' published in an International Magazine entitled 'Kakh e bi Gazand', published by the University of Sistan and Baluchestan, Iran.

'Sifat e Neek Professor Amir Hasan Abedi', in Qand Parsi, No. 51–52, Spring - summer 2011, an International Magazine, published by Iran Cultural House, New Delhi.

Shah, A. 2011. Published on 'References of India and Indian Elements in Firdowsi's Shahnameh' in Proceedings of the International Seminar Commemorating Firdawsī: Shahnameh in the 2nd Millennium, University of Sistan and Baluchistan, Iran.

Majeed M.M. Raz-e-Anar-e-Surkh 2008 Surkh Anaar ka Raaz, Urdu Translation.

2011. Co-Translator Dr. S. Hasan Mahdi Husaini, *Islami Kitab Ghar Delhi & Tuka Tausia* Kitab, Iran.

(ed) *Insha-ye-Nazeer (Eighteenth Century Literature)* (edited by Husaini, S.B.F.), 2012. Centre For Persian Research. O.C.C. Embassy of I.R. Iran, New Delhi.

PSYCHOLOGY

Major Activities

The research activity focused on theory of mind, management of stress, anger, anxiety and depression, psychological interventions, culture, self and well-being, gender and social identity, positive emotions, organizational communication and socialization, HRD, and disabilities. Following were the special lectures delivered by distinguished individuals: 'Fostering Early Development: Social Risk Factor and Intervention' by Prof. Arnold Sameroff and Dr. Susan McDonough, University of Michigan. 'Meeting India's Mental Health Need' by Dr. Shaifali Sandhya, Core Faculty from Adler School of Professional Psychology. 'Mental Health and Health Education' by Prof. Milada Krejci, Faculty of Education, University of South Bohemia. 'Innovative Recognition and Response Training Model for Early Childhood Educators: The Solution for Expulsion' by Prof. Shulamit Ritblatt, Department Chair, Child and Family Development, College of Education, San Diego State University. 'Educational Interventions and Awareness Raising in Autism' by Dr Karen Guldberg, Director of Autism Centre for Education and Research (ACER), School of Education, University of Birmingham. 'The Tibetan Book of the Dead' by Ringu Tulku Rinpoche, Tibetan Master of the Kogyu Order.

Ph.D. Degrees awarded

Ph.D. - 10

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Mental Health Status and Social Support Systems of the Elderly in the National Capital Territory of Delhi.	Prof. N.K. Chadha	UGC
Life style interventions impact or psychological health & well being of the Elderly.	Prof. N.K. Chadha	R&D
Action Research on School Enrollment, Education and Cognitive-Behavioural Training for Street Children: A University-Community Participation Model.	Dr. S.P.K. Jena	R&D

Seminars/Conferences held

'The Tibetan Book of the Dead' by Ringu Tulku Rinpoche, Tibetan Master of the Kogyu Order, 14 September 2011.

'Working with Marginalized Youth' by Ms. Puneeta Roy, 28 September 2011.

'Fostering Early Development: Social Risk Factor and Intervention' by Prof. Arnold Sameroff and Dr. Susan McDonough, University of Michigan, 21 October 2011.

'Being Different' by Dr. Rajiv Malhotra, Infinity Foundation, 4 November 2011.

Regional Workshop on 'Indian Psychology: Achievements and Prospects', 20-21 January 2012.

'Innovative Recognition and Response Training Model for Early Childhood Educators: The Solution for Expulsion' by Prof. Shulamit Ritblatt, Department Chair, Child and Family Development, College of Education, San Diego State University, 24 January 2012.

'Educational Interventions and Awareness Raising in Autism' by Dr. Karen Guldborg, Director of Autism Centre for Education and Research, School of Education, University of Birmingham, 13 February 2012.

'Sanskrit: A Key to the Heart of India', by Dr. Sampadanaanda Mishra, Sri Aurobindo Society/Sri Aurobindo Foundation for Indian Culture (SAS/SAFIC), 22 March 2012.

'Mental Health and Health Education' by Prof. Milada Krejci, Faculty of Education from University of South Bohemia, 28 March 2012.

Seminar/Conferences attended

Prof. Anand Prakash: Presented a paper on Global Problem Solving conference held at George Mason University, Virginia, 21-24 March 2012.

Prof. N.K. Chadha: Visited USA to different institutions for various academic assignments and also to attend the National Career Development Association, USA Annual International Conference at San Antonio, Texas, USA, 28 June 2010-2 July 2011.

Visited France as a visiting social scientist under the Indo-French Exchange programme for social scientists for one month under UGC, India and FMSH, France.

Publications

Books

Chadha, N.K. 2011. *Human Resource Management-Issues, case studies and experiential exercises.* (3rd Edn.) New Delhi: Sai Printographers.

Vohra, S.S. and Kailash, S. 2011. *Psychology of Turbulence in Relationships: Research Cases and Interventions.* Delhi: Icon Publications.

Singh, P., Bain, P., Leong, C.H., Misra, G. and Ohtsubo, Y. (Eds.), 2011. *Psychological, group, and cultural processes in changing societies: The Progress in Asian social psychology series.* New Delhi: MacMillan.

Research Articles

Bhardwaj, B. (Ed.) 2012. *Stress Climate and Job Involvement in Telecommunication Organizations in Stress and Health Emerging Trends and Challenges* by Dr. Ajai Pratap Singh. New Delhi: Alfa Publications.

Bhatia, S. and Bhardwaj, G. 2011. *Capturing the Essence of Success Through the Life Stories of Empowered Indian Women.* *Indian Journal of Positive Psychology*, Vol. 2, Issue, 1 March 2011.

Bhardwaj, G. 2011. Understanding dynamics of human resource management and how it can be developed: A brief overview. *Jigyasa, Journal of Human Resource and Org. Dev.*, 35-38.

Bajaj, T. and Vohra, S.S. 2011. Therapeutic Implications of Dance. *Amity Journal of Applied Psychology*, 2, 1, 54-68.

Chadha, N.K. and Gupta, V. 2011. Organizational Role, Stress and Personality: Gender Comparison. *MAIMS Journal of Management*, Vol. 6(2), 1-8.

Chadha, N.K. and Malik, N. 2011. Enhancing Community Well-being Through Intergenerational Learning. *Indian Journal of Gerontology*, Vol. 24(3), 403-410.

Chadha, N.K. and Rao, T.S. 2011. Elderly Abuse: Form, Reasons and Impact. *Amity Journal of Applied Psychology*, Vol. 1(1), 48-56.

Chadha, N.K. and Singh, S. 2011. The work-meaning Model of Leadership: Understanding Leadership as a Meaning-Making Process. *MAIMS Journal of Management*, Vol. 5(1), 1-9.

Mathur, S. and Chadha, N.K. 2011. The Glass Ceiling: Exploring the Skewed Dynamics of Myths, Realities and Changing Landscapes. *Learning Community- An International Journal of Educational and Social Development*, Vol. 1(2), 167-172.

Misra, G. and Sharad, S. 2011. Authenticity: A key to positivity in Life. In A.K. Chauhan and S.S. Nathawat (Eds.), *New facets of positivism*, pp. 3-24. New Delhi: Macmillan.

Prakash, A. and Misra, G. 2012. Kenneth J. Gergen and Social Constructionism. *Psychological Studies*, D0110, 10071S12646-012-0151-0 (Online publication).

Vohra, S.S. 2011. Paper presentation on 'Perceptual – Cognitive Transformation' at a National Level Conference organized by the National University of Educational Planning & Administration.

2011. Paper presentation on 'Empowering the self' at a National Level Conference organized by the National University of Educational Planning and Administration.

Waraich, S.B. and Bhardwaj, G. 2011. Coping Strategies of Executive Survivors in Downsized Organizations in India. *SAM Advanced Management Journal*, Vol. 76, No.3, pp. 26-34.

Role of Emotional Intelligence on Leadership: A study conducted on Software Engineers in India, *International Journal of Management and Computing Sciences (IJMCS)*. Issue: April-June 2011, Vol.1 No. 2.

Health, job involvement and conflict management style as predictors of work-life balance. *Indian Journal of Positive Psychology*. Issue: Aug 2011, Vol. 2 No. 2.

SANSKRIT

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	12
M.Phil.	-	15

Appointments of faculty members to higher Posts/Assignments

Prof. Sharda Sharma: Nominated as a member of its Board of Examination, Rashtriya Sanskrit Sansthan, Janakpuri, New Delhi; UGC nominee on the Executive Committee

constituted by the Government of Odisha, Department of Higher Education for the S.C.S. Autonomous college, Puri; Member UGC nominee as the Board of management of Rashtriya Sanskrit Sansthan, New Delhi.

Seminars/Conferences held

National Workshop on 'The Vakyapadiya' Prof. Ashok Aklujkar, Professor Emeritus, University of British Columbia, Canada was the main resource person, 12-18 January 2012.

As a part of Prof. Narendra Nath Choudhary Memorial Lecture Series, *Prof. George Cardona*, Formerly Professor of Sanskrit & Linguistics, University of Pennsylvania delivered the lecture on Panini as an Innovator : His Relations With Predecessors And Reasons For Changing, 27 January, 2012.

International Seminar on 'Cross Culture Migration of Pancatantra and Its Relevance in Contemporary World', 15-16 December, 2011.

The Department Organized a Seminar on 'Relevance of Vedanta for Modern Life, 2 Jan. 2012.

Seminars/Conferences attended

Prof. Mithilesh Chatruvedi: Chaired a session in the International Seminar, organized by International Sanskrit Research Conference, Uttarkhand Sanskrit Universtiy, Haridwar, 9-11 September 2011.

Presided over the Seminar on "Self-management in the Bhagavadgita" organised by Vivekanand College, University of Delhi, 20 September 2011.

Delivered a lecture on "काका कालेलकर का गीता-दर्शन" as main speaker in the National Seminar on "महात्मा गांधी एवं गुरुदेव टैगोर के भाष्यकार आचार्य काका कालेलकर" organized by Gandhi Smriti & Gandhi Hindustan Sahitya Sabha at Rajghat, New Delhi.

Sh. Tek Chand Meena: International Seminar on "The Cross Cultural Migration of Pancatantra and its relevance in contemporary world organized by Department of Sanskrit, University of Delhi, South Campus, 15-16 December 2011.

National Workshop on Vakyapadiya organized by Department of Sanskrit, University of Delhi, supported by ICPR, 12-18 January 2012.

Dr. Meera Dwivedi: "संस्कृत-भाषाया वैश्विकनवोन्मेषः", अन्तार्राष्ट्रिय संस्कृत शोधसम्मेलन, उत्तराखण्ड संस्कृत विश्वविद्यालय 9-11 सितम्बर 2011.

"अर्वाचीन महिला संस्कृत रचनाकारों के आलोक में नारी-विमर्श", National Seminar on Women's Empowerment and Sanskrit Vangmay, organized by Hindu College, Delhi University, 23-24 February 2012.

"जीवन प्रबन्धन लक्ष्यप्रणाशतन्त्र के सन्दर्भ में", International Conference on the cross cultural Migration on Panchantantra and its relevance in contemporary world organized by Department of Sanskrit, University of Delhi, South Delhi Campus, 15-16 Dec. 2011.

Attended a National Workshop on the VĒkyapadīya organized by Sanskrit Department, D.U. and supported by ICPR, New Delhi, 12-18 January, 2012.

Prof. Sharda Sharma: Presented a paper entitled “Prof. Satyavrat Shastri Ke KĒvya mein Varnita Vaidesika Paridrishya” in the National Seminar on contribution of Satyavrat Shastri to Sanskrit literature held at Jammu University, 25-26 November 2011.

Attended the 15th World Sanskrit Conference held in New Delhi as an observer on the invitation of the organizing committee of W.S.C, 5-10 January, 2012.

Present a paper ‘Sanskrit Vanmaya Mem Nari Ke Arthika Adhipatya’ in the National Seminar held at Hindu College, Delhi University, 22-23 February 2012.

Dr. Bhartendu Pandey: Presented Papers - : “आत्मस्थितिर्यथा दृष्टा पुराणे कूर्मसंज्ञके” 11 व्यासमारोह चौ. चरणसिंहविश्वविद्यालय, मेरठ 28 October-3 November 2011.

“परम्पराभिज्ञ आचार्यो भिनवगुप्तः” हरियाणा संस्कृत परिषद् द्वारा डी.ए.वी. कॉलेज, पेहोवा में आयोजित राष्ट्रीय संगोष्ठी 9 December 2011.

‘जानकीजीवनं महाकाव्य की साम्प्रतिक मूल्य दृष्टि’ यू.जी.सी. की CTE योजना को अन्तर्गत आयोजित राष्ट्रीय इस्माईल नेशनल स्नातकोत्तर महाविद्यालय, मेरठ, 2-3 February 2012

‘आधुनिक संस्कृत रूपकों में संस्कृत-प्रयोग की स्थिति’ श्री लाल बहादुर शास्त्री राष्ट्रिय संस्कृत विद्यापीठ, नई दिल्ली के प्राकृत भाषा विभाग के तत्त्वाधन में आयोजित राष्ट्रिय प्राकृत गोष्ठी, दिनांक 23-24 February 2012.

National Workshop on The Vakyapadiya organized by Sanskrit Department, Delhi University, Delhi (supported by Indian Council of Philosophical Research, New Delhi), 12-18 January 2012.

‘आधुनिक सन्दर्भ में संस्कृत की प्रासगिकता’ विषय पर आयोजित कार्यशाला एवं विचारगोष्ठी की अध्यक्षता, आयोजन स्थल-सेन्ट जोसेफ महिला महाविद्यालय, सरघना, मेरठ, दिनांक 19 November 2011

Dr. Purnima Kaul: World Sanskrit Conference held in New Delhi in January 2012.

International Seminar, South Delhi Campus, Delhi University, December 2011.

National Workshop, Department of Sanskrit, Delhi University, January 2012.

National Conference, Department of Persian, Delhi University, January 2012.

Dr. Satyamurti: Paper presented ‘Navya Nyaya Ki Bhasa Mem Pratikatmaka Tarkasastra Ke Anuprayoga’, International Sanskrit Research Conference, Uttarakhand Sanskrit University, Haridwar, 9-11 September 2011.

Symbolization of Navya Nyaya Language, 86th Indian Philosophical Congress, Annamalai University, Chidambaram, 16-19 December 2011.

Attended a National Workshop on the Vakyapadiya organized by Sanskrit Department D.U. and supported by ICPR, New Delhi, 12-18 January 2012.

Publications

Chatruvedi, M. 2011. (Ed.) *LaghusiddhĒntakamudĒ of Varadraja*, Vol. II, Tr. & eluc. by Kanshi Ram edited by Mithilesh Chaturvedi, Delhi : Motilal Banarsi Dass.

Papers

2011. स्फोट का स्वरूप: मध्यमा अथवा पश्यन्ती? Vacaspati-Vaibhaum, a volume in felicitation of Prof. VĒcaspati Upadhyaya, pp. 736-740, Delhi: D.K. Printworld.

Dwivedi, M. : चिन्तनालोकः, (दिल्ली संस्कृत अकादमी के आर्थिक सहयोग से प्रकाशित् 2011-12, परिमल पब्लिकेशन्स, दिल्ली ।

Research articles

Punjani, S. Peace : A Spiritual Value.

वेदों में आरोग्यवर्धक मन्त्र.

Ethics in Hinduism and Islam.

Buddhism in a Global Perspective.

Spiritualizm and Mysticism.

Dwivedi, M. "शुकनीतिसारे वर्णिताः कलाः" – संगमनी 2011 1-4 (1), संस्कृत साहित्य परिषत्, दारागंज प्रयाग, पृ. 60-71 ।

URDU

The Department of Urdu was established in the year 1959. Right from its inception the Department assumed a character, a personality of its own which still remains. Within **52** years of its existence it has become not only a major Department of the University itself but commands respect, as a pioneer Department of Urdu in the country. As for the research programmes, a considerable number of thesis have been published and acclaimed by critics and scholars. Teachers working in the Department are also known Nationally and Internationally for their scholarships and learning who have won laurels for their work in various domains of literature.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	11
M.Phil.	-	14

Seminars/Conferences held

'Nizam Annual Lectures' is a distinguished lecture held in the Department of University of Delhi. Expenditure of this lecture is done with the Fixed Deposit Fund of H.E. Hon'ble Nizam of Hyderabad. The first lecture was started and delivered by K.G. Syedain in 1966. Apart from this the most eminent scholars of that time have delivered this lecture. Tarachand, Ananad Narayan Mulla, Rasheed Ahmad Siddiqui, Prof. Mohd. Habib, Khaliq Ahmad Nizami, Zafar Ahmad Siddiqui, Aal Ahmad Suroor, S. Zahoor Qasim, A.M. Khusro, Irfan Habib, Mushirul Hasan, Justice A.M. Ahmadi and Wajahat Habibullah are the prominent scholars who have delivered this prestigious lectures. This year this lecture was delivered by His Excellency Mohammad Hamid Ansari, Hon'ble Vice President of India and Chancellor University of Delhi, on 6 January 2012 at Vice regal Lodge, University of Delhi. The topic was '*Challenges for a Homeless Language: Urdu in Modern India*'. This was the first event in the History of University of Delhi that a Chancellor has delivered a lecture in the Department of Urdu. This is a great occasion and honour for the Department of Urdu.

Department of Urdu, organizes Ghalib Memorial Lecture every year. This lecture is sponsored by National Council for Promotion of Urdu Language, Ministry of HRD, Govt. of India. In this running year 2011-12 this lecture was delivered by Mr. M.A. Qadeer a senior advocate of Allahabad High Court on 12 March 2012. The topic of this lecture was '*Urdu Zabaan Aur Dastoor-E-Hind*'. The lecture was very successful to raise the legal rights of this language. These two events are the memorable events of Urdu Department.

Seminars/Conferences attended

Dr. Mohammad Kazim: Participated and presented a paper in an International Seminar organized by JNU, New Delhi.

Participated and presented a paper in National Seminar on Tagore organized by Jamia Millia Islamia, New Delhi.

Participated and presented a paper in a National Seminar organized by Calcutta Girls College in collaboration with University of Calcutta.

FACULTY OF SCIENCE

ANTHROPOLOGY

Major Activities

The Department also received DST-FIST grant to strengthen its Molecular Anthropology Laboratory which resulted in publication of a large number of state of the Arts papers in very prestigious National and International journals. The Department received International prominence by hosting the World Council of Anthropological Associations Biennial Meet in Delhi. Such an activity has been organized for the first time by any department of India.

The faculty members of the department has received recognition from various agencies. The Sarat Chander Roy Memorial Gold Medal, Kolkata; Panchanand Mitra Memorial Lecture award, Kolkata, S.L. Doshi memorial lecture award, Udaipur and Fulbright-Nehru Visiting Lecturer Fellowship are some of the highlights of our faculties' achievements. Besides, the faculty was also part of the 12th plan Sub-group of the Planning Commission, Government of India as well as the Research Advisory Committee of the Ministry of Tribal Affairs, Government of India. During the season 2011-2012 an excavation was conducted at Lower Palaeolithic Site in Prakasam district of Andhra Pradesh under the aegis of the Archaeological Survey of India.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	16
M.Phil.	-	4

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Molecular Genetics of Hypertrophic Cardiomyopathy - A Delhi Family Study.	Prof. V.R. Rao	UGC
Prevalence of obesity and selected risk factors among the tribes of India.	Dr. Gautam K. Kshatriya	ICMR
Genomic heterogeneity among the tribes of southern Gujarat.	Dr. Gautam K. Kshatriya	DBT
A case-control study of global and MTHFR gene specific methylation vis-à-vis pregnancy complications in north Indian population.	Dr. K.N. Saraswathy	DBT
Genetic Epidemiological Study among Meiteis of Manipur with special reference to Cardiovascular Disease.	Dr. K.N. Saraswathy	UGC

Molecular Basis of High Altitude Adaptation – Maladaptation.	Dr. K.N. Saraswathy	DST-Purse Programme
Evaluation of Conservation- cum- Development of PTG Community.	Dr. R.P. Mitra	M.P. Govt.
Molecular Screening of Glucose-6-Phosphate Dehydrogenase Deficiency and Thalassaemia among the Meitei Brahmins and Meitei Muslims of Manipur.	Dr. Benrithung Murry	UGC
Bio-Social Determinants of Demographic Dynamics and Maternal and Child Health among the Nagas of Dimapur, Nagaland.	Dr. Benrithung Murry	ICSSR

Appointments of faculty members to higher Posts/Assignments

Prof. Subhadra Channa: Visiting Professor at Centre for Himalayan Studies, North Bengal University, 30-31 May 2011.

Visited Dibrugarh University as Resource Person to deliver lectures at the 10 Day School for Doctoral Students organized by ICSSR, 27-28 January 2012.

Dr. S.M. Patnaik: Granted Fulbright-Nehru Visiting Lecturer Fellowship and was affiliated to the Virginia Polytechnic Institute and State University, Virginia Tech, Blacksberg, USA, August-December 2011.

Seminars/Conferences attended

Prof. A.K. Kapoor: Participated in an International Conference on *Chemical Environmental & Biological Sciences* at Pattaya, Thailand, 7-8 October 2011.

Prof. Subhadra Channa: Participated in an International Conference *Knowledge and Value in a Globalising World*, at the University of Western Australia, Perth, 5-8 July 2011. She also organized two panels under the Commission on the Anthropology of Women as its Chairperson and presented a paper 'Exploring the notions of 'inside' and 'outside', 'home' and 'beyond' in the context of women from working caste groups in India'.

Presented a paper 'Embodied values: How the Indian Mind/Body is informed by the Varnashrama and Concept of Moksha' at the International Seminar on *Cultural Unity of India, Past, Present and Future*, organized by the Ramakrishna Mission, Institute of Culture, Kolkata, 11-13 November 2011.

Presented a paper 'Negotiating Development and Environment: Strategies and Contestations regarding the Himalayan Dams' at the International Seminar of Resources, Tribes and Sate, organized by Arunachal Institute of Tribal Studies, Rajiv Gandhi University, Itanagar, 13-15 February 2012.

Dr. S.M. Patnaik: Floated a panel 'Anthropology in Development Practice: The South Asian Experience' in IUAES/AAS/ASAANZ Conference 2011 on *Knowledge and Value in Globalising World: Disentangling Dichotomies, Querying Unities*, at the University of Western Australia, Perth, in July 2011 and presented a paper titled 'A Prolegomenon to Language, History and Practice of Anthropology in India'.

Participated in the Inter-Congress in Anthropology 2012, organised by Indian National Confederation and Academy of Anthropologist at Lucknow University, 21-23 February 2012.

Dr. K.N. Saraswathy: Presented research paper entitled 'MTHFR gene specific Methylation in Recurrent Pregnancy Loss' at International Conference - *Advances and Controversies in B-Vitamins and Choline Leipzig* organized by Conventus Congress Management & Marketing GmbH at Leipzig University, Germany, 5-8 March 2012.

Presented a poster entitled 'A study on Cardiovascular Variables among Meiteis of Manipur: An Anthropological Perspective' at International Conference on *Cardiovascular Research Convergence* organized by Department of Pharmacology and Cardiology, AIIMS, New Delhi, 17-18 February 2012.

Prof. V.R. Rao: Delivered an invited lecture on 'Genetic basis of Unity: Early Palaeolithic continuity in the contemporary Indian populations' in the *International Seminar on Cultural Unity of India: Past, Present and Future* held at Ramakrishna Mission Institute of Culture, Kolkata, 11-13 November 2011.

Prof. P.C. Joshi: Participated in National Seminar on Future of Anthropology, Department of Anthropology, Lucknow University, Lucknow, 17-18 September 2011.

Participated in National Seminar and Workshop on 'Health and Educational Development of Tribal Children', Tribal Research and Training Institute, Government of Chhattisgarh, Raipur, 15-17 March 2012.

Participated in National Seminar on 'Tribal People of Central India: Problems and Prospects', Mahatma Gandhi International Hindi University, Wardha, 19-20 March 2012.

Prof. Subhadra Channa: Presented a paper 'Gendering Science' in a National Seminar on the *Feminization of Culture*, at ICSSR-NERC, NEHU Campus, Shillong Women's Studies Research Centre, 26-27 April 2011.

Prof. V.R. Rao: Delivered an invited lecture on 'DNA Profiling of the People of India: Some Anthropological Inferences into Holocene' in the *National Seminar on Scientific Dating of Ancient Events before 2000 BC*, organized by Institute of Scientific Research on Vedas, I-Serve Delhi Chapter, 30-31 July 2011.

Delivered invited lecture on 'Some Personal Reflections on the Future of Anthropology' in the National Seminar on *The Future of Anthropology* at Department of Anthropology, University of Lucknow, 17-18 September 2011.

Prof. V.K. Srivastava: Delivered Keynote address. National Seminar on 'Development and Discontent in Tribal India'. Madhya Pradesh Centre for the ICSSR, Ujjain, 28 Feb. 2012.

Delivered Keynote Address. National Seminar on 'Empowering Tribals: Education, Health, and Livelihood'. Department of Anthropology, Utkal University, Bhubaneswar, 27 March 2012.

Delivered Keynote Address. National Seminar on 'Issues and Challenges in Tribal Areas', Department of Anthropology, Central University of Hyderabad, Hyderabad, 29 March 2012.

Publications

Books

Ganguly, N.K., Arora, N.K., Chandy, S.J., Fairoze, M.N., Gill, J.P.S., Gupta, U., Hossain, S., Joglekar, S., Joshi, P.C., Kakkar, M., Kotwani, A., Thomas, K., Wattal, C., Easton, A. and Laxminarayan, R. 2011. *Situational Analysis: Antibiotic Use and Resistance in India. Global Antibiotic Resistance Partnership.* The Centre for Disease Dynamics, Economics and Policy, Washington DC, New Delhi. (http://www.cddep.org/sites/cddep.org/files/publication_files/India-report-web.pdf?issuusl=ignore).

Research Articles

Kotwani, A., Wattal, C., Joshi, P.C. and Holloway, K. 2011. Irrational use of antibiotics and role of the pharmacist: an insight from a qualitative study in New Delhi, India. *Journal of Clinical Pharmacy and Therapeutics*. doi:10.1111/j.1365-2710.2011.01293.x

Aradhna, Kandpal, V., Saraswathy, K.N. and Ghosh, P.K. 2011. Genetic Homogeneity among Rajputs of Kangra District, Himachal Pradesh: A study based on surname analysis, *South Asian Anthropologists*, 11(1): 33-35.

Channa, S. 2011. 'Getting the Writer's Cramps! Making the transition from Modernism to Post-Modernism in Writing Anthropology' in *The Eastern Anthropologist*, Vol. 64 (1), pp. 75-87.

2011. 'Ancient Texts and Representations of Indian Society: A critical Gendered appraisal of the works of K.P. Chattopadhyaya and Irawati Karve' In *Journal of the Asiatic Society*, Vol. LIII, No. 3 pp. 66-77.

2011. 'Global Economy and Constructed Social Imagination: Intersection of Aesthetics, Race, Gender and Caste in India' In Peter Nas and Zhang Xiaomin (ed.), *Key Notes in Anthropology*. Beijing: Intellectual Publishing House.

Ganguly, N.K., Arora, N.K., Chandy, S.J., Fairoze, M.N., Gill, J.P.S., Gupta, U., Hossain, S., Joglekar, S., Joshi, P.C., Kakkar, M., Kotwani, A., Thomas, K., Wattal, C., Easton, A. and Laxminarayan, R. 2011. Rationalizing antibiotic use to limit antibiotic resistance in India. *Indian Journal of Medical Research*, 134: 281-294.

- Gauniyal, M., Aggarwal, A. and Kshatriya, G.K. 2011.** Genomic Structure of the Immigrant Siddis of East Africa to Southern India: A study of 20 autosomal DNA markers. *Biochemical Genetics* 49:427-442.
- Gopichand, M., Sreenath, J., Rao, R.S., Bhaskar, V.K., Lakkakula, S., Kumar, S. and Rao, V.R. 2011.** Association Between the M268T Polymorphism in the Angiotensinogen Gene and Essential Hypertension in a South Indian Population. *Biochem. Genet.* D0110.1007/s 10528-011-9423-y.
- Singh, H.S., Saksena, D., Meitei, S.Y., Murry, B., Mondal, P.R., Sachdeva, M.P., Ghosh, P.K. and Saraswathy, K.N. 2011.** Haptoglobin Polymorphism among fourteen populations of India. *Anthrop Anz.*, 69/1, 97-106.
- Shrivastava, J.K., Sinha, N., Behera, S.K., Panja, S., Sarkar, B.N. and Rao, V.R. 2011.** Knowledge, Attitude and Practice Study of Beta-Thalassemia in Rural Bengal. *Genetic Clinics.* 4,4: 13-15.
- Joshi, P.C. 2012.** Ethics, Health Care and Disasters. In *Ethics, Health and Medicine: Anthropological Perspectives* (ed.) U. Kalpagam, 395-405. New Delhi: Manak Publications Pvt. Ltd.
- Kapoor, A.K., Singh, M.K., Kaur, J. and Sinha, R. 2011.** Selection Intensity Among Middle altitude Caste Population of Western Himalayas. *Ind. J. Phys. Anthropol. & Hum. Genet.* 30 (1&2): 133-146.
- Khatti, P. and Joshi, P.C. 2011.** Anthropological Methodology and Disaster Research. *The Eastern Anthropologist*, 64, 2&3:145-152.
- Khurana, P., Singh, H.S. and Kshatriya, G.K. 2011.** Haptoglobin polymorphism among the tribal groups of southern Gujarat paper communicated to *Ind. J. Human Genetics* 17: 169-174.
- Kshatriya, G.K., Aggarwal, A., Khurana, P., Italia, Y. 2011.** Genomic congruence of Indo-European speaking tribes of western India with the Dravidian-speaking populations of southern India: A study of 20 autosomal DNA markers. *Annals of Human Biology* 38 (5): 583-591.
- Kshatriya, G.K. and Subramanian, P. 2011.** Gandhism revisited. *World Focus*, XXXII: 495-499.
- Bhaskar, L.V.K.S., Thangaraj, K., Patel, M., Shah, A.M., Gopal, K., Saikrishna, L., Tamang, R., Singh, L. and Rao, V.R. 2012.** EPHX1 Gene Polymorphism in Alcohol dependence and their distribution among the Indian Populations. *The Am. Jn. of Drug and Alcohol Abuse*, early online: 1-7, 2012.
- Singh, M.R., Choudhury, B., Singh, T.S. and Rao, V.R. 2011.** Beta-Globin Gene haplotypes in Manipur, North-east India. *Int J Hum Genet.* 11 (1): 45-49.

- Minakshi, Joshi, P.C. and Guha, S.D. 2011.** Health and Violence Against Women in Disaster: Preliminary Findings. *International Journal of Management and Social Sciences (IJMSS)*. Vol. 1, 1:95-101.
- Mir, U.A. and Joshi, P.C. 2012.** Dealing with Dilemma: Role of ethics and subjectivity in doing field work on violence in one's own culture. In *Ethics, Health and Medicine: Anthropological Perspectives* (ed. U. Kalpagam) 152-172, New Delhi: Manak Publications Pvt. Ltd.
- Mishra, A. and Kapoor, A.K. 2011.** Urbanisation, Ageing and Health Pattern in North Indian Population. In *Globalisation, Urbanisation and Migration*. K. D. Sharma et al (Eds).
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- Naorem, K., Mohd. Asghar and Saraswathy, K.N. 2011.** A Study of isonomy and some socio-demographic variables among Koms and Meiteis of Manipur. *International Journal of Human Sciences*. 8(2): 333-342.
- Raha, O., Sarkar, B.N., Veerraju, P., Pramanik, L. and Rao, V.R. 2011.** Identification of novel single nucleotide polymorphism in DPB1 gene in ethnic populations from West Bengal. *Genetika*. 43,1: 205-208.
- Deb, R., Arora, J., Meitei, S.Y., Gupta, S., Verma, V., Saraswathy, K.N., Saran, S. and Kalla, A.K. 2011.** Folate Supplementation, MTHFR gene polymorphism and neural tube defects: a community based case control study in North India. *Metab Brain Dis*, (DOI 10.1007/s11011-011-9256-8).
- Saraswathy, K.N., Asghar, M., Samtani, R., Murry, B., Mondal, P.R., Ghosh, P.K., Sachdeva, M.P. 2012.** Spectrum of MTHFR gene SNPs C677T and A1298C: a study among 23 population groups of India. *Mol. Biol. Rep.*, 39(4):5025-31.
- Saraswathy, K.N., Mohd A., Samtani, R., Murry, B., Mondal, P.R., Ghosh, P.K. and Sachdeva, M.P. 2011.** Spectrum of MTHFR gene SNPs C677T and A1298C: a study among 23 population groups of India. *Mol Biol Rep*. Published online.
- Sachdeva, S., Singh, R.K., Saraswathy, K.N., Sachdeva, M.P. and Malik, S.L. 2011.** Serological polymorphisms of ABO and Rh (D) blood groups among Rajput and Brahmin populations of Mandi District, Himachal Pradesh. *Voice of Intellectual Man*. 2: 109-112.
- Singh, H.S., Saksena, D, Meitei, S.Y., Murry, B., Mondal, P.R., Sachdeva, M.P., Ghosh, P.K., Saraswathy, K.N. 2012.** Haptoglobin polymorphism among fourteen populations of India. *Anthropol Anz.*, 69 (1): 97-106.

Srivastava, V.K. Review of Meenakshi Thapan (ed.), *Contested Spaces, Citizenship and Belonging in Contemporary Times*. *The Hindu*, 26 April 2011.

Review of Gerard Guthrie, *Basic Research Methods: An Entry to Social Science Research. Resources, Energy and Development*, 8(1):61-63.

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Review of T.N. Madan, *Sociological Traditions, Methods and Perspectives in the Sociology of India*. *The Hindu*, 9 August 2011.

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Review of Sabyasachi Bhattacharya, *Talking Back – The Idea of Civilization in the India National Discourse*. *The Hindu*, 6 December 2011.

2011. On the Situation of tribes in India : Some reflections. *Journal of the Anthropological Survey of India*, 60(2), pp. 250-269).

2011. Lifestyle and wellness. *Everyman's Science*. XLVI: 2 (98-104).

Tandon, K., Kapoor, S. and Kapoor, A.K. 2011. Covariates and Prevalence of obesity Among Adult North Indian Population. *Coll. Antropol*, 35 (2): 152- 161.

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Vats, Y., Dhall, J.K. and Kapoor, A.K. 2011. Gender Variation in Morphological Patterns of Lip Prints Among Some North Indian Populations. *J. Forensic odontology*, 4:11-15.

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Vijeta, Bhasin, P. and Kapoor, A.K. 2012. Forensic Anthropology and Genetics : Futuristic Dynamics.

Vijeta and Kapoor, A.K. 2012. Estimation of Stature from Hand Length and Hand Breadth among Population Groups of Himachal Pradesh, *Asian J. Science & Applied Tech*.

Pramanik, V., Sarkar, B.N., Kar, M., Das, G., Malay, B.K., Sufia, K.N., Lakkakula, B.V.K.S. and Vadalmudi, R.R. 2011. A Novel Polymorphism in Codon 25 of the KRAS Gene Associated with Gallbladder carcinoma Patients of the eastern part of India. *Genetic testing and Molecular Biomarkers*. XX (XX): 1-4.

Zhimo, A.G. 2011. Culture, Identity and Change: The case of the Sumi of Nagaland, *Indian Anthropologist*, Vol. 41(2): 33-48.

BOTANY

Major Activities

Protocols were optimised for micropropagation of two antimalarial plants *Spilanthes calva* and *Artemisia annua* (elite clone) and one biofuel plant *Jatropha curcas* employing field grown materials.

Addition of polyamines putrescine to shoot induction medium in *Jatropha* significantly enhanced shoots and shoot buds. Glutamine supplemented to the medium proved beneficial for elongation of shoot buds.

Protein profiling of the aforesaid explants revealed three bands of 22.83, 28.28 and 31.71 kDa which were poorly expressed in control and putrescine lacking cultures and got over expressed in the putrescine treated explants proving their relationship with multiple shoot induction.

RAPD, ISSR and SRAP markers were successfully used to evaluate the genetic fidelity amongst the regenerants of *Spilanthes calva* and *Jatropha curcas* L. 97% similarity amongst the regenerants along with the elite mother plant was detected.

Evaluation of biolarvicidal activities of *Spilanthes* spp., and *Artemisia annua*. Bioassays conducted through crude extracts of *Artemisia annua* L. in various solvents revealed significant mortality against vectors of malaria (*Anopheles stephensi*), filarial (*Culex quinquefasciatus*), dengue (*Aedes aegypti*) and Japanese encephalitis (*Culex tritaeniorhynchus*).

Impact of heavy metal (Cu, Zn, Pb, and Cd.) stress was evaluated on growth, productivity, and metabolic changes in chick pea. A drastic decrease occurred in respect of shoot number, growth and various metabolic activities. Amelioration in phytotoxic effect was achieved to a greater extent incorporating 10 mg/l glutathione in the medium.

The developmental biology of *Aponogeton* species were studied using Confocal microscopy. Various events leading to sexual and apomictic reproduction were elucidated in *Aponogeton strictus* and *A. decaryi*, respectively. Expression analysis of a meiotic gene DYAD revealed that there have been differential expression patterns across different stages of embryo sac development in above two species. Similar pattern was also observed across key developmental stages of *Cenchrus ciliaris*.

Agrobacterium mediated genetic transformation protocol for *Pennisetum glaucum* was optimized using marker genes and this protocol was further used to deliver a Pathogenesis related protein gene PR10 into *P. glaucum* towards increasing biotic and abiotic stress tolerance.

Several molecular markers associated with apomixis were identified in an F2 mapping population and were mapped onto Apo locus. Closely linked markers were further converted into SCAR markers for their use in map based cloning.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	8
M.Phil.	-	7

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Reproductive Biology of Four RET Tree Species of Central and Western Himalaya.	Prof. A.K. Bhatnagar	MoEF
Genetics and Genomic approaches for improvements of the oil seed crop <i>Carthamus tinctorius</i> Safflower.	Prof. I.U. Rao	DU/DST PURSE
DNA Barcoding of Endangered Indian Medicinal Plants.	Prof. S.B. Babbar	ICMR
Development of High-output Suspension Cultures of Selected Medicinal Plants as Perennial Sources of Herbals and Biomolecules.	Prof. S.B. Babbar	ICMR
Molecular systematics in <i>Inula</i> complex in India.	Prof. A.K. Pandey	UGC
Molecular systematic study of some economically important genera of Indian Cucurbitaceae.	Prof. A.K. Pandey	DST
Taxonomic studies on the genus <i>Indigofera</i> in India.	Prof. A.K. Pandey	R&D
Induction of apomixis in sorghum by down regulation of somatic embryogenesis receptor kinase (SERK) gene in the ovules.	Dr. Vishnu Bhatt	ICAR
Preventing Extinction and Improving Conservation Status of Threatened Plants through Application of Biotechnological Tools.	Dr. Rajesh Tandon	DBT
Cost effective <i>Glomus fasciculatum</i> formulation to Improve the Yield of Three Commercially Important	Dr. Rupam Kapoor	DBT

Medicinal Plants- *Artemisia annua*,
Stevia rebaudiana and *Andrographis
paniculata*.

Characterization of developmentally regulated promoters from *Brassica* species. Dr. Sandip Das UGC

Programmes taken up involving inter-institutional collaboration

Survey of North Indian Medicinal Plants for their larvicidal activity against malaria and filarial vectors. Prof. Veena Agrawal National Institute of Communicable Diseases

Proteomics analysis of pre-harvest sprouting markers in wheat. Dr. Renu Deswal IIT Roorkee

RNAi mediated modification of oil quality and reproductive traits in *Brassica*. Dr. Sandip Das ICGEB and TERI-University

Appointments of faculty members to higher Posts/Assignments

Prof. Veena Agrawal: Member Committee of Courses in Botany by JNVU, Jodhpur; UGC nominated Member in the Governing body of SSC, Kuvempu University (Karnataka); UGC nominated Member in the Governing Body of Govt. D.B. Girl's College, Raipur, under Pt. Ravi Shankar Shukla University, Raipur (Chhattisgarh); UGC nominee on DEC Joint Inspection Committee for Periyar Maniammai University, Thanjavur.

Prof. R. Geeta: Member, Science Committee, bioGENESIS a core project of DIVERSITAS (<http://www.biogenesis-diversitas.org>).

Honours/Distinctions

Prof. A.K. Bhatnagar: Life Time Achievement Award (2011). The Society of Plant Reproductive Biologists, Agra.

Prof. S.B. Babbar: Co-chaired the technical session on Environment Science & Forestry in the Sixth Uttarakhand Science & Technology Congress organized by the Uttarakhand Council of Science and Technology at Kumaun University, S.S.J. Campus, Almora, 14-16 November 2011.

Chaired the Fourth technical session of the National Conference on 'Orchid Diversity on India: Science & Commerce' organized by the Orchid Society of India at NASI, Allahabad, 21-23 December 2011.

Prof. Veena Agrawal: Member, Advisory Board of National Conference on 'Genomics and Genetic Engineering Strategies for Crop Improvement', Tamil Nadu, 27-28 February 2012.

Chaired the technical session on Pl. Tiss. Cult. in the National Seminar on Medicinal Plants Research in India organized by Department of Botany, Jamia Hamdard, New Delhi.

Prof. A.K. Pandey: Elected Councillor, Indian Association of Angiosperm Taxonomy; Member Board of Studies- School of studies in Botany, Jiwaji University, Gwalior; Member, Editorial Board, *Indian Journal of Natural Products and Resources*; Member, Advisory Board, *Indian Journal of Fundamental and Applied Life Sciences*.

Dr. Suman Lakhanpaul: Judged as the Best Poster at the International Conference on Plant Biotechnology for Food Security: New Frontiers at New Delhi, 21-24 February 2012.

Dr. Rupam Kapoor: Awarded Y.S. Murthy Award for 2010 for Young Scientist by Indian Botanical Society, India.

Dr. D. Bhardwaj, Dr. S. Lakhanpaul. and Dr. N. Tuteja: Wide range of interacting partners of *Pisum sativum* G-beta subunit suggests its significant multiple role in signal transduction pathway.

Seminars/Conferences held

Prof. R. Geeta: Geometric Morphometrics. International Workshop organized with CEMDE, University of Delhi, March 19-30, 2012. Resource Person: Prof. F. J. Rohlf, Stony Brook University, Stony Brook, NY, USA. Visiting Senior Specialist at the Department of Botany, University of Delhi.

Seminars/Conferences attended

Prof. A.K. Bhatnagar: Keynote Speaker Third International Conference on Climate Change and Sustainable Management of Natural Resources organized by ITM University, Gwalior, 5-7 February 2012.

Chairperson National Workshop on Medicinal Plants-Scientist, Grower and Industry Interaction. The Society for Conservation and Resource Development of Medicinal Plants, Indian National Science Academy, New Delhi, 23 March 2012.

Prof. Veena Agrawal: National Seminar on Medicinal Plants Research in India, Department of Botany, Faculty of Science, Jamia Hamdard, New Delhi, 16-17 March 2012.

National Seminar on 'Current Trends in Secondary Plant Metabolite Research' organized by Department of Biotechnology, Faculty of Science, Jamia Hamdard, New Delhi, 19-20 March 2012.

National Symposium 'Impact of Plant Tissue Culture on Advances in Plant Biology' and XXXIII Annual Meet Pl. Tissue Culture Association India at Loyola Centre for Research and Development, Ahmedabad, 19-21 January 2012.

Participated '3rd International Conference on Current Developments in Atomic, Molecular, Optical & Nano Physics with Applications', organized by Department of Physics & Astrophysics, University of Delhi, Co-Sponsored by Laser Science and Technology Centre (LAXTEC), DRDO, Delhi.

Prof. A.K. Pandey: 34th All india Botanical Congress, Lucknow University, October 2011.

Prof. R. Geeta: International Conference on Plant Biotechnology for Food Security: New Frontiers, IARI, New Delhi, February 2012.

Dr. D. Bhardwaj, Dr. S. Lakhanpaul and Dr. N. Tuteja: Poster presented at International Conference on Plant Biotechnology for Food Security: New Frontiers at New Delhi, 21-24 February 2012.

Dr. V. Singh, Dr. S. Kumar and Dr. S. Lakhanpaul: Poster presented at International Conference on Plant Biotechnology for Food Security: New Frontiers 2012 at New Delhi, 21-24 February 2012.

Dr. A. Sehrawat, Dr. J.K. Abat and Dr. R. Deswal: Cold stress Modulates *Brassica juncea* Nitrosoproteome, Inhibits Rubisco Explaining Photosynthetic Down Regulation Observed in Cold stress. In 3rd International Symposium on 'Frontiers in Agriculture Proteome Research: Contributions in Proteomics Technology in Agricultural Sciences, Tsukuba Science City, Japan.

Dr. Rajesh Tandon: National Conference on Orchids in India: Diversity, Characterization and Resource Development for Community Livelihood, 21-23 December 2011.

National Seminar on Biodiversity- Crisis, Management and Conservation, East Calcutta Girls' College, Kolkata, 8-9 December 2011.

Dr. Rupam Kapoor: National Symposium on Microbes in Health and Agriculture by School of Life Sciences, Jawaharlal Nehru University, New Delhi, 12-13 March 2012.

Dr. Girish Mishra: International algal summit 'algae for sustainable development', 21-22 February 2012.

Prof. Veena Agrawal: Invited Lecture 'Biodiversity, *in vitro* conservation and larvicidal activity of some medicinal herbs against mosquito vectors of serious human diseases' in the National Seminar on Medicinal Plants Research in India, Department of Botany, Jamia Hamdard, New Delhi, 16-17 March 2012.

'*In vitro* evaluation and upregulation of antitumorous compounds from *Psoralea corylifolia* and cloning of psoralen biosynthetic pathway gene'. In the National Seminar on 'Current Trends in Secondary Plant Metabolite Research' organized by Department of Biotechnology, Faculty of Science, Jamia Hamdard, New Delhi, 19-20 March 2012.

Prof. A.K. Pandey: Ginseng : Traditional use and potential for grower and industry, National Workshop on medicinal plants-Scientists, Grower and Industry interactions, INSA, New Delhi, March 2012.

Prof. R. Geeta: Invited Lecture Species Complexes and Phylogenetic Trees, National Workshop on Systematics and Species Complexes, CEMDE, University of Delhi, 6 Feb. 2012.

Dr. Rajesh Tandon: Invited Lecture Plant-Pollinator Network-Unity in Biodiversity, UGC sponsored National Seminar on 'Biodiversity-Crisis, Management and Conservation, East Calcutta Girls' College, Lake Town, Kolkata, 8-9 December 2011.

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Yadav, C.B., Kumar, A., Gupta, M.G. and Bhat, V. 2011. Genetic linkage maps of the chromosomal regions associated with apomictic and sexual modes of reproduction in *Cenchrus ciliaris*, *Mol. Breed* (DOI 10.1007/s11032-011-9614-6).

Patent Filed: Filed three Indian Patents vide:

Prof. Veena Agrawal: Application No. 1787/DEL/2010 dated July 29, 2011 entitled 'Novel herbal extract of *Psoralea corylifolia* possessing strong anticancerous activity against various human cancer cell lines and method thereof'.

Application No. 2122/DEL/2011 dated July 26, 2011 entitled 'Novel herbal extract of *Artemisia annua* possessing strong anticancerous activity against oral human cancer cell line'.

Application No.566/DEL/2012 dated February, 2012 entitled 'A novel herbal formulation for the prevention of filarial and Japanese encephalitis vectors using leaf extract of *Artemisia annua* L. and methods thereof'.

CHEMISTRY

Major Activities

Prof. Monika Datta: Polymer - Organo Silicate Nano Composites for Oral Drug Delivery system: Supported by UGC (fellowships and contingencies) and research grant from University of Delhi.

Detection, removal and recovery of certain toxic metals from aqueous solution, Supported by research grant from University of Delhi.

Transformation of solid waste, fly ash, into value added product/s. : Supported by CSIR fellowship and contingencies and research grant from University of Delhi.

Removal and recovery of textile dyes from aqueous solution for valuable use.: Supported by research grant from University of Delhi.

A green approach for electrochemical micro titration: Supported by CSIR (fellowships and contingencies), a research grant from the University of Delhi.

Synthesis, characterization & application of nano inorganic oxides & nanocomposites: Supported by DRDO, (fellowship & contingencies).

Prof. M. Kidwai: Research work is on synthetic organic chemistry with focus interest in Green Chemistry.

Prof. D.S. Rawat: Synthesis and biological evaluation of enediynes, tetraoxanes, and nitrogen heterocycles of therapeutic importance.

Dr. Rajeev Gupta: Research in the area of bio-inorganic, supra-molecular, coordination chemistry, and catalysis.

Dr. Basudeb Saha: Received a Petrotech Research Fellowship award for encouraging industrial-academic collaborative research with Bharat Petroleum Corporation Ltd. In summer 2011.

Received Visiting Scientist award for performing summer research at Purdue University, USA.

Dr. Indrajit Roy: Successfully synthesized drug doped nanoparticles of organically modified silica (ORMOSIL) with average diameter around 80 nm, and measured their porosity (around 8 nm).

Dr. M. Sathiyendiran: Research directed towards the design, synthesis and characterization of molecules possessing a rotating unit has attracted considerable attention, particularly with respect to the development of artificial molecular rotors and motors, in an attempt to mimic the intelligent and useful functions of biological molecular rotors and motors.

Dr. Sasanka Deka: Awarded the prestigious BRNS-DAE-BARC Young scientist Award by the Department of Atomic Energy.

Dr. A. Sakthivel: The heterogeneous catalysis developed in our lab will be planning to apply for bio-fuel synthesis. We also involve on synthesis of organometallic complexes of $M(CO)_xL$ type and heterogenise those complex and studied for various organic transformations.

Ph.D. Degrees awarded

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Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Destructive Decomposition of Chemical Warfare Agents by Nanocrystalline Metal Oxides: Theoretical and Experimental Studies.	Prof. Rita Kakkar	CSIR
Synthesis and characterization of some natural materials coated on naturally occurring matrix and their application in environmental pollution control.	Prof. Monika Datta	UGC
Electronic control of thermal Bergman cyclization reactions: A new approach towards the development of novel enediyne anticancer molecules.	Prof. D.S. Rawat	DST
Design and synthesis of Tetraoxanes and Tetraoxane based modular molecules as potential antimalarial agents.	Prof. D.S. Rawat	CSIR
Syntheses and Biological Evaluation of Phidolopin Analogues.	Prof. D.S. Rawat	UGC
Synthesis of substituted tetraoxanes and tetraoxane-aminoquinoline/amine conjugates as potential antimalarial agents.	Prof. D.S. Rawat	DST
Synthesis, anticancer activity, QSAR, and mechanistic studies of curcumin derivatives.	Prof. D.S. Rawat	DU-Purse Grant

Design and Syntheses of Novel 4-Aminoquinoline-triazine/triazole and 4-Aminoquinoline-Curcumin Conjugates as Potential Antimalarial Agents.	Prof. D.S. Rawat	UGC
Synthesis and anti-cancer activity C5-evaluation of C5-curcuminoids and curcuminoid-hybrids.	Prof. D.S. Rawat	CSIR
Design and Synthesis of Lead Antimicrobial Compounds for Defense Applications.	Prof. S.K. Sharma	DRDO
Studies on the synthesis of acyloxy polyphenols, the substrates for calreticulin transacylase.	Prof. S.K. Sharma	DU-DST Purse Grant
'Chemoenzymatic synthesis and development of biodegradable, structurally persistent core-shell nano-architectures for drug delivery applications.	Prof. S.K. Sharma	IGSTC supported by DST, India and BMBF, Germany.
Studies on Coordination Complexes of Macrocyclic Ligands and their Open-Chain Analogues: Coordination and Bioinorganic Chemistry Perspectives.	Dr. Rajeev Gupta	CSIR
Coordination Complexes as the Building Blocks: Supramolecular Organization and Catalysis.	Dr. Rajeev Gupta	DST
Development of indicators for anthropogenic, environmental and chemical stress on urban ecosystem: A study of aquatic and terrestrial ecosystems of Yamuna river catchment from National Capital Region, Delhi.	Dr. Rajeev Gupta	DST Purse Grant, DU
'N,N',N'-Triaryl Guanidine Complexes of Platinum Group Metals' SR/S1/IC-04/2010.	Dr. N. Thirupathi	DST
Synthesis of Contrast Agents and Peptides for MRI.	Dr. M.D. Milton	DRDO
Petrotech Research Fellowship Award for Inductrail-academic collaborative Research.	Dr. Basudeb Saha	Petrotech Society
Production of commodity chemicals and biofuels from biorenewable sources.	Dr. Basudeb Saha	R&D Doctoral Research programme

Synthesis, characterization and photophysical properties of metallaladderanes.	Dr. M. Sathiyendiran	DST
Biologically active five-member heterocyclic units decorated Re(I)-based supramolecular metallacycles: Synthesis, structural characterization and photophysical studies.	Dr. M. Sathiyendiran	CSIR
Design, synthesis and characterization of luminescent, soluble nanovessels for optical molecular sensors.	Dr. M. Sathiyendiran	R&D
Synthesis, characterization, porous assembly and application of novel metal-metal oxide hybrid nanocrystals.	Dr. Sasanka Deka	SERG, DST
Studies on the optical and magnetic properties of semiconductor-magnetic oxide hybrid nanocrystals.	Dr. Sasanka Deka	BRNS, DAE
Bioinspired Model Complexes Mimicking The Active Site of the Fe-only Hydrogenase Enzymes.	Dr. Sandeep Kaur	(DST)- SERB
Synthesis of Novel Micro-mesoporous Aluminophosphate Nanostructures and Their Application in Hydrocarbon Transformation.	Dr. A. Sakthivel	DST
Heterogenisation of Homogeneous Complexes as Eco-Friendly Catalysts for Hydroformylation and Oxygenation Reactions.	Dr. A. Sakthivel	CSIR
Silicoaluminophosphate Composite Materials: As Eco-friendly Catalysts for Skeletal Isomerization of Long Chain Hydrocarbon.	Dr. A. Sakthivel	UGC

Programmes taken up involving inter-institutional collaboration:

Prof. D.S. Rawat: A collaborative project deals with the biological evaluation of natural/natural product analogues was started with Prof. Nilanjan Roy, DBT,NIPER, Mohali, Punjab; Dr. Sabana Khan, University of Mississippi, USA; and Prof. Sanjay V. Malhotra, NIH, USA; Prof. Wanghe Wang, Georgia State University, USA; Prof. Sherry F. Queener;

Department of Pharmacology & Toxicology, Indiana University School of Medicine, Indianapolis, IN 46202, USA; Prof. Anil K. Tyagi, Department of Biochemistry, University of Delhi.

Prof. S.K. Sharma: University of Massachusetts Lowell, USA; University of Rhode Island, USA; Free University of Berlin, Germany.

Dr. Basudeb Saha: Synthesis and application of mesoporous nanoparticulate materials for biofuel synthesis. Jointly with my laboratory and Prof. Asim Bhaumik, Indian Association for the Cultivation of Science, Kolkata.

Dr. Indrajit Roy: Collaboration with VP Chest Institute, University of Delhi, DBT.

Honours/Distinctions

Prof. M. Kidwai: Amity Academic Excellence Award on 25th February 2011 by Amity Business School, Noida.

ACS Publications awarded reviewer appreciation in December 2011.

Prof. D.S. Rawat: Member International Editorial Board, Marine Drugs; Member International Editorial Board, Research and Reports in Medicinal Chemistry, Published by Dove Medical Press, <http://www.dovepress.com/honorary-editorial-board-research-and-reports-in-medicinal-chemistry-edboard133>; Member International Editorial Board, Chemistry and Biology Interface, Published by ISCB; ARKIVOC http://www.arkatusa.org/ark/ARKIVOC/arkivoc_referees.aspx; Guest Editor for Special Journal Issues: Anti-Cancer Agents in Medicinal Chemistry (Impact Factor 3.14; 2012); <http://benthamscience.com/cmca/Special-Issues.htm>; Anti-Cancer Agents in Medicinal Chemistry (Impact Factor 3.14); *Indian Journal of Chemistry*.

Prof. S.K. Sharma: Awarded DBT CREST award to obtain advance training in a foreign country.

Dr. Basudeb Saha: Petrotech Research Fellowship Award.

Visiting Scientist award – Summer 2011.

Dr. Sasanka Deka: BRNS-DAE-BARC Young scientist Award from the Board of Research in Nuclear Sciences, Department of Atomic Energy, Govt. of India, 2011.

Dr. Sandeep Kaur: Winner of Max-Planck India Fellowship, from DST & Max Planck Group for Research in Max Planck Institute for Dynamics of Complex Technical Systems, Magdeburg-Germany.

Winner of Indo-US Research Fellowship, from Indo-US Science & Technology Forum (IUSSTF) for Research in Pacific Northwest National Laboratory.

Seminars/Conferences attended

Prof. S.M.S. Chauhan: Invited lecture on 'Organocatalysis with porphyrinoids in ionic liquids' in International Conference on Green Chemistry, Jaipur.

Prof. A. Singhal and Prof. S.M.S. Chauhan: Oral presentation on 'metalloporphyrin catalyzed copolymerization of selected monomers with monooxygen donors in ionic liquids' in International Conference on Green Chemistry, Jaipur.

Prof. A.K. Rawat, Prof. S. Bhattacharya and Prof. S.M.S. Chauhan: 'Interaction of toxic metals with calix[2]thieno[2]pyrroles and related macrocycles' in 3rd International Conference on Heterocyclic Chemistry, Jaipur.

Prof. N. Sinha and Prof. S.M.S. Chauhan: 'Synthesis of calix[4]pyrroles and its higher analogues in task specific ionic liquids' in 3rd International Conference on Heterocyclic Chemistry, Jaipur.

Prof. P. Kumari, Prof. R. Nagpal and Prof. S.M.S. Chauhan: 'Efficient oxidation of polycyclic aromatic hydrocarbons with hydrogen peroxide catalyzed by 5,10,15-triarylcorroloiron(iv) chloride in ionic liquids' in 3rd International Conference on Heterocyclic Chemistry, Jaipur.

Prof. R. Gautam, Prof. A. Singhal and Prof. S.M.S. Chauhan: 'Amberlyst-15 catalyzed synthesis of calix[4]pyrins and related compounds Using dipyrromethanes as precursors and their noncovalent interactions' in 3rd International Conference on Heterocyclic Chemistry, Jaipur.

Prof. S.C. Jain: From studies of natural product to heterocyclic synthesis in search of a drug candidate: An overview, 3rd International Conference on Heterocyclic Chemistry, Jaipur.

Synthesis of novel heterocycles containing bioactive scaffolds using click chemistry; Synthesis and antimicrobial activity of novel triazolylchromen-2-ones; Design and synthesis of spiro(indole-thiazolidine) spiro(indole-pyrans) as antimicrobial agents, 3rd International Conference on Heterocyclic Chemistry, Jaipur.

Natural Product: Essential Resources for Drug Discovery, International Conference on Global Trends in Pure and Applied Chemical Sciences, Udaipur.

Aqua mediated synthesis of pharmacologically active compounds; Synthesis and antimicrobial activity of novel triazolylchromen-2-ones; Design and synthesis of spiro, indole-thiazolidine, spiro, indole-pyrans as antimicrobial agents, APA International Conference on Advances in Healthcare system, New Delhi.

Prof. Monika Data: Attended an International Conference on Nanomaterials and Nanotechnology, University of Delhi.

Attended an International Conference on green technologies for environmental rehabilitation, Haridwar, Faculty of Engineering and Technology, Gurukul Kangri University, Haridwar, Uttarakhand.

National Symposium on Innovations in Polymers towards Sustainability and Growth, Bhaskaracharya College of Applied Sciences, University of Delhi.

Dr. S. Jain and Dr. M. Datta 2012: pH metric titration: A green Approach .Paper presented at International Conference on green technologies for environmental rehabilitation. faculty of engineering and technology, Gurukul Kangri University, Haridwar, Uttarakhand, India.

Electrochemical method for micro titration: A green approach. Paper presented at the International symposium cum Workshop on electrochemistry, Goa.

Dr. Seema and Dr. M. Datta 2011: Clay-Polymer Nanocomposites as a Drug Delivery System for an Anti-Hypertensive Drug. Paper presented at International Conference on Nanoscience and Nanotechnology.

Clay polymer nanocomposites as a controlled release carrier of an anticancer drug. Poster Presentation in the International Conference on green technologies for environmental rehabilitation. (Haridwar) Faculty of engineering and technology, Gurukul Kangri University, Haridwar, Uttarakhand, India.

Dr. A. Ansar and Dr. M. Datta: Adsorptive removal of arsenic from aqueous media using modified montmorillonite. Paper presented at the International Conference on green chemistry, Jaipur.

Detection, removal and estimation of arsenic and antimony from ppm to ppb level in aqueous media. Paper presented at the National Conference of recent advances in materials and technology, Haldia.

Dr. G. Panmei and Dr. M. Datta: Synthesis of useful products from flyash. Paper presented at second International Conference on recycling and reuse of materials (ICRM), Kerela.

Synthesis of hydroxysodalite from flyash. Poster presentation in the International Conference on green technologies for environmental rehabilitation. Faculty of Engineering and Technology, Gurukul Kangri University, Haridwar.

Dr. A. Kant and Dr. M. Datta: Removal of Victoria blue B from aqueous solution. Poster presentation in the International Conference on green technologies for environmental rehabilitation. Faculty of Engineering and Technology, Gurukul Kangri University, Haridwar.

Dr. R. Singhal and Dr. M. Datta: Preparation and characterization of velafaxine HCl-MMT-PLGA nanocomposite. Poster Presentation in the International Conference on Nanomaterials and Nanotechnology, Delhi.

Prof. D.S. Rawat: Synthesis and Biological Activity Evaluation of Cyclohexane Diamine Derivatives International Conference on Advances in Applied Chemical Sciences and Innovative Materials, Indian Institute of Technology.

Synthesis and antimicrobial activity evaluation of cyclohexane-1,2 and 1,3-diamine derivatives and metronidazole–triazole conjugates 15th ISCB International Conference, Chemical biology for discovery: Perspectives and challenges, Saurashtra University, Gujrat.

Cyclohexane diamine based small molecular library: Synthesis and biological evaluation', National Seminar on Recent Trends in Chemical and Biological Sciences, Holker Science College, Indore.

Natural product inspired biologically active compounds: Synthesis and biological evaluation National Symposium on Traditional Indian Medicinal Plants in the International Year of Chemistry, National Academy of Chemistry and Biology, NBRI, Lucknow.

Synthesis and anti-bacterial activity evaluation of cyclohexane diamine based compounds National Conference on Chemistry-Biology Interface, Kumaon University, Nainital.

Dr. D. Kumar, Dr. Beena, Dr. Mohit, Dr. N. Roy, Dr. R.K. Rohilla, Dr. T. Parish and Dr. D.S. Rawat: Synthetic library of cyclohexane-diamine derivatives as potential antimicrobial agents' 16th ISCB-2012 International Conference of Indian Society of Chemist and Biologist, Sholapur University, Maharashtra, Poster.

Dr. S. Manohar, Dr. A. Thakur, Dr. U.C. Rajesh, Dr. S.I. Khan and Dr. D.S. Rawat: '4-aminoquinoline based scaffolds as potential antimalarial agents' 16th ISCB-2012 International Conference of Indian Society of Chemist and Biologist, Sholapur University, Maharashtra.

Dr. Beena, Dr. D. Kumar, Dr. N. Roy, Dr. R.K. Rohilla, Dr. R. Singh and Dr. D.S. Rawat: 'Cyclohexane-1,2-diamine derivatives: Synthesis and antimicrobial activity evaluation' 15th ISCB-2011 International Conference of Indian Society of Chemist and Biologist, Sholapur University, Maharashtra.

Dr. S. Manohar, Dr. S.I. Khan and Dr. D.S. Rawat: '4-Aminoquinoline based hybrid molecules: Synthesis and antimalarial activity evaluation' 15th ISCB-2011 International Conference of Indian Society of Chemist and Biologist, Sholapur University, Maharashtra.

Dr. N. Kumar, Dr. S.I. Khan and Dr. D.S. Rawat: Synthesis and antimalarial activity evaluation of tetraoxane based compounds' 15th ISCB-2011 International Conference of Indian Society of Chemist and Biologist, Sholapur University, Maharashtra.

Prof. S.K. Sharma: Novel Bio-catalytic Methods for the Synthesis of Biocompatible Polymeric / Dendritic Architectures invited talk in International Conference on Advances in Applied Chemical Sciences and Innovative Materials, IIT, Delhi.

Institute for Holistic Medical Sciences, Invited Talk: Synthesis and evaluation of anticancer and Src kinase inhibitory activities of platinated nucleic acids and heterocyclic compounds. Second International Conference on Holistic Medicine, Kottayam, Kerala.

Biocatalytic Synthesis of Glycerol Based Novel Amphiphilic Polymers and Dendritic Architectures invited talk in National Workshop on 'Carbohydrate based Chemical Industry', in Hindi, National Chemical Laboratory, Pune.

Biocatalysts: Modern Tools of Organic Synthesis invited talk in National Workshop on Recent Trends in Chemistry- 2011, Department of Chemistry, Deenbandhu Chhotu Ram University of Science and Technology, Haryana.

Dr. Rajeev Gupta: Coordination Complexes as the Building Blocks: Ordered Structures, Crystal Engineering and Catalysis, 3rd Asian Conference on Coordination Chemistry (ACCC-3), Department of Chemistry, IIT, Kanpur, IHC, New Delhi.

Molecules – to – Materials via Coordination Complexes as the Building-Blocks, National Symposium on 'Emerging Trends in Chemical Sciences', Department of Chemistry, Faculty of Science, Banaras Hindu University.

Coordination Complexes as the Building Blocks: Ordered Structures & Catalysis, National Symposium on Chemistry in 21st Century, Department of Chemistry, Guru Nanak Dev University, Amritsar.

Dr. D. Bansal and Dr. Rajeev Gupta: Coordination Complexes as the Building Blocks: Discrete Heterobimetallic Complexes, 3rd Asian Conference on Coordination Chemistry, Department of Chemistry, IIT, Kanpur, IHC, New Delhi.

Dr. A. Ali, Dr. G. Kumar, Dr. H. Aggarwal and Dr. Rajeev Gupta: Coordination Complexes as the Building Blocks: Extended Networks and Hydrogen – bonded Assemblies, 3rd Asian Conference on Coordination Chemistry, Department of Chemistry, IIT, IHC, New Delhi.

Dr. Rajeev Gupta: Coordination Complexes as the Building Blocks: Ordered Structures, Crystal Engineering and Catalysis, International Conference on 'Advances in Applied Chemical Sciences and Innovative Materials' Department of Chemistry, IIT, New Delhi.

Dr. R. Kishan, Dr. T. Singh and Dr. N. Thirupathi: Synthesis, structural aspects and solution behaviour of Ruthenium (II) half sandwich complexes ligated by N,N'-diarylthiourea in Abstract '3rd Asian Conference on coordination Chemistry', IHC, New Delhi, p. 406, IIT Kanpur and Delhi.

Dr. K. Gopi, Dr. P. Saxena, Dr. M. Nethaji and Dr. N. Thirupathi: Influence of steric effect on the structural aspects of N,N',N'-Triarylguanidine derived six membered [C,N]palladacycles in Abstract '3rd Asian Conference on coordination chemistry', IHC, New Delhi, Late Abstract: p. 4. IIT Kanpur and Delhi.

Dr. N. Thirupathi: Exploration of Organometallic and coordination chemistry aspects of platinum group metal complexes ligated by sym N,N',N'-triarylguanidine and its monoanion in Abstract '3rd Asian Conference on coordination chemistry', IHC, New Delhi, p. 204. IIT Kanpur and Delhi.

Dr. Amita and Dr. M.D. Milton: New Benzimidazole Based *N*-Heterocyclic Carbene (NHCs) Ligands as Effective Organocatalysts for Benzoin condensation in Aqueous Media. Poster presented at the International Conference on Innovations in Chemistry for Sustainable Development, Department of Chemistry, Punjab University, Chandigarh.

Dr. P. Garg and Dr. M.D. Milton: Palladium/Picoline-Functionalized Imidazolium Salt as New Catalysts for Heck Reaction in Aerial Atmosphere. Poster presented at the International Conference on Innovations in Chemistry for Sustainable Development, Department of Chemistry, Punjab University, Chandigarh.

Dr. Roona Poddar and Dr. M.D. Milton: Synthesis of Novel N-(10)-Substitued Phenothiazine Chalcone Derivatives and their Sulfones. Poster presented at the International Conference on Innovations in Chemistry for Sustainable Development, Department of Chemistry, Punjab University, Chandigarh.

Dr. Amita, Dr. P. Garg and Dr. M.D. Milton: C-C Bond Forming Reactions *N*-Heterocyclic Carbene (NHCs) in Dual Role: Metal Catalysis and Organocatalysis. Poster presented at the 14th National Symposium in Chemistry (CRSI-NSC), Trivandrum.

Dr. Basudeb Saha: Delivered an invited talk on the occasion of RSC sponsored National Conference on Green Chemistry Workshop , Chemistry Department.

Dr. Sasanka Deka: Synthesis and Characterization of Two Phases of Cobalt Oxide Nano- and Micro-Particles and Their Applications. Oral Presentation in the International Conference and Workshop on Nanostructured Ceramics and other Nanomaterials, University of Delhi.

Dr. M. Sathiyendiran: Synthesis and characterization of Re(I)-based metallomacrocycles. Invited talk National Symposium on Foundations and Frontiers in Supramolecular Chemistry, JNU, New Delhi.

Publications

Mishra, S. and Chauhan, S.M.S. 2011. Use of Graphite Oxide and Graphene Oxide as Catalysts in the Synthesis of Dipyrromethane and Calix[4]pyrrole, *Molecules*. 16: 7256-7266.

Kumari, P., Nagpal, R. and Chauhan S.M.S. 2011. Formation of hydridocobalt(III) phthalocyanine by reaction of cobalt(II) phthalocyanines with sodium borohydride and its reactions with antioxidant isoflavones, *New J. Chem.* 35: 2639-2646.

Kumari, P., Ahmad, S. and Chauhan S.M.S. 2011. Reductive dechlorination of atrazine using sodium-borohydride catalysed by cobalt(II) phthalocyanines, *Tet. Lett.* 52: 7083-7086.

Singh, P.P., Ambika and Chauhan, S.M.S. 2012. Chemoselective epoxidation of electron rich and electron deficient olefins catalyzed by meso-tetraarylporphyrin iron(III) chlorides in imidazolium ionic liquids, *New J. Chem.* 36: 650-655.

Garg, B., Bisht, T. and Chauhan, S.M.S. 2012. 2,22 -Diaminoazo-benzene, a potential scaffold for the synthesis of bis-ureas and thioureas: Solution phase anion sensing and binding studies. *Sensors and actuators B: Chemical*: doi.org/10.1016/j.snb.2012.04.029.

Singhal, A. and Chauhan, S.M.S. 2012. Biomimetic oxidation of guggulsterone with hydrogen peroxide catalyzed by iron(III)porphyrins in ionic liquid. *Catal. Comm.*: doi: 10.1016/j.catcom.2012.04.010.

Sehgal, N., Gupta, A., Valli, R.K., Joshi, S.D., Mills, J.T., Hamel, E., Khanna, P., Jain, S.C., Thakur, S.S. and Ravindranath, V. 2012. *Withania somnifera* reverses Alzheimer's disease pathology by enhancing low-density lipoprotein receptor-related protein in liver. Work highlighted in *Times of India* (March 4, 2012) and *The Telegraph* (Feb. 1, 2012). *Proc. Nat. Aca. Sc. (USA)*, 109(9): 1-6.

Verbanac, D., Jain, S.C., Jain, N., Chand, M., Paljetak, H.C., Matijašić, M., Peric, M., Stepanic, V. and Saso, L. 2012. An efficient and convenient microwave-assisted chemical synthesis of (thio)xanthenes with additional in vitro and in silico characterization, *Bioorganic & Medicinal Chemistry*, 20(10): 3180-3185.

Panda, S.S., Malik, R. and Jain, S.C. 2012. Synthetic approach to 2-arylbenzimidazoles: A Review, *Current Organic Chemistry*.

Upadhyay, R.K., Jaiswal, G., Ahmad, S., Khanna, L. and Jain, S.C. 2012. Antitermite Activities of *C. deciduea* extracts and pure compounds against Indian White Termite *Odontotermes obesus* (Isoptera: Odontotermitidae). *Psyche*, Article ID 820245, 9 pages DOI:10.1155/2012/820245.

Panda, S.S., Malik, R., Chand, M. and Jain, S.C. 2012. Synthesis and Antimicrobial Activity of some new 4-triazolylmethoxy-2H-chromen-2-one derivatives. *Medicinal Chemistry Research*, online, DOI 10.1007/s00044-011-9881-0.

Panda, S.S., Jain, N., Jehan, N., Bhagat, S. and Jain S.C. 2012. An eco-friendly synthesis of some novel symmetrical bis spiro-indoles, Phosphorus, Sulfur, and Silicon and the Related Elements, 187: 101-111.

Panda, S.S. and Jain, S.C. 2012. On water synthesis of spiro-indoles via Schiff bases, *Montash Chem.*, DOI 10.1007/s00706-011-0697-x.

2011. In water synthesis of heterocyclic compounds. *Mini Review in Organic Chemistry*, 8(4): 455-465.

2011. Synthesis of 2-Arylbenzimidazoles in water. *Synthetic Communications*, 41(5): 729-735.

Sakhuja, R., Panda, S.S., Khanna, L., Khurana, S. and Jain, S.C. 2011. Design and synthesis of spiro[indole-thiazolidine]spiro[indole-pyrans] as antimicrobial agents. *Bioorganic & Medicinal Chemistry Letters*, 21: 5465–5469.

Gupta, A., Sakhuja, R., Kushwaha, K. and Jain, S.C. 2011. Microwave assisted synthesis of azoniaspiro compounds using a novel catalyst: 1-azaphenothiazine, *Synthetic Communication*, 41(3): 411-416.

Kakkar, R., Bhandari, M. and Gaba, R. 2012. Tautomeric transformations and reactivity of alloxan. *Comput. Theor. Chem.* doi: 10.1016/j.comptc.2012.01.038.

Kakkar, R. 2011. Structure-based design of PDHK2 inhibitors from docking studies. *Int. Res. J. Pharm.* 01: 02: 51-59.

Kakkar, R. and Sharma, S. 2011. DFT Study of interactions of carbenes with boron nitride nanotubes. *J. Chem.* 01(01): 9-20.

Gahlot, P. and Kakkar, R. 2011. Docking modes of Pfz3 and its analogues into the lipoamide binding site on PDHK2. *Int. Res. J. Pharm.* 01 (01): 1-8.

Saroj, M.K., Sharma, N. and Rastogi, R.C. 2012. Photophysical study of some 3-benzoylmethyleneindol-2-ones and estimation of ground and excited states dipole moments from solvatochromic methods using solvent polarity parameters. *J. Mol. Struct.* 1012: 73-86.

2011. Solvent Effect Profiles of Absorbance and Fluorescence Spectra of Some Indole Based Chalcones. *J. Fluoresc.* 21: 2213-2227.

Kumari, R., Bansal, S., Gupta, G., Arora, S., Kumar, A., Goel, S., Singh, P., Ponnar, P., Priya, N., Tyagi, T.K., Baghel, A.S., Manral, S., Tandon, R., Joshi, R., Rohil, V., Gaspari, M., Kohli, E., Tyagi, Y.K., Dwarakanath, B.S., Saluja, D., Chatterji, S., Sharma, S.K., Prasad, A.K., Rastogi, R.C., Raj, H.G. and Parmar, V.S. 2011. Protein acyltransferase function of purified calreticulin: The exclusive role of P-domain in mediating protein acylation utilizing acyloxycoumarins and acetyl CoA as the Acyl group donors. *Protein and Peptide Letters* 18 (5): 507-517.

Kidwai, M., Jahan, A. and Mishra, N.K. 2012. Gold(III) chloride ($\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$) in PEG: A new and efficient catalytic system for the synthesis of functionalized spirochromenes. *Applied Catalysis A: General*, 425-426, 35-43.

Kidwai, M., Jahan, A., Chauhan, R. and Mishra, N.K. 2012. Dodecylphosphonic acid (DPA): a highly efficient catalyst for the synthesis of 2H-indazolo[2,1-b]phthalazine-triones under solvent-free conditions *Tetrahedron Letters*, 53: 1728-1731.

2012. A novel method for the synthesis of tetrahydrobenzo[a]-xanthen-11-one derivatives using cerium(III) chloride as a highly efficient catalyst. *Comptes Rendus Chimie*, 15: 324-330.

- Kidwai, M., Jain, A., Sharma, A. and Kuhad, R.C. 2012.** First time reported enzymatic synthesis of new series of quinoxalines-A green approach. *Journal of Molecular Catalysis B: Enzymatic*, 74: 236-240.
- Kidwai, M., Jain, A., and Bhardwaj, S. 2012.** Magnetic Nanoparticles catalyzed synthesis of diverse N-heterocycles. *Molecular Diversity*, 16;121-128.
- 2012.** A green oxidation protocol for the conversion of secondary alcohols in to ketones using heterogeneous nanocrystalline Titanium(IV) oxide in polyethylene glycol. *Green Chemistry Letters and Reviews*, 5(2): 195-202.
- Kidwai, M. and Jain, A. 2011.** Regioselective synthesis of 1,4-disubstituted triazoles using Bis[(L)prolinato-N,O]Zn complex as an efficient catalyst in water as a sole solvent. *Applied Organometallic Chemistry*, 25(8): 620-625.
- Kidwai, M., Bhardwaj, S., Mishra, N.K. and Jain, A. 2011.** Application of Mobilized Cu-nanoparticles as heterogeneous catalyst for the synthesis of α -amino phosphonates via A^2 -P coupling. *Catalysis Science and Technology*, 1: 426-430.
- Arya, K., Rawat, D.S., Dandia, A. and Sasai, H. 2012.** Brønsted acidic ionic liquids: green, efficient and reusable catalyst for synthesis of fluorinated spiro [indole-thiazinones / thiazolidinones] as antihistamic agents. *J. Fluorine Chem.* 137:117-122.
- Kumar, N., Singh, R. and Rawat, D.S. 2012.** Tetraoxanes: Synthetic and medicinal chemistry perspective. *Med. Res. Rev.* DOI: 10.1002/med.20223. (ranked #1 among the medicinal chemistry journals).
- Kumar, N., Khan, S.I. and Rawat, D.S. 2012.** Synthesis and antimalarial activity evaluation of tetraoxane-triazine hybrids and spiro[piperidine-4,3'-tetraoxanes]. *Helv. Chim. Acta* doi: 10.1002/hlca.201200015.
- Joshi, M.C. and Rawat, D.S. 2012.** Recent development in enediyne chemistry' *Chemistry and Biodiversity* 9: 459-498.
- Kumar, D., Rohilla, R.K., Roy, N. and Rawat, D.S. 2011.** Synthesis and antibacterial activity evaluation of unsymmetrically substituted cyclohexane-1,2-diamine derivatives. *Chem. Biol. Interface*, 1: 263-278.
- Jalal, S., Chand, K., Kathuria, A., Singh, P., Priya, N., Gupta, B., Raj, H.G. and Sharma, S.K. 2012.** Calreticulin transacetylase: A novel enzyme-mediating protein acetylation by acetoxy derivatives of 3-alkyl-4-methylcoumarins. *Bioorg. Chem.* 40:131-136.
- Kathuria, A., Priya, N., Chand, K., Singh, P., Gupta, A., Jalal, S., Gupta, S., Raj, H.G. and Sharma, S.K. 2012.** Calreticulin mediated transacetylase activity utilizing derivatives of coumarin and quinolone as a substrate: Investigations on antiplatelet function *Bioorg. Med. Chem.* 20: 1624-1638.

- Gupta, S., Singh, S., Kathuria, A., Kumar, M., Sharma, S., Kumar, R., Parmar, V.S., Singh, B., Gupta, A., Eycken, E.V., Sharma, G.L. and Sharma, S.K. 2012.** Ammonium Derivatives of Chromenones and Quinolinones as Lead Antimicrobial Agents. *J. Chem. Sci.* 124 (2): 437-449.
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Maurya, H.K., Pratap, R., Tandon, V.K., Mishra, P, Kumar, B. and Ram, V.J. 2012. Oxaheterocycles: Di- and Trioxabenz[3,4]cyclohepta[1,2-a]naphthalene-6,7-diones and Dibenzo[a,c]cycloheptene-3-carbonitriles, *Heterocycle*, 84: 555-567.

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Book Chapters

Kidwai, M. *Green Chemistry: Environmentally Benign Approaches*, Published by In-Tech, Rijeka, Croatia.

Kumar, N., Khan, S.I., Atheaya, H., Mamgain, R. and Rawat, D.S. 2011. 'Synthesis and in vitro antimalarial activity of tetraoxane-amine/amide conjugates' *Eur. J. Med. Chem.* 46:2816-2827.

Gupta, R., Singh, A.P. and Mishra, A. 2012. *Coordination Compounds as Building Blocks: Complexes & Networks* (ISBN 978-3-8433-5840-8) Lap Lambert Academic Publishing GmbH & Co. Saarbrücken, Germany.

Patents:

Rawat, D.S., Manohar, S. and Rajesh, U.C. 2012. Amino-quinoline based hybrids and uses thereof, Indian Patent Application 661/DEL/2012.

Rawat, D.S., Wang, B., Kumar, N., Manohar, S., Yang, X. and Sun, G. 2012. Curcumin analogues and methods of making and using thereof, US Patent Application Filed.

ENVIRONMENTAL STUDIES

Ph.D. Degrees awarded

Ph.D. - 3

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Establishing a protected Area Network for the threatened Amphibians of the Western Ghats.	Dr. S.D. Biju	Global Wildlife Conservation, USA
Lost! Amphibians of India.	Dr. S.D. Biju	CEPCI, USA

Honours/Distinctions

Dr. S.D. Biju: Sanctuary Asia Wildlife Service Award 2011: Citation and INR 50,000.

Seminars/Conferences attended

Prof. P. Pardha Saradhi: Invited Lecture International Conference on Plant Biotechnology for Food Security: New Frontiers

International Conference on Emerging trends on food and health security in cold desert: J&K.

Dr. S.D. Biju: Presidential Address International Workshop and Seminar: NET CHORUS 2011, Kerala.

Publications

Research papers Refereed

Biju, S.D., Van Bocxlaer, I, Mahony, S, Dinesh, K.P., Radhakrishnan, C, Zachariah, A, Giri, V.B., and F Bossuyt. 2011. A taxonomic review of the Night Frog genus *Nyctibatrachus* Boulenger, 1882 in the Western Ghats, India (Anura: Nyctibatrachidae) with description of twelve new species. *Zootaxa* 3029: 1-96.

Dhir, B., Sharmila, P., Pardha Saradhi, P., Sharma, S., Kumar, R. and Mehta, D. 2011. Heavy metal induced physiological alterations in *Salvinia natans*. *Ecotoxicol. Environ. Saf.* 74: 1678–1684.

Feng, Y.L., Li, Y.P., Wang, R.F., Callaway, R.M., Valiente-Banuet, A. and Inderjit, 2011. A quick return energy-use strategy by populations of a subtropical invader in the non-native range: a potential mechanism for the evolution of increased competitive ability. *Journal of Ecology* 99, 1116-1123.

- Gower, D.J., Diego, S.M., Giri, V.B., Bhatta, G, Venu, G, Ramachandran, K, Oommen, O.V., Fatih, F.A., Mackenzie-Dodds, J.A., Nussbaum, R.A., Biju, S.D., Shouche, Y.S. and M. Wilkinson. 2011.** Molecular systematics of caeciliid caecilians (Amphibia: Gymnophiona) of the Western Ghats, India. *Molecular Phylogenetics and Evolution* 59: 698–707.
- Gurevitch, J., Fox, G., Wardle, G., Inderjit and Taub, D. 2011.** Emergent insights from the synthesis of conceptual frameworks for biological invasions. *Ecology Letters* 14, 407–418.
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- Jolli, V. and Pandit, M.K. 2011.** Monitoring pheasants (Phasianidae) in the Western Himalayas to measure the impact of hydroelectric projects. *Ring* 33: 37–46.
- 2011.** Influence of Human Disturbance on the Abundance of Himalayan Pheasant (Aves, Galliformes) in the Temperate Forest of Western Himalaya, India. *Vestnik Zoologii*, 45: 40–47.
- Kamei, R.G., Mauro, D.S., Gower, D.J., Bocxlaer, I.V, Sherratt, E., Thomas, A., Babu, S., Bossuyt, F., Wilkinson, M. and Biju, S.D. 2012.** Discovery of a new family of amphibians from Northeast India with ancient links to Africa. *Proceedings of the Royal Society B*, London, 1471–2954.
- Kaur, R., Malhotra, S. and Inderjit. 2012.** Effects of invasion of *Mikania micrantha* on germination of rice seedlings, plant richness, chemical properties and respiration of soil. *Biology and Fertility of Soils*, 48: 481–488.
- Kothamasi, D., Spurlock, M. and Kiers, E.T. 2011.** Agricultural microbial resources: private property or global commons. *Nature Biotechnology* 29:1091–1093.
- Mahony, S., Sengupta, S., Kamei, R.G. and Biju, S.D. 2011.** A new low altitude species of Megophrys Kuhl and Van Hasselt (Amphibia: Megophryidae), from Assam, northeast India. *Zootaxa* 3059: 36–46.
- Pandit, M.K. 2011.** Ploidy influences rarity and invasiveness in plants. *Journal of Ecology* 99: 11088–1115.
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Sharma, G.P. and Raghubanshi, A.S. 2011. Impact of *Lantana camara* L. invasion on soil properties and herb layer diversity in dry deciduous forests. *App. Ecol. Environ. Res.* 9(3), 253-264.

Sinha, P.G., Pardha Saradhi, P., Uprety, D.C. and Bhatnagar, A.K. 2011. Effect of elevated CO₂ concentration on photosynthesis and flowering in three wheat species belonging to different ploidies. *Agric. Ecosyst. Environ.* 142: 432-436.

Sharma, S.K. and Pandit, M.K. 2011. Taxonomic study on *Panax sikkimensis* Ban. (Araliaceae) species complex using morphometric analysis from Sikkim Himalaya, India. *Plant Syst. Evol.* 297: 87-98.

Urfi, A.J. 2011. The foraging behavior of Painted Stork (*Mycteria leucocephala*): A review. *Waterbirds* 34(4): 448-456.

2011. Climate change and its impacts on Indian birds: monsoon phenology and monitoring heronry birds. *Current Science* 101 (9): 1140-1142.

Van Bocxlaer, I, Biju, S.D., Willaert, B., Giri, V.B., Shouche, Y.S. and Bossuyt, F. 2011. Mountain-associated clade endemism in an ancient frog family (Nyctibatrachidae) on the Indian subcontinent. *Molecular Phylogenetics and Evolution* 62: 839-847.

Books

Urfi, A.J. 2011. *The Painted Stork: Ecology and Conservation*. Springer, New York & Dordrecht.

Papers

Sharma, G.P. and Raghubanshi, A.S. 2011. Invasive species: ecology and impact of *Lantana camara* invasions. In *Invasive alien plants: an ecological appraisal for the Indian Subcontinent* (eds. J.R. Bhatt, J.S. Singh, S.P. Singh, R.S. Tripathi and R.K. Kohli), CABI Publishers, Wallingford, Oxon, UK. pp 19-42.

Articles

Gaertner, M., Fisher, J.L., Sharma, G.P. and Esler, K.J. 2011. Insights into invasion and restoration ecology: Time to collaborate towards a holistic approach to tackle biological invasions. *Neo Biota*, 12, 57-76. (doi: 10.3897/neobiota.12.2123). (was highlighted as News on the web page of Centre for Invasion Biology, South Africa and Weed News, Australia).

Mahendiran, M. and Urfi, A.J. 2011. *Status of cormorants in the Delhi region with a special reference to the Oriental Darter Anhinga melanogaster*. (pp:80-85). In: *Proceedings 7th International Conference on Cormorants* (edited by Van Erden, M.R., Van Rijn, S & Keller, V.). Villeneuve (VD), Switzerland. Wetlands International-IUCN Cormorant Research Group, Lelystad.

Myllswamy, M. and Urfi, A.J. 2011. Colour morphs of cormorants observed in the Delhi region- indicating functional hybrid zone. In: Bhupathy et.al. (eds) *Status of Indian Birds and their conservation*. Proceedings of the first International Conference on Indian Ornithology, 19-23 November 2011. Salim Ali Center for Ornithology and Natural History, Coimbatore, pp. 301.

Sagar, R. and Sharma, G.P. 2012. Measurement of alpha diversity using Simpson index ($1/\bar{e}$): the jeopardy. *Environmental Skeptics and Critics* 1(1).

GEOLOGY

Major Activities

Prof. C.S. Dubey offered geological correlation between north-eastern Himalaya and adjacent Indian craton. Besides, Prof. Dubey has also identified source and origin of arsenic contamination in Rajnandgaon and Kanker District, Chattisgarh Central India. From studies within Khairagarh volcanics Prof. T.Ahmad established Andean-type subduction margin with associated backarc rifting in the central Indian shield that subsequently became part of 'Columbia' supercontinent. Prof. J.P. Srivastava has contributed on characterization of clays from Bijawar rocks of Sonari Basin and obsidian alteration character under hydrothermal condition. Dr. A. Chattopadhyay has characterized the Gavilgarh-Tan shear Zone as a product of transpressional shear during Mesoproterozoic oblique collision in central Indian Tectonic zone. He has also developed a new Experimental Laboratory for Structural Geology in the department – the first of its kind in Delhi, which is at present fully functional and being upgraded through CAS grants. Prof. G.V.R. Prasad has delineated multiple causes, instead of a single one behind terminal Cretaceous extinction. Prof. Prasad has also contributed in vertebrate biodiversity in Deccan province and biotic dispersal between India and Africa at Cretaceous-Tertiary (K/T) transition. Prof. M.Jayananda has established a 2.62 Ga high temperature metamorphism in the central part of eastern Dharwar craton and from studies within Neoarcheans of South India proposed lateral constrictional flow of hot orogenic crust. From natural climate archive of Holocene period Prof. Devesh K. Sinha retrieved variations in South Asian monsoon. Prof. V.N. Bajpai assessed ground water quality of Markanda River basin for irrigation use. Besides providing lithostructural and chronological constraints for tectonic restoration of Proterozoic accretion in the eastern India, Dr. N.C. Pant described Archean high grade (granulite facies metamorphism from the boundary of Eastern Ghats Mobile Belt and Singhbhum Craton and showed the affinity of these rocks with the Singhbhum craton thereby linking these to be the lower crustal components of the Archean craton. Dr. P.P. Chakraborty dated diabasic intrusive present within the Singhora Group, Chhattisgarh Supergroup using Sm-Nd systematics, and characterised the intrusive as a non-plume product. He also documented slides and massflows from the Lakheri Limestone Formation, Vindhyan basin and related the extensional and compressional features of LL succession with the flexural response of early rifted Vindhyan basement. Going beyond the inter-plate panacea, he explored the intra-plate origin for subduction zone mega-shock

earthquakes. Prof. A.M.Bhola and Dr. Shashank Sekhar documented kink bands in thrust regime from Srinagar-Garhwal area. The study on fresh water interaction in Mahanadi delta region by Dr. Shashank Sekhar is a work of recent demand. Dr. Vikrant Jain has worked towards river process understanding through stream power model and its application in stream management. Dr. P. Kumar is working on Eocene-Oligocene successions of western Kutch to establish depositional environment and sequence stratigraphic framework of the area.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	11
M.Phil.	-	4

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
3-D Modeling of Sub-Surface Data relation to seismicity and hydrology for NCR covering parts of Haryana and UP.	Prof. C.S. Dubey	MOeS
Compositional studies on soluble organic matter entrapped within clay sediments, associated with intra-volcanic bole horizons from Deccan Traps: Palaeoenvironmental implications and KT.	Prof. J.P. Shrivastava	UGC
Studies on hydrothermal sulphides (MoES/Hydro- Sulphides/04/08-PC-II, Government of India)	Prof. J.P. Shrivastava	MOeS
Study of hydrothermal behavior and chemical behavior of impact glass from Lonar area in the Buldhana district of Maharashtra, India.	Prof. J.P. Shrivastava	DU
Geochemical Flow Stratigraphy and Age of Basalts from Eastern Deccan Volcanic Province, India.	Prof. J.P. Shrivastava	DST
Compositional and Structural Studies on the Smectites and Geopolymers of Ir enriched and other Infra-? Inter-trappean sediments: implications on Deccan Volcanism and KTB.	Prof. J.P. Shrivastava	DST

Mineralogical and geochemical studies on the clay minerals of the intra- volcanic bole horizons from the Deccan Traps; Palaeoenvironmental implications and KTB.	Prof. J.P. Shrivastava	UGC
Magmatism and hydrothermal activity on the fast spreading East Pacific Rise.	Prof. J.P. Shrivastava	DOD
Study of corrosion mechanism in the basaltic Glasses (analogue for nuclear waste glass) for long-term assessments in geological repository.	Prof. J.P. Shrivastava	DU
Age and duration of Deccan volcanic activity in the eastern Deccan volcanic province, India.	Prof. J.P. Shrivastava	DU
Study of hydrothermal and chemical behaviours of impact glass from Lonar area in the Buldana district of Maharashtra, India.	Prof. J.P. Shrivastava	DST
Cretaceous northward drift of India: Implications for biogeographic origins, vicariant evolution and dispersal of vertebrates.	Prof. G.V.R. Prasad	DST
Dynamics and evolution of Archaean lithosphere in the Dharwar craton : Hassan-Sira crustal corridor.	Prof. M. Jaynanda	DST
The changing Early Earth.	Prof. M. Jaynanda	UNESCO-IGCP
Comparison of Late Neogene planktic foraminiferal Seaway and related paleoceanographic changes.	Dr. Devesh Sinha	IODP
Variability of Indian Monsoon since LGM- ISRO-GBP Project (A part of International Geosphere and Biosphere programme).	Dr. Devesh Sinha	ISRO
Variations in the Trans Tropical Pacific Circulation System and its linkages to Closing of Indonesian and Central American Seaway during Late Neogene.	Dr. Devesh Sinha	IODP

Brittle reactivation of Gavilgarh-Tan Shear Zone, and its seismogenic implications.	Dr. A. Chattopadhyay	DST
Development of indicators for anthropogenic, environmental and chemical stress on urban ecosystem: A study of aquatic and terrestrial ecosystems of Yamuna river catchment from National Capital Region Delhi.	Dr. Vikrant Jain	DU-DST-Purse
Control of stream power distribution pattern on river types and landscape patterns in the Ganga River basin, India, and role of basin geology.	Dr. Vikrant Jain	DST
Pedosedimentary evolution of the Quaternary alluvial fans of Kangra Intermontane Basin.	Dr. Pankaj Srivastava	DST
Ganga-Yamuna Interfluvial Stratigraphy, Gangetic Plains.	Dr. Pankaj Srivastava	DST
Spatial variability of soils and weathering processes across the catchment of Yamuna River from National Capital Region.	Dr. Pankaj Srivastava	DU/DST/Purse
Conceptual assessment of the impact on groundwater regime of a part of the underground Delhi Metro tunnel using numerical modeling approach.	Dr. Shashank Shekhar	DU

Appointments of faculty member to higher Posts/Assignments

Prof. Talat Ahmad: Vice-Chancellor, Jammu and Kashmir University, Srinagar.

Honours/Distinctions

Prof. G.V.R. Prasad: Awarded J.C. Bose National Fellowship.

Elected as Fellow of Third World Academy of Sciences (TWAS).

Prof. M. Jayananda: IUGS Executive Council Meeting UNESCO, Paris, France.

Dr. Shasank Sekhar: Fellow, Geological Society of India.

Dr. N.C. Pant: Member, SCAR-SSG from India.

Prof. T. Ahmad: Member, National Assessment & Accreditation Council, NAAC, UGC.

Prof. C.S.Dubey: Expert Member, EAC, Industries, MOEF, Govt. of India.

Presidents Nominee, LNUPE, Gwalior.

Seminars/Conferences attended

Prof. C.S. Dubey: Invited Keynote Speaker on 'Business Co-operations and Interactions on University of Excellence in India-A global Perspective at 4th University-Business forum under European Commission, Brussels, Belgium.

Invited for discussions on Imja lake South-South Expeditions and Glacial Lake Outburst Hazards Writers Workshop in Hindu-Kush Himalayas, ICIMOD, Nepal.

Prof. J.P. Shrivastava: National Seminar Recent Advances in Mineral Sciences and Their Applications, 118-119, MSI, Mysore, 2011.

National Seminar on 'Geodynamics and metallogenesis of Indian lithosphere' in Banaras Hindu University.

Prof. M. Jayananda: Invited talk National Seminar 'Archean continental crust in southern India and its mineral resources' organized by Atomic Minerals Division, Bangalore, 13-14 October 2011.

Dr. N.C. Pant: XI International Symposium on Antarctic Earth Science (ISEAS XI) at Edinburgh, Scotland, 2011.

National Symposium on 'Geology and Mineral resources of India' at Kumaun University, Nainital, March 2012.

Dr. Vikrant Jain: Fourth Annual Indo-American Kavli Frontiers of Science symposium in Irvine, California, USA.

Dr. Vimal Singh: IGCP-581 Second Annual Symposium at Hokkaido University, Sapporo, Japan, 11-14 June 2011.

Publications

Books

Ahmad, T. 2011. Geology of the Himalayan Mountain Range, with special reference to the western Himalaya. *Geology*, 63, 4, 142-147.

Bajpai, V.N. 2011. Hydrogeological Studies in the National Capital Territory of Delhi with Reference to Land Use pattern and Effective Groundwater Management. *Indian National Science Academy*. 77, 31-49.

Chakraborty, P.P. 2011. Slides, soft sediment deformations and mass flows from Proterozoic Lakheri Limestone Formation, Vindhyan Supergroup, central India and their implications towards basin tectonics. *Facies (Springer-Verlag)* Vol. 57, pp. 331-349.

- Kshetrimayum, K.S. and Bajpai, V.N. 2011.** Establishment of missing stream link between the Markanda river and the Vedic Saraswati river in Haryana, *Current Science*, Vol. 100, No.11, India-geolectrical resistivity approach. pp. 1719-1726.
- Longjam, K.C. and Ahmad, T. 2011.** Geochemical characterization and petrogenesis of Khairagarh volcanics: implications for Precambrian crustal evolution. *Geological Journal*. DOI: 10.1002/gj.1312.
- Pant, N.C. and H.S. Saini, 2011.** Global climate instability, Indo-Gangetic Plain and environmental concerns in south Asia. SAARC Building bridges in the south Asian Region (eds.) Saifuddin Soz, R.N. Srivastava and Sanju Gupta. 305-318. Published by Foundation for Peace and Sustainable Development, New Delhi.
- Prakash, R. and Shrivastav, J.P.** A Review of the Seismicity and Seismotectonics of Delhi and adjoining areas *J. Geol. Soc. India*.
- Ahmad, M., Srivastava, J.P. and Srivastava, S. 2012.** REE abundance in the clays associated with the intra- volcanic bole horizons of the eastern Deccan Traps: palaeoenvironmental implications. *Proc. Indian Nat. Sci. Acad.*, v. 78, pp 59-69.
- Bera, M., Sarkar, A. and Chakraborty, P.P. 2011.** Discussion on 'Storm activities during the sedimentation of late Paleocene- Middle Eocene Subathu Formation, western Himalaya by B.P Singh and A.K.Srivastava'. *Journal Geological Society of India*, Vol. 78, pp. 185-186.
- Barnes, J., Densmore, A., Mukul, M., Sinha, R., Jain, V. and Tandon, S.K.** Interplay between faulting and base level in the development of Himalayan frontal fold topography, *Journal of Geophysical Research*, doi:10.1029/2010JF001841.
- Bhowmik, S.K., Simon, A.W., Bhandari, A., Pal, T. and Pant, N.C. 2011.** Growth of the Greater Indian Landmass and its assembly in Rodinia Geochronological evidence from the Central Indian Tectonic Zone, Gondwana Research DOI:10.1016/j.gr.2011.09.008.
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PHYSICS & ASTROPHYSICS

Major Activities

The Department of Physics and Astrophysics is actively engaged in both research and postgraduate teaching. With a faculty strength of about 55, the department has 600 enrolled in M.Sc. and about more than in Ph.D. at any time. In addition there are two M.Tech programs, one is Nuclear Science and Technology and the other is Nano Science and Technology. The M.Tech. in Nano Science and Technology is jointly run with the Department of Chemistry. The subjects taught in the M.Sc. and the research pursued include High-

Energy Physics, Complex systems and Biophysics, Astrophysics and Cosmology, material science, condensed matter physics and Advanced Optics. There is good blend of theoretical and experimental work in the department in these areas, both in research and post graduate teaching. The faculty has received research grants from a number of agencies like, DST, DRDO, CSIR, UGC, DIT, etc. There is active collaboration with other institutes, especially the Inter University Centres. Some of the faculty are fellows of National academies and some are associates of Inter-University Centre for Astronomy and Astrophysics.

Ph.D. Degrees awarded

Ph.D. - 24

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Development of Electrochemical Hybrid Supercapacitors based on Conducting Polymer Electrodes and Polymer Electrolytes for Energy Storage.	Dr. S.A. Hashmi	DST
Simulation of detector elements for proton Computed Tomography for Cancer Therapy, Sponsored by Northern Illinois University, USA.	Dr. M. Naimuddin	Northern Illinois University, USA
R&D of INO “ICAL Resistive Plate Chamber (RPC) detectors.	Dr. M. Naimuddin	DST
Application OF Random Matrix Models To The Study Of Ribo- Nucleic Acid (RNA) and Biological Networks.	Dr. Nivedita	CSIR
Optical characterization of defects in metal-oxide semiconductors generated by ion accelerators.	Dr. Shyama Rath	International Atomic Energy Agency
Indigenous development of table top surface plasmon resonance (SPR) set up.	Dr. Vinay Gupta	DST
Metallization & PLG for MEMs device.	Dr. Vinay Gupta	DRDO
Development of the prototype of SAW sensors for NO _x gas.	Dr. Vinay Gupta	DST

Development of plasma assisted growth of metal oxide thin films for sensor applications.	Dr. Vinay Gupta	DST
Accelerated Expansion of the Universe: Its Origin and its Observational Consequences.	Dr. T.R. Seshadri	CSIR
Integrated M.Tech in Nanoscience and Nanotechnology.	Dr. Annapoorni	DST
Synthesis and Characterization of polymeric and metal oxide nanostructured substrates for detection of toxic vapour.	Dr. Annapoorni	DST
Synthesis and Characterization of polymeric and metal oxide nanostructured substrates for detection of toxic vapour.	Dr. Annapoorni	DRDO
Stability of heliosheath and heliospheric boundaries.	Dr. Avinash Khare	NASA
Patents: 'Plasma heat pump and heat engine'.	Dr. Avinash Khare	US and Trade Mark Office

Honours/Distinctions

Dr. R.P. Tandon: MRSI-ICSC Superconductivity & Materials Science Annual Prize MRSI Medal-2012, given during the 23rd AGM of Material Research Society of India held at Thapar University, Patiala, 12-15 February 2012.

Elected Fellow, Indian National science Academy Citation: For his outstanding and pioneering contributions in a number of areas of plasma physics including tokamak stability, pure election plasma dynamics and statistical aspects of dusty plasmas.

President, plasma Science Society of India(Current); Member, International advisory committee of International Conference on the Physics of Dusty Plasmas; Associate Editor, Journal of Plasma Physics, Cambridge, UK.

Appointment of faculty members to higher Posts/Assignments

Dr. M. Naimuddin: Appointed Adjunct Prof. at the Department of Physics, Northern Illinois University, USA.

Indian National Science Academy (INSA) Young Scientist Medal, 2011.

Member, American Physical Society; Member, Indian National Science Academy; Member, American Geophysical Union.

Seminars/Conferences held

International Conference and Workshop on Nano-structured Ceramics and other Nano-materials, ICWNCN 2012, 13-16 March 2012.

Seminars/Conferences attended

Dr. Ashok Kumar: International Conference on the Physics at the CERN Large Hadron Collider , PLHC 2011, Perugia, Umbria, Italy, 6-11 June 2011.

BSM: Beyond the Standard Model: results with the 7 TeV LHC Collision Data, ICTP, Trieste, Italy. 19-23 September 2011.

Dr. M. Naimuddin: Hadron Collider Physics Conference at Paris, France.

National Symposium on Particles, Detectors and Instrumentation held at TIFR, Mumbai.

Dr. Triyambak: Fourth International Conference on Proton Emitting Nuclei and Related Topics, Bordeaux, France, June 2011.

Dr. Jyoti Rajput: XXII International Symposium of on Ion Atom Collisions, at University of Caen, France, 22-25 July 2011.

XXVII International Conference on Photonic, Electronic and Atomic Collisions, at Queens University, Belfast, 27 July-2 August 2011.

3rd International Conference on Current Developments in Atomic, Molecular, Optical and Nano Physics with Applications, University of Delhi, 14-16 December 2011.

Dr. R.P. Tandon: International Conference on Materials for Advanced Technologies (ICMAT-2011) in Singapore, 26 June-1 July 2011.

International Conference on Electroceramics (ICE-2011) in Sydney, Australia, 12-16 December 2011.

International Conference on Electron Nanoscopy & XXXII Annual Meeting of EMSI, Hyderabad, 6-8 July 2011.

National Seminar on Advanced Materials & Devices, G.V.M. Girls College, Sonapat, 13-14 July 2011.

National Conference on Advanced Polymers, Fibers & Fabrics, DMSRDE, Kanpur, 26-28 December 2011.

Dr. Shyama Rath: International Conference on Materials for Advanced Technologies, Singapore, 26 June -1 July 2011.

'Plasma heat pump' International Conference on Physics of dusty plasmas (ICPDP-2011), Garmisch Partenkirchen, Germany, 16-20 May 2011.

Dr. S.A. Hashmi: Invited Talk on 'Polymer Electrolytes Based Supercapacitors : Some Challenging Issues and Recent Advancements', in the 'Ninth National Conference on Solid State Ionics (NCSSI-9), Jaypee Institute of Information Technology, Noida, 15-17 Dec. 2011.

Dr. Amitabha Mukherjee: International Conference on Gravitation and Cosmology 2011, Goa December 2011.

Dr. Ajit Mahapatra: International Conference and Workshop on Nanostructured Ceramics and Other Nanomaterials, University of Delhi, 13-16 March 2012.

Dr. Vinay Gupta: Invited Talk 'Metal oxide nano-structures and thin films for sensor applications', India-Singapore Joint Physics symposium (ISJPS-2012), IIT Delhi, 20-22 February 2012.

Invited Talk: 'Multifunctional metal oxide thin films for biosensor applications', International Conference on nanomaterials and nanotechnology (ICNANO 2011), University of Delhi, 20 December 2011.

Invited Talk: 'ZnO nanostructures and thin films for multifunctional device applications', National Conference on Nanoscience & Nanotechnology, Department of Applied Physics, Aligarh Muslim University, 10-12 March 2012.

Invited Talk: 'Metal oxide thin films and nanostructures for multifunctional applications', National Workshop on multifunctional nanomaterials, Institute of Technical Education and Research Siksha 'O' Anusandhan University, Bhubneshwar, 26 November 2011.

Invited Talk: 'Pulsed laser deposited metal oxide thin films for sensor applications', 6th DAE-BRNS National Symposium on pulsed laser deposition of thin films & nanostructured materials (PLD-2011), Material Research Center, Indian Institute of Science, Bengaluru, 9-11 November 2011.

Dr. T.R. Seshadri: Indo-UK Seminar (funded by the Royal Society and DST) at IUCAA Pune 10-12 August.

Publications

Research Papers

Pandey, G.P., Agrawal, R.C. and Hashmi, S.A., 2011. Magnesium ion conducting gel polymer electrolytes dispersed with fumed silica for rechargeable magnesium battery application, *J. Solid State Electrochemistry* 15:2253–2264.

Kumar, Y., Hashmi, S.A. and Pandey, G.P. 2011. Ionic liquid mediated magnesium ion conduction in poly (ethylene oxide) based polymer electrolyte, *Electrochim. Acta*, 56:3864–3873.

Pandey, G.P., Kumar, Y. and Hashmi, S.A. 2011. Ionic liquid incorporated PEO based polymer electrolyte for electrical double layer capacitors: A comparative study with lithium and magnesium systems, *Solid State Ionics*, 190:93–98.

- Taer, E., Deraman, M., Talib, I.A., Awitdrus, A., Hashmi, S.A. and Umar, A.A. 2011.** Preparation of a highly porous binderless activated carbon monolith from rubber wood sawdust by a multi-step activation process for application in supercapacitors *Int. J. Electrochem. Sci.*, 6:3301 – 3315.
- Kumar, Y., Hashmi, S.A. and Pandey, G.P. 2011.** Lithium ion transport and ion-polymer interaction in PEO based polymer electrolyte plasticized with ionic liquid, *Solid State Ionics*, 201:73–80.
- Kumar, D., Suleman, M. and Hashmi, S.A. 2011.** Studies on poly (vinylidene fluoride-co-hexafluoropropylene) based gel electrolyte nanocomposite for sodium-sulfur batteries, *Solid State Ionics*, 202:45-53.
- Pandey, G.P., Agrawal, R.C. and Hashmi, S.A. 2011.** Performance Studies on Composite Gel Polymer Electrolytes for Rechargeable Magnesium Battery, *J. Phys. & Chem. Solids*, 72:1408–1413.
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- Sellam and Hashmi, S.A. 2012.** Enhanced zinc ion transport in gel polymer electrolyte: Effect of nano-sized ZnO dispersion, *J. Solid State Electrochemistry*, DOI 10.1007/s10008-012-1733-4.
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- Arora, S., Rajouria, Kumar, S., Kumar, P., Bhatnagar, P.K., Arora, M. and Tandon, R.P.** Role of donoraccep- tor domain formation and interface states in initial degradation of P3HT:PCBM-based solar cells, *Phys. Scr.* 83 (2011) 035804 (6pp) doi:10.1088/0031-8949/83/03/035804.
- Sachdeva, A., Kumar, M., Luthra, V. and Tandon, R.P.** Phase evolution studies of solgel derived lead zirconate ti- tanate (PZT) nanopowder using X-ray diffraction and X-ray pho- toelectron spectroscopy; *Applied Physics A: Materials Science & Processing*, DOI 10.1007/s00339-011-6301-8.
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Pahwa, I., Choudhury, D. and Seshadri, T.R. 2011. Late-time acceleration in higher dimensional cosmology, *Journal of Cosmology and Astroparticle Physics*, 9, : 15 (DOI: 10.1088/1475-7516/2011/09/015).

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Dispersion of laser droplets using H^+ ions and annealing effect on pulsed laser deposited Nickel ferrite thin films, Rakesh Malik, S. Annapoorni, S. Lamba, S. Mahamood and R.S. Rawat, *J. Phys A: Material Science and processing*, 105 (2011), 233-238.

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Order disorder investigation of hard magnetic nanostructured FePt alloy, R. Medwal, N. Sehdev and S. Annapoorni J. Phy.: D Appl. Phy. 45 (2012) 055001.

Ag assisted evolution of ordered L10 CoPt alloy nanoparticles, N. Sehdev, R. Medwal and S. Annapoorni, J. Alloys and Comp. 522 (2012) 85.

Impact of interfacial interactions on optical and ammonia sensing in Zinc oxide/Polyaniline structure. Mansi Dhinga, Sadhana Srivastava, Senthil Kumar Pandian, S. Annapoorni, Bullatin of Materials Science.

Shukla, P.K. and Avinash, K. 2011. Phase co existence and a critical point in ultra cold neutral plasmas phys.Rev.Lett.,107, 135002.

2012. Phase transitions in quantum plasmas, Phys. Lett. A, 376, 1352.

Avinash, K., Shukla, P.K and Merlino, R.L. 2011. Anomalous dust temperature in dusty plasma experiments, Phys. Let. A, 375, 2854.

ZOOLOGY

Major Activities

The current research and teaching in the Department include Animal Physiology, Animal Behaviour, Aquaculture, Cell Signaling, Molecular Endocrinology, Microbiology, Genomics and Metagenomics, Molecular Cell Biology, Chromatin and Cancer Biology, Radiation Biology, Reproductive Physiology and Toxicology. Apart from teaching, the faculty has been publishing papers in peer-reviewed research journals. More than 200 papers have been published in last five years. The department practices interdisciplinary research. Faculty members are presently collaborating with leading institutes of the country like IIT Delhi, IMTECH, IARI, TERI, NEERI, IGIB, NII, and NIHFV. Faculty members have received many prestigious awards and honours.

Honours/Distinctions

Prof. K. Muralidhar: Awarded JC Bose Memorial Award of Indian Science Congress received from the Prime Minister of India on 3 January 2012.

1st Awardee, Har Gobind Khurana Memorial Lecture, GGS IP University.

1st Awardee, Prof GP Sharma Memorial Lecture, Punjab University.

Awardee, Shiksha Rattan Puraskar, IFS (India).

Prof. Rup Lal: Ambassador to Indian Ocean Region, American Society of Microbiology, June 2012.

General Secretary, Indian Network for Soil Contamination and Research (INSCR).

President Elect- 2013, Association of Microbiologists of India (AMI).

Fellow of National Academy of Agricultural Sciences (FNAAS).

Prof. A.K. Singh: Member, Project Advisory committee, Department of Science & Technology, Government of India.

Prof. Madan Mohan Chaturvedi: Elected Fellow of The National Academy of Sciences, Allahabad, India.

Prof. Umesh Rai: Elected Fellow of the National Academy of Sciences, India.

Prof. Rina Chakrabarti: Served as a judge for presentation of students in the International Conference 'World Aquaculture 2011' at Natal, Brazil, 6-10 June 2011.

Participated as expert in the live telecast on 'Barsat Mein Fish Ki Dekhbhal' in the 'Krishi Darshan' programme of Doordarshan Kendra, New Delhi on August 18, 2011.

Elected Member, Asian Fisheries Society, Indian Branch (2011-2014).

Reviews in Aquaculture, Blackwell Publishing.

Editorial Board Member, Mediterranean Aquaculture Journal, Mediterranean Aquaculture and Environment Society.

Editorial Board Member, The Israeli Journal of Aquaculture - Bamidgeh, Society of Israeli Aquaculture and Marine Biotechnology.

Referee of Scientific Journals

Aquaculture, Elsevier Science Ltd.; Aquaculture and Nutrition, Blackwell Science Ltd., NIFES, Norway; Aquaculture Research, Blackwell Science Ltd. UK; Comparative Biochemistry and Physiology, Elsevier Science Ltd.; Indian Journal of Animal Sciences, I.C.A.R., India; Indian Journal of Biochemistry and Biophysics, C.S.I.R., India; Journal of Environmental Biology, India; Indian Journal of Experimental Biology, C.S.I.R., India; Journal of Agricultural and Food Chemistry, ACS Publications, USA; Journal of Fish Biology, Blackwell Science Ltd. U.K.

Prof. R.K. Seth: Given Award of Honour at the 'International Conference on Entomology' at Punjabi University, Patiala, 17-19 February 2012.

Fellow of National Academy of Sciences, Allahabad (FNASc.).

Editor, Working papers in IAEA Research Coordination Meetings.

Member of Editorial Advisory Board of J. Nuclear Agric. Biol., Indian Journal of Entomology

Acting as Referee to National and International Projects (from DST, CSIR, IAEA, ESA, etc.) and Journals (Bull Ent. Res.; J. Insect Physiol. Florida Ent., J. Nuclear Agric. Biol Invertebrate Reproduction and Development.

Dr. D.K. Singh: Expert/Judge for 6th Uttarakhand State Science & Technology Congress, SSJ Campus, Almorah, Kumaun University, 14-16 November 2011.

Joint Secretary, Indian Network of Soil Contaminated Research, 2011-2013.

Treasurer, Association of Microbiologists of India, April 2011- March 2014.

Dr. Sanjay Katiyar: Reviewer or Editorial Board Member in Major Scientific Journals, American Journal of Pathology; Proceeding of National Academy of Science USA (PNAS); PLoS One; Cancer Research; Clinical Cancer Research; Cancer Prevention Research; Cancer Epidemiology, Biomarkers & Prevention; Current Science; Journal of Cancer Research; International Journal of Oncology Research; Journal of Pathology Research; International Journal of Zoology Research; Editage.com (Cactus Communications Inc., Memphis, TN, USA) Reviewer, Life Science Expert & Journal Selection Expert; Indian Journal of Medical Research; ICFAI Journal of Bio-Technology.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	26
M.Phil.	-	16
NET	-	12

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Production and characterization of Recombinant buffalo pituitary FSH and LH.	Prof. K. Muralidhar(DU) and Prof. R. Dighe (IISc)	DBT
Structure-Function Relationship in Pregnant Mare Serum Gonadotropin.	Prof. K. Muralidhar Dr. Sharmila Basu	CSIR
Genotyping and Isolation of Sphingomonads from HCH contaminated Agricultural soils and their application in Bioremediation.	Prof. Rup Lal	NBAIM-ICAR
Understanding Genome Organisation and Gene Expression in Response to Different Hexachlorocyclohexane (HCH) Isomers in HCH Degrading Bacteria and the HCH Dumpsite.	Prof. Rup Lal	DBT
‘Development of <i>in vivo</i> system for studying inflammation: mechanism of oscillatory response of the key regulator, Mohan Chaturvedi the Nuclear Factor kappa B (NF-kB)’.	Prof. Madan	DU-DST Purse Scheme
Area of Research – Comparative Endocrinology.	Prof. Umesh Rai	DU-DST Purse

Hormonal and molecular mechanisms of preovulatory water influx in the oocytes of a freshwater fish.	Prof. Neeta Sehgal	DST
Molecular analysis of sexual disruption in murrel, <i>Channa punctatus</i> (Phase II).	Prof. Neeta Sehgal	DU
Development of Indicators for Anthropogenic, Environmental and Chemical Stress on Urban Ecosystem: A Study of Aquatic and Terrestrial Ecosystems of Yamuna River Catchments from National Capital Region (Delhi).	Prof. Neeta Sehgal	DU-DST
Avian circadian seasonal systems: from behaviour to molecules.	Prof. Vinod Kumar	DST-IRPHA Scheme
Circadian brain photoreceptors in birds: Localization and functional evaluation.	Prof. Vinod Kumar	CSIR
Neurobiology and Understanding the Circadian System Linkage of the Cognitive Performance in an Avian Model System.	Prof. Vinod Kumar	DST Cognitive Science Program
Grant- Evaluation of Potential Applications of Inorganic Nanoparticles in Nanomedicine.	Dr. Anju Shrivastva	DU-DST Purse Scheme
RNAi mediated comparative functional analysis of immune response genes in ruminants and fish against <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> and <i>Mycobacterium fortuitum</i> .	Dr. Shibnath Mazumder	ICAR
Identifying the nature of cell death and involvement of p38-JNK-ERK axis induced by low level arsenic exposure in fish: role of fish as biomarker of arsenic toxicity.	Dr. Shibnath Mazumder	DU
Understanding the interplay of cytokines and signalling molecules in fish resistant and susceptible to <i>A. hydrophila</i> induced ulcerative disease syndrome (UDS).	Dr. Shibnath Mazumder	DBT

Regulation of heat shock proteins in *Drosophila melanogaster* populations simultaneously selected for faster pre-adult development and late reproduction. Dr. M. Shakarad CSIR

Seminars/Conferences attended

Prof. Rup Lal: Chairperson in a session 'Environmental Microbiology' in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. A.K. Singh, Dr. P. Lata, Dr. N. Sangwan and Dr. R. Lal: 'Hexachlorocyclohexane (HCH) Residue across HCH Dumpsite and Industrial Site'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. A. Nigam, Dr. A. Saxena, Dr. J. Yang, Dr. K. Almabruk, Dr. T. Mahmud, and Dr. R. Lal: 'Genetic manipulations of the Polyketide Synthase (PKS) gene cluster of *Amycolatopsis mediterranei* S699 to produce rifamycin B analogues. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. A. Dua, Dr. J. Malhotra, Dr. A.K. Gupta and Dr. R. Lal: 'Screening of antibiotic producing bacterial isolates against plant pathogen *Agrobacterium tumefaciens* C58'. Poster presented in 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' at Panjab University, Chandigarh, 3-6 November 2011.

Dr. M. Verma, Dr. J. Kaur, Dr. M. Kumar, Dr. K. Kumari, Dr. A. Saxena, Dr. S. Anand, Dr. A. Nigam, Dr. V. Ravi, Dr. S. Raghuvanshi, Dr. P. Khurana, Dr. J.P. Khurana, Dr. A.K. Tyagi and Dr. R. Lal: 'Whole Genome Sequence of the Rifamycin B-Producing Strain *Amycolatopsis mediterranei* S699'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. J. Malhotra, Dr. A. Dua, Dr. N. Sangwan, Dr. D.L.N. Rao and Dr. R. Lal: 'Studying the influence on soil microbial diversity and functional marker gene on addition of high amount of pesticides at agricultural sites'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. N. Sangwan, Dr. P. Lata, Dr. A.K. Singh, Dr. V. Dwivedi and Dr. R. Lal: 'Comparative Gene Centric Analysis to Evaluate the Microbial Community Potential and Participation for HCH (hexachlorocyclohexane) Degradation in Metagenomic Datasets Assembled across Three HCH Contamination Gradients'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. N. Niharika, Dr. P. Sharma, Dr. K. Kumari, Dr. K. Bala, Dr. R. Pandey, Dr. G. Pandey, Dr. C.J. Jackson, Dr. R.J. Russell, Dr. J.G. Oakeshott, Dr. A.K. Uppadhyay, Dr. A.K. Panda and Dr. R. Lal: 'Kinetic and sequence-structure-function analysis of known LinA variants with different hexachlorocyclohexane isomers and purification of LinA from bacterial inclusion body'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. N. Garg, Dr. B. Geueke, Dr. H.P. Kohler, Dr. G. Pandey and Dr. R. Lal: 'Testing Newer Approaches for the Development of Bioremediation Technology for Hexachlorocyclohexane (HCH) Contaminated Sites'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' at Panjab University, Chandigarh, 3-6 November 2011.

Dr. P. Lata, Dr. N. Sangwan, Dr. A.K. Singh, Dr. V. Dwivedi and Dr. R. Lal: 'Changes in Microbial Community Structure Across Three Hexachlorocyclohexane (HCH) Gradients in Soil'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. S. Anand, Dr. P. Lata, Dr. A. Dua, Dr. J. Malhotra, Dr. V. Verma, Dr. J. Kaur, Dr. N. Niharika, Dr. J. Kaur, Dr. A.K. Singh, Dr. A. Saxena, Dr. N. Sangwan, Dr. V. Dwivedi, Dr. U. Mukherjee, Dr. S. Raghuvanshi, Dr. J.P. Khurana and Dr. R. Lal: 'Genome sequence of a Hexachlorocyclohexane (HCH) degrading *Sphingobium indicum* B90A'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. V. Dwivedi, Dr. A. Nigam, Dr. N. Niharika, Dr. N. Sangwan, Dr. N. Garg, Dr. J. Kaur, Dr. M. Verma, Dr. U. Mukherjee, Dr. P. Khurana, Dr. J.P. Khurana, Dr. R. Rajagopal and Dr. R. Lal: 'Genome Sequencing of *Thermus sp.* RLM^T isolated from Hot Spring of Manikaran, India'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. J. Kaur, Dr. N. Niharika, Dr. J. Damborsky and Dr. R. Lal: 'Insertion sequence (IS) mediated Horizontal gene transfer of *linB* into *Novosphingobium barchaimii* UT^T and *Sphingobium baderi* LL02^T - A strategical approach'. Poster presented in the 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. R. Lal: Presented on 'Role on genetics, genomics and metagenomics in developing bioremediation strategies for hexachlorocyclohexane decontamination'. Presented in a session on Genomic tools in Bioremediation at Indo-Finland Workshop at NEERI, Nagpur, 30 November 2011.

Presented on 'Use of Microbes for developing a bioremediation technology for the decontamination of Hexachlorocyclohexane (HCH)'. Presented in a session at a Conference entitled 'International symposium on Current Trends in Environmental Toxicology' held at 31st Annual Conference of Society of Toxicology (STOX), India, 22-24 December 2011.

Presented on 'Biotechnology: Applications, Opportunities and Misconception'. Presented in a National level Seminar entitled 'Scientific Developments for Human Welfare: Promises and Concerns' held at JVMGRR, Bhiwani, 10-11 February 2012.

Presented on 'Metagenomic approach for the remediation of Hexachlorocyclohexane (HCH) from the HCH Dumpsite'. Presented in a session on Biotechnological approaches in urban green spaces management at 1st Biennial International Congress on Urban Green Spaces' at India International Center, New Delhi, 5-7 March 2012.

Presented on 'Metagenomic Approach for the Remediation of Hexachlorocyclohexane (HCH) from the HCH Dumpsite'. Presented in a National symposium on 'Microbes in Health and Agriculture' at School of Life Sciences, JNU, New Delhi, 13 March 2012.

Chaired a session on Assortment of Microbial Consortia at National Symposium on 'Microbes in Health and Agriculture' at School of Life Sciences, JNU, New Delhi, 13 March 2012.

Prof. Umesh Rai: Attended and chaired a session on Immunoendocrinology at National Colloquium on Recent Advances in Cellular and Molecular Endocrinology at Department of Zoology in BHU, Varanasi, 23-25 September 2011.

Attended and chaired a session on Vertebrate Endocrinology at International Symposium on Comparative Endocrinology and Stress Physiology in Trivandrum, Kerala, 16-18 February 2012.

Prof. Rina Chakrabarti: Organized an interactive programme 'Indo-Norwegian Students' Meet' between the students of Fish Biology, Department of Zoology, University of Delhi, India and Norwegian University of Science and Technology, NTNU, Trondheim, Norway, 31 March-1 April 2012.

Attended and presented paper in the Seminar organized by Department of Biology, Norwegian University of Science and Technology, Norway, 18-19 November 2011.

Attended and presented paper in the Conference 'World Aquaculture 2011', at Natal, Brazil, 6-10 June 2011.

Prof. Neeta Sehgal: Proteolysis of yolk proteins and aquaporin play an essential role during oocyte maturation and hydration in freshwater catfish, *Clarias gariepinus*. Paper presented at 7th Asia Oceania Society for Comparative International Symposium on Reproductive Physiology of Fish 7th AOSCE, Kuala Lumpur, Malaysia, 3-7 March 2012.

Differential Expression of Vitellogenin Genes (VgA & VgB) by Hepatocytes of the Indian Freshwater Murrel, *Channa punctatus*, on Exposure to Estradiol. Paper presented at 9th International Symposium on Reproductive Physiology of Fish (9th ISRPF), Trissur, Kochi, 9-14 August 2011.

Prof. Vinod Kumar: Society for Integrative and Comparative Biology, S. Carolina, USA, January 2012.

National Symposium on Chronobiology, Jodhpur, March 2012.

Prof. R.K. Seth, Dr. M. Zarin and Dr. Zubeda: Efficacy of gamma radiation as phytosanitary treatment against the Solenopsis mealybug, *Phenacoccus solenopsis*. Second Research Co-ordination Meeting on CRP, 'Development of generic irradiation doses for quarantine treatment', Texas A&M University College Station, Texas, 11-15 April 2011.

Dr. M. Zarin, Dr. Ranjana Seth, Dr. Zubeda, and Prof. R.K. Seth: Bioefficacy of gamma radiation on *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae). In: 'International Conference on Emerging Frontiers and Challenges in Radiation Biology', Bikaner, 24-25 January 2012.

Influence of ionizing radiation on flight activity of F-1 progeny of sub-sterilized male moths of *Spodoptera litura* (Fabr.) [Lepidoptera: Noctuidae]. In: 'International Conference on Emerging Frontiers and Challenges in Radiation Biology', Bikaner, 24-25 Jan. 2012.

Prof. R.K. Seth: Invited Talk 'Nuclear Technology in Pest Management'. In: 'International Conference on Emerging Frontiers and Challenges in Radiation Biology', Bikaner, 24-25 January 2012.

Plenary lecture 'Application of Nuclear Technology in Insect Pest Management in India: An Ecologically Sound Approach'. In: 'International Conference on Entomology' at Punjabi University, Patiala, 17-19 February 2012.

Dr. D.K. Singh: (i) Seasonal variations in the microbial diversity of Yamuna river soil in Delhi and NCR regions, (ii) Endosulfan induced alteration in expression of total RNA level and protein profile of *Klebsiella* sp. M3, (iii) Accelerated degradation of α - and β - endosulfan

by *Ochrobactrum pseudintermedium* strain R2 using cell free extract, (iv) Effect of Bt-endotoxin in the activity of Alkaline phosphatase enzyme of earth worm *Eisenia foetida*, (v) Exploring the microbial diversity of soil along polluted river by 16S rDNA cloning, (vi) Study of 16S rDNA and *amoA* functional gene diversity of Yamuna river soil, India, 52th Annual Conference of the Association of Microbiologists of India entitled 'International Conference on Microbial Biotechnology for Sustainable Development' held at Panjab University, Chandigarh, 3-6 November 2011.

Dr. Rita Singh: Invited speaker, '*Proteomic profiling of Lung Cancer Specific Plasma Proteins: Novel diagnostic strategy for environmentally exposed Male Lung Cancer Patients*' 6th International Conference on Environmental mutagens in Human Populations, Doha, Qatar, 26-29 March 2012.

Invited speaker, '*PI3K/AKT dependent and independent pathways in the Regulation of Glycogenesis by Follicle Stimulating Hormone in Granulosa Cells*' International Conference on Reproductive Health with Emphasis on Strategies for Family Planning and 22nd Annual Meeting of the Indian Society for the Study of Reproduction and Fertility ICMR, New Delhi, 19 -21 February 2012.

Member, Participant, American Association for Cancer Research International Conference on New Horizons in Cancer Research: Biology to Prevention to Therapy The Leela Kempinski Gurgaon, Delhi, 13 -16 December 2011.

Invited speaker, '*The susceptibility gene expression profiles in Granulosa cells of Women with Polycystic Ovary Syndrome*' 15th All India Congress of Cytology and Genetics and Forgarty International Workshop, Department of Botany, Magadh University, Bodhgaya, 21 -23 November 2011.

Invited speaker, '*Expression of Diabetes susceptibility genes in Granulosa Cells of Polycystic Ovary Syndrome (PCOS) Women with and without Insulin Resistance: Potential Biomarkers for PCOS Patients*' 7th Annual National Conference of Indian Fertility Society (IFS): Infertility and Assisted Reproductive Technologies India Habitat Centre, New Delhi. 17-18 December 2011.

Dr. Namita Agarwal: Modification of Serines in Httex1p suppresses Huntington's disease (HD) pathogenesis in *Drosophila*. '52nd Annual Drosophila Research Conference, 2011 San Diego, Ca, USA by Genetics Society of America.

'Identification of benzamide-class HDAC inhibitors with efficacy in preclinical models of Huntington's Disease'. Neuro Science 2011, Washington, DC, USA

Dr. Shibnath Mazumder, Dr. R. Goswami, Dr. D. Ghosh, Dr. T. Majumdar, Dr. D.R. Saha and Dr. P.K. Padhy: Effect of arsenic on growth, structure and virulence of *Aeromonas hydrophila*. 10th International Symposium on *Aeromonas* and *Plesiomonas*. Galveston, TX 77554, USA, 19-21 May 2011.

Publications

Lee, J., Majumder, S., Chatterjee, S. and Muralidhar, K. Inhibitory activity of the peptides derived from buffalo prolactin on angiogenesis. *J. Biosci* 36 (2) 341-354.

Yadav, N., Dixit, S.K., Bhattacharya, A., Mishra, L.C., Sharma, M., Awasthi, S.K. and Bhasin, V.K. 2012. Antimalarial Activity of Newly Synthesized Chalcone Derivatives In *Vitro*. *Chem Biol Drug Des.* 2012 March 16. doi: 10.1111/j.1747-0285.2012.01383.x.

Dixit, S.K., Mishra, N., Sharma, M., Singh, S., Agarwal, A., Awasthi, S.K. and Bhasin, V.K. 2012. Synthesis and in vitro antiplasmodial activities of fluoroquinolone analogs. *Eur J Med Chem.* 2012 May; 51:52-9. Epub 2012 Feb. 21.

Mallick, P.K., Joshi, H., Valecha, N., Sharma, S.K., Eapen, A., Bhatt, R.M., Srivastava, H.C., Sutton, P.L., Dash, A.P. and Bhasin, V.K. 2012. Mutant pfcr1 'SVMNT' haplotype and wild type pfmdr1 'N86' are endemic in Plasmodium vivax dominated areas of India under high chloroquine exposure. *Malar J.* 2012 Jan. 11;11:16.

Malhotra, J., Anand, S., Jindal, S., Rajagopal, R and Lal, R. 2012. *Acinetobacter indicus* sp. nov., isolated from hexachlorocyclohexane (HCH) dumpsite. *Int J Syst Evol Microbiol.* 10.1099/ijs.0.037721-0.

Verma, M., Kaur, J., Kumar, M., Kumari, K., Saxena, A., Anand, S., Nigam, A., Ravi, V., Raghuvanshi, S., Khurana, P., Tyagi, A.K., Khurana, J.P. and Lal, R. 2011. Whole Genome Sequence of Rifamycin B Producing *Amycolatopsis mediterranei* S699. *J. Bacteriol.* 193, 5562-5563.

Gautam, S. and Singh, A.K. 2011. Behavioural interaction of *Chrysoperla carnea* and *Mallarda desjardinsi* (Neuroptera:Chrysopidae) against *Phenococcus solenopsis* Tinsley J. *Biol. Control* 25 (4) pp. 245-250 (Homoptera:Pseudococcidae).

Panda, P., Suar, M., Singh, D., Pandey, S.M., Chaturvedi, M.M., and Purohit, J.S. Characterization of nuclear glutamate dehydrogenase of chicken liver and brain. *ProteinPeptLett.* 2011 Dec 1;18(12):1194-203. PubMed PMID: 21728989.

Aggarwal, B.B., Prasad, S., Reuter, S., Kannappan, R., Yadav, V.R., Park, B., Kim, J.H., Gupta, S.C., Phromnoi, K., Sundaram, C., Prasad, S., Chaturvedi, M.M. and Sung, B. Identification of novel anti-inflammatory agents from Ayurvedic medicine for prevention of chronic diseases: 'reverse pharmacology' and 'bedside to bench' approach. *Curr Drug Targets.* 2011 Oct;12(11):1595-653. PubMed PMID: 21561421; PubMed Central PMCID:PMC3170500.

Chaturvedi, M.M., Sung, B., Yadav, V.R., Kannappan, R. and Aggarwal, B.B. NF- κ B addiction and its role in cancer: 'one size does not fit all'. *Oncogene.* 2011 Apr 7;30(14):1615-30. Epub 2010 Dec. 20. Review. PubMed PMID: 21170083; PubMed Central PMCID: PMC3141287.

Kumar, S. and Rai, U. Dynorphin regulates the phagocytic activity of splenic phagocytes in wall lizards: involvement of a δ -opioid receptor-coupled adenylate-cyclase-cAMP-PKA pathway. *J Exp Biol.* 2011 Dec 15;214(Pt 24):4217-22.

Immunomodulatory role of substance P in the wall lizard *Hemidactylus flaviviridis*: an in vitro study. *Neuropeptides.* 2011 Oct;45(5):323-8. Epub 2011 Jul 23.

Kumar, S., Ghorai, S.M. and Rai, U. δ -Endorphin inhibits phagocytic activity of lizard splenic phagocytes through δ receptor-coupled adenylate cyclase-protein kinase A signaling pathway. *Gen Comp Endocrinol.* 2011 May 1;171(3):301-8. Epub 2011 Feb 23.

Dhall, M., Chaturvedi, M.M., Rai, U. and Kapoor, S. Sex-dependent effects of the UCP1 – 3826 A/G polymorphism on obesity and blood pressure. *Ethnicity and Disease, Vol. 22, Spring 2012.*

Soundararajan, R., Prabha, P., Rai, U. and Dixit, A. Anti-leukemic potential of *Momordica charantia* seed extracts on human myeloid leukemic HL60 cells. *Evidence-Based Complementary and Alternative Medicine (eCAM).*

Srivastava, P.K. and Chakrabarti, R. 2012. Effect of dietary supplementation of seed of *Achyranthes aspera* on the immune system of *Labeo rohita* fry. *Israeli Journal of Aquaculture - Bamidgeh (IJA): 64.2012.786).*

Verma, N., Chakrabarti, R., Das, R.H. and Gautam, H.K. 2012. Anti-inflammatory effects of Shea butter through inhibition of iNOS, COX-2 and cytokines via the Nf-Kb pathway in Lps-activated J774 macrophage cells. *Journal of Complementary and Integrative Medicine (The Berkely Electronic Press, DOI: 10.1515/1553-3840.1574).*

Chakrabarti, R. and Rao, V.Y. 2012. *Achyranthes aspera* enhances the immunity and antigen clearance in common carp *Cyprinus carpio*. *Journal of Fish Diseases (Wiley-Blackwell) 35: 389-392.*

Chakrabarti, R., Srivastava, P.K., Kundu, K., Khare, R.S. and Banerjee, S. 2012. Evaluation of immunostimulatory and growth promoting effect of seed fractions of *Achyranthes aspera* in common carp *Cyprinus carpio* and identification of active constituents. *Fish & Shellfish Immunology (Elsevier B. V.) 32: 839-843.*

Aggarwal, A., Misro, M.M., Maheshwari, A. and Sehgal, N. 2012. Differential modulation of apoptotic gene expression by N-acetyl-l-cysteine in Leydig cells stimulated persistently with hCG in vivo. *Molecular and Cellular Endocrinology, 348: 155-164.*

Suman, S., Seth, R.K. and Chandna, S. 2011. A calcium-insensitive attenuated nitrosative stress response contributes significantly in the radioresistance of Sf9 insect cells. *TheInternational Journal of Biochemistry & Cell Biology 43: 1340– 1353. (Impact factor: 4.009).*

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Singh, N.S. and Singh, D.K. 2011. Biodegradation of endosulfan and endosulfan sulfate by *Achromobacter xylosoxidans* strain C8B in broth medium. *Biodegradation* 22(5):845-857, DOI: 10.1007/s10532-010-9442-0.

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Banerjee, C., Goswami, R., Verma, G., Datta, M. and Mazumder, S. 2012. *Aeromonas hydrophila* induced head kidney macrophage apoptosis in *Clarias batrachus* involves the activation of calpain and is caspase-3 mediated. *Dev Com Immunol* doi:10.1016/j.dci.2012.02.005.

Banerjee, C., Goswami, R., Datta, S., Rajagopal, R. and Mazumder, S. 2011. Arsenic-induced alteration in intracellular calcium homeostasis induces head kidney macrophage apoptosis involving the activation of calpain-2 and ERK in *Clarias batrachus*. *Tox.Appl. Pharmacol.* 256, 44-5.

Chandrashekara, K.T. and Shakarad, M. 2011. Aloe vera or resveratrol supplementation in larval diet delays adult aging in the fruit fly, *Drosophila melanogaster*. *Journal of Gerontology.* doi:10.1093/gerona/qlr103.

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Singhal, J., Agrawal, N., Vashishta, M., Gayatri, P.N., Tiwari, B.K., Singh, Y., Rajagopal, R. and Natarajan, N. 2012. Suppression of Dendritic Cell Mediated Responses by Genes in the Calcium and Cysteine Protease Pathways During Mycobacterium tuberculosis Infection. *J. Biol. Chem.* <http://www.jbc.org/cgi/doi/10.1074/jbc.M111.300319>.

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Banerjee, C., Goswami, R., Datta, S., Rajagopal, R. and Mazumder, S. 2011. Arsenic-induced alteration in intracellular calcium homeostasis induces head kidney macrophage apoptosis involving the activation of Calpain 2 and ERK in Clarias batrachus. *Toxicol. Appl. Pharmacol.* 256: 44-51. doi:10.1016/j.taap.2011.07.007.

Book/Chapters

Singh, D.K. 2012. Series Title: Toxicology : Agriculture And Environment'.

Vol. 1: Pesticide Chemistry And Toxicology ISSN: 2211-2952 eISBN: 978-1-60805-137-3, 2012, Bentham Science Publishers, USA.

Chattopadhyay, P., Mazumder, S. and Saha, D.R. Unpacking the virulence plasmid of bacteria:role inapoptosis and disease establishment Lambert Academic Publishing GmbH & Co. (USA/UK).

FACULTY OF LAW

LAW

Ph.D. Degrees awarded

Ph.D. - 8

New Additions

Mr. Siddhartha Mishra - Assistant Professor

Ms. Neha - Assistant Professor

Appointments of faculty members to higher Posts/Assignments

Dr. Anupam Jha: Appointed as Associate Professor at the Sikkim University.

Seminar/Conference held

International Conference on Contribution of International Environment Law for Sustainable Development: Global and National Perspectives was organized by the Faculty of Law on 17-18 February 2012.

Publications

Books

Singh, G. and Ahuja, V.K. 2012. (eds.), *Human Rights in 21st Century: Changing Dimensions*, Delhi: Universal Law Publishing Co.

Singh, G. 2011. *International Law*, (Macmillan, 2003, Reprinted 2009, 2nd Edition.

Research Articles

The Faculty has been publishing a journal titled Delhi law Review since 1972. The Journal contains articles from eminent academicians from India and abroad. The Faculty is also publishing a separate issue of Delhi Law Review containing contributions from the students.

LAW CENTRE – I

Major Activities

The foreign dignitaries, HE Mr. Eirikson of Iceland and Mr. Patrick of Germany complemented India as a user friendly country in IP matters and called for academic exchange programs between two countries for common benefit. The high profile IP attorneys Mr. Amarjit Singh, Mr. Hari Subramanian, Mr. Sanjay Jain, Mr. Pravin Anand, Mr. Hemant Singh, Ms. Pratibha Singh and Mr. Ameet Datta spoke at length on the functional aspects of IP litigations. Celebrated academicians Prof. M.P. Singh, Mr. Rakesh Munjal, Prof. M.K. Bhandari highlighted the growing significance of Rule of Law, Governance in legal education.

On 5 January 2012 a Special Lecture was delivered by Ms. Teresa Rea, Deputy Under Secretary of Commerce for IP and Dy. Director of the USPTO on America Invents Act, 2011. On 23 January 2012, a Special Address on European Competition Law was given by Prof. Poillot Peruzzetto Sylviane Professor of Law, University of Toulouse 1, France.

Seminars/Conferences held

International Conference & Workshop on Intellectual Property Rights, 24-25 February 2012.

Prof. Ashwani Kr. Bansal: Delivered the Keynote address in International Conference on IPRs, 24 February 2012.

Chaired a session in the International Conference on Contribution of International Environmental Law for Sustainable Development: Global and National Perspectives, organized by the Faculty of Law, University of Delhi, 17-18 February 2012.

Delivered the Keynote address in Advanced Level Workshop on IPRs, in presence of AK Sikri CJD at Law Centre I, Delhi University, 25 February 2012.

Delivered the Keynote address in Seminar on 'Emerging Trends in Jurisprudence and Social Justice' at GNDU Amritsar, 4 February 2012.

Dr. Ved Kumari: Chaired a session in the 'International Conference on Environmental Law' organised by Faculty of Law, University of Delhi, 17-18 February 2012.

'Judicial Activism on Child Rights' in the International Colloquium on Child and Governance organised by Haq, 9-11 November 2011.

Keynote Address on "Juvenile Justice Challenges" in 9th IPSCAN Asia Pacific Conference on Child Abuse and Neglect, 6-9 October 2011.

Workshop with Enakshi Ganguli Thukral on "JCL Challenges and the Way Ahead" in 9th IPSCAN Asia Pacific Conference on Child Abuse and Neglect, 6-9 October 2011.

Workshop with Prof. Amari Omaka (Nigeria) on "Addressing Bias in Legal Education to Promote Justice" in the 6th International Conference of Global Alliance for Justice Education held in Spain, July 2011.

"Judicial Colloquium on Children's Courts", organised by NLSUI, Bangalore in collaboration with Law Commission of India and UNICEF, 26 February 2012.

Chaired sessions and presented papers on "Women, Family and Law" and Violence against Women" in the National Conference on Gender and Law organised by the Andhra Pradesh University, Vishakhapatnam, 17-18 September 2011.

Resource person in the National Conference on “Access to Justice: What it means to the Child”, organised by the National Legal Services Authority for judges and others involved in administration of Juvenile Justice from all over India, August 2011.

Workshop on “Teaching Gender: Roadblocks and Strategies” in International Conference on Feminism and Law, organised by ILS Law College, Pune, 10-12 February 2012.

Workshop on “Juvenile Justice Act: Critical Issues” for Principal Magistrates of Bihar organised by Bihar Judicial Academy in collaboration with UNICEF, 25 September 2011.

Pushpa Kumar L: Presented paper on “Contribution of International Environmental Law for Sustainable Development: Issues and Challenges” in the International Conference on Contribution of International Environmental Law for Sustainable Development: Global and National Perspectives, organized by the Faculty of Law, University of Delhi, 17-18 Feb. 2012.

Presented a paper on “Nagoya Protocol on Access and Benefit Sharing and its IPR Interface” in the International Conference on Intellectual Property Rights, organized by the Law Centre-I, Faculty of Law, University of Delhi, 24-27 February 2012.

Dr. P.B. Pankaja: Participated in International Conference on Contribution of International Environmental Law for sustainable Development: Global and National Perspectives, organised by Faculty of Law, University of Delhi, 17-18 February 2012.

Participated in International Conference on Legal Aid: Catalyst for Social Change, organised by Legal Aid Society, Campus Law Centre, Faculty of Law, University of Delhi, 17 March 2012.

Dr. Suman: Participated in International Conference on ‘Contribution of International Environmental Law for Sustainable Development: Global and National Perspective’, organised by Faculty of Law, University of Delhi, 17-19 February 2012.

Dr. Poonam Das: Presented a paper titled Trade Marks Issues in Cyberspace in Advanced Level Workshop on Intellectual Property organised by Law Centre-I, Faculty of Law, 26-27 February 2012.

Publications

Books

Bansal, A.K. 2012. (1st ed.) *Design Law in India*, Delhi: Universal Book Publishers.

Pankaja, P.B. 2012. (1st ed.) *Industrial Policies in India – Constitutional Vision of Socialism*, Company Law Journal (India) Private Limited, New Delhi.

Research Articles

Bansal, A.K. 2011. Intellectual Property Rights: Insights for Action, *Journal of Law Teachers of India*, Vol. II.

Kumari, V. 2012. Legal Aid Clinics in Law Schools: Ensuring Sustainability and Professionalism. In *Legal Aid: Catalyst for Social Change* (ed) Mittal, R. and Sreemithun, K.V. Satyam Law International.

2012. Juvenile Justice vis-à-vis Criminal Justice System – Relationship and Status. In *Crime and Criminal Justice in Asia* (ed Thilagraj, R. et al) Mittal Publication.

Kumari, V. and Sunde, B. 2011. The Role of Law Schools in Educating Judges to Increase Access to Justice, 24 (1) *Pacific McGeorge Global Business and Development Law Journal*.

Das, P. 2011. Interface between trademarks and Domain Names – Legal Challenges in India. In *WIPO-WTO Colloquium Research Papers 2010* Joint publication by WIPO and WTO Geneva, Switzerland.

Kaur, S. 2011. Principle of Proportionality: A Ground of Judicial Review, *Journal of Law Teachers of India*, Vol. II.

Pankaja, P.B 2012. Human Rights in 21st Century – Challenges and paradigm shifts. In *Human Rights*, New Delhi: Universal Publication.

Suman, 2011. Terrorism and Violation of Human Rights in Jammu and Kashmir. In *Human Rights in India: Theory and Practice* (ed) Justice Anand, A.S. and Afonso, A.V. Indian Institute of Advanced Study, Rashtrapati Niwas, Shimla.

Singh, C.K. 2011. Jurisprudential Analysis of Rights: Claim and Duty Re-examined, *Journal of Law Teachers of India*, Vol. II.

LAW CENTRE-II

Major Activities

Law Centre-II organized an Orientation Programme at the opening of new Session in July 2012, which was inaugurated by Hon'ble Mr. Justice A.K. Sikri, Acting Chief Justice of Delhi High Court. Hon'ble Justice Mukta Gupta, Judge of Delhi High Court also addressed the students. The well-known tax experts of the country made a critical analysis of the Budget and delivered lectures on the proposed changes in the direct tax and service tax.

Prof. Sonia Harris Short from Birmingham Law School, Birmingham University delivered a lecture on Diversity in Legal Profession at Law Centre-II. The students of Law Centre-II brought laurels to Law Centre-II by winning various moot court competitions.

Appointments of faculty members to higher Posts/Assignments

Dr. Anupam Jha: Appointed as Associate Professor at the Sikkim University.

Seminars/Conferences held

All the faculty members of LC-II participated and many of them presented papers in the International conference on Contribution of International Environmental Law for Sustainable Development: Global and National Perspectives organized by the Faculty of Law, University of Delhi, 17-18 February 2012.

Seminars/Conferences attended

Dr. V.K. Ahuja: Presented a paper on *Non-Traditional Trade Marks* in International Conference on Intellectual Property Laws organized by Law Centre-I.

Dr. Shabnam Mahlawat: Presented a paper on *Aarhus Convention 1998 – A Sui Generis with International Acceptability* in International Conference on Contribution of International Environmental Law for Sustainable Development: Global and National Perspectives organized by the Faculty of Law, University of Delhi, 17-18 February 2012.

Dr. Vageshawari Deswal: Presented a paper on *Oil Spill: A Stumbling Block to Sustainable Development* in International Conference on Contribution of International Environmental Law for Sustainable Development: Global and National Perspectives organized by the Faculty of Law, University of Delhi, 17-18 February 2012.

Publications

Research Articles

Ahuja, V.K. 'Human Rights and Intellectual Property Rights' in Singh, G. and Ahuja, V.K. (eds.), *Human Rights in 21st Century: Changing Dimensions*, Delhi: Universal Law Publishing Co., 2012, pp. 677-80.

Deswal, V. Human Rights of 'Juveniles in Conflict with Law' in Singh, G. and Ahuja, V.K. (eds.), *Human Rights in 21st Century: Changing Dimensions*, Delhi: Universal Law Publishing Co., 2012, pp. 314-26.

Singh, G. 'International and National Measures of Implementation of Human Rights' in Singh, G. and Ahuja, V.K. (eds.), *Human Rights in 21st Century: Changing Dimensions*, Delhi: Universal Law Publishing Co., 2012, pp. 465-92.

Singh, M.K. 'Evaluation of Human Rights in India: Jurisprudential Perspective' in Singh, G. and Ahuja, V.K. (eds.), *Human Rights in 21st Century: Changing Dimensions* (Delhi: Universal Law Publishing Co., 2012), pp. 29-45.

FACULTY OF EDUCATION

EDUCATION

Major Activities

Representatives from several Faculties of Education visited the Department this year to promote academic exchanges and explore areas of cooperation between Delhi University and the respective Universities. Some of the institutions represented were University of Edinburgh, Rossier School of Education, University of Southern California, Taiwan University, The School of Education, Sterling University, and the University of Calicut.

The Regional Resource Centre for Elementary Education, as part of the University School Resource Network at Delhi University provides diverse platforms for the professional development of teacher practitioners and student-teachers through its various programmes. In its public lecture series it invited Dr. Uma Chakravarti to deliver a talk on the theme 'New Conjuality and its Discontents: Mixed Legacies for Women's Education'.

Ph.D./M.Phil. Degrees awarded

Ph.D. - 6
M.Phil. - 2

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
'Looking at Teacher Diaries', to understand what teacher diaries reveal in relation to the stage of their professional development.	Prof. Rama Mathew	British Council
How did I develop? A College Teacher's experience of CPD'. A narrative inquiry into the experience of teachers who are involved in the development of different aspects of the English Language Proficiency Course of Delhi University.	Prof. Rama Mathew	British Council
Deconstructing the Psychosocial World of Street Children: Implications for their Education and Well Being.	Prof. Namita Ranganathan	R&D Scheme DU
Teachers' Handbook for Secondary Level Economics.	Dr. Manju Agarwal	R&D Scheme DU
Understanding Probability: A Pedagogic Endeavour.	Dr. Haneet Gandhi	R&D Scheme DU

Development of Content to understand the Issues, Problems and Challenges of Marginalized Groups. Mr. Sandeep Kumar R&D Scheme DU

Regional Resource Centre (RRC) for Elementary Education is part of the University School Resource Network. Prof. Poonam Batra Sir Ratan Tata Trust

Seminars/Conferences attended

Prof. Rama Mathew: Part of the Organising Team of the second annual and first International Conference of ELTAI- D (English Language Teachers' Association of India- Delhi Chapter) on Reflective Teaching Practices in ESL Classrooms, 7-9 October 2011.

Served as a Resource Person at the National Workshop on Doing Research in ELT: Methodologies, applications and Challenges at Loyola College, University of Madras, Chennai, 1-2 December 2011.

Conducted a one day National Workshop on *Good Practices in the Language Classroom: Strategies for effective language development in large classes* for teachers at the Department of ELT, Guwahati University, Guwahati, 21 January 2012.

Invited Panelist in the panel discussion on *Programme Evaluation* at the Second International Conference on Assessing and Evaluating English Language Teacher Education, Teaching and Learning, organized by the British Council and the EFL University, Hyderabad, 3-5 March 2012.

Presented a paper (along with 10 other teachers) on *Diary writing as a tool for professional development* at the Second International Conference on Assessing and Evaluating English Language Teacher Education, Teaching and Learning, organized by the British Council and the EFL University, Hyderabad, 3-5 March 2012.

Plenary Speaker at the V International TED ELT Conference (Empowering the learner: Linking assessment to learning) on *Monitoring Learner Progress: Tasting the soup (!)* held at Istanbul, Turkey, 24-25 March 2012.

Prof. Anita Rampal: Seminar presentation on '*Education for Sustainable Development in Indian Schools: From Curriculum to Textbooks*' at the Advanced International Training Programme, Centre for Education Environment, Ahmedabad.

Presentation on '*Implementing the Right to Education Act*' at the Induction Training Programme for IAS Officers, LBS National Academy of Administration, Mussoorie.

Plenary Talk on '*Curriculum and Pedagogy in Elementary School Mathematics: Issues and Challenges*', National Initiative on Mathematics Education, Northern Region Conference, IIC, New Delhi.

Seminar presentation '*Texts to Tease: Border Crossing, Learning from Discontent*' at the International Seminar on Creating Content (ment) for Children, IDC, IIT, Mumbai.

Plenary Address '*Theatre and Education*' at the National Conference on Theatre for Young Audiences: Concept, Need and Possibilities, Assitej, India International Centre.

Valedictory Address on *The Right to Education*, at the National Workshop on Management of Rights of Children to Education, NUEPA.

Presentation on '*Role of State and Engagement with the Community*' in the National Workshop on 'State Partnership with Civil Society in Education: Focus on Urban Areas', NUEPA.

Participated and Chaired a session in the '*International Conference on Access to Schooling*', NUEPA.

Chaired a session in the '*National Seminar on the History and Cultural Aspects of Mathematics Education*', IGNOU.

Prof. Namita Ranganathan: Participant in the '*Think tank on Act, Culture and Society in Asia*' at Asian Development Bank Conference, Ha Noi, Vietnam, April 2011.

Prof. S.R. Mittal: Attended and presented a paper '*A Critical Evaluation of Teaching Braille in Existing Teacher Training programmes in India*' in World Conference on Braille, Leipzig, Germany, 27-30 September 2011.

Dr. P. Mohan Raju: Presented a paper titled '*Continuous and Comprehensive Evaluation (CCE) in a sample of Government Schools in Delhi - A Perceptual Audit*' in the National Conference on Recent Trends in Assessment at School Stage, organised by the National Council of Educational Research and Training, 21-23 March 2012.

Dr. Nirupma Jaimini: Invited Speaker by Indian Youth Congress, National Council for Science and Technology Communication, on the theme, '*Science Teachers of Tomorrow: Changing Paradigms*', November 2011.

Dr. Pankaj Arora: Participated in Multicentric National level study findings dissemination workshop of the study entitled: '*Adolescent Reproductive and Sexual Health: An Intervention Study*' organized by National AIDS Research Institute, Pune, July 2011.

Dr. Manju Agarwal: Presented a paper titled '*Need for Curriculum Change: Preferences of Students*' in Second IOCES International Conference, Maldives.

Presented a paper titled '*Need for Life Skills' Education in Economics*' at National Conference on Life Skill Education in Teacher Education, organized by Kamal Institute of Education and Management, Delhi.

Presented a paper titled '*Ethical Considerations in Economic Education*' at the National Conference organized by LDIM Education, Delhi.

Presented a paper titled '*Establishing Inter-Institutional Linkages for Professional Growth of Teachers*' at the National Conference on Challenges in Teacher Education by College of Education, Jammu.

Dr. D. Parimala: Participated and presented a paper '*Disarray in Institutional Governance*', in International Conference on Institutional Governance organized by Tribhuvan University, Kathmandu, Nepal, June 2011.

Paper presented on '*Women in Development: A South East Asia Perspective*' International Conference Asia specific Atlantic Conference, USA, October 2011.

Participated in International Workshop on '*Gender Mobility: Asia*' in Iceland, October 2011.

Shri Sandeep Kumar: Presented paper on 'Where is the space', presented in a National Conference in Kerala, January 2012.

Shri Vinod Kumar Kanvaria: Capacity and life skills building: Law, practices and ground realities for welfare of scheduled castes and scheduled tribes. Presented paper as a Resource Person in National Workshop, A.& C.E. Department, University of Delhi.

Challenges in teacher education: ICT as a transformation tool. Paper presented as a Resource Person in National Seminar on Teacher Education in the Global Era, TIST, UP.

Innovative teaching strategies for participatory learning: A reflection on classroom practices. Presented paper as a Resource Person in National Seminar on Innovative Practices in Teaching for Grooming of Upcoming Professionals, S.B.D.C., UP.

Right to education: A brief overview of issues, challenges and strategies. Presented paper in National Seminar on Right to Education, Punjabi University Regional Center, Punjab.

Environmental pollution and sustainable development: Statuary realities and scientific challenges. Presented paper in National Seminar on Environmental Pollution and Sustainable Development, N.M.L.P.G.C., Rajasthan.

Inclusive education: A conceptual framework for comprehensive social development. Presented paper as a Resource Person in National Conference on Inclusive Education, L. L.D.I.M.S., New Delhi.

Educational psychology: A way-out for innovative teaching-learning. Presented paper in International Seminar on Educational Psychology, Haryana.

Shri Ashish Ranjan: Presented a paper on the theme '*Globalization of Education: Convergence towards a World Culture of Schooling*' in the Annual Conference of The Indian Ocean Comparative Education Society at Male, Maldives, September 2011.

Dr. Haneet Gandhi: Participated in the National Seminar on the History and Cultural Aspects of Mathematics Education, organized by IGNOU, December 2011.

Publications

Arvind, G.R. 2011. 'Colonialism, Modernism and Neo-liberalism: Problematising Education in India' in Yong Zaho et al (eds), *Handbook of Asian Education: A Cultural Perspective*, Chapter 28. New York: Routledge, Francis and Taylor Group.

कंवरिया, वि.कु. (2011) गणित के शिक्षण प्रशिक्षण में पावरपाइंट-प्रस्तुतीकरण के अनुप्रयोग हेतु 'सोपानी प्रारूप' पर एक प्रयोग', वरिमा: शोध-पत्रिका, 2, सितंबर।

Kanvaria, V.K. and Sharma, D. 2011. *Evaluating a Textbook: A Case of Class IX Mathematics*. Sarabuchen, Germany: Verlag Dr. Muller.

Kanvaria, V.K. 2011. Technology enhanced capacity building: Web 2.0 tools for in-service teacher education. *Staff and Educational Development International*, 15(2), 135-141.

ICT in pedagogy of mathematics (Web 2.0 Module). In H.K. Senapaty (Program co-ordinator) *ICT Integration of Pedagogy for Teacher Educators*. Bhubaneswar: RIE, NCERT.

2012. 'Challenges and innovative techniques in open and distance learning: A case study'. *Journal of Advanced Social Research*, 2(1), March, 1-10.

2012. 'Googling the group: Teacher education through ICT'. *American Academic & Scholarly Research Journal*, 4(2), March, 99-113.

Kumar, K. 2011. 'Education after Freedom: Looking Back at the 1950s', Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata.

2011. 'Teaching and the Neo-Liberal State', *Economic and Political Weekly*, 46: 21.

Kumar, S. 2011. 'Curriculum Construction for Sustainable Development: A Situated Cognition Perspective', in *Educational Quest-A International Journal for Education and Applied Social Sciences*, 2: 1, pp. 57-62.

2011. 'How Emotionally Intelligent are Teacher Educators', LAP Lambert Academic Publishing, Germany.

2011. 'Role of Socio-Cultural Context in Process of Concept Development' in 'Innovative Educational Methods', Delhi: New Delhi Publisher.

Mathew, R. 2011. 'Meaning Making through Stories for Young Learners' (with other symposium presenters). In Pattison, T. (ed.), *IATEFL 2010, Harrogate Conference Selections*, pp. 219-223.

Mathew, R. and Srivastava, S. 2011. Book Review of *English Next India: The Future of English in India* by D. Graddol. In *ELT Journal* 65/3, 2011, pp. 356-359.

Mathew, R. 2012. Understanding washback: A case study of a new exam in India'. In C. Tribbble (ed.) *Managing Change in English Language Teaching: Lessons from Experience*, London: British Council, pp. 193-200.

2012. *A Learner Centred Classroom*, In Sharma, S. (ed.) *A Resource Book for Teachers on Right to Education*, Delhi: NCERT.

Parimala, D. 2011. (ed.) 'Diversity in Teacher Education: a Global Perspective', New Delhi.

Ranganathan, N. 2012. *Education for Mental Health*, New Delhi: Shipra Publications.

Ranjan, A. 2011. 'Teaching of Social Science: History, context and challenges in Contemporary Trends in Education' in *A Handbook for Educators*, New Delhi: Pearson.

FACULTY OF SOCIAL SCIENCES

AFRICAN STUDIES

Major Activities

The Department received Hashim Mbita Project, sponsored by Southern Africa Development Community (SADC) to work on India, NAM and its role in the liberation of Southern Africa. The main thrust of the Department is to carry out inter-disciplinary research and set up the following Study Groups such as India African Relation, Group on South Africa, Human Rights and Refugees and Sudan Study Units.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	2
M.Phil.	-	3

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Geopolitics Federalism: A Vision of North and South Sudan.	Dr. Suresh Kumar	University of Delhi

Seminar/Conference held

National Seminar on 'Africa Renaissance: From Movement, Democracy to Development' 24-25 January 2012.

Seminars/Conferences attended

Dr. Suresh Kumar: Two decades of Democracy, organized by CODESRIA. Dakar, Senegal, 20-22 June 2011.

4th European Conference on African Studies, Uppsala, Sweden, 15-18 June 2011.

International Conference on 8th Conclave on India-Africa Project Partnership 2011, Taj Palace, New Delhi organized by African Development Bank, Ministry of Commerce and Industry, Ministry of External Affairs, Govt. of India, Confederation of Indian Industry, Delhi and EXIM Bank of India, 18-20 March 2012.

National Conference Africa Renaissance: From Movement, Democracy to Development, organized by Centre for African Studies, University of Delhi, 24-25 January 2012.

Dr. A.S. Yaruigam: National Conference attended at Jawaharlal Nehru College, 27 September 2011.

National Conference attended at Jawaharlal Nehru College, 12 October 2011.

Publications

Chapters

Kumar, S. 2012. Right to Residence and Ethical Violation of Human Rights: A Case Study of an Employee of University of Delhi in Mehartaj Begum. *Human Rights in the Millennium*. Delhi: APH Publishing Corporation. (ISBN 978-81-313-1440-1).

Rao, K.S. and Kumar, S. 2011. Women in Formal Business Sector Employment in Eritrea: in Economic Turbulence: Shifts in Business Strategies and Practices. Himalaya Press. (ISBN 978-93-5024-817-1).

Articles

African Studies in India: Its Renaissance and New Focus Areas, *Indian Journal of African Studies*. Vol. XVI. April & October 2011. No. 1 &2 (Published in January 2012).

The Role of India in Agricultural Development in Ethiopia, *Diplomatist*, October 2011.

India's Role in Infrastructure Sector in Ethiopia, *Diplomatist*, September 2011.

India-Africa Summit 2011:A Bod Stride in African Safari, *Diplomatist*, July 2011.

Post 1990s Democratic Winds of Change: Blowing from South to North. *Africa Quarterly*, May 2011.

Agriculture as an Emerging Sector: Mutual Interests of India and Africa. *African Review*. Mumbai. April 2011.

Energy and Power as an Emerging Sector: Mutual Interests of India and Africa. *African Review*. Mumbai. April 2011.

Education and ICT as an Emerging Sector: Mutual Interests of India and Africa. *African Review*. Mumbai. April 2011.

ADULT CONTINUING EDUCATION & EXTENSION

Major Activities

The UGC provided a separate course and workshop on Human Rights under XI Plan. The Three-Day International Workshop was conducted on Human Rights from 22-24 December, 2011 inaugurated by the Vice-Chancellor. The representatives from Sri Lanka, Bangladesh, Nepal and Canada participated in the International Workshop coordinated by Dr. Rajesh and Dr. V.K. Dixit, the Department also completed course on Counseling and Guidance, Human Rights, Travel and Tourism coordinated by all the three teachers Dr. Rajesh, Dr. J.P. Dubey and Dr. V.K. Dixit.

Ph.D. Degree awarded

Ph.D. - 1

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
A Study of Empowerment of Marginalized Population in Delhi.	Dr. Rajesh Dr. V.K. Dixit	UGC
A Study of Skill Training Initiatives undertaken by the Departments of Adult Continuing Education & Extension in universities of North and Central India.	Dr. J.P. Dubey	UGC

Programmes taken up involving inter-institutional collaboration

UGC sponsored Human Rights Course & Human Rights Workshop. Four batches are conducted Coordinated by Dr. Rajesh and Dr. V.K. Dixit.

Honours/Distinctions

Dr. Rajesh and Dr. J.P. Dubey: Fellow of International Institute of Adult & Lifelong Learning.

Dr. Rajesh and Dr. V.K. Dixit: Member of Social Welfare Committee on Beggary in 2011 appointed by the Lt. Governor of Delhi.

Seminars/Conferences attended

Dr. Rajesh and Dr. V.K. Dixit: Attended International Conference on Human Rights organized by the Department and chaired and co-chaired some of the sessions. The proceedings of the Conference is available in the form of a booklet edited by Dr. Rajesh and Dr. V.K. Dixit.

Dr. Rajesh: Participated an Expert in the Government of India, National Literacy Mission Committee in India, International Centre organized IAEA sponsored by the Government of India, 28 December 2011.

Delivered session in Workshop on the Girl Child in India International Centre at National Level, 29 February 2012.

Presented paper in Constitution Club on Role of Media and Civil Society Organizations on the status of the Girl Child, 14 October 2011.

Participated in UNESCO sponsored Observance of International Literacy Day, New Delhi, 8-10 September 2011.

Participated in National Level community Need Assessment Workshop in Panchkula organized by Haryana State AIDS Control Society, 6-8 April 2011.

Dr. J.P. Dubey: Presented a paper on 'Lifelong Education through Extension in Context of Population Aging', National Seminar on Population Aging and Lifelong Learning at DDU University of Gorakhpur, 19-20 March 2012.

Presented a paper on 'Community Development through Skill Training' in National Seminar Millennium Development Goals and National Mission on Education through ICT: Challenges for the Universities at Punjab University, Chandigarh, 7-8 September 2011.

Keynote address in UGC sponsored National Seminar on Professional Competence in Teaching at RGTV College, MP, 24 February 2012.

Publications

Books

Rajesh and Dixit, V.K. 2011. (1st Ed.). *Lifelong Learning: Issues and Challenges*, Delhi: Global Book Organization.

Sharma, A.K. and Dubey, J.P. (ed.) 2012. *Human Rights of Older Persons*. New Delhi: Sonali Publication.

Research Articles

Dixit, V.K. 2011. Indian Women: Marginalization to Mainstreaming. In *Lifelong Learning Issues and Challenges* (ed.) Rajesh and Dixit, V.K., Delhi: Global Book Organization, 38-55.

2011. Workplace and Globalization – An overview. In *Lifelong Learning Issues and Challenges* (ed.) Rajesh and Dixit, V.K., Delhi: Global Book Organization, 38-55.

Rajesh, 2011. A Study of Life skills Building of Adolescent Youth in Educational Institutions in Delhi. In *Lifelong Learning Issues and Challenges* (ed.) Rajesh and Dixit, V.K., Delhi: Global Book Organization, 38-55.

2011. A Study of Continuing Education for Non Brothel Based Sex Workers. In *Lifelong Learning Issues and Challenges* (ed.) Rajesh and Dixit, V.K., Delhi: Global Book Organization, 38-55.

2011. Role of Population Education Resource Centre in strengthening Continuing Education system under National Literacy Mission. In *Lifelong Learning Issues and Challenges* (ed.) Rajesh and Dixit, V.K., Delhi: Global Book Organization, 38-55.

Rajesh and Dixit, V.K. 2011. A Study of Technological Intervention for the Elderly Persons. *Indian Journal of Youth Affairs*. 15: 17-25.

Rajesh, Dixit, V.K. and Behera, M.K. 2011. Perception of Technology Adoption among Neo-Literates: A Study of National Capital Region (NCR). *Indian Journal of Adult Education*. 72, No. 4: 77-92.

Dubey, J.P. 2011. Roots of Extension in Indian Universities. In Adult and Continuing Education (ed.) Bhatia, S., New Delhi: Mittal Publication.

2011. Need for Reorienting University Continuing Education Programme. In Facets of Continuing Education, (ed.) Bhaskarcharyalu, Y., New Delhi: Sarup Book Publishers.

2011. Processes and Products Influencing Extension in Universities *Journal of Indian Adult Education Association*, pp. 726-51, Vol. 72, No. 2, New Delhi.

ECONOMICS

Major Activities

The Department of Economics, Delhi School of Economics, is considered to be one of the country's premier academic institutions in terms of teaching and research. During the period 1 April 2011 to 31 March 2012, members of the Department continued to contribute to the field of Economics in a significant way. Several faculty members published their research works in leading national and international professional journals, and participated in policy debates through writings in popular journals and production of two well-regarded economic forecasts. For the fourth year in succession, the Department was ranked the highest amongst university economics departments in India by Repec, a global electronic archive of working papers and publications in Economics (<http://ideas.repec.org/top/top.india.html>). During the year, the Department organized its annual Winter School in Economics, an international conference, and its regular seminar series, at which distinguished speakers from India and abroad presented their research.

Three research students and one faculty member participated in the first interdisciplinary course on methods and approaches in the social sciences, organized for the first time by five departments of the Faculty of Social Sciences together with the Department of English. The theme for this year was 'Caste in the Disciplines'.

The two year M.A. course, with its large student enrolment, is the mainstay of the teaching programme. It places emphasis on quantitative methods, state-of-the-art economics, and hands-on training in the use of econometric software. Continuous efforts are made to familiarize students with the latest techniques of the field – both theoretical as well as quantitative. Students have undertaken field trips in some of these courses which gave them a clearer idea about the functioning of the real economy.

The Department has been very successful in placing its Masters graduates in corporate jobs as well as in Ph.D. programmes in the top-grade universities abroad. In 2011-12, the Department received the Dewang Mehta 'Leadership Award' in recognition of Leadership, Development, Innovation and Industry Interface.

M.Phil. Degree awarded

M.Phil. - 1

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
'Foreign Direct Investment and inter-caste disparities in India'.	Dr. Ashwini Deshpande	University of British Columbia, Canada.
'Deprivation, social exclusion and conflict' A district-level analysis of the determinants of Maoist conflict in India.	Dr. Ashwini Deshpande	Centre for Development Economics, DSE.
'Improving Urban Air Quality in India: Lessons from the Kolkata Clean Air Regulations of 2009'.	Dr. Parikshit Ghosh Dr. Rohini Somanathan	The London School of IGC-ICP.
'Information Provision and the Quality of Education in Rural India'.	Dr. Rohini Somanathan Dr. Bidisha Barooah	The London School of Economics concerning IGC-ICP.

New Additions

Dr. Sugata Bag	-	Assistant Professor
Dr. Deepti Goel	-	Assistant Professor

Appointments of faculty members to higher Post/Assignment

Dr. Aditya Bhattacharjea: Member, Academic Council, *Indira Gandhi Institute of Development Research*, Mumbai, 2011; Member, Standing Committee on Industrial Statistics, *Ministry of Statistics and Programme Implementation*, New Delhi, 2012.

Dr. Pami Dua: *Member*, Committee on Macroeconomic Changes, Ministry of Statistics and Programme Implementation, 2011; *Member*, Committee on Price Indexes, Ministry of Statistics and Programme Implementation, 2011; *Member*, Academic Council, Dayalbagh Educational Institute (Deemed University), Agra.

Prof. P.B. Nayak: Member, Academic Council, Central University of Himachal Pradesh. 2011-12.

Member, Executive Council, Central University of Kashmir, 2011-12.

Honours/Distinctions

Dr. Rohini Somanathan: *Leon Levy Fellow at the Institute for Advanced Study.*

Lead Academic, International Growth Centre, Bihar Programme.

Dr. S.C. Panda: *Odisha Platinum Jubilee Award*, felicitated by Governor of Orissa at Constitution Club, New Delhi. 2012.

Dr. Ram Singh: *Commonwealth Fellow at the London School of Economics*, London, UK. 2011.

Seminars/Conferences held

The Department organized a public lecture in which Prof. Pranab Bardhan, University of California at Berkeley, spoke on 'Corruption in India: When Piety is not Enough', 12 Jan. 2012.

The Department organized an International Conference, called 'Winter School 2011', 10-13 December 2011.

Seminars/Conferences attended

Dr. A. Bhattacharjea: 'Panel discussant for the Bharat Ram Memorial Seminar on 'The Globalization Paradox' by Dani Rodrik', *Shri Ram Centre for Industrial Relations and Human Resources*, New Delhi, December 2011.

'Lecture on 'Cartels and Other Anticompetitive Agreements', at the International Conference on 'Competition Law In Emerging Economies: Trends And Developments In India', organized by the *Jindal Global Law School and the Asian-African Legal Consultative Organisation*, New Delhi, February 2012.

Dr. Aditya Deshpande: 'The Grammar of Caste: Economic Discrimination in Contemporary India', JNU, New Delhi, September 2011.

'Merit, Mobility and Modernism: Caste Discrimination in Urban India', Conference on 'Annihilation of Caste', Indian Institute for Advanced Studies, Shimla, November 2011.

'Foreign Direct Investment and inter-caste disparities in India', University of British Columbia Conference, New Delhi, December 2011.

'Merit, Mobility and Modernism: Caste Discrimination in Urban India', Conference on 'Caste and Intimacy', *Nehru Memorial Museum and Library Conference, New Delhi*, December 2011.

'Caste Aside: role of caste networks in formal sector employment in India', Workshop on 'Social Networks and Urban labour markets in Developing Countries', organised by University of Manchester, Indian Statistical Institute, New Delhi, December 2011.

'Caste Matters: Economic Discrimination in Contemporary India', NBER- ICRIER Conference, Neemrana, December 2011.

Dr. P. Dua: 'Business Cycle Indicators: Predicting Recessions and Slowdowns', Workshop on Index Numbers for CSO Officers, Centre for Development Economics, Delhi School of Economics, August 2011.

'India-LINK Macroeconometric Model with Weather Disturbances', Roundtable on Climate Change: An Economic Policy Perspective for India, Ministry of Finance and Centre for Development Economics, *Delhi School of Economics*, Taj Mahal Hotel, New Delhi, September 2011.

'Predicting Recessions and Downturns: A Robust Approach', Administrative Staff College of India, Hyderabad, September 2011.

'Rational Expectations in Macroeconomics', Programme for ISS Officers, Administrative Staff College of India, Hyderabad, September 2011.

'Synchronization of Recessions: Developed and Emerging Economies', Keynote Speaker, International Conference on Economics and Business: Analysis and Applications, Dayalbagh Educational Institute (Deemed University), Agra, November 2011.

'Indian Economy: India-LINK Forecasts', Keynote Speaker, National Seminar on Industrialization: Development for Whom? Motilal Nehru College, University of Delhi, March 2012.

Dr. P. Ghosh: 'Repeated Elections and the Persistence of Inefficient Policies', Association for Public Economic Theory (APET) Workshop on the Political Economy of Development. Chulalongkorn University, Bangkok, June 2011.

'Land Acquisition: An Auction Based Solution', *IIM (Calcutta) and IIM (Bangalore)* joint Conference on 'Towards Industrial Revival of West Bengal', New Directions and Policies, IIM (Calcutta), September 2011.

'Improving Urban Land Quality in India: Lessons from the Kolkata Clean Air Regulations of 2009', *IGC-ISI India Development Policy Conference*. ISI (Delhi), December 2011.

'Land Acquisition: An Auction Based Solution', IGC-ISI Conference on *Economic Growth in West Bengal: Challenges and Priorities*. ISI (Calcutta), January 2012.

'A Theory of Executive Privilege: Secrecy, Transparency and Leaks', International Conference on Emerging Issues in Public Finance and Policy. Centre for Studies in Social Sciences, Calcutta, February 2012.

'A Theory of Executive Privilege: Secrecy, Transparency and Leaks', JNU-NIPFP Conference on economic theory and policy. National Institute of Public Finance and Policy, March 2012.

Dr. S.C. Panda: 'International Conference on Economics and Business: Analysis and Applications' organized by Department of Economics, *Dayal Bagh Educational Institute, Agra*. Role: Chair at a Plenary session.

'National Seminar on Mining: its social, economic and environmental implications' organized by Department of Analytical and Applied Economics, Utkal University, Bhubaneswar. Role: Chair at the Plenary Session.

Dr. Sudhir Shah: ‘Comparative riskiness of random vector outcomes’, The Asian Meeting of the Econometric Society 2011 in Seoul, S. Korea.

Dr. R. Singh: ‘Procurement Contracts: Comparison of PPP and TP Contracts’, Department of Economics, University of Bonn, Bonn, April 2011.

‘Public Private Partnerships for Infrastructure Development: Study of National Highways in India’, South Asia Institute, University of Heidelberg, Heidelberg, April 2011.

Participated as a panellist on ‘Seeking Efficiency and Excellence in the Implementation of Infrastructure Projects in India’, organized by the National Council of Applied Economic Research, New Delhi, December 2011.

‘Bargaining and Litigation over Eminent Domain Compensation’, *London School of Economics*. Also presented at the 7th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, January 2012.

‘Procurement Contracts: Incentive Structure and Outcomes’, Organization Lunch Seminar Series, Department of Economics, Harvard University, March 2012.

Dr. R. Somanathan: ‘Scheduling Caste: State-Shaped Identity and Inequality in India’, Leon Levy Lecture at the Institute for Advanced Study, April 2011.

The Messy Route to Clean Air: Evidence from the Kolkata Clean Air Legislation’, *IGC Growth Week*, London, September 2011.

‘Back on the Rails: Competition and Productivity in State-Owned Industry’, *CSSS, Kolkata*, February 2012.

Dr. S.S. Rajan, Dr. K.L.N. Reddy and Dr. V. Pandit: ‘Efficiency and Productivity Growth in Indian Banking’. CDE, Department of Economics, Working Paper No. 199.

Dr. Smruti Ranjan Behera, Dr. Pami Dua and Dr. B.N. Goldar: ‘Foreign Direct Investment and Technology Spillover: An Evaluation Across Different Clusters in India.’ CDE, Department of Economics, Working Paper No. 200.

Dr. Harish Mani, Dr. G. Balachandran and Dr. V. Pandit: ‘Public Investment in Agricultural and GDP Growth: Another Look at the Inter Sectoral Linkages and Policy Implications.’ CDE, Department of Economics, Working Paper No. 201.

Dr. Anirvan Banerji and Dr. Pami Dua: ‘Predicting Recessions and Slowdowns: A Robust Approach.’ CDE, Department of Economics Working paper No. 202.

Dr. Tarun Kabiraj and Dr. Uday Bhanu Sinha: ‘Strategic Outsourcing with Technology Transfer.’ CDE, Department of Economics, Working Paper No. 203.

Dr. Maitreesh Ghatak and Dr. Parikshit Ghosh: ‘The Land Acquisition Bill: A Critique and a Proposal.’ CDE, Department of Economics Working paper No. 204.

Dr. Shreekant Gupta, Dr. Surender Kumar and Dr. Gopal Sarangi: ‘Does Greater Autonomy Improve Performance? Evidence from Water Service Providers in Indian Cities.’ CDE, Department of Economics Working Paper No. 205.

Dr. A. Banerji, and Dr. Neha Gupta: ‘Do Auction Bids Betray Expectations Based Reference Dependent Preferences? A Test, Experiment Evidence, and Estimates of Loss Aversion.’ CDE, Department of Economics, Working Paper No. 206.

Dr. Smruti Ranjan Behera, Dr. Pami Dua and Dr. B.N. Goldar: ‘Foreign Direct Investment and Technology Spillover: Evidence Across Indian Manufacturing Industries.’ CDE, Department of Economics, Working Paper No. 207.

Dr. Nzinga H. Broussard, Dr. Stefan Dercon and Dr. Rohini Somanathan: ‘Aid and Agency in Africa Explaining Food Disbursements Across Ethiopian Households, 1994-2004.’ CDE, Department of Economics.

Dr. Ram Singh: ‘Inefficiency and Abuse of Compulsory Land Acquisition: An Enquiry into the Way Forward.’ CDE, Department of Economics, Working Paper No. 208.

Dr. Pami Dua, and Dr. Anirvan Banerji: ‘Business and Growth Rate Cycles in India.’ CDE, Department of Economics, Working Paper No. 209.

Dr. Ashwini Deshpande and Dr. Dean Spears: ‘Who is the Identifiable Victim? Caste Interacts with Sympathy in India.’ CDE, Department of Economics, Working Paper No. 210.

Dr. Partha Sen: ‘Capital Accumulation and Convergence in a Small Open Economy.’ CDE, Department of Economics, Working Paper No. 211.

Publications

Book Chapters

Bhattacharjea, A. 2011. ‘India’s New Competition Law: A Comparative Assessment’, In *Economic Development: The Critical Role of Competition Law and Politics*. (eds. Eleanor Fox and Abel Mateus). Edward Elgar, Cheltenham, UK.

2012. ‘Antitrust Law’, In *The New Oxford Companion to Economics in India*, (eds.) Kaushik Basu and Annemie Martens. New Delhi: Oxford University Press.

Nayak, P.B. 2011. ‘The Indian Economy in the Twenty First Century’, in *BRICS: The Hard Way Between Skepticism and Wonder*, (ed.) Arturo Oropeza Garcia, University of Maxico, Maxico City.

Books/Monographs

Deshpande, A. 2011. *Grammar of Caste: Economic Discrimination in Contemporary India*, New Delhi: Oxford University Press.

(Editor) 2012. *Capital without Borders: Challenges to Development*, London: Anthem Press (Paperback reprint).

Dua, P. and Ranjan, R. 2012. *Exchange Rate Policy and Modelling in India*. Oxford: University Press.

Dua, P. and Bhanumurty, N.R. May-October 2011. *Macroeconomic Outlook for 2011-12 and 2012-13 based on India-LINK Macroeconometric Model*. Reports.

Dua, P., Bhanumurty, N.R. and Kumawat, L. 'India-LINK', *Economic Outlook 2011-12 to 2012-13*. Monograph.

Param Jit. 2011. *Portfolio Diversification Behaviour: A Study of Urban Salary Earners*, VDM Verlag, Dr. Muller GmbH & Co. KG, Germany.

Research Papers and Book Chapters

Dua, P. and Banerji, A. 2012. 'Business Cycles in India', in *The New Oxford Companion to Economics in India*, K. Basu, New Delhi: Oxford University Press.

Dua, P. and Raje, N. 'Determinants of Weekly Yields on Government Securities in India', in *Select Issues in Macroeconomics: A Quantitative Approach*, (eds.) B. Kamaiah and S.V. Seshaiiah.

Ghatak, M. and Ghosh, P. 2011. 'The Land Acquisition Bill: A Critique and a Proposal', *Economic and Political Weekly*, 46(41), 65-72.

2012. 'Can the Bill Bring Desired Outcomes?', *eSocialSciences*. Web link: <http://www.esocialsciences.org/Articles/ShowArticle.aspx?acat=Policy+Matter&aid=4691>.

Banerji, A., Meenakshi, J.V. and Khanna, G. 2011. 'Social Contracts, Markets and Efficiency: Groundwater Irrigation in North India', *Journal of Development Economics in press*. doi:10.1016/j.jdeveco.2011.07.005.

Hotz, C., Loechl, C., Brauw, A.de., Eozenou, P., Gilligan, D., Moursi, M., Munhaua, B, Jaarsveld, P. van., Carriquiry, A. and Meenakshi, J.V. 2011. 'A large-scale intervention to introduce orange sweet potato in rural Mozambique increases vitamin A intakes among children and women', *British Journal of Nutrition*. doi:10.1017/S0007114511005174.

Chowdhury, S., Meenakshi, J.V., Tomlins, K. and Owori, C. 2011. 'Are Consumers In Developing Countries Willing to Pay More for Micronutrient-Dense Biofortified Foods? Evidence from a Field Experiment in Uganda', *American Journal of Agricultural Economics*. doi: 10.1093/ajae/aaq121.

Meenakshi, J.V., Banerji, A., Manyong, V., Tomlins, K., Mittal, N. and Hamukwala, P. 2012 'Using a Discrete Choice Experiment to Elicit the Demand for a Nutritious Food: Willingness to Pay for Orange Maize in Rural Zambia', *Journal of Health Economics*, 31, pp. 62-71.

Sharma, R., Meenakshi, J.V. and Das, S. 2012. Understanding the Drivers of Nutritional Status of Children in Rural India. In *Growth, Development and Diversity: India's Record Since Liberalization*. (eds.) K. Pushpangadan and V.N. Balasubramanyam. New Delhi: Oxford University Press.

Feldman, A. and Singh, R. 2011. 'A Simple Guide to Comparative Vigilance', *Asian Law and Economics Review*, Vol. 2(3), pp. 1-24.

Singh, R. 2011. 'Determinants of Cost Overruns in Public Procurement of Infrastructure: Roads and Railways', *India Policy Forum*, Vol. 7, pp. 97-158.

2012. 'Inefficiency and Abuse of Compulsory Land Acquisition: An enquiry into the way forward', *Economic and Political Weekly*. (forthcoming as Special Article).

Dewan, I. and Somanathan, R. 2011. 'The application of nonparametric tests to poverty targeting', *Economics Letters*.

EAST ASIAN STUDIES

Major Activities

Hosted visiting faculty from Korea- Prof. Jung and Dr. Jeong-yeon Kim Japan - Prof. S. Takanani China – Dr. Yin Xinan.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	2
M.Phil.	-	8

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
'Partnership of Faith and Development : Study of the Role of International Faith based Organizations in the Civil Society of Japan and China.	Dr. Ranjana Mukhopadhyay	R&D Programme DU

Programmes taken up involving inter-institutional collaboration

International Seminar on 'Indo-Korea in the Emerging Asia' is being organized by the Researchers' Association for the Study of Korea(RASK) in collaboration with the Department of East Asian Studies on 16-17 March 2012.

Workshop on 'Economic Imbalance, Mis-Governance, Ethnic Divide and Radical Violence is organized by Institute of Peace and Conflict Studies(IPCS) in collaboration with the Department of East Asian Studies on 17 October 2011.

Collaboration with India – China Institute at the New School, New York, the Centre for Policy Research, New Delhi and JNU on the *Emerging Scholars Symposium on China*.

Appointments of faculty members to higher Posts/Assignments

Prof. Anita Sharma: Honorary Director, All India Foundation for Peace and Disaster Management, 2011-2013.

President, India International Intellectual Society, 2011-2014.

Prof. Brij Mohan Tankha: Visiting Professor: September 2011- March 2012 ICCR Chair of Indian Studies, Ryukoku University, Kyoto Japan. Taught two courses: Asian Imaginings of Asia (in English) and India, Japan and Asia (in Japanese).

Prof. Madhu Bhalla: Advisor, Project on Innovation in China and Korea, National Institute of Science and Development Studies (NISTADS), New Delhi, 2010-2012.

Member, International Advisory Board of Ateneo Center for Asian Studies (ACAS) Manila, Philippines, 2008-2011.

Dr. Ravni Thakur: Visiting Fellow at the BRICS Research Institute Rio de Janeiro from 10 January 2012 – 10 February 2012. Presented two papers at public forum on 'Muthlateral Cooperation between India and China'.

Dr. Ranjana Mukhopadhyay: Member Planning Commission Sub-Committee on Disaster Management for the 12th Five year plan.

Honours/Distinctions

Prof. Anita Sharma: 'Kiran Achievement Award-2011' by Women International Network for Education (Promotion of Chinese Language).

H.H. Seorak Musan Cho Oh-Hyun International creative Mind Award-2012, Korea for contribution in the field of East Asian studies, 3 March 2012.

Life Member, International Buddha Education Institute, Regional Centre of World Fellowship of Buddhists.

Dr. Nabin Panda: Awarded Ph.D. degree from Graduate Institute for Policy Studies, Japan.

Seminar/Conference held

National Seminar on 'Literature and Society in East Asia' was organized on 26 March 2012.

Seminars/Conferences attended

Prof. Anita Sharma: *Future Directions and New Focus Areas* at Convention of the Directors/Programme Coordinators of the Area Studies Centres, New Delhi, 31 May-1 June 2011.

Inaugural Address in Sino-Indian (Youth) Conference on *Rabindranath Tagore*, Department of South Asian Studies, PKU, China, 2-5 November 2011.

Gurudev Rabindranath Tagore and his influence on Venerable Hiu Wan in Sino-Indian (Youth) Conference on Rabindranath Tagore, Department of South Asian Studies, PKU, China, 2-5 November 2011.

Special lecture on Buddhism and Human Rights in the Department of Adult, Continuing Education and Extension, Delhi University, 16 February 2012.

Inaugural Address in the National Conference on *Religious and moral Education in India* at Subharti University, Meerut, 3 March 2012.

Special lecture on Tourism & Tourist Industry in China in the Department of Adult, Continuing Education and Extension, Delhi University, 16 March 2012.

Prof. Sreemati Chakrabarti: International Conference on 'Little Red Book : A Global History of Quotations from Chairman Mao' in University of California, Berkeley, USA, 21-22 October 2011.

Prof. B.M. Tankha: 'OkakuraTenshin: New Modes of Consciousness' Japan India Exchange Symposium I Asian Renaissance –Learning form Shibusawa, Tata, Okakura and Tagore, International House of Japan, 5 December 2011.

'Asia Then and Now: Rethinking Non-Alignment and the Bandung Spirit', Graduate School of Asian and African Studies, Kyoto University, 4 February 2012.

Dr. Unita Sachidanand: 'International Meet on Ishikawa Takuboku : New Tomorrow, New Takuboku' in Morioka University, Morioka, Japan, 5-6 November 2011.

'Footsteps of the 80 year-history of Kamishibai : To brighten up our genuine culture' in The International Kamishibai Association of Japan(IKAJA), Kichijoji Tokyu Inn, Tokyo, Japan, 12-13 November 2011.

Dr. Madhavi Thampi: Workshop on the 'Historical and Cultural interactions between India and China' in Peking University, Beijing, China, 13-17 October 2011.

Fourth All India Conference of China Studies in School of Social Sciences, University of Hyderabad, Hyderabad, 8-9 November 2011.

Dr. Ravni Thakur: Think Tank Strategy Session between 'India – Australia : Implication of the Ascendancy of China' in Melbourne University, 30 March 2012.

Shri G. Balatchandirane: 'Issues in Higher Education in China and India' at the International Conference on 'One Asia: Cooperation & Prosperity of Asian Countries' conducted by Institute for Business Management & Economics, Changwon National University, South Korea and Quidao Agricultural University, China at the Hyatt Hotel, Kathmandu, 21 December 2011.

'Strategic Implications of Human Capital in India Today' at Changwon National University, South Korea, 20 April 2011.

'Saemuel Undong in India' at the International Conference on Global Saemaul Program 2011 at Gyeongju, Republic of Korea, 19 April 2011.

Dr. Abanti Bhattacharya: Future of the Tibetan Movement. Tibet Forum Seminar on Tibet: Present and Future, JNU, New Delhi, 21 March 2012.

Taiwan's 2012 Elections: Taiwanese Identity Consolidated. DEAS Workshop on Taiwan 2012 Presidential Election, Delhi, 23 January 2012.

China's Periphery Strategy: Implications for India. Presentation to the Centre for Advanced Strategic Studies, Pune, 20 December 2011.

Domestic Politics of China and its Implications for India-China Relations. National Seminar on India-China Relations: Prospects for Synergy Building in the Twenty First Century, Manipal Centre for Asian Studies, Manipal University, Manipal, 2-3 December 2011.

China's Perception of India's Look East Policy. XIth Conference of Indian Congress of Asian & Pacific Studies (ICAPS) in collaboration with Association of Asia Scholars (AAS) Institute of Development Studies, Jaipur, 4-5 September 2011.

Tibet in World Politics. Seminar on Tibet in the Aftermath of Devolution of Political Power, Vivekananda International Foundation, New Delhi, 6-7 September 2011.

Dr. Ranjana Mukhopadhyay: *Japanese Studies in India*. Roundtable: The Current Situation and Agendas of Japanese Studies in Global Perspective: Japan in the Age of Asia. Support by Japan Foundation. Joint Conference of the association for Asian Studies and International Convention of Asian Scholars. Honolulu, Hawaii, USA, 31 March - 3 April 2011.

Buddhism and Pacifism. Keynote Speaker at the Buddhism and Modernity Conference, organized by Nichibunken, Kyoto, Japan, 16 October 2011.

Global Networks of Dharma and Development: Transnational Voluntarism of Japanese Buddhists and the Revival of Buddhism in Cambodia. ICAPS Annual Conference, Jaipur, 3 September 2011.

Buddhism and Modernization. International Conference on Various Trajectories of Modernity. Benaras Hindu University, Varanasi, 16 December 2011.

Dr. Janardan Sahu: Delivered a talk on '*Taiwan's Mainland's policy Under Ma ying- jeou*' at the Institute of Chinese Studies, Delhi, 28 September 2011.

Presented a Paper entitled '*Taiwan's Mainland Policy under New Administration*' in a Workshop on Taiwan's Presidential election & Legislative elections 2012, organized by the Department of East Asian studies, Delhi University, 23 January 2012.

Dr. Nabin Kumar Panda: 'The Present Status of Foreign Language Policy and Spread of Japanese Language in India: the role of English and Foreign Language University' in the International Conference of Japanese Language held in Tianjin Foreign Studies University, Tianjin, China, 19-21 August 2011.

Publications

Sharma, A. (ed.) 2012. *Buddhism in East Asia: Aspects of History's First Universal Religion presented in Modern Context*, Delhi, Delhi: Vidyanidhi Prakashan.

Balatchandirane, G. 2012. 'Strategic Implications of Human Capital Today' in Krishnappa Venkatshamy and Princy George (ed.), *India's National Security Strategy: 2020 Perspectives*, New Delhi: Pentagon Publishers.

Bhattacharya, A. 2012. South Asia: the US and Chinese Perspectives, *FPRC Journal*, No. 9, pp. 131-136.

2011. The Libyan Crisis: Deciphering China's Middle East Policy, *Diplomatist*. Vol. III, Issue No. 10, 36-37.

2011. South China Sea Dispute, *Diplomatist*. Vol. III, Issue No. 9, 12-13.

2011. India-Mongolia Relations: Moving Towards a Strategic Partnership. *Diplomatist*. Vol. III, Issue No. 7, 47-49.

Mukhopadhyay, R. 'Social Engagement and Buddhism'. Fumio Sueki et.al. (eds.) *A New History of Buddhism in Asia* Vol. 15: Japan V: *Contemporary Japanese Buddhism and its Potential*. Kosei Publications, Tokyo: Japan. {in Japanese.

Panda, N.K. 'Tagore and Japanese Language: From the Writings of Sano Jinnosuke' in *Tagore and Japan: A Retrospection*, Sakura Academy and Citadel, Kolkata, pp. 29-39.

GEOGRAPHY

Major Activities

The Department of Geography entered its 53 year to gain in infrastructure and rejuvenate. The Old class room was enlarged, 2 new administrative offices and 3 new faculty rooms were added on the first floor.

The Department invited 15 eminent speakers from different parts of the world and India.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	9
M.Phil.	-	11

Research Schemes

<i>Title</i>	<i>Sponsoring Organization</i>
Historical and Political Factors in Under development of Regions-Comparative Study of Mandi and Kullu, HP.	DU
Development of Object-based Remote Sensing-GIS Methodology for Landslide Recognition and Hazard Scientists Zonation in the Garhwal Himalayas.	DST under SERC Fast Track Proposal for Young
Landslide Susceptibility Zonation using Weights of Evidence and Logistic Regression Model: A Comparative Analysis in the Chamoli-Joshimath Road, Uttarakhand.	DU

Appointments of faculty members to higher Posts/Assignments

Dr. H. Ramachandran: Member Editorial Sub-Committee Geography, Committee, VI Survey of Research in Social Sciences, Indian Council of Social Sciences, New Delhi; Member, Advisory Group on the Evaluation of Implementation of NREGA, PEO, Planning Commission; Member Core Group on Drought, National Disaster Management Authority; Member, Subject Expert Committee, ICSSR; Member of Standing Committee for Publication, ICSSR; Nominated member of the Task Force on District Planning, Planning Commission.

Dr. R.B. Singh: Nominated Member IUGG-IGU Joint National Committee, Indian National Science Academy; Vice-Chairman IGU Commission on Biogeography and Biodiversity; Managing Editor National Association of Geographers, India.

Dr. S.C. Rai: Elected Secretary General, National Association of Geographers, India.

Dr. Anindita Datta: Member, Steering Committee, IGU Commission on Gender and Geography; Member, International Editorial Board, Gender Place and Culture, a Journal of Feminist Geography, Taylor and Francis; Subject Expert, Task Force on curricular reforms and pedagogy, National Advisory Committee, Ministry of HRD.

Dr. Anjan Sen: Expert, National Council for Educational Research and Training; Resource Person, Indian Council for Social Science Research, NW Regional Centre.

Publications

Books

Rai, S.C. 2012. *Ecotourism and Biodiversity Conservation*, New York: Nova Science Publishers.

Datta, A. (ed.) 2011. *Gender and Space Themes from Asia, special issue of Gender Technology and Development*, New Delhi: Sage Publications.

Rai, S.C. and Raleng, A. The impacts of land use/cover change on Loktak lake water quality in North Eastern Region, India. *Asian Journal of Water, Environment and Pollution*, 9(1): 13-23.

2011. Ecological studies of wetland ecosystem in Manipur valley from management perspectives. In *Ecosystems Biodiversity* (eds) Oscar Grillo and Gianfranco Venora, Croatia: In Tech Open Access Publisher, 238-248.

Datta, A., Dutt, A.K., Wadhwa, V., Thakur, B. and Costa, F.J. (ed.). 2011. 'Space gender and social value', in *Facets of Social Geography International and Indian Perspectives*, New Delhi: Cambridge University Press.

Rai, S.C. 2011. Water management for a megacity, National Capital Territory of Delhi. *Water Resource Management*, 25: 2267-78.

Sahu, N., Yamashiki, Y., Takara, K. and Singh, R.B. 2011. An observation on the relationship between climate variability modes and river discharges of the Citarum Basin, Indonesia. *Annals of Disas. Prev. Res.* 49-55.

Roy, S., Singh, R.B. and Kumar, M. 2011. An analysis of local spatial temperature patterns in the Delhi Metropolitan Area. *Physical Geography*, 32: 114-38.

Sharma, S. and Sen, A. 2011. Levels of development in Central National Capital Region, 1981-2001, *ITPI Journal* , 8(2): 86-104.

Singh, R.B. and Chandana, V. 2011. Spatial analysis of the Yamuna water quality in pre and post monsoon periods, *IAHS Red Book*, 348: 8-13.

Singh, R.B. and Gurjar, A.K. 2011. Climate change vulnerability of agriculture in arid region of Rajasthan, India. *Annals of NAGI*, 31(1): 21-38.

Singh, R.B. and Singh, S. 2011. Rapid urbanization and induced flood risk in Noida, India, *Asian Geographer*, Vol. 28, No.2, 147-169.

Singh, R.B. and Kumar, S. 2011. Hazard risk assessment and disaster management strategies in mountains, *World Focus*, 32(3): 143-52.

2011. Mountain risks in downstream water resource management in upper Bhagirathi basin, Indian Himalayas, *IAHS Red Book*, 347: 49-54.

HISTORY

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	3
M. Phil.	-	16

Appointments of faculty members to higher Posts/Assignments

Prof. Basudev Chatterji: Chairman in Indian Council Historical Research, New Delhi.

Prof. Mahesh Rangarajan: Director in Nehru Memorial Museum and Library, New Delhi.

Seminars/Conferences attended

Prof. Upinder Singh: Presented a paper titled 'Gifts from other lands: Southeast Asian religious endowments in India' International Conference on 'Asian Encounters: networks of cultural interaction', organized in association with the IIC-Asia Project, ASI and IGNCa at the University of Delhi and the IIC, 31 October-4 November 2011.

Dr. Parul Pandya Dhar: Presented a paper titled 'Buddhist Tales from Champa: Interpreting the Dong Duong Sculptures', at International Conference 'Asian Encounters: Networks of Cultural Interaction', held in Delhi University and IIC-Delhi, 31 October-4 November 2011.

Prof. Shahid Amin: Plenary presentation on 'Popular Religious Traditions in India'. Conference on 'Modes of Secularism and Religious Toleration', Institute for Human Sciences, Vienna, June 2011.

Prof. Sunil Kumar: 'Making Friends and talking about them: an insight into Sultanate polity and society' at the Conference: '*The History and Cultures of Friendship in South Asia*', at the University of Pennsylvania, 2-4 May 2011.

Dr. Charu Gupta: Unquiet Relations: Inter-Caste/Religious Intimacies and Dalits in Colonial India — A Workshop with Charu Gupta. India Research Centre, Macquarie University, Australia, 8 August 2011.

Subaltern Sexualities and the Archives in Colonial India. Invited Panel Speaker at a Conference on Subaltern Studies: Historical World Making Thirty Years on, Humanities Research Centre, Australian National University, Canberra, Australia, 3-5 August 2011.

Deferential and Defiant Dalit Masculinities in Colonial India. Paper presented at the South Asia Seminar Series, Australian National University, Canberra, Australia, 2 August 2011.

Body Blues: Representations of Dalit Male Bodies in Colonial India. Paper presented in a Session on Sexuality and the State, at the 20th Annual Conference of the International Association for Feminist Economics, Zhejiang Gongshang University, Hangzhou, China, 24-26 June 2011.

Hindu Women, Muslim Men: Romance and Everyday Violence Then and Now. Paper presented at the Fifteenth Berkshire Conference on the History of Women, University of Massachusetts, Amherst, USA, 9-12 June 2011.

'Fashioning' Swadeshi: Clothing Women in Colonial North India. Paper presented in a Session on Swadeshi in the Time of Nations, at the Joint Conference of the Association for Asian Studies and International Convention of Asian Scholars, Honolulu, Hawaii, USA, 31 March-3 April 2011.

Dr. Zou David Vumlallian: 'The Practices of Reading: Mizo Missionary Print as Discursive and Material Texts'. Early Career Workshop organized by Dr. Duncan McDuié-Ra, University of New South Wales with funding from the Australia India Institute, Melbourne, 12 December 2011.

Prof. Shahid Amin: Plenary Address, 'Making the Nation Habitable', Conference on 'Goa, 1961 and Beyond', Goa University, Panjim, December 2011.

Dr. Parul Pandya Dhar: International Conference: Convenor with Prof Upinder Singh of the International Conference 'Asian Encounters: Networks of Cultural Interaction', organized by the Dept of History-University of Delhi in collaboration with India International Centre, Archaeological Survey of India and Indira Gandhi National Centre for the Arts, New Delhi, held in University of Delhi and IIC-Delhi, 31 October-4 November 2011.

Prof. B.P. Sahu: *Varna, Jati* and the Shaping of Early Oriya Society, Professor K.C. Panigrahi Memorial Lecture, Presented at the Lecture Series and Colloquium on 'Connecting Contemporary Orissa: Structure, Agency and Discourses', organized by the Department of History, Ravenshaw University, Cuttack, 17-18 May 2011.

Texts in Stone: From Caves to Temples in Early Orissa, Presented at the Panel on 'Architecture and Artisans in India: The History of Design, Technology and Labour', organised by Aligarh Historians' Society, at Indian History Congress, Punjabi University, Patiala, 11-12 December 2011.

Community, Caste and Region: Perspectives from Early Orissa, Presented at the Seminar on 'India's Composite Culture: its Evolution and Changing Contexts', in observance of the Platinum Jubilee of the Indian History Congress, Punjabi University, Patiala, 11-13 December 2011.

Regions from the Perspective of Changing perceptions of Early India: Trends and Possibilities, presented at the National Seminar on 'Conceptualising Region: Rethinking Methodologies', Centre for Regional Studies, University of Hyderabad, Hyderabad, 9-10 February 2012.

Prof. S.Z.H. Jafri: 'Decorative and Commemorative Styles and Medieval Indian Architecture: A Study of Calligraphic Designs and Chronograms' in Aligarh Historians Society Panel, *Architecture and Artisans in India: The History of Design, Technology and Labour*, 72nd Session of Indian History Congress, Punjabi University, Patiala, 11-12 December 2011.

'Co-existence and Conflicts in Pre-1857 Awadh: Societal pulls, Cultural Practices & State' in *Composite Elements of Culture in Indian History*, Platinum Jubilee Celebrations of Indian History Congress, 72nd Session of IHC, Panjabi University, Patiala, 11-13 December 2011.

'Facets of Medieval Punjab: Persian Literary Tradition and Composite Culture', *Presidential Address*, Section on Medieval Indian History, 44th Session of Punjab History Congress, Panjabi University, Patiala, 9-11 February 2012.

Prof. Upinder Singh: Presented a paper titled 'Beneath the Metro and the Malls: glimpses of ancient Delhi' in a seminar on Ancient and Sultanate Delhi organized by INTACH at the IIC, 10 November 2011.

Gave a lecture titled 'Beneath the Metro and the Malls: glimpses of ancient Delhi' in a National Seminar on Celebrating Delhi through the ages organized at Shivaji College, Delhi, 28-29 September 2011.

Prof. Sunil Kumar: 'The many Sultanate Capital Cities in the Delhi riverine plain' at the Seminar: '*Architecture and Artisans in India: the History of Design, Technology and Labour*', organised by the Aligarh Historians Society, at the Indian History Congress, Patiala, 11-12 December 2011.

'Deep Structures: the many Sultanate Capital Cities in the Delhi riverine plain' at the Seminar: '*Delhi: a heritage city (Ancient and Medieval Period)*', organised by INTACH, 10 November 2011.

'An Inconvenient Heritage: the Central Asian background of the Delhi Sultans' at the Conference: 'Asian Encounters', University of Delhi, 1-4 November 2011.

Dr. Anirudh Deshpande: Read a work in progress paper 'Thoughts on Colonial Modernity and Historical Imagination in India' in the Contemporary History Section [Mr. N. Ram, Editor of *Hindu* was the Sectional President]. A revised version of this paper has been sent to the *Indian Historical Review*, Indian History Congress, Patiala, 10-13 December 2011.

New Perspectives on Indian Military History: A Workshop Organized by the Nehru Memorial Museum and Library, New Delhi in collaboration with me on 14 January 2012. Six papers were presented in this workshop including the first one by me called 'The indigenous perception of social difference: the *Bhausahabanchi Bakhar* as a Maharashtrian military-cultural text of the 18th century'.

Dr. Zou, David Vumlallian: 'Imaginative Geography and Evangelical Print' at the National Seminar on Globalization and Changing Tribal Identity in North-East India, Conference Centre, University of Delhi, 16-17 May 2011.

'Print and its Public: The making of an ethnic identity in colonial Mizoram'. National Seminar organized by the Centre for the Study of Social Exclusion and Inclusive Policy, National Law School of India University, Bengaluru; and the Indian Council of Social Science Research, 28-29 February 2012.

Dr. Charu Gupta: Representing Dalit Bodies in Colonial North India. Paper presented at the Annual Conference on Dalit Experience and the Question of Marginality, Department of English, University of Delhi, 16-18 February 2012.

Embodied Desires: Hindu Publicists, Dalits and Intimate Relationships in Colonial India. Presented paper at a Workshop on A Social History of Caste and Intimacy, Nehru Memorial Museum and Library, Delhi.

Publications

Books

Thakran, R.C. 2012. 'Excavations at the Harappan Site of Lohat, District Jhajjar, Haryana, July 2011' *Puratattva*, 41.

Singh, U. 2011. *Rethinking early medieval India*. New Delhi: Oxford University Press.

Dhar, P.P. (ed.). 2011. *Indian Art History: Changing Perspectives*, New Delhi: D.K. Printworld and National Museum Institute reviewed in *Journal of Art Historiography*, Birmingham and *The Book Review*, Delhi.

Biswamoy, P. (ed.). Balgangadhar, T. 2011. *Popular Readings*, Primus, New Delhi, it has my Introductory note and a chapter, 'Nationalist Politics and the 'Making' of Bal Gangadhar Tilak', 93-111.

Identity, Hegemony, Resistance: Towards a Social History of Conversions in Orissa, 1800-2000 (Three Essays Collective, New Delhi, 2003), German Reprint, Lambert Academic Publishing, Saarbrücken.

2011. *Adivasis in Colonial India: Survival, Resistance and Negotiation*; this is a part of the Indian Council for Historical Research 'Monograph Series'; it has 13 chapters, which includes my Editorial Introduction, 1-30, and my chapter entitled, 'Survival as resistance: Tribals in colonial Orissa'; 237-265, New Delhi: Orient Black Swan, 236-65.

Biswamoy, P. and Mark, H. (eds.). 2011. *The Social History of Health and Medicine in Colonial India*, (Routledge, U.K. 2009) Indian Reprint: Primus, New Delhi. This book has an Editorial note, 'Social History of Health and Medicine: Colonial India', (co-authored); and twelve chapters. My (co-authored) chapter is entitled, 'The Leprosy Patient and Society: Colonial Orissa, 1870s – 1940s', 113-28.

Chapters in books

Biswamoy, P. 2012. 'Religion and social subversion: Re-examining colonial Orissa' in R.P. Bahuguna *et. al* eds. *Negotiating religion: Perspectives from Indian History*, Manohar, New Delhi, 325-52.

2011. 'Interrogating stereotypes? Exploring the princely states in colonial Orissa', in Hermann Kulke and Georg Berkmer (eds) *Centres Out There?: Facets of Subregional Identities in Orissa*, Manohar, New Delhi, 327-46.

2011. 'Popular struggles and the movements: 1857-1947', in Panikkar, K.N. (ed.) *Perspectives of Modern Indian History*, Popular Prakashan, Mumbai, 129-78.

Gupta, C. (ed.). 2012. *Gendering Colonial India: Reforms, Print, Caste and Communalism*. New Delhi: Orient Blackswan.

Research Articles

Jafari, S.Z.H. 2012. Education and Transmission of Knowledge in Medieval India' in *Recording the Progress of Indian History*, Delhi, pp. 133-60.

2012. *Recording the Progress of Indian History: Symposia Papers of the Indian History Congress 1992-2010*, Delhi: Primus.

Thakran, R.C. 2011. Invited by the History Association of P.G.D.A.V., University of Delhi to deliver a lecture on 'Sources of Water, Climatic Conditions and the Harappan Civilization'.

Invited by Academic Secretary-ILL/CPDHE, University of Delhi to deliver two lectures on 'Land, Climatic Conditions, Water Sources and Settlements' during Protohistoric period in Indo-Gangetic Divide'.

Invited by Director, Nehru Museum and Library to make an presentation on 'Ancient Rivers in India: Exploring Environmental Imaginations as Politics' in a workshop on environmental Transformations and the Politics of Place organised by Nehru memorial Museum and library on 26 November 2011.

Pati, B. 2012. 'Legitimacy, power and subversion: Colonial Orissa, c.1800-1940', in *History and Sociology of South Asia*, 6: 1, 1-21.

2011. 'Creativity and the Left cultural movement in Orissa', *Social Scientist*, 1: 2, 31-40.

Singh, U. 2012. 'The power of a poet: kingship, empire and war in Kalidasa's *Raghuvamsa*' *The Indian Historical Review* 38, 2: 177-98.

2011. 'Archaeologists and Architectural Scholars in 19th century India'. In Dhar, P.P. ed. *Indian Art History: Changing Perspectives*, Delhi: DK Printworld and National Museum Institute, pp. 47-58.

Dhar, P.P. 2011. 'A History of Art History: The Indian Context', *Indian Art History: Changing Perspectives*, New Delhi: D.K. Printworld, pp. 1-32.

2011. 'Understanding Jaina Art of Karnataka: Shifting Perspectives', *Indian Art History: Changing Perspectives*, New Delhi: D.K. Printworld, pp.143-152.

2011. 'Shila, Shilpa, Devata: Visualizing Ritual in South Indian Sculpture,' in *Religious Ritual and Visuality in India*, ed. Corinna Wessels- Mevissen, Mumbai: Marg Publications.

Gupta, C. 2011. Writing Sex and Sexuality: Archives of Colonial North India. *Journal of Women's History*. 23, 4, Winter: 12-35.

2011. Anxious Hindu Masculinities in Colonial North India: *Shuddhi* and *Sangathan* Movements. *Cross Currents*. 61, 4, December: 441-54.

Articles in Journals/Periodicals

Ahmad, S. 2011. 'The Delhi College and the Revolt of 1857: A victim of dual retribution? An examination', *International Journal of Business, Management & Social Sciences*, Vol. 1, Issue I, pp. 76-79.

Book Review

Deshpande, A. 2011. 'The wounded glacier' of Kunal Verma and Rajiv Williams, *The Long Road to Siachen – The question why*, Rupa, New Delhi, 2010, pp.432, Rupees 1,500/- & Harish Kapadia, *Siachen Glacier: The Battle of Roses*, Rupa, New Delhi, 2010, Rupees 495/-, *Biblio*.

Books/Monographs

Sahu, B.P. 2011. Rajan Gurukkal's Social Formations of Early South India, New Delhi: Oxford University Press, 2010, in *Indian Historical Review*.

'Local Societies, Cultural Transactions and the Making of Early Orissa', in Kulke, H. et. al. (eds), *Imaging Orissa*, Delhi: Prafulla Publications.

Varna, Jati and Stratification: Investigating social Transformations in Early Orissa, in *Kesavan Veluthat* (ed), *Essays in Honour of Professor M.G.S. Narayanan*.

Translated Works

Malhotra, A. 2012. 'An Extract from *Piro's Ik Sau Sath Kafian (One Hundred and Sixty Kafis)*', a translation of a Punjabi primary source with an introduction available on the website <http://www.accessingmuslimlives.org> at the Loughborough University. This is a collaboration between Islamic Studies Network of the Higher Education Academy, U.K. in conjunction with Women's Autobiography in Islamic Societies [<http://www.waiis.org>] put together by Dr. Siobhan Lambert-Hurley (Loughborough University) and Prof. Marilyn Booth (University of Edinburgh).

2012. Translation of a Punjabi poem, *Churrelan (Witches)* on reforms for women with an Introduction in Gupta, C. (ed.), *Gendering Colonial India: Reforms, Print, Caste and Communalism*, Orient Blackswan.

Edited

Shah, S. 2011. 'The Srngari versus the Prema Tradition in the Early-Medieval Classical Sanskrit Literature' Sumangali, Centre for Women's Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth, Vol. 1, No. 2.

NCERT Workshop on 'Dictionary of Historical Terms for School Students; Classes VI to XII', NCERT Delhi, 27 February-2 March 2012.

Raziuddin, A. and Roy, K. (ed.) 2012. *Warfare, Religion, and Society in Indian History*. New Delhi: Manohar Books.

Raziuddin, A. (ed.) 2011. (reprint). *Sufism and Society in Medieval India*, Debates in Indian History and Society Series. New Delhi: Oxford University Press.

Deshpande, A. 2011. *The Wars of the English East India Company, 1740-1849*, Entry in the *International Encyclopaedia of War*, Wiley-Blackwell, edited by Gordon Martel, November, 2011 [Peer Reviewed].

[*Issues in twentieth century world history* – an edited text book for BA students published by the Hindi Madhayam Karyanvaya Nideshalaya, Delhi University, December, 2011]. The second volume of this book is under preparation.

Review of Chowdhry, P. (ed.), *Understanding Politics and Society (1910-1997)* Hardwari Lal, New Delhi: Manak Publications, 2010 in *Economic and Political Weekly*, 7 May 2011.

POLITICAL SCIENCE

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	10
M.Phil.	-	25

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
CAS-SAP I 'Globalisation, Democracy and Justice'.	Prof. P.K. Datta	UGC
'Federalism in South Asia: A Comparative Study of India and Pakistan'.	Prof. Veena Kukreja	UGC
The Role of Governance in the Resolution of Socio-economic and Political Conflicts in India and Europe.	Prof. Navnita C. Behera	European Union
Cultures of Governance and Conflict Resolution in Europe and India.	Prof. Navnita C. Behera	European Union
'A Perception Survey of Media Impact on the Kashmiri Youth'.	Prof. Navnita C. Behera	Ministry of Home Affairs
'Promoting Impact and Knowledge Transfer in Global Poverty Research'.	Ashok Acharya, Luis Cabrera, Thomas Pogge & Darrel Moellendorf (core partners)	UKIERI (UK-US-India Tripartite Award)

Programmes taken up involving inter-institutional collaboration

Exchange by Promoting Quality Education, Research and Training in South and South-East Asia. Prof. Navnita C. Behera European Union

Honours/Distinctions

Dr. Ashok Acharya: Birmingham India Social Science Fellowship, Spring 2012.

Rice Faculty Fellowship and Visiting Professorship, Yale University for 2012-13.

Dr. Rekha Saxena: Awarded Shastri Indo-Canadian Institute(SICI)'s Faculty Enrichment fellowship to be a Visiting Faculty at Queens' University, University of Toronto and McGill University in Canada during Summer, 2011.

Invited to Germany as part of a Parliamentary Delegation from India on the Theme 'Construction of local and regional government structures', 17-21 October 2011.

Prof. Neera Chandhoke: Visiting Professor, Centre for Ethics and Global Politics, Luiss University, Rome.

Seminars/Conferences held

National Seminar on theme: 'Mindscapes of Caste: Reconciling Equality & Justice' in the Department of Political Science, 23-24 March 2012.

Seminars/Conferences attended

Prof. Pradip Kumar Data: Keynote Address in National Seminar on 'Religio-Cultural Dynamic & Social Exclusion in India', Tripura University, Agartala, April 2011.

'What is so Indian about Indian Political Thought', National Seminar on 'Indian Political Theory' at the Department of Political Science, University of Hyderabad, March 2012.

Dr. Mollica Dastider: Delivered the first Lecture in the IK Lecture Series hosted by the Institute for South Asian Studies at the University of Vienna, Austria on 29 June, 2011. The title of her Paper was '*Minority Cultures and Border-thinking in the Eastern Himalaya*'.

Prof. Navnita C. Behera: Presented a paper on 'Epistemology and IR,' at the National International Relations Conference organized by the Ministry of External Affairs and the Centre for Policy Research, New Delhi, 22-23 October 2011.

Delivered a lecture on 'Gender, Conflict and Security,' as part of a joint course on *Traditional and New Security Challenges: South Asia in a Global Perspective*, organized by University of Delhi, University of Melbourne and University of Birmingham under the Universitats-21 network at New Delhi, February 2012.

Presented a paper on 'Doing 'IR' in India: A 'Realist' Past and Future Alternatives,' at an International Workshop on 'Theorizing Asia: The Development of Post-Western IR Theory,' organized by the O.P Jindal Global University, 24 February 2012.

Presented paper on 'Rethinking Foreign Policy and Diplomacy in a Globalizing World' in a National Conference on 'Emerging Frontiers of Indian Foreign Policy', organized by the Department of Political Science, Panjab University, Chandigarh, 15-16 March 2012.

Dr. Satyajit Singh: 'Diverse Property Rights, Institutions and Decentralisation: Forest Management by Village Forest Councils in Uttarakhand' in an International Conference on *Decentralisation and its Discontents: Recalibrating Public Service Deliver in Asia*, at the Centre for Governance and Citizenship, The Hong Kong Institute of Education, Hong Kong, 17-18 November 2011.

Museum Popular Lecture Series on 'Traditional Institutions for Forest Management in Uttarakhand' at the Indira Gandhi Rashtriya Manav Sanghralaya, Bhopal, 15 Dec. 2011.

Dr. Ashok Acharya: 'Affirmative Action in India: Justifications, Challenges, Trade-offs' at the Department of Political Science and International Studies, University of Birmingham, 25 May 2011.

Participation in ASAP-UK Conference, University of Birmingham, 23 May 2011 and ASAP-Norway Conference, University of Oslo, 3-4 September 2011.

Organized an International Conference on Building Consensus on Global Poverty, University of Delhi, 20 October 2011.

'Justice, Disadvantage and 'Rights' of Groups: Indian Debates' at the College of Social Sciences, University of Birmingham, 6 February 2012.

Dr. Rekha Saxena: Made a presentation on 'Indian Model of Federalism' at the Department of Political Science, University of Toronto, 10 June 2011.

Presented a paper on 'Intergovernmental Relations in India' to an International Conference organized at University of Carleton, Ottawa by Shastri Indo-Canadian Institute, Calgary, Canada, 17-18 June 2011.

Made a presentation on 'Constitutional Aspects of Indian Federalism' at Humboldt-Universität, Berlin, Germany, 17 October 2011.

Dr. N. Sukumar: 'Constitution and its Importance for Dalits in Nepal', Keynote address delivered for the 8th Dalit Parliament, organised by Rastriya Dalit Network Nepal, Kathmandu, 24 August 2011.

'Negotiating Social Space: The Dalit Perspective', Paper presented in International Workshop 'The Politics of Poverty and the Politics of the Poor in Modern South Asia' organised by Center for Modern Indian Studies, University of Gottingen, Germany, 6-8 July 2011.

'75 Years of Dalit Politics', National Convention, organized by the Andhra Pradesh SC/ST Employees Association and the Republican Party of India, 17-18 December 2011, Hyderabad.

Dr. Rajesh Dev: 'Comparing Social Configurations: Issues of Identity, Representation and Social Justice'. International Seminar held at University of Pune and presented working paper on 'Politics of Homelands. The Northeast Imbroglio', 17-20 December 2011.

Working on a collaborative project on 'Autonomy arrangements in the World' The Political Science Department of Babes-Bolyai University, Cluj-Napoca, Romania in cooperation with the European Center for Minority Issues, Flensburg, Germany.

Dr. Mollica Dastider: 40th World Congress of International Institute of Sociology held in New Delhi, 16-19 February 2012.

Present paper at the International Conference on 'Changing Dynamics of Nepali Society and Politics', Social Science Baha, Kathmandu, Nepal, 17-19 August 2011.

Presented Seminar on 'Discourses of Minority Cultures in East Himalayas' at the Department of Ethnology South Asia Institute, University of Heidelberg, Germany, 13 July 2011.

Dr. Nasreen Chowdhory: 'A Fine Balance?': Accommodating Tamils in Sri Lanka' paper presented in *International and Interdisciplinary Conference on Meaning, Culture and Values* hosted by the Centre of Arabic and African Studies, School of Language, Literature and Culture Studies, JNU, New Delhi, 5-7 January 2012.

'Problems of governability and impact of State on Forced Migration' paper presented in *International Association for the Study of Forced Migration (IASFM)* held at Makerere University, the Refugee Law Project, of Lawat Munyonyo Commonwealth Resort, Kampala, 3 July 2011.

Problems of Statelessness of Tibetans and Rohingyas in India and Bangladesh ' paper presented in *International Association for the Study of Forced Migration* at Makerere University, the Refugee Law Project, of Law at Munyonyo Commonwealth Resort, Kampala, 3- 6 July 2011.

Politics of 'home', homeland and citizenship rights among the global South Asian populations' paper presented in *Assessing the Complexities of South Asian Migration Conference* organized by Wilfred Laurier University, Canada, 19-21 May 2011.

Dr. Sohini Guha: 'Crass,' 'Corrupt' and 'Opportunistic': The Media, the Bahujan Samaj Party and the Reproduction of Caste', National Seminar on 'Mindscapes of Caste : Reconciling Equality and Justice,' Department of Political Science, University of Delhi, 23-24 March 2012.

Publications

Books

Chandhoke, N. 2012. *Contested Secessions: Rights, Democracy, Self-Determination and Kashmir*, New Delhi, Oxford University Press.

2011. (ed) 'Our Latest Democratic Predicament', *Economic and Political Weekly*, Vol XLVI, No.19, pp. 17-21.

Singh, U.K. 2012. 'Mapping Anti-terror legal regimes in India' in Victor Ramraj, Michael Hor, Kent Roach, and George Williams (eds.) *Global Anti-Terrorism Law and Policy*, Cambridge University Press.

2012. 'Indian democracy in search of a democratic state: Socio-Political challenges and state responses in contemporary India' in Tina Uys and Sujata Patel (eds), *Contemporary India and South Africa: Legacies, Identities, Dilemmas*, Routledge, Delhi.

Paper on 'From punishing 'actions' to reigning 'thoughts': Three regimes of anti-terrorism laws in India' presented in the Asian Studies Seminar series at the University of Sydney, Sydney, Australia, 29 March 2012.

Paper on 'Legality and Confessions in Colonial and Post-colonial India' presented at the Fifth Annual South Asia Legal Studies Pre-Conference, at the University of Wisconsin Law School, Madison, USA, 20 October 2011.

Expert paper on 'Historical and Contemporary Contexts of Anti-Terror Laws: India Paper' presented at the SAHR (South Asians for Human Rights) Regional Workshop on Human Rights and Counter-Terrorism Measures in South Asia to develop guidelines for states to observe when carrying out counter-terrorism measures, Kathmandu, 17-18 September, 2011.

Paper on 'Gendered Injustices: The 'Security State', Political Trials and Anti-Terror Law Regimes in India', at the Annual Meeting of the Law and Society Association, San Francisco, USA, 2-6 June 2011.

Paper on 'Between Moral Force and Supplementary Legality: A Model Code of Conduct in Indian Elections', at an international conference on Election Laws in India, at the North Carolina State University, USA, for a special issue of the Election Law Journal, 20-21 May 2011.

Behera, N. 2011. 'Re-Framing the Conflict,' in *A Tangled Web: Jammu & Kashmir*, ed., Ira Pande, New Delhi: Harper Collins, 2011.

2011. 'Causes of the Kashmir conflict and the Governance Initiatives for the Conflict Resolution' in a periodical India published in Italian, No. 4, by Istituto Affari Internazionali and Torino World Affairs Institute.

2012. Authored a Report on 'A Perception Survey of Media Impact on the Kashmiri Youth,' New Delhi: Institute for Research on India and International Studies.

2012. 'Internal Conflicts and Governance: Understanding India's Praxis,' in *Norms and Premises of Peace Governance: Socio-Cultural Similarities and Differences in Europe and India*, eds., Janel B. Galvanek, Hans J. Giessmann and Mir Mubashir, *Berghof Occasional Paper No. 32*, Berlin, Berghof Foundation.

Books

Acharya, A. 2012. (ed.) *Citizenship in a Globalizing World*, Pearson.

2012. 'Classical Conception of Citizenship' in Acharya (ed.), *Citizenship in a Globalizing World* Pearson.

Banerjee, M. 'Understanding Ayurveda from a Social Sciences Perspective' presented at a *Workshop on Academic challenges in Trans-disciplinary Research at the Institute of Ayurveda & Integrative medicine (I-AIM)* Bangalore, 21-22 June 2011.

'Outlines of a Politics of Knowledge: Ayurveda in Contemporary India' at the *Seminar Series of Centre for Political Studies*, Jawaharlal Nehru University, 12 October 2011.

'Medicines in India: Diversity of Form and Production Processes with Special Reference to Ayurveda and Other Medical Traditions in India' *Workshop on 'The Diversity-driven Path of Economic Development' (India)* at London School of Economics, London on 28 January 2012.

'Knowledge at the Bottom of the Pyramid: exploring the politics of Knowledge Swaraj' at the 40th IIS World Congress on *After Western Hegemony: Social Science and its Publics*, 16-19 February 2012.

Saxena, R. *Varieties of Federal Governance: Major Contemporary Models*, New Delhi, Foundation, Cambridge University Press India, 2011 (edited).

Reviews of my book published in *The Hindu* and *The Publius: Journal of Federalism published from USA*.

Articles

Kukreja, V. 2011. 'Federalism in Pakistan', Rekha Saxena(ed.) *Varieties of Federal Governance: Major Contemporary Models*, New Delhi, Foundation, 2011.

Datta, P.K. 2012. 'Women, abductions and religious identities in Colonial Bengal', *Gendering Colonial India: Reforms, Print, Caste and Communalism* (ed.) Charu Gupta, Delhi: Orient Blackswan.

2011. 'Rabindranath and the production of a critical cosmopolitanism', *Rabindranath Tagore and the Nation: Essays in Politics, Society and Culture* (ed.) Swati Ganguly and Abhijit Sen, Kolkata, Santiniketan: Punascha and Viswa Bharati.

2011. 'The cosmopolitanisms of an event: Rabindranath Tagore, Mahatma Gandhi and the Anglo Boer War', *On the Frontline: Critical essays on War* (ed.) Mridula Kapoor, Kolkata: Levant Books.

2011. 'Collectives Today: The novelties of the Rizwanur movement', Theorising the Present: Essays for Partha Chatterjee eds. Anjan Ghosh, Tapati Guhathakurta, Janaki Nair, New Delhi: OUP.

'Health of People, Traditional Medicine and the WHO: Trends and Issues in WHO Policies over the last fifty years' at the *PHARMASUD Workshop on Innovating from the South: Production, invention and appropriation of pharmaceutical knowledge in Brazil and India* held in Rio, 5-8 March 2012.

Saxena, R. 'Is India a case of Asymmetrical Federalism?', *Economic and Political Weekly*, 14 January 2012.

'Canadian Federalism: Structure and Evolution.' in M.P Singh and Shubhendu Ranjan Raj (ed.) *Indian Political System*, Delhi: Pearson, 2012.

'Secularism and Communalism in Indian politics: Dialectics and Dilemmas' in M.P Singh and Shubhendu Ranjan Raj (eds) *Indian Political System*, Delhi: Pearson, 2012. (Co-authored).

'Indian Constitution : Design and Institutional Functioning' in M.P Singh and Shubhendu Ranjan Raj (ed.) *Indian Political System*, Delhi: Pearson, 2012 (Co-authored).

Sukumar, N. 2011. B.R. Ambedkar's Perspectives on Democracy, in '60 Years of the Indian Constitution: Retrospect and Prospects', (ed) Kirti Narain and Mohini C. Dias, Delhi: MacMillan Advanced Research Series.

2011. B.R. Ambedkar: Democracy and Economic Theory, in 'Indian Political Thought: Themes and Thinkers', (Ed) M.P. Singh and I Himanshu Roy, Delhi: Pearson Publications.

Papers Presented

'*Travelling With 'Hello Baster': In Search of Utopias*', National Seminar on 'Indian Republic @ 60s: Appraisal from the Margins', Dept of Political Science, Ram Lal Anand College (Evening), University of Delhi, 21-22 March 2012.

'*Embodied Memories: a Journey with Ambedkar*', National Seminar on 'The Dalit Experience and the Question of Marginality', Department of English, University of Delhi, 16-18 February 2012.

'*Disability and Dignity*', National Seminar on 'The Rights of the Physically Challenged: Socio, Economic and Political Dimensions', A.S.N.M. Government College, Palakol, West Godavari, Andhra Pradesh, 2-3 December 2011.

'*Revisiting the Ambedkarite Notions of Democracy*', National Seminar on 'Ambedkar and Contemporary Indian Politics', Ambedkar University Delhi, 7 April 2011.

Giri, S. 'Those Enemies of Freedom', *Economic and Political Weekly*, 17 March 2012.

'Capitalism Expands But the Discourse is Radicalised: Whither 21st Century Venezuelan Socialism', *Critical Sociology*, January 2012.

Papers

Dastider, M. 2012. 'Refusing to Choose: The Muslim Madhesis and the Coexistence of Religious and Regional Identity in Nepal's Tarai' in *Nationalism and Ethnic Conflict* (eds) Hangen, S. and Lawoti, M., Routledge, London, 2012.

'Voices from the Margins: Matwali Mongoloids and Caste Nepali Culture in Darjeeling and Sikkim' *Social Science Probing*, 22: 1: 19-38, Vol. 22, No. 1, June 2010, 19-38 published in July 2011, New Delhi.

Guha, S. 2011. From Ethnic to Multiethnic: The Transformation of the Bahujan Samaj Party in North India. *Ethnopolitics*. October: 1-29.

Chapters

Devika, S. 2012. 'Energy in India's National Security Strategy', in Krishnappa Venkatshamy and Princy George (ed.), *India's National Security Strategy: 2020 Perspectives*, New Delhi: Pentagon Publishers.

2011. Energy Resources and Energy Security: Caught between State Sovereignty and 'State Responsibility', in *Energy Security. Managing Risks, Balancing Concerns and Developing Frameworks*, KAS Publication Series No. 32, 5th TERI-KAS International Energy Dialogue.

SOCIAL WORK

Major Activities

The Department of Social Work has been promoting practice based research as it is embedded in social work research in all possible manners. This tradition continued even in the past year as Nine projects were undertaken by various faculty members. These projects were supported by agencies like the Delhi Government, Confederation of Indian Industry, WHO, Moser Baer India Ltd. Tehri hydro development corporation.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	3
M.Phil.	-	8

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Due Diligence of CII Women Exemplar Awards (2011).	Dr. Manoj K. Jha	Confederation of Indian Industries
Rapid Assessment Study of Temporary Night Shelters in Delhi.	Prof. Sanjai Bhatt Ms. Ghazala Jamil	Department of Social Work

Promoting Awareness Among School Children on Rational Use of Medicines in NCT of Delhi.	Dr. Neera Agnimitra	WHO, DSPRUD and Directorate of Health Services, Govt. of Delhi
Changing Lives: An Input Assessment Study of Centre for Community Development and Action.	Dr. Neera Agnimitra	Social Work
Corporate Social Responsibility in Indraprastha Gas Limited.	Dr. Seema Sharma	Indraprastha Gas Ltd.
Baseline Need and Capacity Assessment, Rishikesh.	Dr. A. Malathi Dr. Neera Agnimitra	CSR, Tehri Hydro Dev. Corp.
A Study of Conceptualization and Correlates of Death among Individuals.	Dr. Archana Kaushik	R&D Programme, University of Delhi
A Study of Elderly-Care Through a Distance in India.	Dr. Archana Kaushik	R&D Programme, University of Delhi
Five years of Moser Baer Trust- An Impact and Process Evaluation Study.	Ms. Ghazala Jamil	Moser Baer India Ltd.

Publications

Batra, S. 2011. *Turbulent Teens: Approaches to Adjustment* Co-author with P. Unnikrishnan, New Delhi: Mittal Prakashan.

Bhatt, S. Changing families and Emerging Challenges - Harmony, *Delhi Family Courts Journal*, Vol.1, No.1, June, 2011.

Bhatt, S. and Singh, A.P. Convergence of Developmental Schemes in 33 Urban Poverty Alleviation with Special Reference to Delhi, *Urban Panorama - a Journal of Urban Governance & Management*, Vol. X, No. 1, January-June 2011.

Bhatt, S. and Chauhan, S. Right to Decent Work for Workers in the Informal Economy, *Contemporary Social Work*, Vol. 3, Issue 1, January-June 2011 ISSN 0975-1793.

Agnimitra, N. Delhi University Reaches Sikkim: A Report by the Earthquake Appraisal Team, Department of Social Work, University of Delhi (Co-authored), October, 2011.

Kaushik, A. Media Representation of elderly in India. *The Readers'*, New Delhi: Paradise Publications.

Active Ageing: A Study of elderly contributing in urban life. Germany: VDM Verlag Dr. Mullar Publication.

Guite, N. Indigenous medicine and health care among Paite tribe in Manipur, New Delhi: Concept publishing company.

Chapter in a Book

Jha, M.K. 'Story of an Imaginary movement: Uncovering the Anna Spectacle in a compendium' titled, *Movements in Democracy: Anna Movement and Beyond*, Aakaar Books.

Singla, P. 'Capacitating Poor Women: The Indian Way' (2011), paper in 'International Symposium on Poverty Alleviation Strategies: Experience and New Idea—Edited Collection of Symposium Papers', by Kunduraci, N.F. et al (ed.), Vol. I, Ankara: GDSAS Publishers.

'Community Governance in Rajasthan' (2011), in 'Local Governance: Search for New Path', by Ghosh, B., Mohanty, B. and Jacob, N. (ed.), New Delhi: Concept Publishers.

Guite, N. 2011. 'Indigenous medicinal substances and health care in Manipur: Economic viability and sustainability', in Anand, S. and Kumar, I. (ed.), 'Selected papers in development studies: Asymmetry: A key challenge', Germany: Lambert Academic Publisher.

Articles

Jha, M.K. The Spectacle Unlimited: Manufacturing the Anna phenomenon, *Hardnews*, August 2011, *Hardnews*, September 2011.

Under the cover of a National Movement; how skewed version of nation and nationalism is packaged to call Anna Hazare's movement a national movement *Hardnews*, Oct. 2011.

The Un-Gandhian from Ralegaon Sidhhi, *Hardnews*, November 2011.

Sharma, S. 2011. Corporate social Responsibility and Emerging Economy: Issues in Development Debate in Mac Millan Advanced Research Series, New Delhi.

Corporate Social Responsibility in India in *The Indian Journal of Industrial Relations*, Vol. 46, No. 4, April 2011.

Singla, P. Review of book, 'Mukherjee, Neela, Speaking to Power 27 Voice Tools: Building Bridges for Participatory Learning, Action and Policy Making'. New Delhi: Concept Publishing Company, for Geo Updates, Vol. 2, No. 3, July 2011, New Delhi: Bhoovigyan Vikas Foundation.

SOCIOLOGY

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	2
M.Phil.	-	15

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
'Problems of Identity and Ethnicity in North East India: Politics of Contestations, Movements and Ethnic Assertions'.	Dr. Aphun Kamei	R&F

‘Explaining Differential Coverage’
has come to an end. Currently working
on 'The State and the Refugees in West
Bengal and Tamil Nadu'.
Dr. Abhijit Dasgupta SUM –MEDIC

‘Determinants of Entry into Higher
Education’ based in Hubli, Karnataka
and Ajmer, Rajasthan.
Dr. Satish Deshpande ICSSR

Appointments of faculty members to higher Post/Assignment

Prof. Satish Deshpande: Directeur d 'Etudes invité, at the Centre d'études de l'Inde et de l'Asie du sud (CEIAS), Ecole des Haute Etudes en Sciences Sociale, Paris in April-May 2011.

Prof. Meenakshi Thapan: Visiting Fellow, University of Milan (under the European Studies Programme, University of Delhi) for research in Italy on the theme *Indian migrants and their others: understanding migration in contemporary Europe*, 25 May-21 July 2011, and Visiting Fellow, CEIAS (Centre for the Study of India and South Asia), EHESS, Paris, 2-8 October 2011.

Dr. Rajni Palriwala: Member, Advisory Core Group for the Study entitled, 'Need Assessment for Creches and Childcare Services', being conducted by FORCES.

Dr. Janaki Abraham: Reviews co-editor for the *Journal Contributions to Indian Sociology*.

Dr. Yasmeen Arif: Reviews co-editor for the *Journal Contributions to Indian Sociology*.

Dr. Roma Chatterji: Secretary, Institute of Socio-Economic Research on Development and Democracy.

Member, Editorial Boards of *South Asian Culture*, *Journal of Indian Folkistics*,
corresponding editor, *Medical Anthropology Quarterly*.

Member, Advisory Committee, Delhi Public Library and Centre of Community Health
and Social Medicine, JNU.

Dr. Radhika Chopra: Member, Editorial Board, *Sikh Formations: Religion, Culture, Theory*
Routledge, Taylor and Francis; Member, Editorial Board, *Culture, Society and Masculinities*,
Men's Studies Press.

Dr. Abhijit Dasgupta: Member, Editorial Board of the *Journal of Exclusion Studies*.

Dr. Satish Deshpande: Member, Editorial Board, *International Sociology*; Member,
Editorial Advisory Board, *South African Review of Sociology*.

Dr. Deepak Mehta: Member, Institute of Socio-Economic Research on Development
and Democracy; Co-editor, *Contributions to Indian Sociology*.

Dr. Rajni Palriwala: Member, Editorial Board, *Sociological Inquiry*; Member, Editorial Board, *Women's Equality*; Member, Executive Committee, Indian School of Women's Development and Studies; Member, Indian Sociological Society; Member, Indian Association of Women's Studies.

Dr. Nandini Sundar: Member, Editorial Board, *American Anthropologist*; Member, Editorial Board, *International Review of the Red Cross*; Member, Editorial Board, *International Journal of Conflict and Violence*; Member, Advisory Committee, Arunachal Institute of Tribal Studies, Rajiv Gandhi University.

Seminar/Conference held

International Seminar, 'Challenges of Development in North East India: Issues and Concerns' was organized under the 'Thrust Areas' of 'Sociology of Marginality' and 'Society and the State', 3-4 November 2011.

Seminars/Conferences attended

Dr. Janaki Abraham: Presentation as part of session on 'Experiences of Handling Cases of Sexual Harassment and Preventive Strategies' at the National Seminar on Addressing Sexual Harassment in Educational Institutions organised by the University of Mumbai, 6-7 January 2012.

Dr. Rita Brara: Read a paper on 'The Language of Flowers in Contemporary Paris' at L'école des hautes études en sciences sociales (EHESS), Paris, 17 June 2011.

Read a paper on 'The Visual Culture of Meat-Shop Signs in the Inter-Faith Milieu of Delhi' at Aarhus University, Denmark at a Conference titled 'Visual Cultures in Contemporary India', 8 December 2011.

Dr. Roma Chatterji: Presented, 'Writing Pasts. The Verpleeghuis and its Social Imaginary', at European Studies Workshop, Delhi University, 17 March 2011 and also in the panel on 'Publics: Historical, Cultural and Institutional Contexts' at 'Thinking Europe, Thinking Asia', the International Conference organized by the European Studies Programme, Delhi University, 26 November 2011.

Presented key note address at National Conference on the 'Folk Culture and Dance' at the Central University of Jharkhand, Ranchi, 28 September 2011.

Presented '9/11 and the Bards of Bengal' at an International Conference on 'Visual Culture in India', organized by the India Study Centre at Aarhus University, Denmark, 8 December 2011. She also gave a lecture on 'The Making of a Folk Art Tradition' in the University of Copenhagen, 14 December 2011.

Dr. Radhika Chopra: *A Shrine and its Museum: Memory, History and Politics in the Sikh Golden Temple*, Paper presented at 40th IIS World Congress, 16 February 2012.

A Shrine and its Museum, Workshop 'Visual Cultures in Contemporary India', CISCA, Aarhus University, Denmark, 8 December 2011.

Convener, Panel 'Shards of Memory: Memorials, Commemorations, Remembrance', 40th IIS World Congress, *After Western Hegemony: Social Science and its Publics*, 16-19 February 2012.

Dr. Abhijit Dasgupta: Presented a paper on 'Changing Paradigm: Anthropology and Agrarian Structure in India', Department of Ethnological Sciences, University of Munich, Germany, 8 June 2011.

Presented a paper on 'Tamil Tigers in Indian Special Camp: Refugees and the Legal Discourse of the State' at the Refugees Study Centre, Queen Elizabeth House, University of Oxford, 21 June 2011.

Dr. Satish Deshpande: Indian Council for Social Science Research, International Conference on 'Indian Social Sciences in the Changing World: Roles, Responsibilities and Reforms', Ashok Hotel, New Delhi. Presentation: *Social Science in a Postnational World: Towards a Contemporary Politics of Location*, 7 February 2012.

Centre for the Study of Social Exclusion and Inclusive Policy, National Law School University of India, Bengaluru. National Consultation on 'Religious Minorities and Inclusive India'. Presentation: *Intractable Intersections: Community, Minority, Inequality*, 25 January 2012.

Indian Institute of Advanced Study, Shimla. National Seminar on Annihilation of Caste. Presentation: *The Law and the Annihilation of Caste: Non-Discrimination, Inequality, Backwardness and Castelessness*, 21-23 November 2011.

Centre d'études de l'Inde et de l'Asie du sud (CEIAS), Ecole des Haute Etudes en Sciences Sociale, Paris. Presentation: *Citizenship as Shared Sovereignty: Postnational Predicaments*. 10 May 2011.

Centre d'études et de recherches internationales (CERI), Sciences Po, Paris. Presentation: *Credential Capital, Social Inequalities and Higher Education in India*, 4 May 2011.

Centre d'études de l'Inde et de l'Asie du sud (CEIAS), Ecole des Haute Etudes en Sciences Sociale, Paris. Presentation: *The Grain of the Social: Rethinking 'Rural' and 'Urban' in 21st Century India*. 26 April 2011.

Dr. Aphun Kamei: Chair-discussant for a panel on 'Peace and Cultural Dialogue' at the International Conference on 'Building a Better Asia: Future Leaders' Dialogue at Osaka, Japan, 21 April 2011.

'Globalization and Changing Tribal Identity in the North East India', presented a National Seminar organized by 'Naga Forum Delhi' and 'Naga Cultural Research Society, Delhi at the Conference Centre, Delhi University, 16 May 2011.

Dr. Satendra Kumar: Paper titled: 'Media vs. Candidates: Contradictory Visual Representations of Politicians in the Vernacular Press in India's 2010 Local Elections', presented in the Conference, at Oslo University, Norway, 10-11 December 2011.

Dr. Rajni Palriwala: Discussant at the Closing Conference of the Pathways of Women's Empowerment Research Programme, BRAC University, entitled, 'Revisioning Women's Empowerment: New Horizons', held in Dhaka, Bangladesh, July 2011.

Presentation on 'Trends and Concerns in India' at the International Seminar on *Missing Girls in South Asia: Trends and Challenges*, held in Rajendrapur, Bangladesh, July 2011.

Discussant at the conference entitled *Reconstruction of Intimate and Public Spheres in a Global Perspective* organised by the ISA RC06 (CFR), the Japan Society of Family Sociology and the Kyoto University GCOE programme, held at Kyoto University, Japan, September 2011.

Lecture on 'Gender and/in Ethnography' and resource person at the Workshop for young sociologists, entitled *Doing Research, Doing Ethnography*, a pre-conference programme of the XXXVII All India Sociological Conference held at the IIT, Delhi, December 2011.

Lecture on 'Ethnography and Feminist Research' at a Workshop on *Feminist Research Methodology*, a post-conference event of the XXXVII All India Sociological Conference, organised by RC-10 (ISS) and the Rajiv Gandhi National Institute of Youth Development, Sriperumbudur held at Jawaharlal Nehru University, December 2011.

Participated in the International Workshop on *Internationalisation and Afropolitanism-Strategising Global Studies*, held at the University of Capetown, South Africa, Dec. 2011.

Dr. Nandini Sundar: Presented on 'Operation Green Hunt: Past Continuous' at the Workshop on Violent Modernities. Jindal Global Law School, Sonipat, 2 April 2011.

Dr. Meenakshi Thapan: Plenary speaker on 'Imagined Landscapes: Europe through the Gaze of Indian Youth' at the International Conference on Youth and Migration organized by the Rajiv Gandhi National Institute of Youth Development, Sreeperumbudur, and Centre for Development Studies, Trivandrum, 18-19 January 2012.

'Aspects of 'Otherness' in Migration: Indian Immigrants in Northern Italy', at an invited talk at the Centre for the study of India and South Asia (CEIAS), EHESS, Paris, 4 October 2011.

Invited talk on 'Schooling, Identity and Citizenship', at the CEIAS, EHESS, Paris, 6 October 2011.

'Strangers and their Others: Understanding Migration in Europe' at a conference on *The transfer of Indian Diversity: South Asian Migration in Belgium and Beyond* at the Katholieke Universiteit, Leuven, 8-9 July 2011.

Publications

Abraham, J. 2011. 'Why did you send me like this?': Marriage, Matriliney and the 'Providing Husband' in North Kerala, India. *Asian Journal of Gender Studies*, Vol. 17, No. 2, pp. 32-65.

2011. Weddings and Videos: Representing conjugality in Contemporary Kerala in *Intimate Others: Marriage and Sexualities in India*, (eds) Sen, S., Biswas, R. and Dhawan, N., Kolkata: Stree.
- Brara, R. 2011.** Flowers and Gender in Contemporary Paris: Reflections on a Visual Study. *Working Paper Series 2011/XIII*. European Studies Programme, DU, 2011.
2011. Why a Cousin Becomes a Spouse: Elementary, Says Levi-Strauss. In 'My Favourite Levi-Strauss' ed. Dipankar Gupta. New Delhi: Yoda Press, pp. 62-86.
2011. Comments on Prof. Strathern's 'What's in an Argument: Reflections on Knowledge Exchanges' European Studies Programme, Working Paper Series, XI.
- Chatterji, R. 2012.** *Speaking with Pictures: Folk Art and the Narrative Tradition*. Routledge India.
2011. 'Performative Genres as Boundary Markers: The Case of Purulia, West Bengal.' In Daniel Rycroft and Sangeeta Dasgupta eds. *The Politics of Belonging in India*. London: Routledge.
2011. 'The Transmission of Art Traditions: Children and Folk Art in India'. *South Asian Journal of Culture*. Vol. 3.
2011. 'Folkloric Representation and the Making of Patua Identity'. *Social Science Probings*. Vol. 22 (1).
2011. 'Writing Pasts: The Verpleeghuis and its Social Imaginary'. European Programme, Delhi University: Occasional Paper Series/6.
2011. 'Saying God into Presence: Narrative Embodiment in Folk Religion', in Sharma, A.K. (ed.). *Religion and Culture in Indian Civilization. Essays in Honour of Prof. C.N. Venugopal*, New Delhi: D.K. Printworld.
- Chopra, R. 2011.** *Militant and Migrant: The Politics and Social History of Punjab*. London, NY, New Delhi: Routledge.
2011. 'Local Lives, Global Dialogues: Shifting Discourses of Masculinity in India' in Andrea Cornwall, Jerker Edström and Alan Greig (eds) *Men and Development: Politicizing Masculinities*, London: Zed Books.
- Servitude and Sacrifice, *Masculinidadesy Cambio Social*, No. 1, Vol. 1, February, 2012, Hipatia Press.
- Refugees and Asylum Seekers: A comparative study of two communities and their children in Delhi. A Report*. UNHCR, Geneva/New Delhi.
- Dasgupta, A. (Co-ed.). 2011.** *Minorities and the State: Changing Social and Political Landscape of Bengal*, New Delhi: Sage.
2011. 'On the Margins: Muslims in West Bengal' in Dasgupta et. al. 'Minorities and the State: Changing Social and Political Landscape of Bengal', New Delhi: Sage, pp.18-38.

- 2012.** 'Naxalbari Uprising and the Land Question' in Guha, A. (ed.) *Maoism in India: Ideology and Ground Reality*, Kolkata: INCAA, pp. 25-35.
- 2012.** (edited) *On the Margins: Castes, Tribes and Other Social Groups*, New Delhi: Sage Publication.
- 2012.** 'Introduction', in Dasgupta, A. (ed.) *On the Margins: Castes, Tribes and Other Social Groups*, New Delhi: Sage Publication.
- Deshpande, S. 2012.** 'Social justice and higher education in India today: Markets, ideologies and inequalities in a fluid context', in Nussbaum, M. and Hasan, Z. (eds), *Equalizing Access: Affirmative Action in Higher Education in India, United States and South Africa*, New Delhi: Oxford University Press, pp. 212-38.
- 'Revisiting the Basics', in *Seminar*, n. 624, August 2011, pp. 14-18.
- Kamei, A. 2011.** *Situating Conflict and Poverty in Manipur*, CPRC-IIPA, New Delhi, (with Anand Kumar, Kh. Bijoykumar Singh and Homen Thangjam).
- Kumar, S. 2012.** Ethnography of Youth Politics: Leaders, Brokers and Morality in a Provincial University. *History and Sociology of South Asia: Contemporary Perspectives*, 6(1): 41-70.
- Palriwala, R. 2011.** (with Neetha, N.) 'The Absence of State Law: Domestic Workers in India', *Canadian Journal of Women and the Law*, 23(1): 97-119.
- 2011.** (with Neetha, N.) 'Stratified Familialism: The Care Regime in India through the lens of Childcare', *Development and Change* 42(4): 1049-1078.
- Thapan, M. 2011.** Schooling, Identity and Citizenship. In Singh, Y. (ed.) *Schooling, Stratification and Inclusion. Some Reflections on the Sociology of Education in India*. NCERT.
- Understanding constructions of 'otherness' in migration: the case of northern Italy, Working Paper Series, 2011/XII, European Studies Programme, University of Delhi.
- (ed.) *Sociology of Education. Values, Roles, Institutions*. Reader in the Series on Sociology and Social Anthropology in India. Oxford University Press, India.
- Patel, T.** 2nd edition in 2011, *Understanding Indian Society: Past and Present, essays in honour of A.M. Shah*, Baviskar, B.S. and Patel, T. (eds) New Delhi: Orient Black Swan.
- Sundar, N.** The Rule of Law and Citizenship in Central India: Post-colonial Dilemmas. *Citizenship Studies* 15 (3-4) July 2011: 419-432.
- 2012.** Adivasi Politics and State Responses: Historical Processes and Contemporary Concerns. In Gupta, S.D. (ed.) *Narratives from the Margins*. Delhi: Primus Books.
- At War with Oneself: Constructing Naxalism as India's Biggest Security Threat. In Michael Kugelman (ed.) *India's Contemporary Security Challenges*, Washington, DC: Woodrow Wilson International Center for Scholars, 2011. (different version in Jeffery, R. (ed.) *More than Maoism*. Manohar 2012.

FACULTY OF MUSIC AND FINE ARTS

MUSIC

Major Activities

The year 2011-2012 witnessed all round progress and development of the Faculty of Music & Fine Arts both on the academic and cultural front. The growing interest of the society for knowledge of music has resulted in increasing demand for the subject and a greater number of students were enrolled for the course. Valuable contributions were made by the teachers and students in various seminars, lecture demonstrations, music concerts organized by the Department. Students excelled in performances and some were also selected to participate in prestigious music conferences while a few of them have achieved the honour of becoming graded artistes of All India Radio and Doordarshan.

The Department has been surging ahead in research activities as well. For the Ph.D. programme scholars are engaged in technical and scientific studies, critical analyses, in-depth study of practical aspects, comparative and aesthetical study, etc., etc. Our educational programme has attracted students not only from India but even from various parts of the world.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	21
M.Phil.	-	30

Research Schemes

<i>Title</i>	<i>Sponsoring Organization</i>
Special Assistant Programme DRS-III.	UGC

Honours/Distinctions

Prof. Anjali Mittal: Resource person, I was invited by the Mahatma Gandhi Institute of Music, University of Mauritius, Mauritius.

Prof. Suneera Kasliwal: Music Forum, Research Award, 2011 at Mumbai.

Dr. P.B. Kannakumar: Awarded the title 'Isai Gnana Sudaroli' by the organisation 'Apoorva Ragam'.

Dr. T.V. Manikandan: 'Printania Award' from Navasadhana Sangit Samiti- Banararas.
Emeritus Fellow Prof. Najma Perveen Ahmad.

Dr. Prateek Chaudhuri: Visiting fellow at GNDU University, Amritsar.

Dr. Shelender Kr. Goswami: Expert member for the selection of Teacher in Kendriya Vidyalaya Sangaathan, December 2011.

Expert member for revision of Certificate Programme in Performing Arts.

Seminar/Conference held

UGC International Seminar – “Musical Tradition of Asian Countries – An Analytical View” was held at the Sir Shankar Lal Concert Hall, University of Delhi, 1-2 March 2012.

Seminars/Conferences attended

Prof. Anupam Mahajan: Jurisdiction & Advisor on India in India Art Council, Singapore.

Prof. Anjali Mittal: Workshop at Mahatma Gandhi Institute of Music, University of Mauritius, Mauritius, June 2011.

Prof. Suneera Kasliwal: Participated in the International Seminar, Music, 21-22 Jan. 2012.

International Seminar of Indian Musicological Society, in Mumbai, January 2012.

Dr. Prateek Chaudhuri: Paper presented Traditions in Indian Classical Music Concept of Bandish in Instrumental Music-Traditional Form and New Aspects.

Dr. Shelender Kr. Goswami: Presented paper ‘Gayan Vadan Mein Bandish Ki Upadhyata’ in Kanohar Lal Girls P.G. College, UP, December 2011.

Dr. Sudeepta Sharma: Asian Games 1982 and Common Wealth Games 2010: Their Positive and Negative implications in sports and Culture International Conference on G.I.S.P.P.E.S.S., Gurukul Kangri Vishwavidyalaya, Haridwar, February 2012.

A Study of the Socio-Cultural Factors in the Development of Human Life-International Seminar on Rethinking Development: Searching for Alternatives, Faculty of Social Science, Banaras Hindu University, Varanasi, March 2012.

Presented paper on National Conference on Mangrove Wetlands and Near Shore Marine Ecosystem From Sustainability Issues to Management & Restoration, School of Environmental Sciences, Jawahar University, New Delhi, March 2012, p. 98.

Presented paper on Traditional Value of Indian Music with reference to Spiritualism. Spiritual World Conference, Govt. College Bahadurgarh, Haryana, March 2012.

Presented paper on Ayurvedic Seminar NSRAFCA-2012, R.G.S.C., Barkachha, Banaras Hindu University, March 2012.

Sh. Jagbandhu Prasad: Attended the Seminar on ‘Current Trends in Music Therapy Practices: Methodology, Techniques and Implementation’ at Faculty of Music & Performing Arts, Banaras Hindu University.

Publications

Journal Article

Mahajan, A. 2012. The editor, *Vageeshwari*, 2012.

Bhalla, D. 2012. ‘Revival of Mohiniyattam’- Article published in KELI, Journal of Kerala, Sangeet Natak Akademi-June-September 2011.

‘Performing Arts’ article published in *Heritage India*, Pune, May-August 2011.

Dey, A.K. 2012. Elements of Performance in Hindustani Music beneficial to Mental Health, in yearly Journal “*Vageshwari*” of Faculty of Music & Fine Arts.

Goswami, S. 2012. ‘Hindustani Shastriya Sangeet Ko Sadarag-Adarang Ki Den’ in the *Journal of Department of Development of Punjabi Language*, Punjabi University, Patiala.

Kannakumar, P.B. 2012. ‘Reference to Musical instruments in compositions of Tyagaraja’, in yearly Journal “*Vageshwari*”, March 2012.

2012. Released C.D.-Composition of Ramaanad Srinivasa Iyengar.

Manikandan, T.V. 2011. ‘Meditation’ in *Bhawans Journal*, 2012. Musical Heritage of Kerala in yearly “*Vageshwari*”.

Prasad, J. 2012. ‘Sangeet Dwara Mansik evam Sharirik Rog Nivaran’ in B.H.U.

Bharatiya Sangeet Ki Atama ‘Sangeet’, in yearly Departmental Journal ‘*Vageshwari*’, of Faculty of Music and Fine Arts.

Sharma, S. 2012. Music Therapy; Traditions & Essentials, in B.H.U, Varanasi & ICCR, pp. 18-21 and Interdependence of Music and Sports with education and Mental Health of Children, February 2012, p. 372.

Traditional Value of Indian Music with Reference to Spiritualism.

Singh, R. 2012. Geet: Paribhasha, Prishthbhoomi evam Prayojan in yearly Journal ‘*Vageshwari*’ of Faculty of Music & Fine Arts.

Vyas Suneera Kasliwal, 2011. A detailed life sketch of Pt. Uma Shanker Mishra, in *Sangana* published by Sangeet Natak Akedemi.

Abstract

Sharma, S. Spirituality and its Scientific and Socio Economical Perspective.

2012. Spiritual World Conference, Govt. College Bahadurgarh, Haryana, p. 107.

Environment Management and Economic Development of Mangrove, Wetland and Near Shore Surroundings.

National Conference on Mangrove Wetlands and Near Shore Marine Ecosystem From Sustainability Issues to Management & Restoration, School of Environmental Sciences, Jawahar Lal Nehru University, p.98, March 2012.

Books

Bhalla, D. and Omcherry, L. 2012. ‘*Karuna Chaivan*’, Kottayam: D.C. Books.

Verma, R. 2011. ‘*Bhartiya Sangeet Mein Amir Khusro*’.

FACULTY OF MEDICAL SCIENCES

ANATOMY (UCMS)

Publications

Bharihoke, V., Keswani, N.H. and Bijlani, V. 2011. 'Effect of Denervation of Pineal Gland of Rhesus Monkey'. *J. Anat. Soc. India.* 60(1): 102.

Chauhan, R. 2011. *Anatomy for B.Sc. Nursing*, Avichal Publication.

Dixit, S.G., Kaur, J. and Kakar, S. 2012. 'Racial Variation on articular surface of Talus (Astragalus) in North Indian Population'. *Journal of Forensic and Legal Medicine.* doi 10.1016/j.jfl.

2011. 'Bilateral elongated coronoid process of mandible'. *International Journal of Anatomical Variations.* 4: 25-7.

Kalra, S., Tuli, A., Choudhry, R. and Raheja, S. 2011. 'Comparative study to evaluate the anticardiolipin antibody IgG associated with first trimester recurrent abortions in pregnant and non pregnant women'. *Journal of International Medical Sciences Academy.* 24(2): 57-58.

Chauhan, P., Kalra, S., Jain, S.K., Munjal, S. and Anurag, A. 2011. 'Relationship between palmar skin creases and osseous anatomy-a radiological study identification'. *Journal of Morphological Sciences.* 28(3): 184-188.

Nagar, M. and Singh, A. 2011. 'An Osteometric Analysis of Adult Human Femurs'. *J. Anat. Soc. India.* 60(1): 112.

2011. 'An Anthropometric Study of the Humerus in Adults'. *J. Anat. Soc. India.* 60(1): 113.

Kumar, A. and Nagar, M. 2011. 'Morphometric Evaluation of the Adult Human Orbital Cavity'. *J. Anat. Soc. India.* 60(1): 112.

2011. 'Human Adult Occipital condyles – A Morphometric Analysis'. *J. Anat. Soc. India.* 60(1): 114.

Kumar, A., Nagar, M. and Khatri, K. 2011. 'A Histomicrometric Study of the Seminiferous Tubules of Rat Testis after Administration of deltamethrin'. A Poster Presentation at *J. Anat. Soc. India.* 60(1): 146.

Ralte, S., Khatri, K. and Nagar, M. 2011. 'Effects of Bisphosphonate on the Histomorphology of the Growing Long Bone in Albino Rats'. A Poster Presentation at *J. Anat. Soc. India.* 60(1): 150.

Ralte, S., Kamlesh, K. and Nagar, M. 2011. 'Short term effects of Soledronate on the histomorphology of osteoclast in young albino rats'. *Annals of Anatomy.* 193: 509-515.

Wadhwa, S., Bali, S. and Wadhwa, P. 2012. 'Porcelain Kidney': Case Report and Review of the literature. *Urol Int.*; doi : 10.1159/000335490.

ANATOMY (LHMC)

Honours/Distinctions

Dr. Shashi Raheja: Awarded for the Best Oral Presentation at 6th Asia Pacific International Congress of Anatomy & 13th National Congress of Indonesian Anatomist Association at Surabaya, Indonesia, 23 July 2011.

Publications

Agarwal, S., Tuli, A. and Raheja, S. 2011. 'Communication between median and musculocutaneous nerves in the forearm hooking around the origin of the median artery: A rare variation'. *Anatomical Science International*: 86(3): 175-177.

Ghosh, S.K. and Paul, S. 'Anatomy of the retrohepatic segment of inferior vena cava and the ostia venae hepatica with its clinical significance'. *Surgical and radiological Anatomy*. doi 10.1007/s00276-011-0915-6.

Ghosh, S.K., Raheja, S., Tuli, A., Raghunandan, C. and Agarwal, S. 2012. 'Serum PLGF as a potential biomarker for predicting Preeclampsia'. *Archives of Gynaecology and Obstetrics*; 285(2): 417-422.

Kalra, S., Tuli, A., Raheja, S. and Choudhry, R. 2011. 'Comparative study to Evaluate the Anticardiolipin Antibody IgG in pregnant and non-pregnant women with First Trimester recurrent abortions'. *JIMSA*, 24(2): 57-58.

Saha, S., Vasudeva, N., Paul, S. and Gautam, V.K. 2011. 'Study of acromial morphology in Indian population'. *Rev Arg de Anat Clin*, 3(2): 84-88.

ANAESTHESIOLOGY AND INTENSIVE CARE (MAMC)

Publications

Kumar, N., Bhalotra, A., Behera, D., Manchanda, G., Anand, R. and Girdhar, K.K. 2011. 'Transfusion reactions in pregnancy: the tip of the iceberg?' *Anaesthesia and Intensive Care*, Vol. 39, No. 3.

Gupta, E., Kumar, N., Bathari, R., Bhalotra, A.R., Manchanda, G. and Anand, R. 2011. 'Selective endobronchial intubation in a child using a rigid Bronchoscope'. *Pediatric Anesthesia*, 21: 980-993 © Blackwell Publishing Ltd.

Chaudhary, K., Anand, R., Girdhar, K., Manchanda, G., Panda, A.K. and Bhalotra, A.R. 2011. 'Anesthetic management of a patient with congenital diaphragmatic eventration'. *Journal of Anesthesia*: Vol. 25, Issue 4, pp. 585-588.

Nishant, Debdutta, B., Dali, J.S., Arya, M. and Amita, G. 2011. 'Cricoid pressure with Truview Evo2™ laryngoscope improve the glottic view'. *Canadian Journal of Anaesthesia*; 58: 810-14.

- Nishant, Debduitta, B. and Dali, J.S. 2011.** 'A possible explanation for cricoid pressure to improve the laryngeal view with Truview Evo2™ laryngoscope'. *Canadian Journal of Anaesthesia*; 58: 1146-48.
- Kerai, S., Saxena, K.N., Anand, R., Dali, J.S. and Taneja, B. 2011.** 'Comparative evaluation of Transversus abdominis plane block with Transcutaneous nerve stimulation for postoperative analgesia following lower segment caesarean section'. *J. Obstet Anaesth Crit care*; 1: 30-4.
- Bhardwaj, A., Dharmavaram, S., Wadhawan, S., Sethi, A. and Bhadoria, P. 2011.** 'Donepezil: A cause of inadequate muscle relaxation and delayed neuromuscular recovery'. *Journal of Anaesthesiology Clinical Pharmacology*, Vol. 27, Issue 2, pp. 247-248.
- Bindra, T., Nihalani, S.K., Bhadoria, P. and Wadhawan, S. 2011.** 'Use of intubating laryngeal mask airway in a morbidly obese patient with chest trauma in an emergency setting'. *Journal of Anaesthesiology Clinical Pharmacology*, Vol. 27, Issue 4, pp. 544-546.
- Bhadoria, P., Dutta, K., Bhadoria, K., Kumarm, M., Singh, B., Singh, S., Kumar, R., Bhadoria, D.P. and Sharma, G.L. 2011.** 'Patients With A SOD2 Polymorphism Are Prone To Exacerbations', *Am J. Respir Crit Care Med*; 183: A1340.
- Bhadoria, D.P., Kumar, M., Bhadoria, K., Dutta, K., Singh, B., Singh, S., Kumar, R., Bhadoria, P., Gupta, J., Makker, J.S. and Sharma, G.L. 2011.** 'Polymorphisms of An Antiprotease Gene In Patients Of Bronchial Asthma', *Am J. Respir Crit Care Med*; 183: A1341.
- Gupta, L. and Bhadoria, P. 2011.** Igel removal made easy: A 'Tube within Tube' assembly. *BJA*, 107(5).
- Varshney, P.G., Kumar, R., Kumar, S., Gupta, N.R. and Kumar, K. 2011.** 'Neck flexion to correct the placement of a malplaced Laryngeal Mask Airway Supreme'. *J. Clin Anesth.* 23(7): 596-7.
- Varshney, M., Sharma, K., Kumar, R. and Varshney, P.G. 2011.** 'Appropriate depth of placement of oral endotracheal tube and its possible determinants in Indian adult patients'. *Indian J. Anaesth*; 55: 488-93.
- Chaudhary, K., Kumar, R., Kumar, S. and Gupta, N.R. 2011.** 'An assembly to allow nebulization and oxygen enrichment of spontaneously breathing tracheostomized patients on T-piece'. *J. Anaesth Clin Pharmacol*; 27(4): 569.
- Bansal, P., Sareen, B. and Saxena, K.N.** Bizarre unanticipated difficult mask ventilation. http://bja.oxfordjournals.org:80/cgi/qa-display/brjana_forum;1.
- Sharma, R., Dua, C.K. and Saxena, K.N. 2011.** 'A randomised controlled study comparing the effects of laryngeal mask airway and endotracheal tube on early postoperative pulmonary functions'. *Singapore Med J.* 52(12): 874.

Saxena, K.N. Kumar, S., Taneja, B. and Gaba, P. 2011. 'Awake Fiberoptic Intubation in the Sitting Position in a Patient with a Huge Goitre', *Case Reports in Anesthesiology*, Vol. 2011, Article ID 352672, pp. 1-3, doi:10.1155/2011/352672.

Garg, P., Gaba, P., Saxena, K.N. and Taneja, B. 2011. Anaesthetic implications of antiphospholipid antibody syndrome in pregnancy *Journal of Obstetric Anesthesia and Critical Care* (1): 35-37.

Arya, M., Garg, R. and Dua, C.K. 2011. 'Comparison of recovery profile in selective spinal anaesthesia using lignocaine and sufentanyl with propofol based general anaesthesia for gynaecological laparoscopy surgery: a randomized controlled study'. *Anaesthesia, Pain and Intensive care*; 15(3): 157-60.

Chaudhary, K., Garg, R., Bhalotra, A.R., Anand, R. and Girdhar, K.K. 2012. Anesthetic drug wastage in the operation room: A cause for concern *Journal of Anaesthesiology Clinical Pharmacology*, Vol. 28, Issue 1; pp. 56-61.

Anand, R., Gupta, A., Gupta, N., Wadhawan, S. and Bhadoria, P. 2012. 'Management of swine-flu patients in the intensive care unit: Our experience'. *Journal of Anaesthesiology Clinical Pharmacology*, Vol. 28, Issue 1, pp. 51-55.

Taneja, B., Srivastava, V. and Saxena, K.N. 2012. 'Physiological and Anaesthetic Considerations for the Preterm Neonate Undergoing Surgery'. *J. Neonat Surg.* (1): 14.

Bansal, P., Saxena, K.N., Taneja, B. and Sareen, B. 2012. 'A comparative randomized study of paravertebral block versus wound infiltration of Bupivacaine in modified radical mastectomy'. *J. Anesth Clin Pharmacol*; 28: 76-80.

Sareen, P., Saxena, K.N., Sareen, B. and Taneja, B. 2012. 'Comparison of arm and calf blood pressure'. *Indian Journal of Anesthesia*: 56(1): 83-85.

Books/Chapters Contributed

Anand, R. and Bhalotra, A.R. Chapters contributed in book on '*Common Obstetrical and Gynecological Emergencies*'.

Bhalotra, A.R., Manchanda, G. and Anand, R. Cardiopulmonary Resuscitation with emphasis on a pregnant patient.

Management of Common Acid Base Disorders and Electrolyte Imbalances.

Taneja, B. and Saxena, K.N. 2012. *Ocular Anesthesia*. In; Chaudhari, Z. and Vanathi, M. editors, Postgraduate Ophthalmology (1st edn). New Delhi: Jaypee Brothers; pp. 208-217.

Kumar, R., Agarwal, M. and Kumar, S. 2011. Chapter on 'Flexible Fiberscopy' in CME book released during ISACON 2011 held at Mumbai.

BIOCHEMISTRY (LHMC)

Ph.D. Degrees awarded

Ph.D. - 1

Honours/Distinctions

Dr. Surajeet Kumar Patra and Dr. Anju Jain: Awarded Pitabus Jamuna Burma Award, ACBICON 2011, Gwalior, MP.

Dr. Jemil S. Makadia and Dr. A. Jain: Awarded P.S. Murthy Award for Best paper in the category of Infectious Diseases, ACBICON, Gwalior, MP.

Dr. Krishanu Mondol, Dr. A. Seth, Dr. D. Dhanwal, Dr. Marwah, Dr. S. Aneja, Dr. R. Singh and Dr. P. Sonkar: Young Investigator Award, 2nd Asia-Pacific Osteoporosis and Bone Meeting 2011, International Osteoporosis Foundation, Australia.

Publications

Jain, A., Mal, J., Mehndiratta, V., Chander, R. and Patra, S.K. 2011. 'Study of Oxidative stress in vitiligo'. *Indian J. of Clinical Biochemistry*, 26(1): 78-81.

Jain, A., Sharma, V., Patra, S.K., Goel, A. and Sherwal, B.L. 2011. 'Biochemical markers of tubercular ascites'. *Res J. Pharmaceut Biol Chem Sci*, 2(2): 480.

Kohli, M.D., Nambam, B., Trivedi, S.S., Sherwal, B.L., Sarika, A. and Jain, A. 2011. 'PCR-Based Evaluation of Tuberculous Endometritis in Infertile Women of North India', *J. Reprod Infertil*. 12(1): 9-14.

Jain, A. 2011. 'Extra Pulmonary Tuberculosis: A Diagnostic Dilemma'. *IJCB* 26(3): 269-273.

Garg, U., Jain, A., Singla, P., Beri, S., Garg, R. and Saili, A. 2011. 'Free Radical Status in Retinopathy of Prematurity', *Ind. J. Clin Biochem*.

Yadav, A., Jyoti, P., Jain, S.K. and Bhattacharjee, J. 2011. 'Correlation of Adiponectin and Leptin with Insulin Resistance: A Pilot Study in Healthy North Indian Population', *Ind. J. Clin Biochem*: 26(2): 193-196.

Saini, V., Yadav, A., Arora, M.K., Arora, S., Singh, R. and Bhattacharjee, J. 2011. 'Correlation of creatinine with TSH levels in overt hypothyroidism - A requirement for monitoring of renal function in hypothyroid patients?' *Clinical Biochemistry*.

Sharma, D., Singh, A., Trivedi, S.S. and Bhattacharjee, J. 2011. Intergenotypic Variation of Nitric Oxide And Inflammatory Markers In Preeclampsia In North Indian Population, *Human immunology*.03.

Gulati, S., Bhatnagar, S., Raghunandan, C. and Bhattacharjee, J. 2011. 'Interleukin-6 as a Predictor of Subclinical Chorioamnionitis in Preterm Premature Rupture of Membranes', *Am J. Repr Immunol*, 10.

- Sharma, D., Trivedi, S.S. and Bhattacharjee, J. 2011.** Oxidative stress and eNOS (Glu298Asp) gene polymorphism in preeclampsia in Indian population. *Molecular and cellular biochemistry*. 03.
- Gulati, S., Agrawal, S.L., Raghunandan, C., Bhattacharjee, J., Saili, A., Agarwal, S. and Sharma, D. 2011.** 'Maternal serum interleukin-6 and its association with clinicopathological infectious morbidity in preterm premature rupture of membranes: A prospective cohort study'. *The Journal of maternal-fetal & neonatal*. 11.
- Saini, V., Bhatnagar, M.K. and Bhattacharjee, J. 2011.** 'Association of endothelial dysfunction with endothelin, nitric oxide and eNOS Glu298Asp gene polymorphism in coronary artery disease'. *Dis Markers*. 31 (4): 215-222.
- Gopal, A., Mondal, S., Gandhi, A., Arora, S. and Bhattacharjee, J. 2011.** Effect of integrated yoga practices on immune responses in examination stress - A preliminary study', *International journal of yoga*. 4(1): 26-32.
- Bhatnagar, M.K., Arora, S., Singh, V. and Bhattacharjee, J. 2011.** Assessment of insulin resistance using surrogate markers in patients of metabolic syndrome, Diabetes and metabolic syndrome: clinical research and reviews, 29-3.
- Vergheese, B., Bhatnagar, S., Tanwar, R. and Bhattacharjee, J. 2011.** 'Serum Cytokine Profile in Psoriasis-A Case-Control Study in a Tertiary Care Hospital from Northern India', *Indian Journal of Clinical Biochemistry*, 26: 373-377.
- Dawar, R., Gurtoo, A. and Singh, R. 2011.** 'Evaluation of biomedical Parameters in patients of Myocardial Infarction'. *Indian Journal of Biomedical Research*, (5): 272-279.
- Singal, S., Dawar, R. and Singh, R. 2011.** 'Is Cardiovascular risk more in diabetics because of lower Apolipoprotein A1 levels rather than higher Apo B/Apo A ratio?' *International Journal of Biomedical Research*. 2(2): 143-150.
- Sachdeva, N., Rani, Y., Singh, R. and Murari, A. 2011.** 'Estimation of Post – Mortem Interval from the changes in Vitreous Biochemistry'. *J. Indian Acad Forensic Med.*, Vol. 33, No. 2.
- Goswami, B., Tayal, D., Tyagi, S. and Mallika, V. 2011.** 'Assessment of insulin resistance, dyslipidemia and inflammatory response in North Indian male patients with angiographically proven coronary artery disease'. *Minerva Cardioangiol*, 59(2): 139-47.
- Tayal, D., Goswami, B., Koner, B.C. and Mallika, V. 2011.** 'Role of Homocysteine and Lipoprotein (A): an update'. *Biomedical Research*, 22(4): 391-405.
- Gupta, N., Norbu, C. and Goswami, B. 2011.** 'Role of Dynamic MRI in differentiating benign from malignant follicular thyroid nodule'. *Auris Nasus Larynx*, 38: 718-723.
- Gupta, N., Goswami, B. and Singh, N. 2011.** 'Lead Poisoning associated with Ayurvedic drug presenting as intestinal obstruction: A Case Report'. *Clinica Chimica Acta*, 412(1-2): 213-4.

- Singh, B., Goswami, B. and Gupta, V.K. 2011.** 'Application of Sigma metrics for the assessment of quality assurance in clinical biochemistry laboratory in India: A Pilot study'. *IJCB*, 26(2): 131-135.
- Singh, B., Goswami, B. and Gupta, N. 2011.** 'Potential biochemical markers for Preterm labor: A pilot study in North India'. *IJCB*, 26(1): 41-45.
- Gupta, N., Goswami, B., Chowdhury, V., Ravi Shankar, L. and Kakar, A.K. 2011.** 'Evaluation of the role of magnetic resonance spectroscopy in the diagnosis of Follicular malignancies of thyroid'. *Arch Surg*. 146(2): 179-182.
- Arora, M.K., Yadav, A. and Saini, V. 2011.** 'Role of hormones in acne vulgaris'. *Clinical Biochemistry*, 44(13): 1035-40.
- Tripathi, S., Mishra, T.K. and Mathur, N.B. 2011.** 'Vitamin E supplementation in exclusively breastfed VLBW infants', *Indian Pediatrics*, Vol. 48.
- Naithani, M. and Kshitiz, K.K. 2011.** 'Applicability of Copeptin As A Biomarker For Heart Failure', *International Journal of Pharma and Bio Sciences*, (2) 2, 4.
- Kumar, N. and Kshitiz, K.K. 2011.** Lipid Ratios In Type 2 Diabetes Mellitus, *RJPBCS* (2)2.

BIOCHEMISTRY (MAMC)

Ph.D./M.D. Degrees awarded

Ph.D.	-	1
M.D.	-	2

Seminars/Conferences attended

Dr. Lal Chandra: Presented a poster entitled 'Evaluation of Lipid Peroxidation and Antioxidants' Status in Metabolic Syndrome', 4th International Congress on Prediabetes and the Metabolic Syndrome held at Madrid, Spain and 6-9 April 2011.

Dr. Sarita Agarwal, Dr. T.K. Mishra and Dr. P.C. Ray: Attended 19th National Conference of Association of Medical Biochemists of India, KAPV Govt. Medical College, Trichy, 15-18 December 2011.

Publications

Books

Gupta, S.K., Gehlaut, V.S. and Jain, A. 2011. (2nd edn.) *Practical Manual of Biochemistry for MBBS*, New Delhi: Arya Publishing Co.

2011. (2nd edn.). *Practical Manual of Biochemistry for BDS*, New Delhi: Arya Publishing Co.

Suresh, P.S. and Koner, B.C. 2012. Effect of acute and chronic stress on leucocyte count: modulation by chlordiazepoxide. *Immunopharmacol Immunotoxicol.* [Epub ahead of print].

Dhanwal, D.K., Kumar, S., Vyas, A. and Saxena, A. 2011. 'Hypothalamic pituitary dysfunction in acute non-mycobacterial infections of central nervous system'. *Indian J. Endocrinol Metab* 15 (Suppl. 3): S233.

Goswami, D., Arif, A., Saxena, A. and Batra, S. 2011. 'Idiopathic primary ovarian insufficiency: a study of serial hormonal profiles to assess ovarian follicular activity'. *Human Reproduction.* 0:1-8.

Singh, B., Arora, S., Aggarwal, P. and Gupta, S.K. 2011. 'Hepcidin: A novel peptide hormone regulating iron metabolism'. *Clinica Chimica Acta.* 412(11-12): 823-30.

Mahato, M., Balkrishnan, P., Koner, B.C., Lali, P., Mishra, T.K. and Saxena, A. 2011. 'A rare case of biclonal gammopathy'. *Int J. of Case Reports & Images.* 2(2): 11-14.

Ratan, S.K., Aggarwal, S.K., Mishra, T.K., Saxena, A., Yadav, S. and Pandey, R.M. 2011. 'Evaluation of hormonal profile in children with isolated hypospadias and their age matched controls'. *Evid Based Child Health.* 6(Supple.1): 83-84.

Mahajan, A.S., Mishra, T.K., Jain, A.K. and Singh, N.P. 2011. 'Lipid profile, malonaldehyde and vitamin E levels as potential atherogenic risk factors in subclinical hypothyroid patients'. *Ind J. Biochem.* 15(2): 47-53.

Sinha, N., Mishra, T.K., Singh, T. and Gupta, N. 2012. 'Effect of iron deficiency anemia on hemoglobin A1c levels'. *Am Lab Med.* 32(1): 17-22.

Gupta, N., Goswami, B., Singh, N., Koner, B.C. and Garg, R. 2011. 'Lead poisoning associated with Ayurvedic drug presenting as intestinal obstruction: a case report'. *Clin Chim Acta.* 412(1-2): 213-4.

Patel, S., Sumitra, G., Koner, B.C. and Saxena, A. 2011. 'Role of serum matrix metalloproteinase-2 and -9 to predict breast cancer progression'. *Clin Biochem.* 44 (10-11): 869-72.

Asmathulla, S., Koner, B.C. and Papa, D. 2011. 'Does oxidative stress play a role in altered plasma protein homeostasis in pregnancy-induced hypertension?' *Acta Physiol Hung.* 98(3): 339-46.

BIOCHEMISTRY (UCMS)

Ph.D. Degrees awarded

Ph.D. - 3

Honours/Distinctions

Dr. J.K. Gambhir: Dr. T.N. Pattabhiraman Oration of Association of Clinical Biochemists of India at 38th ACBICON held at Gwalior.

Dr. S.B. Sharma: Awarded SOBSI Fellowship in recognition of her outstanding contribution towards the development of Medical & Biological Sciences at HIHT University, Dehradun.

Seminars/Conferences attended

Dr. B.D. Banerjee: President for the valedictory session and Delivered the keynote address at UGC sponsored National Seminar on 'Modern Trends in Life Sciences' organized by Department of Life Sciences, Raja N.L. Khan Women's College, Vidyasagar University, Midnapore in collaboration with Government of West Bengal, 17-18 March 2012.

Dr. R. Shukla: 2nd International Congress on Gerontology and Geriatric Medicine-2012, 25-29 February 2012.

Chairing sessions 38th National Conference of Association of Clinical Biochemists of India, Gwalior, 2-6 December 2011.

Dr. A.K. Tripathi: International Conference on emerging trends in free radicals, anti oxidants by SFRR, Kolkata, 12-14 January 2012.

Publications

Books

Sharma, S.B., Garg, S., Gupta, S., Tanwar, R.S., Shukla, S.K., Gupta, R. and Ojha, S. 2012. Pharmacotherapeutic Potential of Medicinal Plants against Cardiometabolic Diseases. In *Traditional and Folk Herbal Medicine: Recent Researches*. (ed.) Gupta, V.K., 1: 155-173. New Delhi: Daya Publishing House.

Research Articles

Subramaneyan, M., Rustagi, S., Bhattacharya, S.N., Tripathi, A.K., Banerjee, B.D. and Ahmed, R.S. 2012. 'Effect of antioxidant supplementation on free radical scavenging system and immune response in lindane treated scabies patients'. *Pestic Biochem Physiol.* 102: 91-94.

Kumar, V., Yadav, C.S., Datta, S.K., Ahmed, R.S., Goel, S., Gupta, S., Mustafa, M.D., Grover, R.K. and Banerjee, B.D. 2011. 'Association of GSTM1 and GSTT1 polymorphism with lipid peroxidation in benign prostate hyperplasia and prostate cancer: A pilot study'. *Dis. Markers.* 30: 163-9.

- Singh, S., Kumar, V., Thakur, S., Banerjee, B.D., Chandna, S., Rautela, R.S., Grover, S.S., Rawat, D.S., Pasha, S.T., Jain, S.K., Ichhpujani, R.L. and Rai, A. 2011.** 'DNA Damage and Cholinesterase Activity in Occupational Workers Exposed to Pesticides'. *Environ. Toxicol. Pharmacol.* 31: 278-85.
- Singh, S., Kumar, V., Thakur, S., Banerjee, B.D., Rautela, R.S., Grover, S.S., Rawat, D.S., Pasha, S.T., Jain, S.K., Ichhpujani, R.L. and Rai, A. 2011.** 'Paraoxonase-1 Genetic Polymorphisms and Susceptibility to DNA Damage in workers occupationally exposed to Organophosphate Pesticides'. *Toxicol. Appl. Pharmacol.* 252(2): 130-7.
- Pal, R., Gulati, K., Banerjee, B.D. and Ray, A. 2011.** 'Pharmacology and Biochemical studies on the role of free radicals during stress-induced immunomodulation in rats'. *International Immunopharmacology.* 11: 1680-1684.
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Mythily, S., Yasmeen, S., Arora, V.K., Tripathi, A.K., Banerjee, B.D. and Ahmed, R.S. 2011. Effect of Majoon Suranjan and Habb-e-Asgand on the biomarkers of rheumatoid arthritis in collagen induced arthritis in rats (Abstract). Presented at 38th National Conference of Association of Clinical Biochemists of India (ACBICON-2011) at Gwalior, 2-6 December 2011.

Banerjee, B.D. 2011. Role of gene-environment Interaction: A new frontier in Medical Research. Proceedings of National Workshop 'Research Methodology and Scientific paper writing in Medical sciences' sponsored by Govt. of Uttarakhand and ICMR, New Delhi organized by Govt. Medical College, Haldawani (Uttarakhand), 24-25 June 2011, pp. 48-56.

2011. Toxicogenomics in Health and Diseases. National level Seminar cum Workshop on Nutrition and Public Health organized by Ministry of Health, UGC and Women's College, Calcutta University, Kolkata, 1-2 September 2011.

Yadav, C.S., Bajpai, M., Kumar, V., Datta, S.K., Ahmed, R.S., Gupta, P. and Banerjee, B.D. 2011. 'Polymorphisms in the ESR1 (*XbaI* and *PvuII*) and ESR2 (*RsaI* and *AluI*) Genes: Association with Serum Sex Hormone Concentrations in Hypospadias. Proceedings of 38th National conference of Association of Clinical Biochemistry of India (ACBICON), Department of Biochemistry, G.R. Medical College & J.A. group of Hospital, Gwalior'. *Indian J. Clin. Biochem*; 26; 2-6 December 2011.

Uppal, V., Vij, R., Banerjee, B.D., Bedi, G. and Vij, A. 2011. 'Effect of Glycemic control on Thyroid status in type 2 Diabetes. Proceedings of 38th National Conference of Association of Clinical Biochemistry of India (ACBICON), Department of Biochemistry, G.R. Medical College & J.A. group of Hospital, Gwalior'. *Indian J. Clin. Biochem.* 26: 41, 2-6 December 2011.

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Sharma, T., Uppal, V., Yadav, C.S., Radhika, A.G. and Banerjee, B.D. 2011. Association of Smokeless tobacco with Adverse Reproductive Outcomes: A case control Study. Proceedings of 31st Annual Conference of Society of Toxicology (STOX), India and International Symposium on Current Trends in Environmental Toxicology organised by Department of Zoology, The IIS University, Jaipur, 22-24 December 2011, p. 216.

Deshmukh, P.S., Megha, K., Yadav, C.S., Abegaonkar, M.P., Ahmed, R.S., Tripathi, A.K., Mediratta, P.K. and Banerjee, B.D. 2011. Assessment of Cognitive Function and Oxidative Stress in Fisher Rats Following Exposure to 900 MHz Radiofrequency Electromagnetic Radiation (RF-EMR). Proceeding of National Seminar on Reactive Oxygen Species: Role in Animal and Plant Biology, Department of Biochemistry, University of Lucknow, 23-24 December 2011.

Kumar, V., Yadav, C.S., Singh, S., Jha, A.K., Gupta, S., Ahmed, R.S., Grover, R.K. and Banerjee, B.D. 2012. Gene Environmental Interaction in the etiology of benign prostate hyperplasia. Proceedings of National Conference on Biomarkers for diseases-Prospects and Challenges organized by Centre for Biotechnology and Bioinformatics, School of Life Sciences, Jawahar Lal Nehru Institute of Advanced Studies, Hyderabad, 24-25 February 2012, p. 37.

Kar, R., Palanichamy, J.K., Chattopadhyay, P., Jain, S.K. and Singh, N. 2011. Modulating survivin expression to overcome chemoresistance in primary cultures of ovarian cancer cells – a step towards patient tailored therapy. Proceedings 2nd International Conference on stem cells and cancer (ICSCC- 2011).

Mehndiratta, M., Palanichamy, J.K., Pal, A., Bhagat, M., Singh, A., Sinha, S. and Chattopadhyay, P. 2011. Transcriptional Gene silencing of c-myc: effective therapeutic strategy against glioma cancer stem cells. Proceedings 2nd International Conference on stem cells and cancer.

Sen, S., Sharma, S., Gupta, A., Gupta, N., Singh, H., Roychoudhury, A., Mohanty, S., Sen, S., Nag, T.C. and Tandon, R. 2011. Stem cells for ocular surface reconstruction: from bench to bedside to intellectual property rights – an interesting journey in translational research. Proceedings of 2nd International Conference on stem cells and cancer.

Kapoor, D.M., Bhatia, M.S., Banerjee, B.D. and Tripathi, A.K. 2012. Oxidative and nitrosative stress status in suicidal behaviour. Proceedings of National Conference on Biomarkers for diseases-Prospects and Challenges organized by Centre for Biotechnology and Bioinformatics, School of Life Sciences, Jawahar Lal Nehru Institute of Advanced Studies, Hyderabad, 24-25 February 2012, p. 69.

Siddharth, M., Bansal, S., Kapoor, D., Chawla, D., Kalra, O.P., Banerjee, B.D. and Tripathi, A.K. 2012. Accumulation of organochlorine pesticides and its contributory role in the development of oxidative stress in chronic kidney disease. Proc. of Society for Free Radical Research - India and International Conference on 'Emerging Trends in Free Radicals, Antioxidants and nutraceuticals on Health, Disease and Radiation Biology', Kolkata, January 2012.

Bansal, S., Siddharth, M., Malhotra, D., Ahmed, R.S., Banerjee, B.D., Madhu, S.V. and Tripathi, A.K. 2012. Advanced Glycation End Products-A potential contributor of oxidative stress by priming neutrophils in Diabetes. Proc. of Society for Free Radical Research-India and International Conference on 'Emerging Trends in Free Radicals, Antioxidants and nutraceuticals on Health, Disease and Radiation Biology', Kolkata, January 2012.

Chawla, D., Bansal, S., Banerjee, B.D., Madhu, S.V. and Tripathi, A.K. 2012. Association of RAGE Gene Polymorphism with Diabetic Complications. Proc. of Indian Society of Human Genetics - India and International Conference on 'Gene, genetic and genomics-today and tomorrow; Human Concerns', Chandigarh, March 2012.

BIOCHEMISTRY (VPCI)

Ph.D. Degrees awarded

Ph.D. - 2

Seminar/Conference attended

Prof. S.K. Bansal: Chairperson, Accommodation Committee, National Conference on Pulmonary Diseases (NAPCON 2011) organized by V.P. Chest Institute, University of Delhi, at India Habitat Centre, New Delhi, 27-30 November 2011.

Publications

Research Articles

Bhatia, S., Sinha, R., Kumar, A., Rohil, V., Arya, A., Dhawan, A., Arya, P., Joshi, R., Sreedhara, S.C., Gangopadhyay, S., Bansal, S.K., Chatterjee, S., Chaudhury, N.K., Vijayan, V.K., Saso, L., Parmar, V.S., Depass, A.L., Prasad, A.K. and Raj, H.G. 2011. 'Normalization of deranged signal transduction in lymphocytes of COPD patients by the novel calcium channel blocker H-DHPM'. *Biochimie*. 93(7): 1146-56.

Gupta, S., Sharma, S.B., Singh, U.R. and Bansal, S.K. 2011. 'Salutary Effect of *Cassia auriculata* Induced Atherosclerotic Environment in Streptozotocin Rats'. *Cardiovasc Toxicol*. 11: 308-315.

Kumar, N., Taneja, K.K., Kalra, V., Behari, M., Aneja, S. and Bansal, S.K. 2011. Genomic Profiling Identifies Novel Mutations and SNPs in ABCD1 Gene: A Molecular, Biochemical and Clinical Analysis of X-ALD Cases in India. *PLoS One*. 6(9):e25094.

Gupta, P., Vijayan, V.K. and Bansal, S.K. 2012. Changes in protein profile of erythrocyte membrane in bronchial asthma.

COMMUNITY MEDICINE (UCMS)

Ph.D./M.D. Degrees awarded

Ph.D. - 01

M.D. - 02

Seminars/Conferences attended

Kamal Agarwal: 56th IPHA, National Conference 2012, 9-12 February 2012.

Amir Maroof Khan: 1st Annual National Conference of Consortium against Rabies, Hotel Park View, Chandigarh in association with Government Medical College, Chandigarh, 7 May 2011.

Dr. Patra Somdatta, Dr. O.P. Rajoura, Dr. Arun Kumar Sharma, Dr. N.K. Saini and Dr. Rahul Sharma: 56th All India Annual National Conference of Indian Public Health Association, Kerala, 10-12 February 2012.

Dr. O.P. Rajoura: 62nd Annual National Conference of IAOH (Occucon-Delhi 2012), India Habitat Centre, New Delhi, 1-4 February 2012.

Dr. Rahul Sharma: International Conference on Reproductive Health with Emphasis on Strategies for Family Planning & 22nd Annual Meeting of the Indian Society for the Study of Reproduction and Fertility 2012, AIIMS, Delhi, 19-21 February 2012.

2nd International Congress on Gerontology and Geriatric Medicine 2012, UCMS, Delhi and AIIMS, Delhi, 25-29 February 2012.

Dr. Madhu Upadhyay: National Workshop on Research Methodologies for Women Scientists organized by Department of Pharmacology, AIIMS, New Delhi and the Department of Science & Technology, Govt. of India, 3-7 October 2011.

Publications

Bhasin, S.K., Dwivedi, S., Dehghani, A. and Sharma, R. 2011. 'Conventional risk factors among newly diagnosed coronary heart disease patients in Delhi'. *World J. Cardiol*; 3(6): 201-6.

Chaturvedi, S., Arora, N.K., Dasgupta, R. and Patwari, A.K. 2011. 'Are we reluctant to talk about cultural determinants [editorial]?' *Indian J. Med Res.* 133: 361-3.

Chaturvedi, S., Dasgupta, R., Kumar, A., Garg, S. and Roy Chaudhury R. 2011. 'Non-health determinants of health and health care in Delhi'. *Natl Med J. India.* 24: 170-75.

Chaturvedi, S. 2011. 'Tensions between community-based and community-owned [editorial]'. *Indian J. Commun Med.* 36: 1-2.

2011. 'Comparing programmes of medical undergraduate training in population-based research'. *Salud i Ciencia.* 18: 428-431.

Chhabra, P., Sharma, G. and Kannan, A.T. 2011. 'Pattern of Maternal Health Care among Working Women in Delhi'. *Indian J. Maternal and Child Health*; 13.

Grover, P. and Chhabra, P. 2012. 'Neonatal practices in urban villages'. *Indian Medical Gazette*; 146: 32-38.

Chhabra, P., Grover, P. and Kannan, A.T. 'Newborn care practices in urbanized villages of East Delhi' in Conference proceedings of 56th Annual National Conference of Indian Public Health Association at IMA house, Kochi, Kerala.

Khan, A.M., Bansal, R., Parashar, P. and Sartaj, A. 2012. *Journal of Pakistan Medical Association.* Vol. 62, No. 1.

Rajoura, O.P., Roy, R., Agarwal, P. and Kannan, A.T. 2011. 'A study of the Swine Flu (H1N1) epidemic amongst Health Care Providers of a medical college hospital of Delhi'. *Indian J. Community Med*; 36: 187-90.

Agarwal, P., Rajoura, O.P., Agrawal, K., Kannan, A.T. and Bhattacharya, S.N. 2011. 'A KAP Study of Occupational Exposures to Blood and Body Fluids Among Nursing Staff of Tertiary Level Hospitals of Delhi'. *Journal of Nursing Science & Practice*; 1(2): 1-9.

Sharma, A.K. 2011. 'Telemedicine: A technology in waiting'. *Indian J. Public Health*; 55: 286-8.

Kumar, R., Sharma, A.K. and Mehendale, S. et al. 'Impact of targeted interventions on heterosexual transmission of HIV in India'. *BMC Public Health*; 11: 549.

Ganeshkumar, P., Arun Kumar S. and Rajoura, O.P. 2011. 'Evaluation of Computer Usage in Healthcare Among Private Practitioners of NCT Delhi'. *Stud Health Technol Inform.* 169: 960-4.

Saini, N.K. 2011. 'Are you stressed out, doc?'. *Heal India*; Vol. 5, No. 4; July-August 2011: 32, 33.

Saini, N.K., Rajoura, O.P., Yadava, G. and Agarwal, S. 2012. Prevalence of stress among staff nurses working in a tertiary hospital. Published in Souvenir of 56th Annual National conference of the Indian Public Health Association at Kochi, Kerala, 230.

Sharma, R., Bhasin, S.K., Aggarwal, S. and Tiwari, R. Knowledge gaps regarding aspects of family welfare and the role of mass media: a study among women in North-east Delhi. International Conference on Reproductive Health with Emphasis on Strategies for Family Planning & 22nd Annual Meeting of ISSRF- 2012, AIIMS, Delhi, February, 2012.

Sharma, R., Jain, V., Kaur, S. and Vardhan, S. An intervention to strengthen the mainstreaming of AYUSH in a tertiary care hospital in Delhi, India. 56th All India Annual National Conference of Indian Public Health Association, Kochi, Kerala, February, 2012.

Sharma, R. and Sharma, R. Depression among the elderly population in a rural community of Delhi: a study of its prevalence and correlates. 2nd International Congress on Gerontology and Geriatric Medicine 2012 (ICGGM 2012), UCMS, Delhi and AIIMS, Delhi (Presented at the Conference): February 2012.

Chhabra, P. Contributor for class XII Text Book titled 'Health Education, Public Relations and Public Health' by Central Board of Secondary Education.

COMMUNITY MEDICINE (MAMC)

Ph.D. Degree awarded

Ph.D. - 1

Honours/Distinctions

Dr. P. Lal: Received 1st Prize for the best action plan namely 'Action Plan for Improvement of Antenatal Care Practices among Pregnant Women Residing in North East District of Delhi'. during 14th Professional Development Course in Management, Public Health and Health Sector reforms at NIHFWS, New Delhi.

Seminars/Conferences attended

Dr. Jugal Kishore: Chairman organizing committee of 4th National Conference on Health Impact of Polluted Environment: Assessment and Solution at IIC (Anx) and chaired one scientific poster presentation in Conference.

Joint Secretary for organizing National Symposium on Environmental & occupational Health: issues and challenges, organized by Asian Institute of Public Health and India Public Health Association Delhi Branch and Medical Center of Nabaraska University.

Chaired a session on early detection and Prevention of Cancer in 5th Annual National Conference of Medical Fitness Society organized at India International Center, New Delhi.

Dr. Suneela Garg: Coordinated and Participated in International Conference on 'Emerging Trends in Preventing Occupational Respiratory Diseases and Cancers in the workplace'.

Dr. G.S. Meena, Dr. D.K. Taneja, Dr. Nandini Sharma, Dr. J. Kishore, Dr. R. Kumar, Dr. B. Banerjee and Mrs. Renuka Saha: National Conference on Insight on Medico legal Issues organized by IJCP Group of Publications in Chinnmiya Mission Auditorium, New Delhi.

Medical Fitness Society's 5th Annual National Conference, India International Center, New Delhi.

International Conference on Environmental Knowledge for Disaster Risk Management organized by ekDRM and NIDM Vigyan Bhawan, New Delhi.

4th National Conference on Health impact of Polluted Environment: Assessment and Solution at IIC, New Delhi.

63rd Annual National Conference of Indian Psychiatric Society 2011 at New Delhi.

Dr. B. Banerjee: Chaired a session on 'Maternal Health' at the 55th National Conference of Indian Public Health Association at Jawaharlal Nehru Medical College, Belgaum, Karnataka.

Publications

Rustagi, N., Prasuna, J. and Taneja, D.K. 2011. Anthropometric Surrogates for Screening of Low Birth Weight Newborns: A Community-Based Study. *Asia Pac J. Public Health* first as doi:10.1177/1010539510384717.

Rustagi, N., Taneja, D.K., Mishra, P. and Ingle, G.K. 2011. 'Cardiovascular Risk Behaviour Among Students of a Medical College In Delhi'. *IJCM*; 36(1): 51-53.

Gupta, M., Ingle, G.K., Malhotra, R., Malhotra, C. and Lal, P. 2011. Use of digital images in the undergraduate Community Medicine examination: Findings from Delhi, India. *SEAME*. 5(1): 44-6.

Kishore, J., Gupta, A., Jiloha, R.C. and Bantman, P. 2011. 'Myths, beliefs and perceptions about mental disorders and health-seeking behavior in Delhi, India'. *Indian J. Psychiatry*; 53 (4): 324-329.

Tiwari, A., Kishore, J. and Tiwari, A. 2011. 'Perception and concerns of women undergoing Pap smear examination in a tertiary care hospital in India'. *Ind J. Cancer*; 48(4): 477-82.

Gupta, N., Jain, P. and Kishore, J. 2011. 'Knowledge, attitude and practice for tobacco control among Dental Professionals in the city of Delhi'. *Research and Review. A Journal of Health Professionals*; 2-3(1): 16-23.

Jain, A., Kishore, J. and Sahoo, J. 2011. 'Prevalence of Tobacco use in Group C and D employees in a medical college of Delhi. Research and Review'. *A Journal of Health Professionals*; 2-3(1): 24-30.

Sarin, A., Kishore, J., Charu, Anand, T. and Sharma, U. 2011. 'Compliance of Health workers for H1N1 vaccination'. *Research and review: A Journal of Immunology*; 1(1): 1-8.

Kishore, J., Vasundhra, S. and Anand, T. 2011. 'Formulation of a research question'. *Ind J. Med Specialities*; 2(2): 184-188.

Gupta, R., Kishore, J., Bansal, Y., Daga, M.K. and Jiloha, R.C. 2011. 'Relationship of psychosocial risk factors, certain personality traits and myocardial infarction in Indians: A case Control Study'. *Ind J. Com Medicine*; 36(3): 182-86.

Gupta, N., Kapoor, R., Kishore, J. and Grewal, I. 2011. 'Perceptions and Practices of People about Vehicular Pollution in Delhi'. *Journal of Energy, Environment & Carbon Credits*, Vol. 1, Issue 1, pp. 14-23.

Anand, T., Ingle, G.K., Phalguna, K. and Kishore, J. 2011. 'Awareness about Lifestyle Diseases Associated Risk Factors in School Going Children in Delhi'. *Journal of Nursing Science & Practice*; 1.

Banerjee, B. 2011. Comment to: Novel Influenza A (H1N1) infection vs. common Influenza-Like Illness: A prospective study; Voudoukis E, Pappas A, Panoutsopoulos A, Xynos K, Rozi F, Giannakopoulou K, Paulaki M, Stofa E, Seretis C, Lagoudianakis E, Andrianopoulos G; *Medical Science Monitor*, 17(4): CR185-188.

Sharma, P. and Taneja, D.K. 2011. 'Typhoid Vaccine: A case for inclusion in National Programme'. *Indian Journal of Public Health*; 55(4).

Books

Ingle, G.K. 2011. Published a book along with Sedigheh Pakseresht titled '*Breast Cancer: Women health and quality of life*'. VDM Verlag Dr. Muller GmbH & Co. KG, Germany.

Taneja, D.K. 2011. '*Health Policies and Programmes in India*', (10th edn.) Doctors Publications. Chapters contributed by Dr. G.S. Meena, Dr. Nandini Sharma, Dr. Bratati Banerjee, Dr. Pragy Sharma.

Kishore, J. 2011. '*Question Bank Community Medicine*'. (1st edn.), New Delhi: Century Publications.

Banerjee, B. 2011. Thalassaemia: An emerging public health problem. In Gupte, S. (ed.): *Recent Advances in Pediatrics-20: Hot Topics*, New Delhi: Jaypee Brothers Publishers, Special Vol. 20: 85-99.

2011. Gender Differences in Educational Opportunities for Children and adolescents in Urban & Rural communities of West Bengal. In Chidambaranathan, C. and Jenitta Mary I (ed.): *Public Health in India*. Aavishkar Publishers, Distributors, Jaipur, India; 95-102.

2011. Gender Differences in Health Status of Children and adolescents in Urban, Semiurban & Rural communities of West Bengal. In Chidambaranathan C & Jenitta Mary I (ed.): *Public Health in India*. Aavishkar Publishers, Distributors, Jaipur, 156-165.

COMMUNITY MEDICINE (LHMC)

M.D. Degrees awarded

M.D. - 3

Honours/Distinctions

Vibha: Awarded Dr. J.K. Sehgal Memorial Oration by Indian Public Health association at 55th All India Conference of IPHA at Belgaum, Karnataka, 30 January 2011.

Publications

Bachani, D. 2011. 'Understanding HIV Epidemic in India: Analyses of the HIV program data', *Eastern Journal of Medicine*; 16: 99-106.

- 2011.** 'Prioritization of Research under National AIDS Control Programme in India using Nominal Group Technique', *SAARC Journal of TB and HIV/AIDS*, pp. 1-7.
- 2011.** 'Burden of Non-communicable Diseases in India: Combat Strategies & Challenges' *Health for the Millions*; 37(2): 19-24.
- 2011.** 'Burden of NCDs, Policies and Programs for Prevention and Control of Non-communicable Diseases in India', *Indian J. Community Medicine*, Vol. 36, Suppl., S7-13.
- Rasania, S.K. 2011.** 'Pattern and extent of hospital acquired wound infections in burn patients in a Delhi tertiary care hospital- Co-author'; *Ind J. Prev Soc Med*; Vol. 42(1): 79-81.
- Khandekar, J. 2011.** 'DOTs centre at a tertiary care teaching hospital in Northern India: Successes and Challenges for the future'. Anita S. Acharya, Jyoti Khandekar, Chidambara Jha, *Ind. J. Med. Specialties*; 2(2): 92-95.
- Acharya, A.S. 2011.** 'Have we reached a full circle? Time to ponder on anti-microbial resistance! World Health Day. A Public Health Perspective'. *Ind J. Medical Spec*, 2(1): 5-7.
- 2011.** 'Adolescent Health: New Hopes, New Understanding'. *Indian J. Medical Spec*; 2(2): 85-88.
- 2011.** 'DOTS centre at a tertiary care teaching hospital in northern India: successes and challenges for the future'. *Indian J. Medical Spec* (published online 31st Oct. 2011).
- Goel, M.K. and Mittal, K. 2011.** 'Psycho-social behaviour of urban Indian adolescent girls during menstruation'. *AMJ*, 4, 1, 48-52.
- Goel, M.K., Goel, M., Khanna, P. and Mittal, K. 2011.** 'Pandemic influenza A (H1N1) 2009 vaccine: An update'. *Indian Journal of Medical Microbiology*, 29(1): 13-8.
- Mittal, K., Goel, M.K., Preeti, R. and Khanna, P. 2011.** 'Local skin reaction following an accidental injection from a BCG vaccine in a healthcare worker'. *AMJ*, 4, 2, 94-6.
- Goel, M.K., Vashisth, B.M., Kumar, V., Kumar, A. and Khanna, P. 2011.** 'Functioning of Janani Suraksha Yojna: Constraint of Multipurpose Health Worker Females'. *Journal of Nursing Science & Practice*, Vol. 1, Issue 1, pp. 10-14.
- Kumar, A., Jain, R., Khanna, P. and Goel, M. 2011.** Health Impact Assessment In India: Need of The Hour - The Internet Journal of Third World Medicine™ ISSN: 1539-4646. Vol. 9, No. 2.
- Laskar, A.R., Garg, S. and Sodhani, P. 2011.** Cervical Cancer Vaccine: Exploring new opportunities and challenges for developing countries. *Annals of Tropical Medicine and Public Health*; 4(1): 54-56.

DENTAL SCIENCE (UCMS)

Seminars/Conferences attended

Dr. Namita Kalra: International Annual Dialysis Conference San Antonio, Texas, USA, 26-28 February 2012.

26th Federation of operative Dentistry of India and 19th Indian Endodontics Society. National Conference, (Pre Conference course) New Delhi, 11-13 November 2011.

Publications

Kalra, N. Evaluation of periodontal disease as a non traditional risk factor for cardiovascular disease in chronic kidney disease.

Ujjawal, O.P., Kalra, S., Agarwal, N., Kalra, G., Mehrotra, A.K. and Tripathi, A. Verma. *Indian Journal of Nephrology* Dec 2911; Vol. 21; Supplement: S 5.

Kalra, N., Roy, U., Agarwal, S., Mehrotra, G., Tripathi, A.K., Verma, A.K. and Kalra, O.P. 2012. Correlation of periodontal disease with carotid Atherosclerosis in patient on maintenance haemodialysis. UCMS & GTB Hospital, Haemodialysis International Vol. 16, No. 1.

Khatri, A. and Kalra, N. 2012. 'A Comparison of Two Pain Scales in the Assessment of Dental Pain in East Delhi Children', *ISRN Dentistry*, Vol. 2012, Article ID 247351, 4 pages. doi:10.5402/2012/247351.

Khatri, A., Sugnani, S., Kalra, N. and Tyagi, R. Dental management of Autistic Child Case Report *JCR* (Online January 31, 2012).

Khatri, A. and Kalra, N. 2012. 'A Comparison of Two Pain Scales in the Assessment of Dental Pain in East Delhi Children', *ISRN Dentistry*, Vol. 2012, Article ID 247351, 4 pages, doi:10.5402/2012/247351.

Sachdeva, S., Kalra, N. and Kapoor, P. 2012. 'Papillon - Lefevre Syndrome: Report of a case and its management'. *J. Clin Esp Dent*; 4 (1); @ 77-81.

Kapoor, P. and Kalra, N. A retrospective analysis of maxillofacial injuries in patients reporting to a tertiary care hospital in East Delhi – *International Journal of Critical Illness & Injury Sciences*, Vol. 2, Issue 1, pp. 6-10.

Tyagi, N., Tyagi, R. and Gupta, V. 2011. Multiple salivary duct calculi of sublingual gland : An usual phenomenon, *Heal Talk*: 3(5): 34-5.

DERMATOLOGY & STD (NIHMF)

Publications

Bhattacharya, M. 2011. "Microplanning in Health-Issues and Challenges" to be published in a publication of the National Council of Rural Institutes.

Bhattacharya, M., Joon, V. and Jaiswal, V. 2011. "Water handing and Sanitation Practices in Rural Community of Madhya Pradesh: A knowledge, Attitude and Practice Studey, *Indian Journal of Public Health*, 42: 1 93-97.

Ramya, T., Misro, M.M., Sinha, D., Nandan, D. and Mithal, S. 2011. Altered levels of seminal nitric oxide, nitric oxide synthase, enzymatic antioxidants and its association with sperm fuctional in infertile subjects.

Maheshwari, A., Misro, M.M., Aggarwal, A., Sharma, R.K. and Nandan, D. 2011. N-Acetylcysteine counteracts oxidative stress and prevents H2O2 induced germ cell apoptosis through down-regulation of casepase-9 and JNK/c-Jun.

Kaushik, M., Misro, M.M., Sehgal, N. and Nandan, D. 2011. Testosterone intervention to adult rats differentially modulates expression of androgen and estrogen receptor-a in reproductive organs and pituitary.

Bharti, S., Misro, M.M., Mathur, A. and Rai, U. 2011. Role of estrogen in the regulation of spermatogenesis in the Indian wall lizard *Hemidatylus flaviviridis*.

Kumar, V., Misro, M.M. and Datta, K. 2012. Simultaneous accumulation of hyaluronan binding protein 1 and apoptotic induction of germ cell in cryptorchid testis.

Meena, R., Misro, M.M., Ghosh, D. and Nandan, D. 2012. Extended intervention time and evaluation of sperm suppression by Dienogest plus testosterone undecanoate in male rat.

Aggarwal, A., Misro, M.M., Maheshwari, A. and Sehgal, N. 2012. Differential modulation of apoptotic gene expression by NAC in Leydig cells stimulated persistently with hcg in vitro.

Meena, R., Misro, M.M., Ghosh, D. and Nandan, D. 2012. Complete sperm suppression induced by dienogest plus testosterone undecanoate is associated with downregulation in the expression of upstream steroidogenic enzyme genes in rat testis.

Maheshwari, A., Misro, M.M., Aggarwal, A. and Sharma, R.K. 2012. N-Acetylcysteine modulates multiple signatling pathways to rescue male germ cells from apoptosis induced by chronic hCG administration to rats.

Bhattacharya, M., Joon, V. and Jaiswal, V. 2011. 'Waster handing and Sanitation Practices in a Rural Community of Madhya Pradesh: A Knowledge, Attitude and Practice Study'. *Indian journal of Public Health*, 42: 1 93-97.

2011. 'Supervision and Quality Control Measures in Annual Sentinal Susreillance for HIC Infection in India' is published in *Journal of Health Management*, 13(3): 329-345.

DERMATOLOGY & STD (MAMC)

Seminars/Conferences attended

Dr. Rashmi Sarkar: Speak on 'Neonatal and Infantile Erythroderms' and 'Chemical peels in Melasma' in 22nd World Congress of Dermatology, Seoul, South Korea, 21-27 May 2011.

Dr. Vineet Relhan and Dr. Atul Mohan Kochhar: Attended 40th National Conference of IADVL at Jaipur, 9-12 February 2012.

Publications

Sinha, S., Sardana, K. and Garg, V.K. 2011. 'Coexistence of two Atypical Variants of Pityriasis Rosea. A case Report and Review of Literature'. *Pediatr Dermatol.* doi: 10.1111/j.1525-1470.2011.01549.x.

Sardana, K. and Garg, V.K. 2011. 'Low-dose isotretinoin in acne vulgaris: a critical review'. *Br J. Dermatol.*, 165(3): 698-700.

Sarkar, R., Bansal, S. and Garg, V.K. 2011. 'Dpidermolysis bullosa-where do we stand?' *Indian J. Dermatol Venereol Leprol*; 77(4): 431-8.

Sarkar, R., Garg, V.K. and Mysore, V. 'Position paper on mesotherapy'. *Indian J. Dermatol Venereol Leprol*; 77(2): 232-7.

Jain, S., Barman, K.D., Garg, V.K., Sharma, S., Dewan, S. and Mahajan, N. 2011. 'Multifocal cutaneous melanoacanthoma with ulceration: A case report with review of literature', *Indian J. Dermatol Venereol Leprol*, 77: 699-702.

Sharma, S., Barman, K.D., Garg, V.K. and Jain, S. 'Unilateral linear punctate plamo planter keratoderma'. *A case report Indian J. Dermatol Venereol Leprol.* 78(1): 85-8.

Books

Sardana, K., Garg, V.K. and Mahajan, S. 2012. *Diagnosis & Management of Skin Disorders: An Evidence-Based Approach*, Lippincott Williams & Wilkins.

Garg, V.K. and Sardana, K. Editors. *Exam. Based MCQ in Dermatology.* (2nd edn) Peepee Publishers.

Sardana, K. and Jain, A. *Ichthyosis. Advances in Pediatric Dermatology, New Delhi:* Jaypee Publishers.

Sarkar, R., Garg, V.K. and Mysore, V.K. 2011. Position paper on mesotherapy. IADVL Guidelines Book on Dermatotomy, Medknow Publishers, (1st Edn).

FORENSIC MEDICINE (UCMS)

M.D. Degrees awarded

M.D. - 2

Honours/Distinctions

Dr. S.K. Verma: Editor-in-chief, Indian Internet Journal of Forensic Medicine and Toxicology; Editor-in-chief, *Indian Internet Journal of Forensic Medicine and Toxicology*.

Dr. N.K. Aggarwal: Managing editor of the *International Journal of Medical Toxicology & Legal Medicine*.

Seminars/Conferences attended

Dr. S.K. Verma: Attended National Conference on, "Insight on Medico Legal Issues at Chinmaya Auditorium, Lodhi Road, Delhi on 10 July 2011.

Attended and participated in, 'International Workshop on Euthanasia' organized by UCMS and IMA at India International Centre, New Delhi, 5-7 August 2011.

Dr. N.K. Aggarwal: Chaired a session on Medical Ethics in the 3rd International Conference on Current Trends in Forensic Sciences, Legal Medicine, Medical Negligence and Litigation in Medical Practice at Jaipur, 3-5 February 2012.

Dr. A. Kumar: Attended and presented a paper 'Homicidal Electrocution, an unusual manner. A case Report' in the 3rd International Conference on Current Trends in Forensic Sciences, Legal Medicine, Medical Negligence and Litigation in Medical Practice at Jaipur.

Publications

Verma, A. and Verma, S.K. 2011. 'Dental/ Medical practice and Right to Information Act: Current status'. *IJFMT*; 9(1): 7-18.

Murty, O.P. and Verma, S.K. 2011. Jeevitaa/p Supaya, Jennifer Lee Liping, Loo Hsueh Han, Maria Elina bt Zia Study on Pattern of Suicides in Malaysian and Indian Capital. *IJFMT*; 9(2): 33-40.

Verma, S.K. and Verma, A. 2011. 'Admissibility of Forensic Evidence in Indian Courts'. *IJFMT*; 9(4): 86-91.

Kohli, A. 2011. Mapping murder- The geography of Indian firearm fatalities. Indian Armed Violence Assessment Issue Brief No. 2. Geneva: Small Arms Survey. Available india-ava.org/fileadmin/docs/IAVA%20IB%20Two.pdf.

MICROBIOLOGY (UCMS)

Ph.D. Degrees awarded

Ph.D. - 2

Seminars/Conferences attended

Dr. I.R. Kaur: XXXV National Conference of IAMM, MICROCON 2011 at IMS, BHU, Varanasi, 23-26 November 2011.

Dr. A. Kumar: 2nd International Congress on Gerontology and Geriatric Medicine (ICGGM 2012), UCMS, AIIMS, Indian Academy of Geriatrics- Delhi Chapter, 25-28 October 2012.

Publications

Das, S., Kashyap, B., Barua, M. and Gupta, N., et al. 2011. 'Nasal Rhinosporodiasis in Humans: new interpretations and review of literature of this enigmatic disease'. *Med. Mycology*. 49(3): 311-5.

Das, S., Dar, S.A., Bhattacharya, S.N., Ramachandran, V.G., Ahmed, T., Banerjee, B.D., Sonthalia, S., Sood, V. and Banerjee, A.C. 2011. 'Possible role of superantigens in inducing autoimmunity in Pemphigus patients'. *Journal of Dermatology*. 38: 1-8.

Das, S., Choudhry, S., Saha, R. and Ramachandran, V.G. 2011. 'Emergence of multiple drug resistance *Vibrio cholerae* O1 in East Delhi'. *JIDC*. ID#1251.

Pandhi, D., Singal, A. and Das, S. 2011. 'Myiasis arising in condylomata acuminata: an unusual presentation'. *International Journal of STD & AIDS*; 22: 238-240.

Das, S., Dar, S.A., Ramachandran, V.G., Bhattacharya, S.N., Mustafa, M.D. and Banerjee, B.D. 2011. 'Alterations in T-Lymphocyte Subset Profiles and Cytokine Secretion by PBMC of Systemic Lupus Erythematosus Patients Upon *In Vitro* Exposure to Organochlorine Pesticides'. *Journal of Immunotoxicology*. (Epub ahead of print).

Kashyap, B., Kaur, I.R., Garg, P.K., Das, D. and Goel, S. 2012. 'Test and treat policy in dyspepsia: time for reappraisal'. *Tropical Doctor*; DOI: 10.1258/td.2011.110411.

Kashyap, B., Das, S., Jain, S., Agarwal, A., Kaushik, J.S. and Kaur, I.R. 2011. 'Correlation between the Clinico Radiological Heterogeneity and the Immune-Inflammatory Profiles in Pediatric Patients with Neurocysticercosis from a Tertiary Referral Centre'. *J. Trop Pediatr* doi: 10.1093/tropej/fmr093.

Garg, P.K., Bhatt, S., Kashyap, B., George, A. and Jain, B.K. 2011. 'Genital filariasis masquerading as testicular torsion'. *J. Vector Borne Dis*; 48: 119-21.

Kashyap, B. 2011. Combat drug resistance: no action today means no cure tomorrow. World health day 2011: a microbiologist's perspective. (Editorial Commentary) *IJ Medical Specialities*; 2(1): 8-11.

- Jain, S., Kumar, A., Kashyap, B. and Kaur, I.R. 2011.** 'Clinico-epidemiological profile and high-level aminoglycoside resistance in enterococcal septicemia from a tertiary care hospital in east Delhi'. *International J. Applied Basic Medical Research*, 1: 80-83.
- Kashyap, B., Das, S., Kaur, I.R., Jhamb, R., Jain, S., Singal, A. and Gupta, N. 2012.** 'Fungal profile of clinical specimens from a tertiary care hospital'. *Asian Pacific Journal of Tropical Biomedicine*; 1-5.
- Rajat Jhamb, R., ashayap, B., Ranga, G.S. and Kumar, A. 2011.** 'Dengue fever presenting as acute liver failure—a case report'. *Asian Pacific journal of tropical medicine*; 4: 323-324.
- Kaur, I.R.** A newer approach for the Serodiagnosis of Leptospirosis using *Leptospira interrogans* serovar Tarassovi – *Asian J. of Medical Sciences*.
- Kumar, A., Kashyap, B., Mishra, S. and Agarwal, V. 2011.** 'Bacteriological analysis and antibacterial resistance pattern in burns sepsis - an observation at a tertiary care hospital in East Delhi'. *Infect Dis Clin Pract*; 19: 406-412.
- Jain, S., Kumar, A., Kashyap, B. and Kaur, I.R. 2011.** 'Clinico-epidemiological Profile and Pattern of High Level Aminoglycoside Resistance in Enterococcal Septicaemia: A Tertiary Care Hospital Based Cross-sectional Study'. *International Journal of Applied and Basic Medical Research*; 1: 80-83.
- Kumar, A., Kashyap, B. and Gupta, P. 2011.** 'Staphylococcal splenic abscess in a septicemic pediatric patient'. *Annals of Tropical Medicine and Public Health*; 4: 116-118.
- Khalil, S., Shah, D., Faridi, M.M.A., Kumar, A. and Mishra, K.** Prevalence and outcome of hepatobiliary dysfunction in neonatal septicemia. *JPGN* 2012; 54:218-222
'Rationale for Azithromycin prescribing practices for Enteric Fever in India' (Original Article).
- Rai, S., Jain, S., Prasad, K.N., Ghoshal, U. and Dhole, T.N. 2011.** *Indian J. Med Microbiol.* 2012; 30(1): 30-3.
- Rai, S., Manchanda, V., Singh, N.P. and Kaur, I.R. 2011.** 'Zinc Dependant Carbapenemases in Clinical Isolates of Family Enterobacteriaceae' (Original Article) *Indian J. Med Microbiol.* 29(3): 275-9.
- Manchanda, V., Rai, S., Gupta, S., Rautela, R.S., Chopra, R., Rawat, D.S., Verma, N., Singh, N.P., Kaur, I.R., Khare, S. and Bhalla, P. 2011.** 'Development of a TaqMan real time polymerase chain reaction for the detection of the newly emerging form of carbapenem resistance gene in clinical isolates of *Escherichia coli*, *Klebsiella pneumoniae*, and *Acinetobacter baumannii*' (Original Article) *Indian J. Med Microbiol.* 29(3): 249-53.
- Neogi, U., Sood, V., Ronsard, L., Singh, J., Lata, S., Ramachandran, V.G., Das, S., Wanchu, A. and Banerjea, A.C. 2011.** 'Genetic architecture of HIV- 1 genes circulating in north India & their functional implications'. *Indian J. Med Res.* 134, pp. 769- 778.

MICROBIOLOGY (MAMC)

Seminars/Conferences attended

Dr. P. Bhalla: Chaired a symposium on 'Curriculum of Microbiology for MBBS: Vision 2015-MCI' held during XXXV National Conference of Indian Association of Medical Microbiologists at Varanasi, 23-26 November 2011.

'Chlamydia trachomatis infection in HIV infected women: need for screening by a sensitive and specific test' Oral Paper presented at World Congress of Sexually Transmitted Infections and AIDS, New Delhi, 2-5 November 2011.

Dr. Beena Uppal: Attended National Conference on 'Tuberculosis: A Global Challenge', Shimla, 11-12 June 2011.

Dr. C.P. Baveja: Chaired oral paper session at XXXVth National Conference of IAMM, at Varanasi, 23-26 November 2011.

Chaired oral paper session at National Conference on 'Tuberculosis: A Global Challenge', Shimla, 11-12 June 2011.

Presented paper 'Mini-satellite based typing of *M. tuberculosis* strains isolated from HIV positive and negative individuals in a tertiary care hospital in India' at International Conference FEMS at Geneva, Switzerland, 2011.

Dr. Surinder Kumar: Attended National Conference on 'Tuberculosis: A Global Challenge', Shimla, 11-12 June 2011.

Paper presented 'Detection of pediatric *Mycoplasma pneumoniae* pneumonia by IgM Elisa and Polymerase Chain Reaction' at XXXVth National Conference of IAMM, at Varanasi, 23-26 November 2011.

Dr. Ravinder Kaur: Chairperson in 9th National Conference of Society for Indian Human and Animal Mycologists at Siliguri, 9-12 February 2012.

Presented a paper on 'Pneumocystis jirovecii pneumonitis in an infant with Cystic Fibrosis' in the 9th National Conference of Society for Indian Human and Animal Mycologists at Siliguri, 9-12 February 2012.

Dr. Deepti Rawat: Attended World Congress of Sexually Transmitted Infections and AIDS held at New Delhi, 2-5 November 2011.

Dr. P.L. Mehndiratta: Paper presented on 'Phage typing of MRSA strains using phages at different concentrations: Staphylococcal phage typing centre perspective' at 35th National Conference of IAMM, at BHU, Varanasi, 23-26 November 2011.

Publications

Bhalla, P., Kaur, R. and Anuradha, S. 2011. 'Management of opportunistic fungal infections in HIV/AIDS patients' HIV/AIDS in the post-HAART era: manifestations, treatment and epidemiology Edited by John, C. Hall, Brian J Hall, Clay J. Cockerall, Chapter 21, pp. 481-521, PMPH-USA.

Bhalla, P. 'Infection Control including Universal Precautions and Biomedical Waste Management' Unit written for Postgraduate Diploma in HIV Medicine being conducted by IGNOU.

Baveja, C.P. 2011. '*Medical Parasitology*', (2nd edn), Arya Publishers.

2011. '*Practical Pathology and Microbiology (Dental Students)*' (2nd edn), Arya Publishers.

Chaudhry, R., Chourasia, B.K. and Das, A. 2011. Chapter on "Mycoplasma" in the Text Book on '*Molecular Detection of Human Bacterial Pathogens*' (ed) Dr. Dongyou Liu, Publisher CRC Press.

Research Articles

Goel, V., Bhalla, P., Sharma, A. and Mala, Y.M. 2011. 'Lower genital tract infections in HIV-seropositive women in India'. *Indian Journal of Sexually Transmitted Diseases and AIDS*; Vol. 32, No. 2.

Manchanda, V., Verma, N. and Bhalla, P. 'Yeast identification in routine clinical microbiology laboratory and its clinical relevance'.

Manchanda, V., Rai, S., Gupta, S., Rautela, R.S., Chopra, R., Rawat, D.S., Verma, N., Singh, N.P., Kaur, I.R. and Bhalla, P. 'Development of TaqMan real-time polymerase reaction for the detection of the newly emerging form of carbapenem resistance gene in clinical isolates of *Escherichia coli*, *Klebsiella pneumoniae* and *Acinetobacter baumannii*'.

Chakravarti, A., Malik, S., Tewari, S. and Ashraf, A. 2011. 'A study of Chikungunya outbreak in Delhi'. *J. Commun. Dis.* 43(4): 259-263.

Matlani, M. and Chakravarti, A. 2011. 'Changing Trends of Dengue Disease: A brief report from a Tertiary care Hospital New Delhi'. *Brazilian Journal of Infectious Diseases*, 15(2): 184-185.

Dogra, G. and Chakravarti, A. 2011. 'To study the polymorphism of TNF- α and IL-10 gene in chronic patients and their effect on PegIFN therapy'. *Human Immunology*, 72(10): 935-939.

Sharma, H.J., Yadav, S., Lalwani, S.K., Kapre, S.V., Jadhav, S.S., Chakravarti, A., Parekh, S.S., Palkar, S., Bhardwaj, S.H., Namjoshi, G.S. and Verma, V. 2011. 'Immunogenicity and safety of an indigenously manufactured reconstituted pentavalent (DTwP-HBV+Hib) vaccine in comparison with a foreign competitor following primary and booster immunization in Indian children'. *Human Vaccine*. Vol. 7(4): 451-457.

Sharma, H., Yadav, S., Patil, V., Chacko, B., Kapre, S., Jadhav, S., Ravetkar, S., Bahl, S., Parekh, S., Chakravarti, A., Ashtagi, G. and Prasath, A. 2011. 'A phase III randomized, controlled study to assess and compare the immunogenicity and tolerability of single and multi-dose vials of DTwP-Hib, a fully liquid quadravalent vaccine and their comparison with TETRAct-Hib vaccine in Indian infants aged 6-14 weeks'. *Vaccine*. 29(48): 8773-9. Epub.

Maheshwari, M., Kumar, S., Sethi, G.R. and Bhalla, P. 2011. 'Detection of *Mycoplasma pneumoniae* in children with lower respiratory tract infections'. *Tropical Doctor*; 41: 40-42.

Kumar, S., Saigal, S.R. and Sethi, G.R. 2011. 'Rapid diagnosis of *Mycoplasma pneumoniae* by polymerase chain reaction in community-acquired lower respiratory tract infections'. *Tropical Doctor*; 41: 160-162.

2011. 'Detection of IgM and IgG antibodies to *Chlamydia pneumoniae* in pediatric community-acquired lower respiratory tract infections'. *Indian J. Pathol Microbiol*; 54: 782-5.

Kaur, R., Gautam, H., Maheshwari, M., Goyal, R., Bhalla, P. and Dewan, R. 2011. 'Concurrent Cryptococcal and Pneumocystis Pneumonia along with Pulmonary Tuberculosis in an HIV-Positive Patient: Lessons Learned for Early Management'. *J. Int Assoc Physicians AIDS Care (Chic)*.

Verma, J.S., Nair, D., Rawat, D. and Manzoor, N. 2011. Assessment of trends of ofloxacin resistance in Mycobacterium tuberculosis. *Indian J. Med Microbiol*. 29(3): 280-2.

Sharma, S., Nair, D., Rawat, D., Nanda, D., Hasan, A.S., Diwan, S., Deb, M. and Aggarwal, P. 2011. 'Burn wound septicemia—A pilot study from a tertiary care hospital'. *Ann Trop Med Public Health*; 4: 146 8.

MICROBIOLOGY (LHMC)

Publications

Books

Dutta, R. 2012. 'Childhood Tuberculosis – Newer Diagnostic Tools'. *Advances in Pediatrics*, (2nd edn.) Vol. 1. Jaypee Brothers Med. Publishers, 486-492.

Sherwal, B.L. 2011. Hand Hygiene and Needle Stick Injury. In *Hospital Infection Control: Clinical guidelines*, Edited by Saini, S., Saini, R. and Paras. 129-135.

Saxena, S. 2011. 'Bacteriology: Self instructional manual for PTU DEP students'. Vikas Publishing House.

2011. Selfless love. In *Chicken Soup for the Indian Doctors Soul*, Edited by Canfield, J., Hansen, M.V. and Bharadia, R., Westland, 117-120.

- Dutta, A.K., Dutta, R. and Pemde, H. 2011.** 'Combination Vaccines'. *Supplement – Indian J. Pediatr*; 78: S7-S14.
- Saxena, S., Singh, T., Agarwal, H. and Dutta, R. 2011.** 'Bacterial colonization of rings and cell phones carried by health-care providers: are these mobile bacterial zoos in the hospital?' *Trop Doc.* 41: 116-118.
- Saxena, S., Aggarwal, C., Anuradha and Mehta, G. 2011.** 'Chorioamnionitis due to *Arcanobacterium haemolyticum*'. *J. Global Infect Dis*; 3(1): 92-93.
- Urvashi, Saxena, S. and Dutta, R. 2011.** 'Antimicrobial resistance pattern of *Shigella* species over five years at a tertiary care teaching hospital in North India'. *J. Health Popl Nutri*; 29(3): 292-295.
- Gupta, V., Singla, N., Garg, R., Gulati, N., Rani, H. and Chander, J. 2011.** 'Need to establish importance of polymerase chain reaction for tuberculosis in smear as well as culture negative non-respiratory samples'. *Indian J. Med Microbiol.* 29(4): 445-6.
- Datta, P., Gulati, N., Singla, N., Rani Vasdeva H, Bala, K., Chander, J. and Gupta, V. 2011.** 'Evaluation of various methods for the detection of meticillin-resistant *Staphylococcus aureus* strains and susceptibility patterns'. *J. Med Microbiol.* 60(Pt 11): 1613-6.
- Chander, J., Singla, N., Gulati, N. and Sood, S. 2011.** '*Fusarium sacchari*: A cause of exogenous fungal endophthalmitis: first case report and review of literature'. *Mycopathologia.* 171(6): 431-4.
- Gupta, A., Dwivedi, M., Mahdi, A.A., Nagana, Gowda, G.A., Khetrapal, C.L. and Bhandari, M. 2011.** 'Inhibition of adherence of multi-drug resistant *E. coli* by proanthocyanidin'. *Urol Res.* [Epub ahead of print].

MICROBIOLOGY (VPCI)

Publications

- Abhimanyu, Mangangcha, I.R., Jha, P., Arora, K., Mukerji, M. and Banavaliker, J.N. 2011.** 'Indian Genome Variation Consortium, **Brahmachari, V. and Bose, M.** Differential serum cytokine levels are associated with cytokine gene polymorphisms in north Indians with active pulmonary tuberculosis'. *Infect Genet Evol.*; 11(5): 1015-22.
- Abhimanyu, Jha, P., Jain, A., Arora, K. and Bose, M. 2011.** 'Genetic association study suggests a role for SP110 variants in lymph node tuberculosis but not pulmonary tuberculosis in north Indians'. *Hum Immunol.* 72(7): 576-80.
- Tandon, R., Ponnann, P., Aggarwal, N., Pathak, R., Baghel, A.S., Gupta, G., Arya, A., Nath, M., Parmar, V.S., Raj, H.G., Prasad, A.K. and Bose, M. 2011.** 'Characterization of 7-amino-4-methylcoumarin as an effective antitubercular agent: structure-activity relationships'. *J. Antimicrob Chemother.* 66(11): 2543-55.

- Bose, M. 2011.** 'Female genital tract tuberculosis: how long will it elude diagnosis'? *Indian J. Med Res.* 134: 13-4. Commentary.
- Haldar, S., Bose, M., Chakrabarti, P., Dagainawala, H.F., Harinath, B.C., Kashyap, R.S., Kulkarni, S., Majumdar, A., Prasad, H.K., Rodrigues, C., Srivastava, R., Taori, G.M., Varma, B.M. and Tyagi, J.S. 2011.** 'Improved laboratory diagnosis of tuberculosis—the Indian experience'. *Tuberculosis (Edinb)*. 91(5): 414-26. Review.
- Abhimanyu, Jha, P. and Bose, M. 2012.** 'Footprints of genetic susceptibility to pulmonary tuberculosis: cytokine gene variants in north Indians'. *Indian J. Med Res.*
- Bose, M. 2012.** 'Decoding population genetics: Impact on tuberculosis control and treatment'. Editorial. *Indian J. Chest Dis allied Sci.* 54: 5-7.
- Shariff, M., Zahoor, S. and Deb, M. 2012.** 'Serotype 19A Streptococcus pneumoniae among Indian isolates is a cause for concern'. *Indian Journal of Medical Microbiology*; 30(1): 112.
- Kumar, B., Pati, D.R., Khanna, M., Kumar, P., Daga, M.K., Singh, V., Khare, S. and Gaur, S.N. 2012.** 'Age-sex distribution and seasonality pattern among influenza virus infected patients in Delhi, 2009-2010'. *Ind. J. Com. Med.* 37: 57-58.
- Khanna, M., Kumar, B., Gupta, A. and Kumar, P. 2012.** 'Pandemic influenza A H1N1 (2009) virus: Lessons from the past and implications for the future'. *Ind J. Virol.* (DOI: 10.1007/s13337-012-0066-3).
- Kumar, P., Khanna, M., Kumar, B., Rajput, R. and Banerjea, A.C. 2012.** 'A conserved matrix epitope based DNA vaccine protects mice against influenza A virus challenge'. *Antiviral Research.* 93: 78-85.
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OTOLARYNGOLOGY (UCMS)

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Gupta, N., Goyal, A., Singh, P.P. and Sharma, S. 2011. 'Isolated Laryngeal Lymphangioma-a Rarity'. *Indian J. Otolaryngol Head Neck Surg.*

Singh, P.P., Gupta, N. and Verma, P. 2012. 'Transient Evoked and Distortion Product Otoacoustic Emission Profile in Patients of Otosclerosis'. *Indian J. Otolaryngol Head Neck Surg.*

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Singh, P.P., Gupta, N. and Arora, V. 2012. Sialendoscopy. In Yadav, S.P.S., Ranga, R. (Eds) Recent Management in Otorhinolaryngology (Diagnosis and Treatment), Delhi: CBS Publishers.

OBSTETRICS & GYNAECOLOGY (UCMS)

Publications

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Agarwal, R., Radhakrishnan, G., Radhika, A.G., Jain, J., Sharma, S. and Srivastava, H. 2011. 'Pregnancy concomitant with metastatic adult granulosa cell tumor'. *Archives of Gynecology and Obstetrics*.

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- Malik, R., Guleria, K., Kaur, I., Sikka, M. and Radhakrishnan, G.** Effect of Helicobacter pylori eradication therapy in iron deficiency anaemia of pregnancy-A pilot study.
- Rajaram, S., Mehta, S. and Goel, N.** Time to misoprostol after mifepristone: still a bone of contention.
- Rajaram, S., Mehta, S., Gupta, B., Rathi, V. and Goel, N. 2012.** 'Poland syndrome with Mullerian agencies: a rare occurrence'. *Eur J. Obstet Gynecol Reprod Bio..*
- Sharma, E., Mustafa, M.D., Guleria, K., Pathak, R., Ahmed, R., Vaid, N.B. and Banerjee, B.D.** A case control study of Gene Environmental Interaction in Fetal Growth Restriction with special reference to Organochlorine Pesticides.
- Wanchoo, A., Radhika, A.G., Radhakrishnan, G. and Guleria, K. 2011.** 'Evaluation of transvaginal uterine artery ligation as a minimally invasive conservative treatment for symptomatic uterine leiomyoma'. *International J of gynne surgery*, Vol. 27, No. 4.

ORTHOPAEDICS (MAMC)

Honours/Distinctions

Dr. Anil Dhal: Awarded the IOSUK Senior fellowship for the year 2011-12.

Awarded the prestigious Dr. O.P. Sharma oration by the MP chapter of IOA for the year 2011-12.

Dr. Vinod Kumar: Honoured as Visiting Professor 'Mario covas' ABC University Hospital SAO PAULO at Brazil' and delivered a lecture on 'Orthopaedic training in India' on 12 May 2011.

Awarded with a 'Visiting Fellowship award on shoulder and elbow arthroscopy by "Mario Covas" ABC University Hospital SAO PAULO at Brazil', 9-13 May 2011.

Publications

Books

Gautam, V.K. Contributed a chapter on Neonatal Septic Arthritis and Osteomyekitis in a book titled 'Essential Neonatology', Noble publishers (ed.) Mathur, N.B., pp. 751-63.

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Varma, A., Maini, L., Gautam, V.K., Yadav, Y.K. and Kainth, G.S. Pott's Disease mimicking metastasis *Eur J Orthop Surg Traumatol*.

Mittal, S., Arora, S., Khanna, S., Maini, L. and Gautam, V.K. 2011. 'An unusual Presentation of Haemophilia B; Pseudotumor of Proximal Tibia'. *Am J. Orthop*; Vol. XL, No. 7; 407(7): E138.

Saha, S., Vasudeva, N., Paul, S. and Gautam, V.K. 2011. 'Study of Acromial Morphology in Indian Population'. *Rev Arg de Anat Clin*; 3(2).

Vashwant, Varma, A., Maini, L. and Gautam, V.K. 2011. Traumatic Posterior dislocation of shoulder in a child- a rare entity. Vol. 2, No. 2, pp. 117-18.

Kainth, G.S., Yuvarajan, P., Maini, L. and Kumar, V. 2011. Neglected femoral neck fractures in adults'. *J. Orthop. Surg. (Hong Kong)*, 19(1): 13-7.

- Sabat, D., Dabas, V., Kumar, V. and Dhal. 2011.** ‘Medical dislocation of elbow associated with a fracture of the lateral humeral condyle in a child with pre-existing cubitus varus’. *Journal of Clinical Orthopedics and Trauma*, 2(1): 54-56.
- Sabat, D., Arora, S., Kundu, K. and Kumar, V. 2011.** Tunnel widening after ACL reconstruction: A prospective randomized CT based study comparing two different femoral fixation methods for hamstring graft. *Arthroscopy*, 27(6): 776-83 [PMID: 21624672].
- Arora, S., Sabat, D., Kumar, V. and Saran, R.K. 2011.** ‘Aneurysmal bone cyst crossing the physis’. *Journal of Orthopedic Science*, [PMID: 21556894].
- Sabat, D., Arora, S., Kumar, V. and Gupta, A. 2011.** Os odontoideum complicating craniovertebral junction tuberculosis: a case report. *Spine (Phila Pa 1976)* 36(12): E814-8 [PMID: 21289572].
- Arora, S., Goel, N., Cheema, G.S., Batra, S. and Maini, L. 2011.** A Method to Localize The Radial Nerve Using the ‘Apex of Triceps Aponeurosis’ as a Landmark. *Clin Orthop Relat Res.* [Epub ahead of print].
- Agrawal, M., Yuvarajan, P. and Maini, L.** Modified minimally invasive approach for dynamic hip screw fixation. *Eur J. Orthop Surg Traumatol* DOI 10.1007/s00590-010-0719-0.
- Singh, H., Singh, V.R., Yuvarajan, P., Maini, L. and Gautam, V.K. 2011.** ‘Open wedge osteotomy of the proximal medial tibia for malunited tibial plateau fractures’. *J. Orthop Surg (Hong Kong)*, 19(1): 57-9.
- Singh, A., Cheema, G.S., Maini, L., Arora, S. and Gautam, V.K. 2011.** ‘Letter to the editor: Use of a cement-loaded Kuntscher nail in firststage revision hip arthroplasty for massive femoral bone loss secondary to infection: a report of four cases’. *J. Orthop. Surg.* (Hong Kong), 19(2): 261.
- Sabat, D., Maini, L. and Gautam, V.K. 2011.** ‘Neonatal separation of distal humeral epiphysis during Caesarean section: a case report’. *J. Orthop Surg (Hong Kong)*, 19(3): 376-8.
- Maini, L., Cheema, G.S., Yuvarajan, P. and Gautam, V.K. 2011.** ‘Gautam Free Osteoarticular Metatarsal Transfer for Giant Cell Tumor of Metacarpal—a Surgical Technique’. *Journal of Hand and Microsurgery*, 3(2): 89-92.
- Maini, L. 2011.** ‘Clean operating rooms for optimizing surgical outcome’. *Journal of Clinical Orthopaedics and Trauma*, 2(1): 1-2.
- Cheema, G.S., Arora, S., Sabat, D., Singla, J., Goel, N. and Maini, L. 2011.** ‘The results of two-staged operative management of pilon fractures-a review of 25 cases’. *Journal of Clinical Orthopaedics and Trauma*, 2(2): 104-108.

PHARMACOLOGY (MAMC)

Seminars/Conferences attended

Dr. Shweta Sharma, Dr. Amit Arya and Dr. Yangshen Lhamo: Attended 3rd National Conference of Indian Society for Rational Pharmacotherapeutics (ISRPTCON) Jammuwas, 25-27 November 2011.

Dr. Shivani Bhagat: Attended 'National Symposium on Translational Research in New Drug Development' at VP Chest institute, New Delhi, 12-13 January 2011.

Dr. Preeta Kaur: Attended International Conference on Cardiovascular Research Convergence Department of Pharmacology and Cardiology, AIIMS, New Delhi, 17-18 February 2012.

Dr. Vandana Roy: Participated in the Third International Conference for improving use of medicines: informed strategies, effective policies, lasting solutions. Antalya, Turkey. Organized by the World Health Organization, Management Sciences for Health, Harvard Medical School, INRUD, Karolinska Institute, Division of Global Health, 14-18 Nov. 2011.

Participated in National Symposium on therapeutic drug Monitoring organized by Clinical Pharmacology Unit, CMC Vellore in Association with International Association of Therapeutic Drug Monitoring & Clinical Toxicology, CMC Vellore, 23-25 February 2011.

Publications

Tekur, U. 2012. 'Prescribing in Special situations', *API Textbook of Medicine*, (ed) Munjal, Y.P., Jaypee Brothers Medical Publishers. 9th Edition.

Roy, V., Sahni, P., Gupta, P., Sethi, G.R. and Kumar, A. 'Blood levels of pyrazinamide in children at doses administered under the revised national tuberculosis control programme of India'. *Indian Pediatrics*. E pub 17 December 2011.

Kalra, B. and Roy, V. 2011. 'Efficacy of metabolic modulators in ischemic heart disease: an overview'. *Journal of Clinical Pharmacology*. PMID 21383339.

Roy, V., Gupta, U. and Agarwal, A. 2011. Essential medicine concept as a core of drug policy: impact on costs, availability of quality medicines and their rational use in Delhi. Abstract book. Third International Conference for improving use of medicines: informed strategies, effective policies, lasting solutions.

Chawla, S., Kalra, B.S., Dharmshaktu, P. and Sahni, P. 2011. 'Adverse drug reaction monitoring in a tertiary care teaching hospital'. *J. Pharmacol Pharmacother*; 2: 196.

Kalra, B.S. and Roy, V. 2012. Efficacy of Metabolic Modulators in Ischemic Heart Disease: An Overview *J Clin Pharmacol*, 52: 292-305.

Dharmshaktu, P., Tayal, V. and Kalra, B.S. 2012. Efficacy of Antidepressants as Analgesics: A Review *J. Clin Pharmacol*, 52: 6-17.

PHARMACOLOGY (UCMS)

Ph.D. Degrees awarded

Ph.D. - 3

Seminars/Conferences attended

Dr. S.K. Bhattacharya, Dr. Pramod K Mediratta, Dr. Naresh Khanna, Dr. Neeta Wardhan and Dr. Seema Jain: International Conference on CVS Reseach Convegence, AIIMS, New Delhi, 17-18 February 2012.

Dr. Rachna Gupta: International Symposium on 'Medical Response to Mass Casualty and Disaster Management: INDUS-EM 2011', Delhi International Symposium on 'Medical Response to Mass Casualty and Disaster Management: INDUS-EM 2011', at UCMS & GTB Hospital, Delhi, 28-29 September 2011.

International Conference on CVS Reseach Convegence, AIIMS, New Delhi, 17-18 February 2012.

Dr. Neeta Wardhan, Dr. Seema Jain and Dr. Sumita Halder: International Symposium on 'Medical Response to Mass Casualty and Disaster Management: INDUS-EM 2011', at UCMS & GTB Hospital, Delhi, 28-29 September 2011.

Dr. Seema Jain and Dr. Sumita Halder: 2nd International Congress on Gerontology and Geriatric Medicine, UCMS, Delhi, 25-26 February 2012.

Publications

Agarwal, N.B., Agarwal, N.K., Mediratta, P.K. and Sharma, K.K. 2011. 'Effect of lamotrigine, oxcarbazepine and topiramate on cognitive functions and oxidative stress in PTZ-kindled mice'. *Seizure*. 20(3): 257-262.

Agarwal, N.B., Jain, S., Agarwal, N.K., Mediratta, P.K. and Sharma, K.K. 2011. 'Modulation of pentylenetetrazole-induced kindling and oxidative stress by curcumin in mice'. *Phytomedicine*. 18(8-9): 756-759.

Arora, T., Mehta, A.K., Joshi, V., Mehta, K.D., Rathor, N., Mediratta, P.K. and Sharma, K.K. 2011. 'Substitute of Animals in Drug Research: An Approach Towards Fulfillment of 4R's'. *Indian J. Pharm Sci*. 73(1):1-6.

Bhandari, U., Kumar, V., Khanna, N. and Panda, B.P. 2011. 'The effect of high-fat diet-induced obesity on cardiovascular toxicity in Wistar albino rats'. *Hum Exp Toxicol*. 30(9): 1313-1321.

Bhandari, U., Pathan, R.A., Kumar, V. and Khanna, N. 2011. 'Ameliorative role of atorvastatin on methionine-induced hyperhomocysteinemia and hematological changes in albino rats'. *Indian J. Exp Biol*. 49(2): 132-139.

- Chopra, D., Wardhan, N. and Rehan, H.S. 2011.** 'Knowledge, attitude and practices associated with adverse drug reaction reporting amongst doctors in a teaching hospital'. *Int J. Risk Saf Med.* 23(4): 227-232.
- Gupta, L.K., Gupta, R. and Tripathi, C. 2011.** 'NMDA-Receptor Modulators block Hyperalgesia induced by Acute Low Dose Morphine'. *Clin Exp Pharmacol Physiol*, 38(9): 592-597.
- Gupta, R., Bhatia, J. and Gupta, S.K. 2011.** 'Risk of hepatotoxicity with add-on leflunomide in rheumatoid arthritis patients'. *Arzneimittelforschung*. 61(5): 312-316.
- Halder, S., Mehta, A.K., Kar, R., Mustafa, M., Mediratta, P.K. and Sharma, K.K. 2011.** 'Clove oil reverses learning and memory deficits in scopolamine-treated mice'. *Planta Med.* 77(8): 830-834.
- Halder, S., Mehta, A.K., Mediratta, P.K. and Sharma, K.K. 2011.** 'Essential oil of clove (*Eugenia caryophyllata*) augments the humoral immune response but decreases cell mediated immunity'. *Phytother Res.* 25(8): 1254-1256.
- Jain, S., Bharal, N., Khurana, S., Mediratta, P.K. and Sharma, K.K. 2011.** 'Anticonvulsant and antioxidant actions of trimetazidine in pentylenetetrazole-induced kindling model in mice'. *Naunyn Schmiedebergs Arch Pharmacol.* 383(4): 385-392.
- Jain, S., Kumar, C.H., Suranagi, U.D. and Mediratta, P.K. 2011.** 'Protective effect of N-acetylcysteine on bisphenol A-induced cognitive dysfunction and oxidative stress in rats'. *Food Chem Toxicol.* 49(6): 1404-1409.
- Jindal, M., Garg, G.R., Mediratta, P.K. and Fahim, M. 2011.** 'Protective role of melatonin in myocardial oxidative damage induced by mercury in murine model'. *Hum Exp Toxicol.* 30(10):1489-1500.
- Khanna, N., Malhotra, R.S., Mehta, A.K., Garg, G.R., Halder, S. and Sharma, K.K. 2011.** 'Interaction of morphine and potassium channel openers on experimental models of pain in mice'. *Fundam Clin Pharmacol.* 25(4): 479-484.
- Mehta, A.K., Halder, S., Khanna, N., Tandon, O.P. and Sharma, K.K. 2012.** 'Antagonism of stimulation-produced analgesia by naloxone and N-methyl-D-aspartate: role of opioid and N-methyl-D-aspartate receptors'. *Hum Exp Toxicol.* 31(1): 51-56.
- Rehan, H.S., Manak, S., Yadav, M., Deepinder, Chopra, D. and Wardhan, N. 2011.** 'Diversity of genotype and mode of spread of Hepatitis C virus in Northern India'. *Saudi J. Gastroenterol.* 17(4): 241-244.
- Sharma, A., Mediratta, P.K., Sharma, K.K. and Fahim, M. 2011.** 'Lipotab, a polyherbal formulation, attenuates isoprenaline-induced left ventricular remodeling and heart failure in rats'. *Hum Exp Toxicol.* 30(8): 1000-1008.

Sharma, A.K., Bhattacharya, S.K., Khanna, N., Tripathi, A.K., Arora, T., Mehta, A.K., Mehta, K.D. and Joshi, V. 2011. 'Effect of progesterone on phosphamidon-induced impairment of memory and oxidative stress in rats'. *Hum Exp Toxicol.* 30(10): 1626-1634.

Sharma, A.K., Mehta, A.K. Rathor, N., Chalawadi Hanumantappa M.K., Khanna, N. and Bhattacharya, S.K. 2011. 'Melatonin attenuates cognitive dysfunction and reduces neural oxidative stress induced by phosphamidon'. *Fundam Clin Pharmacol.* 26.

Indexed journals

Khanna, N. 2011. 'Oxytocics'. *Current Med J. (India)*, XVI (12): 45-50.

2012. 'Update on antiemetic drugs'. *Current Med J. (India)* XVII (10)7-13.

PHARMACOLOGY (LHMC)

Seminars/Conferences attended

Dr. H.S. Rehan: Attended an International Conference on Pharmacovigilance organized by International Society of Pharmacovigilance at Istanbul, Turkey, 25-28 October 2011.

Dr. Lalit Kumar Gupta: Attended a National Conference organized by Society of Toxicology at Jaipur, 22-24 December 2011.

Publications

Chopra, D., Wardhan, N. and Rehan, H.S. 2011. 'Knowledge, attitude and practices associated with adverse drug reaction reporting amongst doctors in teaching hospital'. *Int. J. Risk Safety Med.*, 23(4): 227-232.

Deepinder, Rehan, H.S., Bajaj, V.K., Kumar, P., Gupta, N. and Singh, J. 2012. 'Analgesic activity and safety of ash of silver used in Indian system of medicine in mice: A reverse pharmacological study'. *Indian J. Pharmacol.* 44(1): 46-50.

Deepinder, Rehan, H.S., Yadav, M., Manak, S. and Kumar, P. 2011. 'IFN- α -2a Interferon and ribavirin induced suicidal attempt in a patient of chronic HCV: A rare case report'. *Indian J. Pharmacol.* 43(2): 210-11.

Gupta, L.K., Gupta, R. and Tripathi, C.D. 2011. 'N-Methyl-D-aspartate receptor modulators block hyperalgesia induced by acute low-dose morphine'. *Clin. Exp. Pharmacol. Physiol.* 38: 592-597.

Rehan, H.S., Manak, S., Yadav, M., Deepinder, Chopra, D. and Wardhan, N. 2011. 'Diversity of Genotype and Mode of Spread of Hepatitis C Virus in Northern India'. *Saudi J. Gastroenterol.* 17(4): 241-244.

PHYSIOLOGY (UCMS)

Ph.D. Degrees awarded

Ph.D. - 2

Honours/Distinctions

Dr. Satendra Singh: Nominated by UGC for 5th UGC-TEC Consortium to visit Mauritius.

Seminars/Conferences attended

Dr. Abhinav Dixit: Attended 2nd International Congress on gerontology and geriatric medicine, 25-29 February 2012.

Dr. Savita Singh: 24th Annual National Conference of Indian Society of Atherosclerosis Research and International CME on Atherosclerosis at JIPMER, Puducherry, 24-25 September 2011.

Publications

Anjana, Y., Khaliq, F. and Vaney, N. 2011. 'Functional status of auditory pathways in children with borderline intellectual functioning: Evoked potential study'. *Ind J. Physiol Pharmacol.* 55(5) suppl. p. 302.

Bandhu, R., Shankar, N., Tandon, O.P. and Madan, N. 2011. 'Event related potentials in anemic school going girls of age group 8-10 years'. *Indian Journal of Physiology and Pharmacology*; 55: 234-240.

Chandra, P., Khaliq, F., Vaney, N., Ahmed, T., Tripathi, A.K. and Banerjee, B.D. 2011. 'Pulmonary function and oxidative stress in workers exposed to styrene in plastic factory'. *Hum Exp Toxicol.* 30(11): 1743-50. Epub Mar 7.

Dixit, A., Goyal, A., Thawani, R. and Vaney, N. 2012. 'Effect of caffeine on color word stroop task'. *Indian Journal of Psychological Medicine 2012 online.*

Dixit, A., Thawani, R., Goyal, A. and Vaney, N. 2012. 'Psychomotor performance of medical students: studying effect of 24 hours of sleep deprivation'. *Indian Journal of Psychological Medicine online.*

Dixit, A., Vijayalakshmi and Vaney, N. 2011. 'Performance on color word stroop task in different phases of menstrual cycle'. *Ind J. Physiol Pharmacol.* 55(5) suppl. p. 131.

Gautam, S., Shankar, N., Tandon, O.P. and Goyal, N. 2011. 'Comparison of autonomic functions among postmenopausal women with and without hormone replacement therapy and post menopausal women'. *Indian Journal of Physiology and Pharmacology*; 55: 297-303.

2011. 'Quality of life assessment in early post menopausal women in India with and without hormone replacement therapy'. *Australasian Journal*; 4: 355-366.

Goyal, A. and Khaliq, F. 2011. 'Pulmonary functions and ambient air pollution in residents of Delhi'. *Indian Journal of Medical Specialities*. Online first.

2011. 'Pulmonary functions and ambient air pollution in residents of Delhi'. *Indian Journal of Medical Specialities*. Online first.

Gupta, S. and Singh, S. 2011. 'Confluence: Understanding Medical Humanities through Street Theatre'. *Med Humanities*. 37: 127-128.

Khaliq, F., Singh, P., Chandra, P., Gupta, K. and Vaney, N. 2011. 'Pulmonary functions in plastic factory workers: a preliminary study'. *Indian J. Physiol Pharmacol*; 55(1): 60-66.

Khaliq, F., Adila, P., Singh, S. and Fahim, M. 2011. 'Relationship of Baroreflex Sensitivity and Hyperglycemia in Streptozotocin Induced Diabetes in Rats'. *Ind J. Physiol Pharmacol*. 55 (5) suppl.

Khaliq, F., Gupta, K. and Singh, P. 2011. 'Autonomic reactivity to cold pressor test in prehypertensive & hypertensive medical students'. *Ind J. Physiol Pharmacol*. 55(3): 246-252.

Madan, N., Rusia, U., Sikka, M., Sharma S. and Shankar N. 2011. 'Developmental and neurophysiologic deficits in iron deficiency in children'. *Indian Journal of Pediatrics*; 78: 58-64.

Shankar, N., Guatam, S., Rajkumari, R. and Goyal, G. 2011. 'Do Blood groups influence our pain perception'? *Indian Journal of Physiology and Pharmacology*; 55: 378-380.

Shankar, N., Singh, S., Gautam, S. and Dhaliwal, U. 2011. 'Motivation and preparedness of first semester medical students for a career in medicine'. *Indian Journal of Physiology and Pharmacology*; 55(supplement):189-190.

Singh, S. 2012. 'Broadening horizons: Looking beyond disability'. *Med Educ*.

2011. 'Neurorestoratology and ethics: Honest errors or Horrors'? *Australasian Medical Journal*; 4(8): 451-452.

2011. 'Near peer teaching in South Asia: A buzz word or ground reality'? *Mymensingh Med J*. 20(1):171-172.

Singh, S., Soni, R., Singh, K.P. and Tandon, O.P. 2012. 'Effect of yoga practices on pulmonary function tests including transfer factor of lung for carbon monoxide (TLCO) in asthma patients'. *Ind J. Phy Pharmacol*; 56(1): 63-68.

Soni, R., Kanika, M., Singh, K.P. and Singh, S. 'Study of the effect of yoga training on diffusion capacity in COPD patients: A controlled trial'. *International Journal of Yoga*.

Soni, R., Singh, S. and Singh, K.P. 'Lung functions in mild and moderate COPD: The effect of pranayama and yoga-asanas'. *Biomedicine*.

Vaney, N., Yumnam, A. and Khaliq, F. 2011. 'No auditory conduction abnormality in children with Attention Deficit Hyperactivity Disorder'. *Functional Neurology*; 26(3): 159-163.

Yadav, A., Kanojia, S., Babbar, R. and Mala, Y.M. 2011. 'Event related Evoked Potential in pregnancies complicate with pre-eclampsia'. *IJPP*; 55(5): 138-139 : suppl.

PHYSIOLOGY (MAMC)

Publications

Parveen, A., Babbar, R., Aggarwal, S., Kotwani, A. and Fahim, M. 2011. 'Terminalia arjuna enhances baroreflex sensitivity and myocardial functions in isoproterenol induced chronic heart failure rats'. *J. Cardiovascular Pharmacology and Therapeutics*, (Published online).

Kaur, S., Bhalla, P., Bajaj, S.K., Sanyal, S. and Babbar, R. 2011. 'Effect of physical and mental stress on heart rate variability'. *Indian Journal of Physiology and Pharmacology*, Vol. 55, No. 5, pp. 97-98 Supplementary.

Bhalla, P., Kaur, S., Bajaj, S.K., Sanyal, S., Babbar R, 2011. Effect of body mass index on heart rate variability (HRV). *Indian Journal of Physiology and Pharmacology*, Vol. 55, No.5, pp. 203-204 Supplementary.

Dabas, R., Babbar R, Aggarwal S, Manaktala, U. and Sanyal S. 2011. Effect of iron deficiency anemia on cognitive function pregnant females. *Indian Journal of Physiology and Pharmacology*, Vol. 55 No.5, pp. 176-177 Supplementary.

Jain, P., Aprajita, Jain, A.K., Babbar, R. 2011. Maximal Exercise modulates event related potentials and reaction time in untrained medical students. *Indian Journal of Physiology and Pharmacology*, Vol. 55, No.5, pp. 272-273 Supplementary.

Aprajita, Jain, P., Jain AK and Babbar R. Acute affective responses to maximal intensity graded exercise in untrained subjects. *Indian Journal of Physiology and Pharmacology*, Vol. 55, No.5, p 98-99 Supplementary 2011.

Parashar, R., Bhalla, P., Aggarwal, S., Singh N, Singh R, Babbar R. 2011. Migraine – is it related to hormonal disturbance or stress? *Indian Journal of Physiology and Pharmacology* Vol.55 No.5, pp. 161-162 Supplementary.

Mahajan AS, Sunita, Mishra, T.K., Jain, A.K. and Singh NP. 2011. Lipid profile, malondialdehyde and vitamin E level as potential atherogenic risk factors in subclinical hypothyroid patients. *Ind. J. Med. Biochemistry*, 15(2)47-53.

Sachdeva, R., Babbar, R., Puri, V., Aggarwal, S. and Bal Krishna. Correlation between Cognitive functions and nitric oxide levels in patients with dementia. *Clinical EEG and Neurosciences*, Vol. 42, No. 3, 190-194.

Books/Chapters/Contributed

Jain, A.K. 2011(2nd Edn). *Human physiology in nutshell*. New Delhi: Arya Publications.

2011. (1st Edn). *Text book of Physiology for Nurses*. New Delhi: Arya Publications.

2011. (1st Edn). *Text book of forensic medicine & Jurisprudence & Toxicology*. New Delhi: Arya Publications.

2011. (1st Edn). *Text book of practical physiology for MBBS*. New Delhi: Arya Pub.

(4th Edn) *Manual of practical Physiology for MBBS*. New Delhi: Arya Publications.

PATHOLOGY (UCMS)

Honours/Distinctions

Dr. Garima Mahajan: Dr. Dharendra Nath IJHBT Award for Best Paper published in 2011 in Indian Journal of Hematology & Transfusion Medicine. The paper was part of the thesis done under the supervision of Dr. Meera Sikka, 10 November 2011.

Dr. Usha Rusia: Awarded fellowship of Indian Society of Hematology & Transfusion Medicine, 18 November 2011.

Seminars/Conferences attended

Dr. Satendra Sharma: 'International CME in Pathology- Histopathology and Cytopathology' at Goa Medical College, Goa, 11-12 November 2011.

Dr. Usha Rusia invited as Judge: For JC Patil Award at ISHTM Chandigarh.

Publications

Malhotra, K.P., Shipra, M. and Bhatia, A. Centchroman: Is unsupervised long-term use warranted? case report, *Eur J Contracept Reprod. Health Care.* 2011, 16(5) 403-406.

Bhatia, A., Malhotra, G., Grover, P., Singh N. 2011. A cytomorphological Study of Secretions in breast cancer. *J. of Cytology*, 28: 199-202.

Madan N, Rusia, U., Sikka, M., Sharma S and Shankar, N. 2011. Developmental and neurophysiologic deficits in iron deficiency in children. *Indian Journal of Pediatrics*, 78 (1):58-64.

Mahajan, G., Sikka, M., Rusia U and Bhatia MS. 2011. Iron Profile in Children with Behavioural disorders A prospective study in a tertiary care hospital in Northern India *Ind. J. Hematology & Transfusion; Med.* 27(2): 75-80.

Malik, R., Gulleria, K., Kaur, I., Sikka, M. and Radhakrishnan G. 2011. Effect of Helicobacter pylori eradication therapy in iron deficiency anaemia of pregnancy - A pilot study, *Indian Journal of Medical Research*, 134: 224-231.

Gupta, S., Sharma, S.B., Singh, U.R. and Bansal, S.K. Salutary Effect of Cassia auriculata L. Leaves on Hyperglycemia-induced Atherosclerotic Environment in Streptozotocin Rats Cardiovasc Toxicol DOI 10.1007/s12012-01109120-4.

Singh, I., Joshi, M., Singh, U.R., Khan N. 2011. 'Vesical Amyloidosis Masquerading as Bladder Cancer with Hematuria. *Int. J. Nephrol Urol*, 3 (1): 78-81.

Aggarwal S and Arora VK. 2011. An unusual variant of leiomyoma masquerading preoperatively as sarcoma. *Indian J. Cancer*, 48 (1): 120-121.

Sehgal, V.N., Verma, P., Bhattacharya, S.N., Sharma, S., Singh, N., Verma, N. 2012. Cutaneous Tuberculosis : A Diagnostic dilemma *Skin Med*; 10: 28-33.

- Garg, P., Jain, B.K., Rathi V, Singh, N. and Mohanty, D. 2011.** Mid-arm epitrochlear lymphadenopathy: a clinico- radiological surprise. *J Infect Dev Ctries*;5: 820-824.
- Sehgal, V.N., Srivastava, G., Sharma, S., Sehgal, S. 2011.** Lichenoid tissue reaction/ Interface dermatitis: Clinico-pathological overtones. *Indian J. Dermatol Venereol Leprol.* 77(4):418-30.
- Gupta, L., Singal, A., Pandhi, D. and Sharma S. 2011.** Co-existent reactive perforating collagenosis (RPC) and lepromatous leprosy with Erythema Nodosum Leprosum: Response to treatment. *Indian J Dermatol Venereol Leprol.* 77(4): 520-2.
- Mahajan, G., Kotru, M., Batra, M., Gupta A. and Sharma S. 2011.** Usefulness of Histopathological Examination in Uterine Prolapse Specimens. *Australia New Zealand Journal of Obstetrics & Gynaecology*; 51(5): 403-5.
- Mahajan, G., Kotru, M., Sharma, R. and Sharma S. 2011.** ‘Role of Histopathology in Non traumatic perforation of small intestine’. *Journal of Gastrointestinal Surgery*; 15(10): 1837-41.
- Sehgal, V.N., Sharma, S., Verma P, Pahwa, M. and Mendiratta V. 2011.** Disseminated cutaneous tuberculosis an atypical presentation of re-infection (secondary) tuberculosis in an immuno-competent individual. *American Journal of Dermatopathology.* [Epub ahead of print].
- Sehgal, V.N. and Sharma S. 2011.** The significance of Gram’s stain smear, potassium hydroxide mount, culture and microscopic pathology in the diagnosis of Acrodermatitis Continua of Hallopeau. *Skin Med.* 9(4): 260-1.
- Sehgal, V.N., Verma, P., Sharma, S., Srivasatava G, Aggarwal, A., Rasool F. and Chatterjee, K. 2011.** ‘Acrodermatitis continua of Hallopeau: evolution of treatment options’. *International Journal of Dermatology.* 50(10): 1195-211.
- Agarwal, R., Radhakrishnan, G., Radhika, A.G., Jain, J, Sharma, S. and Srivastava, H. 2011.** Pregnancy concomitant with metastatic adult granulosa cell tumor. *Arch Gynecol Obstet.* 284 (3):743-7. Epub.
- Sehgal, V.N., Sharma S, Verma P, Srivastava, G. and Gupta M. 2012.** Idiopathic confetti-like leukoderma with unusual presentation. *American Journal of Dermatopathology.* 34(1):117-121.
- Gupta, N., Goyal, A., Singh PP and Sharma S. 2011.** Isolated Laryngeal Lymphangioma - a rarity. *Indian Journal of Otolaryngology and Head & Neck Surgery.* 63(Suppl1): S90-S92.
- Agarwal, A., Kotru, M., Sharma V. and Sharma S. 2011.** Adrenal insufficiency in primary adrenal lymphoma: innocuous presentation of a rare sinister illness. *Nigerian J Clin Pract*; 14(1): 115-7.

Sehgal, V.N., Verma, P., Bhattacharya, S.N., Sharma S, Singh N. and Verma N. Cutaneous tuberculosis: a diagnostic dilemma. *Skinmed.* 2012 Jan-Feb;10(1): 28-33; quiz 34.

Gandhi, A., Garg K. and Wadhwa N. 2011. Neonatal Plasmodium malaria- an overlooked entity. *J Infect Dev Ctries*; 5: 489-92.

Wadhwa, N., Jain, G. and Panikar N. 2011. Actinomycotic oophoritis misdiagnosed as an ovarian tumor. *J. Obstet Gynaecol Res.* 37: 969-70.

PULMONARY MEDICINE (VPCI)

New Course Introduced

D.M. (Pulmonary Medicine)

Library Development

Total Budget	:	₹ 1,11,22,010/-
Books added	:	17
Journals subscribed	:	99

Honours/Distinctions

Prof. S.N. Gaur: Awarded 'Prof. S.N. Gaur Oration Award' instituted by the National College of Chest Physicians, Rajasthan chapter.

Awarded 'J.J. Rao Oration Award' Title of the oration was, 'Respiratory problems in elderly', The Geriatric Society of India, at the 8th International Conference on Geriatric Care at Govt. Medical College and Guru Nanak Dev Hospital, Amritsar, 5-6 Nov. 2011.

Awarded the 'IFICON 2012 Oration Award' Title of the oration was, 'Role of viruses in respiratory diseases', the Influenza Foundation of India at the King Institute of Preventive Medicine and Research, Chennai, 12 February 2012.

Guest of Honour at the inaugural function of Annual International Conference of Biotechnology Society of India, BIOTECH 2012, at the Institute of Liver and Biliary Sciences, New-Delhi, 24 February 2012.

Editor-in-Chief and Publisher, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of the V.P. Chest Institute and the National College of Chest Physicians (India).

Editor, *Indian Journal of Allergy, Asthma and Immunology*, an official publication of the Indian College of Allergy, Asthma and Applied Immunology.

Secretary, National College of Chest Physicians (India).

Secretary, South Asia Association of Allergy, Asthma & Clinical Immunology (SAAAACI).

Expert Member, Workshop for preparing guidelines for management of Community Acquired Pneumonia, PGIMER, Chandigarh.

Chairman, Ethical Committee, Tuberculosis Centre, New Delhi.

Prof. Ashok Shah: Invited to be the Guest Editor of the October 2011 issue of the Asian Pacific Allergy Journal of the Asia Pacific Association of Allergy, Asthma and Clinical Immunology.

Member Society Representative to Asia Pacific Association of Allergy, Asthma and Clinical Immunology for 2011-2013.

Editor, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of the V.P. Chest Institute and the National College of Chest Physicians (India).

Associate Editor, *Indian Journal of Tuberculosis*, an official publication of the Tuberculosis Association of India.

Section Editor (Infectious Diseases), *Lung India*, an official publication of the Indian Chest Society.

Medical Council of India Assessor for inspection of Mahatma Gandhi Medical College and Hospital, Sitapura, Jaipur, under the Mahatma Gandhi University of Medical Sciences and Technology, Jaipur for increasing the seat in MD (Respiratory Medicine) course.

External Expert, Technical Committee – Lala Ram Swaroop Institute of Tuberculosis and Allied Diseases for purchase of cryoscopy for bronchoscopic intervention.

Prof. S.K. Chhabra: Associate Editor, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of the V.P. Chest Institute and the National College of Chest Physicians (India).

Section Editor (Pulmonary Circulation), *Lung India*, an official publication of the Indian Chest Society.

Prof. Raj Kumar: Section Editor (Occupational Disorders and Research Methods), *Lung India*, an official publication of the Indian Chest Society.

Joint Secretary, Indian College of Allergy, Asthma and Applied Immunology, Delhi.

Treasurer, South Asia Association of Asthma, Allergy & Clinical Immunology.

Secretary, Society for Tobacco Control.

Recourse Person, “Review workshop on National Tobacco Control Program and COTPA, 2003”. YMCA Tourist Hostel, Jai Singh Road, New Delhi.

Seminars/Conferences attended

Prof. S.N. Gaur: 8th International Conference on Geriatric Care, Amritsar, 5-6 November 2011.

International Symposium on Airway Diseases: Etiology to Clinic, Gurgaon, Haryana, 25 February 2012.

Prof. Ashok Shah: Diseases (NATCON 2011) Dehradun, 18-20 November 2011.

9th National Conference of the Society of Indian Human & Animal Mycologists, Siliguri, 9-12 February 2012.

Prof. S.K. Chhabra: International Symposium on Airway Diseases: Etiology to Clinic, Gurgaon, 24-25 February 2012.

Prof. Ashok Shah, Prof. S.N. Gaur, Prof. Ashok Shah, Prof. S.K. Chhabra, Dr. Balakrishnan Menon and Prof. Raj Kumar: National Conference on Pulmonary Diseases, New Delhi, 27-30 November 2011.

Publications

Arora, N., Kukreja, N., Nair, S., Gaur, S.N. and Singh, B.P. 2011. (1sted). Allergen immunotherapy: current approaches for management of allergic rhinitis and asthma. In: *Immunotherapy: Activation, Suppression and Treatments*. (ed) BC Facinelli. pp. 131-157. Nova Science Publishers, N.Y., U.S.A.

Chhabra, P. and Chhabra, S.K. 2011. Effect of smoking on body mass index: A community-based study. *Natl. J. Community Med.* 2: 325-330.

2011. Gender differences in perception of dyspnea, assessment of control, and quality of life in asthma. *J. Asthma.* 48: 609-15.

Chhabra, S.K. 2011. Agreement and differences between venous and arterial gas analysis. *Ann. Thorac. Med.* 6:154.

Chhabra, S.K., Vijayan, V.K., Rahman, M., Mittal, V. and Singh, P.D. 2012. Regression equations for spirometry in children aged 6 to 17 years in Delhi region. *Indian J. Chest Dis. Allied Sci.* 54:59-63.

Chowdhary, A., Kathuria, S., Randhawa, H.S., Gaur, S.N., Klaassen, C.H. and Meis, J.F. 2012. Isolation of multiple-triazole-resistant *Aspergillus fumigatus* strains carrying the TR/L98H mutations in the *cyp51A* gene in India. *J. Antimicrob. Chemother* 67:362-366.

Gaur, S.N. 2011. Allergen immunotherapy: The scientific facts (editorial). *Indian J. Chest Dis. Allied Sci.* 53: 205-206.

Gaur, S.N. and Agarwal, K. 2012. Allergic rhinitis and asthma (ARIA) guidelines: (a summary). In: Allergic Rhinitis and Asthma (eds) D.Y. Wang and S.N. Gaur, pp. 66-69., New Delhi: Kontetntworx Publishers.

- 2012.** Allergic-rhinitis-clinical presentation and management. In: Allergic Rhinitis and Asthma (eds) D.Y.Wang and S.N. Gaur, pp 27-48. New Delhi: Kontetntworx Publishers.
- 2011.** An approach to the diagnosis of allergic disorders. In: Immunology in Clinical Practice (eds) P.S. Shankar, A.Vora and S.Bendre, pp101-112., India: Academy of Respiratory Medicine, Mumbai.
- 2012.** Defence mechanisms of the lung. In: Allergic Rhinitis and Asthma (eds) D.Y.Wang and S.N. Gaur, pp. 3-14. New Delhi: Kontetntworx Publishers.
- 2012.** Immunotherapy. In: Allergic Rhinitis and Asthma (eds) D.Y.Wang and S.N. Gaur, pp 116-125. New Delhi: Kontetntworx Publishers.
- 2012.** The link between allergic rhinitis and asthma. In: Allergic Rhinitis and Asthma (eds) D.Y.Wang and S.N. Gaur, pp 97-106. New Delhi: Kontetntworx Publishers.
- Gaur, S.N., Kumar, Raj., Lohia, A.K. and Agarwal, K. 2011.** Sensitivity to common aeroallergens in allergic rhinitis as a predictor of bronchial hyperreactivity and development of asthma. *Indian J. Allergy Asthma Immunol.* 25: 61-66.
- Gupta, A. and Shah, A. 2011.** Bronchial anthracofibrosis: an emerging pulmonary disease due to biomass fuel exposure. *Int. J.Tuberc. Lung Dis.*15: 206-212.
- Gupta, P., Vijayan, V.K. and Bansal, S.K. 2012.** Changes in protein profile of erythrocyte membrane in bronchial asthma. *J. Asthma.* 49: 129-133.
- Kotwani, A., Chhabra, S.K., Tayal, V. and Vijayan, V.K. 2012.** Quality of asthma management in an urban community in Delhi, India. *Indian J. Med. Res.* 135: 184-192.
- Kotwani, A. and Chhabra, S.K. 2012.** Impact of standard treatment guidelines and patient education on asthma control and knowledge in asthmatic patients: a controlled trial in Delhi, India. *WHOSEA J. Pub. Health.* 1: 42-51.
- Kulshrestha, R., Menon, BK., Kumar, Raj. and Vijayan, V.K. 2012.** Role of a pattern based approach in interpretation of transbronchoscopic lung biopsy and its clinical implications. *Indian J. Chest Dis. Allied Sci.* 54: 9-17.
- Kumar, B., Pati, D.R., Khanna, M., Kumar, P., Daga, M.K., Singh, V., Khare, S. and Gaur, S.N. 2012.** Age-sex distribution and seasonality pattern among influenza virus infected patients in Delhi, 2009-2010. *Ind. J Com. Med.* 37: 57-58.
- Kumar, R. 2011.** Air pollution and respiratory diseases. In Behera, D., Editor-in-Chief. *NCCP Text Book of Respiratory Medicine:* Jaypee Brothers P. Ltd. 752-755.
- 2011.** Allergic rhinitis and sinusitis. In 'Immunology in clinical practice', PS Shankar, Agam Vora and SalilBendre (Eds). Mumbai; 25-29.
- 2011.** Book Review Textbook of Pulmonary and Critical Care Medicine: Jaypee Brothers P. Ltd. *Indian J. Chest Dis. Allied Sci.* 53:191.
- 2011.** Smoking and lung diseases. In Behera D, Editor-in-Chief. *NCCP text book of Respiratory Medicine:* Jaypee Brothers Medical Publisher (P.) Ltd. 27: 247-251.

- Kumar, R., Mahakud, G.C., Nagar, J.K., Singh, S.P., Raj, N., Gopal, K. and Vijayan, V.K. 2011.** Breathe Carbon Monoxide level of non-smokers exposed to environmental tobacco smoke. *Indian J. Chest Dis. Allied Sci.* 53:215-219.
- Kumar, R., Mahakud, G.C., Nagar, J.K., Tabassum. and Goel, N. 2011.** Rhinitis and tobacco consumption: a brief study. *Indian J. Allergy Asthma Immunol.* 25: 15-20.
- Kumar, R. and Vijayan, V.K. 2012.** Smoking cessation programmes and other preventive strategies for chronic obstructive pulmonary disease. *JAPI.* 58;53-56.
- Manral, S., Bhatia, S., Sinha, R., Kumar, A., Rohil, V., Arya A., Dhawan A., Arya P., Joshi R., Sreedhara S.C., Gangopadhyay S., Bansal, S.K., Chatterjee, S., Chaudhury, N.K., Vijayan, V.K., Saso, L., Parmar, V.S., DePass, A.L., Prasad, A.K. and Raj, H.G. 2011.** Normalization of deranged signal transduction in lymphocytes of COPD patients by the novel calcium channel blocker H-DHPM. *Biochimie.* 93:1146-56.
- Menon B. and Kulshrestha R.** Radiological diagnosis of lung diseases. In *Gross Lung Pathology: A Color Atlas.* (eds) Kulshrestha R, Vaideeswar P, Amonkar G, Gruber-Mosenbacher U. and Popper HH. pp. 21-46. Delhi: Vidyanilyam Prakashan.
- Mir, E. and Shah, A. 2012.** Allergic bronchopulmonary aspergillosis in a patient with chronic obstructive pulmonary disease. *Prim. Care Respir. J.* 21: 111-114.
- Mishra, A., Gaur, S.N. and Arora, N. 2012.** *In-silico* assessment of the potential allergenicity of transgenes used for the development of GM food crops. *Food Chem. Toxicol.* 50: 1334-1339.
- Panjabi, C. and Shah, A. 2011.** Allergic *Aspergillus* sinusitis and its association with allergic bronchopulmonary aspergillosis. *Asia Pac. Allergy.* 1: 130-137.
- Rajaratnam, U., Sehgal, M., Nairy, S., Patnayak, R.C., Chhabra, S.K., Kilnani and Ragavan K.V.** HEI Health Review Committee. 2011. Time-series study on air pollution and mortality in Delhi. *Res. Rep. Health Eff. Inst.* 157:47-74.
- Ray, A., Gulati, K. and Vijayan, V.K. 2011.** Pharmacovigilance in respiratory medicine. *J. Pharmacovigilance Drugs Safety.* 8: 34-35.
- Sadasivam, K., Ravi, K., Vijayan, V.K. and Patial, K. 2011.** Anti-oxidant treatment in obstructive sleep apnea syndrome. *Indian J. Chest Dis. Allied Sci.;* 53: 153-162.
- Sareen, R. and Shah, A. 2011.** Hypersensitivity manifestations to the fruit mango. *Asia Pac. Allergy* 1: 43-49.
- Shah, A. 2011.** Current trends in upper airways and ocular allergic inflammation. [editorial]. *Asia Pac Allergy* 3:105-107.
- 2012.** Fungal infections of Lungs. In: Munjal YP, Editor. *API Textbook of Medicine.* 9th edition. Mumbai: *Association of Physicians of India;* pp. 1740-1744.

Sharma, M., Bose, M., Abhimanyu., Sharma, L., Diwakar, A., Kumar, S., Gaur, S.N. and Banavalikar, J.N. 2012. Intracellular survival of *Mycobacterium tuberculosis* in macrophages is modulated by phenotype of the pathogen and immune status of the host. *Int. J.Mycobacteriol.* (Available online at <http://www.sciencedirect.com/science/journal/aip/22125531>).

Sharma, P., Singh, A.K., Singh, B.P., Gaur, S.N. and Arora, N. 2011. Allergenicity assessment of osmotin, a pathogenesis-related protein, used for transgenic crops. *J. Agric. Food Chem.* 59:9990-95.

Sharma, R., Deval, R., Priyadarshi. V., Gaur, S.N., Singh, V.P. and Singh, A.B. 2011. Indoor fungal concentration in the homes of allergic/asthmatic children in Delhi, India. *Allergy Rhinol.* 2: 21-32.

Sharma, R., Gaur, S.N., Singh, V.P. and Singh, A.B. 2012. Association between indoor fungi in Delhi homes and sensitization in children with respiratory allergy. *Med. Mycol.*50:281-90.

Srivastava, D., Gaur, S.N., Arora, N. and Singh, B.P. 2011. Clinico-immunological changes post-immunotherapy with *Periplaneta americana*. *Eur. J.Clin. Invest.* 48:879-88.

Varma, B.M., Kumar, S., Arora, J., Angrup, A., Zozio, T., Banavaliker, J.N., Singh, U.B., Rastogi, N., Manral, S., Bhatia, S., Sinha, R., Kumar, A., Rohil, V., Arya, A., Dhawan, A., Arya, P., Joshi, R., Sreedhara, S.C., Gangopadhyay, S., Bansal, S.K., Chatterjee, S., Chaudhury, N.K., Vijayan, V.K., Saso, L., Parmar, V.S., Depass, A.L., Prasad, A.K. and Raj, H.G. 2011. Normalization of deranged signal transduction in lymphocytes of COPD patients by the novel calcium channel blocker H-DHPM. *Biochimie.* 93:1146-56.

Wang, De-Yun and Gaur, S.N. (eds.). 2012. *Allergic rhinitis and asthma*. New Delhi: Kontetntworx Publishers.

RADIODIAGNOSIS (MAMC)

Publications

Articles and Chapters

Dixit, R., Kumar, J., Chowdhury, V., Rajeshwari, K. and Sethi, G.R. 2011. Case report: Isolated unilateral pulmonary vein atresia diagnosed on 128 slice multidetector CT. *Indian J. of Radiology and Imaging* 253-256, 21(4).

Singh, S. 2011. Fundamentals and Principles of Magnetic Resonance Imaging and Metabolic disorders of the Brain; Delhi Pediatrics bulletin of 'Indian Academy of Pediatrics.

2012. 'Magnetic Resonance Imaging of the Knee' Diagnostic Radiology Musculoskeletal and Breast imaging-276, 3rd edition.

- Chowdhury, V. 2012.** 'Magnetic Resonance Imaging in Bone Marrow disorders' Diagnostic Radiology Muskuloskeletal and Breast imaging-381, 3rd edition.
- Garg, A. 2012.** 'Malignant Bone Tumors' Diagnostic Radiology Muskuloskeletal and Breast imaging-244, 3rd edition.
- Pradhan, G.S. and Chowdhury, V. 2012.** 'Tuberculosis of Brain and Joints'. *Diagnostic Radiology Muskuloskeletal and Breast imaging*, 64, 3rd edition.
- Dixit, R. 2012.** 'Tuberculosis of the spine' Diagnostic Radiology Muskuloskeletal and Breast imaging-94, 3rd edition.
- Prakash, A. 2012.** 'Magnetic Resonance imaging of Hip and Pelvis' Diagnostic Radiology Muskuloskeletal and Breast imaging-322-340, 3rd edition.
- Manchanda, A. and Gupta, A.K. 2012.** 'Skeletal disorders of metabolic and endocrine origine' Diagnostic Radiology Muskuloskeletal and Breast imaging, 177, 3rd edition.
- Kumar, J. and Pawa, S. 2012.** 'Degenrative disease of the spine and joints" Diagnostic Radiology Muskuloskeletal and Breast imaging, 149, 3rd edition.

RADIOLOGY (UCMS)

Honours/Distinctions

Dr. Shuchi Bhatt and Dr. Anupama Tandon: Fellowship under junior scientist exchange programme by NAMS, India.

Seminars/Conferences attended

Dr. Rajpal: Chaired scientific session at National Conference of IRIA, Hyderabad, A.P., 26-29 January 2012.

Publications

Bhargava, S.K., Tandon, A., Prakash, M., Arora, S.S., Bhatt, S. and Bhargava, S. 2012. 'Radiography and Sonography of clubfoot-a comparative study' *Indian Journal of Orthopedics*; 46: 229-35.

Tandon, A., Wadhwa, N., Jain, B., Tandon, R. and Bhatt, S. 'Intraductal papilloma of extraglandular segment of Stensen's duct: a sonography diagnosis and pathological correlation'. *Journal of Diagnostic Medical Sonography* Jan/Feb 2012, 28(1): 39-42.

Tandon, A., Tandon, R., Abrari, A., Chandeasker, M., Das, P., Bansal, B. and Bhatia, N. 2011. 'Cervical ectopic thymic cyst: a rare preoperative diagnosis'. *BMJ Case Reports* bcr. 05.2011.4250(1).

Tandon, A., Jain, B., Tandon, R., Grover, C., Pandhi, D. and Bhatt, S. 2011. 'Infantile Hemangioendothelioma of Parotid: A sonographic diagnosis'. *Journal of Diagnostic Medical Sonography*; 27: 131-134.

Tandon, A., Agarwal, R., Tandon, R. and Prakash, M. 2011. 'Multiple Intracystic Floating Balls'. *BMJ Case Reports*; DOI: 10.1136/bcr.03.2011.3962.

Srivastava, A.K., Bhargava, S., Mehrotra, G., Agarwal, S. and Tripathi, R. Studies on ADC values on Diffusion Weighted MR Imaging, in various regions of brain on healthy subjects and in ischemic brain.

Srivastava, A.K. 2012. Cases of Over doses of Radiation reported in Brain CT perfusion scans in US Hospital Medical Physics chronicle, Vol. 4, No. 1, p. 4.

Rathi, V. and Agarwal, M. 2011. Ultrasonography: Special situation. *Advances in Obstetrics and Gynecology*. (eds) Mehta, S., Rajaram, S. and Goel, N. New Delhi: Jaypee Bros. Med Publishers (P) Ltd., Vol. (3): 1470-157.

SURGERY (MAMC)

Publications

Patil, S., Jain, S., Kaza, R.C. and Chamberlain, R.S. 2011. 'Giant gastrointestinal stromal tumor presenting as a palpable abdominal mass: an unusual presentation'. *ISRNSurg*.

Jain, S.K., Kaza, R.C. and Garg, P.K. 2011. 'Incidental congenital transmesenteric hernia in an adult'. *Eur Rev Med Pharmacol Sci*.

Jain, S.K., Kaza, R.C. and Tanwar, R. 2011. 'Mucormycosis of the anterior chest wall presenting as a soft tissue tumour'. *J. Wound Care*.

Jain, S.K., Tanwar, R., Kaza, R.C. and Agarwal, P.N. 2011. 'A prospective, randomized study of comparison of clipless cholecystectomy with conventional laparoscopic cholecystectomy'. *J. Laparoendosc Adv Surg Tech A*.

Lal, P., Vindal, A., Sharma, R., Chander, J. and Ramteke, V.K. Safety of open technique for first-trocar placement in laparoscopic surgery: a series of 6,000 cases.

Chander, J., Mangla, V., Vindal, A., Lal, P. and Ramteke, V.K. Laparoscopic choledochoduodenostomy for biliary stone disease: a single-center 10-year experience.

Vindal, A. 2011. 'Current status of Laparoscopic Hernia repair', in proceedings of Surgery Update, New Delhi.

Datta, P.K., Bulstrode, C.J. and Kaur, V. (eds). 2011. Principles of laparoscopic surgery and endoscopic procedures. Chapter 4. Pawanindra Lal. In *How to pass MRCS OSCE*, Vol. 1.

2011. Needles, sutures and instruments. Chapter 7. Pawanindra Lal. In *How to Pass MRCS OSCE*, Vol. 1.

2011. Incisions and Wounds. Chapter 8. Pawanindra Lal. In *How to Pass MRCS OSCE*, Vol. 1. Proceedings of surgery update 2011.

G.B. PANT HOSPITAL

ANESTHESIA

Publications

Research Articles

Tempe, D.K., Garg, M., Datta, D. and Virmani, S. 2011. 'Right atrial spontaneous echo-contrast: transesophageal echocardiographic features'. *Ann Card Anaesth*; 14: 55.

Tempe, D.K., Garg, M. and Tomar, A.S., et al. 2012. 'Unicuspid aortic valve: transesophageal echocardiographic features'. *J. Cardiothorac Vasc Anesth*, 26: 277-9.

Tempe, D.K., Dutta, D. and Arora, K.D. 2011. 'An unusual shadow in the left atrium after mitral valve replacement'. *J. Cardiothorac Vasc Anesth*; 25: 1219-20.

Tempe, D.K., Hasija S. and Malik, I., et al. 2011. TEE images of aorto-pulmonary (central) shunt. *Ann Card Anaesth*; 14: 230-1.

Tempe, D.K., Garg, M., Virmani, S. and Dutta, D. 2011. 'An unusual arterial pressure waveform'. *J. Cardiothorac Vasc Anesth*; 25: 567.

Tempe, D.K., Dutta, D., Garg, M., Minhas, H., Tomar, A. and Virmani, S., et al. 2011. 'Myocardial protection with isoflurane during off-pump coronary artery bypass grafting: a randomized trial'. *J. Cardiothorac Vasc Anesth*; 25: 59-65.

Tempe, D.K. and Hasija, S. 2012. 'Are tranexamic acid and epsilon aminocaproic acid adequate substitutes for heparin'. *Ann Card Anaesth*, 15: 4-5.

Virmani, S., Uppal, R., Kiro, K., Bhandari, H., Dutta, D., Singh, N. and Aggarwal, A. 2011. 'Successful double lumen tube insertion in a patient with unanticipated laryngeal and tracheal web'. *Ann Card Anaesth*. 14(3): 211-3. PubMed PMID: 21860195.

Choudhari, A.H. 2011. 'A comparison between intravenous paracetamol plus fentanyl and intravenous fentanyl alone for postoperative analgesia during laparoscopic cholecystectomy'. *Anesthesia: Essays and Researches*; 5: 196-200.

GASTROINTESTINAL SURGERY

Publications

Mishra, P.K., Saluja, S.S., Gupta, M., Rajalingam, R. and Pattnaik, P. 2011. 'Blumgart's Technique of Pancreaticojejunostomy: An Appraisal'. *Dig Surg*. 28(4): 281-287.

Saluja, S.S., Nayeem, M., Sharma, B.C., Bora, G. and Mishra, P.K. 2012. 'Management of choledochal cysts and their complications'. *Am Surg*. 78(3): 284-90.

- Saluja, S.S., Kalayarasan, R., Mishra, P.K. and Saran, R.K. 2011.** 'Duodenal MALToma with Gastric Outlet Obstruction. Case Report and Review of Literature'. *J. Gastrointest Cancer*.
- Bhatia, V., Rastogi, A., Saluja, S.S., Kumar, M., Bihari, C. Kalayarasan and Gupta, N.L. 2011.** Cystic Pancreatic Lymphangioma - First Report of Pre-Operative Pathological Diagnosis by Endoscopic-Ultrasound Guided Cyst Aspiration *JOP*; 12(5):473-76.
- Rajalingam, R., Saluja, S.S., Sharma, A. and Mishra, P.K. 2011.** Post Cholecystectomy Gossypiboma – A Malignant Masquerade *Am Surg*. 77(5): E94-5.
- Agarwal, A.K. 2011.** Liver packing in elective surgery: 'Calculated retreat is not defeat'. *World J. Surg.* 35(11): 2499-500. PubMed PMID: 21927964. – An invited commentary.
- Ghosh, M., Sakhuja, P. and Agarwal, A.K. 2011.** Xanthogranulomatous cholecystitis: a premalignant condition? *Hepatobiliary Pancreat Dis Int.*; 10(2): 179-84. PubMed PMID: 21459725.
- Bose, S., Sakhuja, P., Bezawada, L., Agarwal, A.K., Kazim, S.N., Khan, L.A., Sarin, S.K. and Ramakrishna, G. 2011.** 'Hepatocellular carcinoma with persistent hepatitis B virus infection shows unusual downregulation of Ras expression and differential response to Ras mediated signaling'. *J. Gastroenterol Hepatol.*; 26(1): 135-44. doi: 10.1111/j.1440-1746.2010.06305.x. PubMed PMID: 21175807.
- Arora, A., Puri, S.K., Kapoor, A., Upreti, L. and Aggarwal, A. 2011.** 'Gastrocoele due to concomitant distal esophageal and antral stricture following corrosive ingestion'. *Trop Gastroenterol.* 32(3): 244-6. PubMed PMID: 22332350.
- Javed, A. and Agarwal, A.K. 2012.** Laparoscopic retrosternal bypass for corrosive stricture of the esophagus. *Surg Endosc.* [Epub ahead of print] PubMed PMID: 22552862.
- Rajalingam, R., Javed, A., Sharma, D., Sakhuja, P., Singh, S., Nag, H.H. and Agarwal, A.K. 2012.** 'Management of hypersplenism in non-cirrhotic portal hypertension: a surgical series'. *Hepatobiliary Pancreat Dis Int.*; 11(2): 165-71. PubMed PMID: 22484585.
- Rajalingam, R., Javed, A., Gondal, R., Arora, A., Nag, H.H. and Agarwal, A.K. 2012.** 'Non-familial double malignancy of the colon and ampulla of Vater: a case report and review of literature'. *Saudi J. Gastroenterol.* 18(2): 143-5. PubMed PMID: 22421722; Pub Med Central PMCID: PMC3326977.
- Agarwal, A.K., Kalayarasan, R., Singh, S., Javed, A. and Sakhuja, P. 2012.** All cholecystectomy specimens must be sent for histopathology to detect inapparent gallbladder cancer. *HPB (Oxford)*. 14(4): 269-73. doi: 10.1111/j.1477-2574.2012.00443.x. Epub. PubMed PMID: 22404266.
- Javed, A., Kalayarasan, R. and Agarwal, A.K. 2011.** 'Liver Hydatid with HIV Infection: an Association'? *J. Gastrointest Surg.* [Epub ahead of print] PubMed PMID: 21997433.

Gupta, N., Javed, A., Puri, S., Jain, S., Singh, S. and Agarwal, A.K. 2011. 'Hepatic hydatid: PAIR, drain or resect'? *J. Gastrointest Surg.*; 15(10): 1829-36. Epub 2011 Aug 9. PubMed PMID: 21826545.

Banerjee, N., Javed, A., Deepak, D., Pawar, M. and Chattopadhyay, T.K. 2011. 'Hyperbaric oxygen therapy: an adjuvant treatment modality for chemo-radiation induced hemorrhagic gastritis'. *Trop Gastroenterol.*; 32(3): 248-50. PubMed PMID: 22332352.

Javed, A., Pal, S. and Chattopadhyay, T.K. 2011. 'Chylolymphatic cysts of the mesentery'. *Trop Gastroenterol.*; 32(3): 219-21. Pub Med PMID: 22332339.

Javed, A., Pal, S., Ahuja, V., Ramam, M., Subbarao, K.C., Sahni, P. and Chattopadhyay, T.K. 2011. 'Management of peristomal pyoderma gangrenosum—two different approaches for the same clinical problem. *Trop Gastroenterol.*; 32(2): 153-6. PubMed PMID: 21922887.

Javed, A., Pal, S., Dash, N.R., Sahni, P. and Chattopadhyay, T.K. 2011. 'Outcome following surgical management of corrosive strictures of the esophagus'. *Ann Surg.*; 254(1): 62-6. PubMed PMID: 21532530.

Gangavatiker, R., Pal, S., Javed, A., Dash, N.R., Sahni, P. and Chattopadhyay, T.K. 2011. 'Effect of antecolic or retrocolic reconstruction of the gastro/duodenojejunostomy on delayed gastric emptying after pancreaticoduodenectomy: a randomized controlled trial'. *J. Gastrointest Surg.*; 15(5): 843-52. Epub. PubMed PMID: 21409601.

Javed, A., Pal, S., Dash, N.R., Ahuja, V., Mohanti, B.K., Vishnubhatla, S., Sahni, P. and Chattopadhyay, T.K. 2012. 'Palliative stenting with or without radiotherapy for inoperable esophageal carcinoma: a randomized trial'. *J. Gastrointest Cancer.*; 43(1): 63-9. PubMed PMID: 20835926.

Books/Chapters/Contributed

Agarwal, A. is guest editor together with Dr. Yuman Fong from MSKCC, USA for the Elsevier's ECAB series book on Gallbladder Cancer with Prof. Nundy as the series Editor.

Invited to write a chapter on '*Acute Calculous Cholecystitis*' in the 4th edition of textbook '*Clinical and Surgical Gastroenterology*' that will be published in Brazil, in Portuguese.

Conference/Workshops/Symposiums attended

Dr. P.K. Mishra: International APHPBA Conference, Melbourne, Australia, 27-30 September 2011.

Presented 2 papers National Indian Association of Surgical Gastroenterology, Jaipur, 13-16 October 2011.

Dr. H.H. Nag: International Liver Symposium 2011, Hotel Crowne, Gurgaon, NCR, 26-28 August 2011.

NEUROLOGY

Publications

Gupta, M., Batra, A., Trivedi, A., Chowdhury, D. and Khwaja, G.A. 2012. 'Restless leg syndrome, periodic limb movements, febrile seizures and Attention deficit hyperactivity disorder in an Indian family'. *Ann Indian Acad Neurol.* 15(1): 39-43.

Manmohan Mehndiratta, Pandey, S., Nayak, R. and Alam, A. 2012. 'Posterior Circulation Ischemic Stroke-Clinical Characteristics, Risk Factors, and Subtypes in a North Indian Population: A Prospective Study'. *The Neurohospitalist*, 2: 46-50 DOI: 10.1177/1941874412438902.

Pandey, S. and Mehndiratta, M.M. 2011. 'Pisa Syndrome without Dopamine Blocking Agent in Parkinson's Disease'. *Journal of Movement Disorders*; 4: 78-79.

Mehndiratta, M.M. 2011. 'McLeod Syndrome and Acanthocytosis'. *Ann Indian Acad Neurol*; 14: 143.

Mehndiratta, M.M., Garg, R.K. and Pandey, S. 2011. Nonmotor Symptom Complex of Parkinson's Disease-An Under-recognized Entity. *JAPI*; 59: 302-308.

Wasay, M., Venketasubramanian, N., Kaul, S., Menon, B., Gunaratne, P., Malik, A., Ahmed, S. and Mehndiratta, M.M. 2011. Predictors of Cerebral Venous Thrombosis and Arterial Ischemic Stroke in *Young Asian Women Journal of Stroke and Cerebrovascular Diseases*, Vol. No. 2011: pp. 1-6.

Khwaja, G.A., Gupta, M., Chowdhury, D., Hirve, Kulkarni, A., Raghuvanshi, S. and Batla, A. 2011. Recurrent Herpes Zoster Related Myelitis in an Immunocompetent Child – a Case Report. *JIACM*.

Gupta, M., Chowdhury, D., Khwaja, G.A., Batra, A., Patidar, Y. and Gupta, A. Das. Hoffmann Syndrome with Bilateral Foot Drop: A Case Report. IVIG Induced Acute Psychosis in a Case of Acute Motor Axonal Neuropathy.

Khwaja, G.A., Kulkarni, A., Bohra, V., Gupta, M., Chowdhary, D. and Chaudhry, N. JIACM.

Books

Editor Chowdhury, D., Associate Editors: Gupta, M., Mehndiratta, M.M. and Garg, R.K. 2012. Headache and Related Disorders, Demyelinating Diseases of Nervous System *API Text Book of Medicine*; 9(2): 1482-1489.

Mehndiratta, M.M. and Nayak, R. 2011. ICH therapy: Current status and future directions *Medicine Update*; 21: 229-35.

CARDIO-THORACIC & VASCULAR SURGERY

Publications

'Extensive local spread of rhabdomyosarcoma'. *Journal of Cardiac Surgery* 2011; 26: 294).

Right atrial spontaneous echo-contrast: Transesophageal echocardiographic features, *Annals of Cardiac Anesthesia* 2011; 14:55-57.

Compression of the Left Main Coronary Artery by a Pulmonary Artery Aneurysm in a Patient with Tetralogy of Fallot and an Absent Pulmonary Valve. *Journal of Cardiac Surgery* 2011; 26: 330-332.

Pulmonary Valve Preservation in Tetralogy of Fallot with a Mildly Hypoplastic Annulus- Should we do it? *Indian Journal of Thoracic and Cardiovascular Surgery* 2011; 27: 76-82.

Single Stage versus Two Stage Repair for Univentricular Heart- – Our Experience. *Indian Journal of Thoracic and Cardiovascular Surgery* 2011; 27: 83-87.

Supracardiac Total Anomalous Pulmonary Venous Connection with Severe Rheumatic Mitral Valve Disease, *Journal of Cardiac Surgery* 2011; 26: 526-528.

Dissection of Thoraco-Abdominal Aorta Following Stenting For Coarctation, *Indian Journal of Thoracic and Cardiovascular Surgery* 2011; 27; 188-189.

Irreversible loss of vision in a pediatric patient due to occipital infarction after cardiopulmonary bypass. *Annals of Cardiac Anesthesia* 2012; 15: 88-90.

RADIODIAGNOSIS

Publications

Gupta, N., Javed, A., Puri, S., Jain, S., Singh, S. and Agarwal, A.K. 2011. 'Hepatic Hydatid-PAIR, drain or resect'? *J. Gastrointest Surg*, 15(10): 1829-36.

Arora, A., Puri, S.K., Kapoor, A., Upreti, L. and Aggarwal, A. 2011. 'Gastrocoele due to concomitant distal esophageal and antral stricture following corrosive ingestion'. *Trop Gastroenterol*. 32(3): 244-6.

Bano, S., Upreti, L., Puri, S.K., Chaudhary, V. and Sakuja, P. 2011. 'Imaging of pancreatic serous cystadenocarcinoma'. *Jpn J. Radiol*. 29: 730-4.

Kapoor, A.K., Puri, S.K., Arora, A., Upreti, L. and Puri, A.S. 2011. 'Case report: Filariasis presenting as an intra-abdominal cyst'. *Indian J. Radiol Imaging*; 21:18-20.

Nayeem, M., Saluja, S.S., Sharma, A.K., Saran, R.K. and Mishra, P.K. 2011. 'Late omental gangrene following corrosive ingestion'. *Trop Gastroenterol*. 32(2): 147-50.

Saluja, S.S., Mishra, P.K., Sharma, B.C. and Narang, P. 2011. 'Management of choledochal cyst with portal hypertension'. *Singapore Med J*. 52(12).

Dutta, N., Agarwal, S., Upreti, L. and Satsangi, D.K. 2011. 'Extensive local spread of rhabdomyosarcoma'. *J. Card Surg.* 26(3): 294.

Khante, V., Agarwal, S., Satyarthi, S., Upreti, L. and Satsangi, D.K. 2011. 'Compression of the left main coronary artery by a pulmonary artery aneurysm in a patient with tetralogy of Fallot and an absent pulmonary valve'. *J. Card Surg.* 26(3): 330-2.

GASTROENTEROLOGY

Publications

Tyagi, P., Puri, A.S., Sharma, B.C., Sachdeva, S., Saran, R.K. and Bhatia, V. 2012. 'Nodules in antrum after variceal eradication a new finding in patients with portal hypertension'. *Indian J. Gastroenterol.* [Epub ahead of print].

Sachdeva, S., Rawat, A.K., Reddy, R.S. and Puri, A.S. 2011. 'Small intestinal bacterial overgrowth in irritable bowel syndrome: frequency and predictors'. *J. Gastroenterol Hepatol.* 26 Suppl 3: 135-8.

Saluja, S.S., Mishra, P.K., Sharma, B.C. and Narang, P. 2011. 'Management of choledochal cyst with portal hypertension'. *Singapore Med J.* 52(12): e239-43.

Mittal, V.V., Sharma, B.C., Sharma, P. and Sarin, S.K. 2011. 'A randomized controlled trial comparing lactulose, probiotics, and L-ornithine L-aspartate in treatment of minimal hepatic encephalopathy'. *Eur J. Gastroenterol Hepatol.*; 23(8): 725-32.

Sharma, P., Singh, S., Sharma, B.C., Kumar, M., Garg, H., Kumar, A. and Sarin, S.K. 2011. 'Propofol sedation during endoscopy in patients with cirrhosis, and utility of psychometric tests and critical flicker frequency in assessment of recovery from sedation'. *Endoscopy.* 43(5): 400-5. Epub 2011 May 4.

Sharma, P. and Sharma, B.C. 2011. 'Profile of hepatic encephalopathy in children with cirrhosis and response to lactulose'. *Saudi J. Gastroenterol.* 17(2): 138-41.

Garg, H., Sarin, S.K., Kumar, M., Garg, V., Sharma, B.C. and Kumar, A. 2011. Tenofovir improves the outcome in patients with spontaneous reactivation of hepatitis B presenting as acute-on-chronic liver failure. *Hepatology.* 53(3): 774-80. doi: 10.1002/hep.24109. Epub 2011 Feb 3. Erratum in: *Hepatology.* 54(3):1114.

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Sharma, B., Srivastava, S., Singh, N., Sachdev, V., Kapur, S. and Saraya, A. 2011. 'Role of probiotics on gut permeability and endotoxemia in patients with acute pancreatitis: a double-blind randomized controlled trial'. *J. Clin Gastroenterol.* 45(5): 442-8.

Sachdeva, S. 2011. Contributed a chapter titled 'Role of bacteria in Irritable Bowel Syndrome' in the book titled '*IBS & Small Intestinal Bacterial Overgrowth*' published in 2011 by Macmillan Medical Communications.

PSYCHIATRY

Publications

Books

Jiloha, R.C. Contributed a chapter in the book on 'Psychiatry in India: Homeless Mentally Ill' edited by Chavan, B.S. and Jadhav, S.

Research Articles

Aggarwal, A., Jain, M., Khandelwal, A. and Jiloha, R.C. 2011. 'Amisulpride induced mania'. *Indian Journal of Pharmacology.* 42(2): 112-113.

Aggarwal, A., Garg, A. and Jiloha, R.C. 2011. 'Kleine-Levin Syndrome and Response to Modafinil in a young woman'. *Journal of Neuro-psychiatry Clin Neurosci* 23: E33-E34.

Aggarwal, A., Khandelwal, A., Jain, M. and Jiloha, R.C. 2011. 'Breast Enlargement associated with low dose of olanzapine'. Letter to Editor. *Indian Journal of Pharmacology.* 43(1): 87-88.

Gupta, R., Kishore, J., Bansal, Y., Daga, M.K., Jiloha, R.C., Singh, R. and Ingle, G.K. 2011. 'Relationship of Psychosocial Risk factors, certain personality traits and myocardial infarction in Indians: a case controlled study'. *Indian J. Community Medicine.* 36: 182-6.

Jiloha, R.C. 2011. Management of lapse and relapse in drug dependence. *Delhi Psychiatry Journal;* 14(2): 199-204.

2011. Recent Advances in Management of psycho-active substance abuse and dependence. *Delhi Psychiatry Journal.* 14(2): 345-360.

Aggarwal, A., Khandelwal, A., Jain, M. and Jiloha, R.C. 2011. 'Subacute sclerosing panencephalitis presenting as Mania'. *Annals of Indian Academy of Neurology.* 14(2): 120.

2011. 'Tardive Meige's Syndrome associated with olanzapine'. *Annals of Indian Academy of Neurology.* 14(2): 133.

Kishore, J. and Jiloha, R.C. 2011. 'Myths, beliefs and perception of mental disorders in patients in Delhi India'. *Indian Journal of Psychiatry.* 43(4).

BIOCHEMISTRY

Publications

Singh, B., Goswami, B., Gupta, V.K., Chawla, R. and Mallika, V. 2011. 'Application of sigma metrics for the assessment of quality assurance in clinical biochemistry laboratory in India: A pilot study'. *Ind. J. Clin. Biochem.* 26(2): 131-135.

Singh, B., Arora, S., Gupta, V.K. and Mallika, V. 2011. 'Burden of vitamin B12 deficiency in urban population in Delhi, India: A hospital based study'. *Int. J. Pharma. Bio. Sci.* 2(1): 521-28.

Mahto, M., Balakrishnan, P., Koner, B.C., Lali, P., Mishra, T.K. and Saxena, A. 2011. 'Rare Case of Biclonal Gammopathy'. *Int. J. case reports and images.* 2(2): 11-14.

Mahto, M., Mohapatra, S., Sumitra, G., Kaushik, S., Mishra, T.K. and Saxena, A. 2011. 'A case of light chain deposition disease (LCDD) in a young patient'. *Ind. J. Clin. Biochem.* 26(4): 420-422.

Agarwal, P., Arora, S. and Singh, B. 2011. Association of macrovascular complications of Type II diabetes mellitus with Serum Magnesium levels. *Diabetes and Metabolic Syndrome: Clin Res Rev*, 5(1): 41-44.

Singh, B., Arora, S., Agarwal, P. and Gupta, S.K. 2011. 'Hepcidin: A novel peptide hormone regulating iron metabolism'. *Clin Chim Acta.* 412: 823-830.

Thakur, G., Chawla, R. and Nair, R. 2012. 'Efficacy of Naturopathy and Yoga in treatment of Rheumatoid Arthritis'. *Int J. Phys Edu.* 5(1).x

2012. 'Levels of inflammatory markers (ESR, TNF - α) and DAS 28 in Rheumatoid Arthritis patients'. *Ind J. Path Res Practice.* 1; 31-37.

Books

Singh, S., Singh, B. and Prakash, O. 2011. (1st ed). 'Biochemistry for BSc Nursing Students'. S Vikas & Co., Jalandhar City.

PATHOLOGY

Publications

Rajalingam, R., Javed, A., Gondal, R., Arora, A., Nag, H.H. and Agarwal, A.K. 2012. 'Non-familial double malignancy of the colon and ampulla of vater: A case report and review of literature'. *Saudi J. Gastroenterol.* 18(2): 143-5.

Majumdar, K., Tyagi, I., Saran, R.K., Kumar, S. and Gondal, R. 2012. 'Multicentric extranodal rosai dorfman disease - a cytological diagnosis, with histological corroboration'. *Acta Cytol.* 56(2): 214-8.

- Bano, S., Puri, S.K., Upreti, L., Chaudhary, V., Sant, H.K. and Gondal, R. 2012.** 'Gastrointestinal stromal tumors (GISTs): an imaging perspective'. *Jpn J. Radiol.* 30(2): 105-15. Epub 2011 Dec 22.
- Kaur, G. and Gondal, R. 2011.** 'Oral leiomyoma'. *J. Oral Maxillofac Pathol.* 15(3): 361-2.
- Rastogi, A., Sakhuja, P., Kumar, A., Hissar, S., Jain, A., Gondal, R. and Sarin, S.K. 2011.** 'Steatosis in chronic hepatitis B: prevalence and correlation with biochemical, histologic, viral, and metabolic parameters'. *Indian J. Pathol Microbiol.* 54(3): 454-9.
- Rastogi, A., Kumar, A., Sakhuja, P., Bihari, C., Gondal, R., Hissar, S., Garg, H. and Sarin, S.K. 2011.** 'Liver histology as predictor of outcome in patients with acute-on-chronic liver failure (ACLF)'. *Virchows Arch.* 459(2): 121-7.
- Singh, D.K., Rastogi, A., Sakhuja, P. and Gondal, R. 2011.** 'Adenomyoma of common bile duct arising in a type I choledochal cyst'. *Indian J. Pathol Microbiol.* 54(2): 365-7.
- Bose, P.D., Das, B.C., Kumar, A., Gondal, R., Kumar, D. and Kar, P. 2011.** 'High viral load and deregulation of the progesterone receptor signaling pathway: association with hepatitis E-related poor pregnancy outcome'. *J. Hepatol.* 54(6): 1107-13.
- Majumdar, K., Saran, R.K., Sakhuja, P., Jagetia, A. and Sinha, S. 2012.** 'Intact protoscolices and hooklets in cytospin preparation of intra-operative cyst fluid allow rapid confirmation of rare cerebral intraventricular hydatid infestation'. *Cytopathology.* doi: 10.1111/j.1365-2303.2012.00973.x.
- Agarwal, A.K., Kalayarsan, R., Singh, S., Javed, A. and Sakhuja, P. 2012.** All cholecystectomy specimens must be sent for histopathology to detect inapparent gallbladder cancer. *HPB (Oxford).* 14(4): 269-73. doi: 10.1111/j.1477-2574.2012.00443.x. Epub 2012 Feb 26.
- Sharma, A., Minhas, H.S., Sakhuja, P. and Satsangi, D.K. 2012.** 'Left Atrial Primary B Cell Lymphoma Presenting with Mitral Regurgitation'. *J. Card Surg.* doi: 10.1111/j.1540-8191.2011.01416.x.
- Ghosh, M., Sakhuja, P. and Agarwal, A.K. 2011.** 'Xanthogranulomatous cholecystitis: a premalignant condition?' *Hepatobiliary Pancreat Dis Int.* 10(2): 179-84.
- Tyagi, P., Puri, A.S., Sharma, B.C., Sachdeva, S., Saran, R.K. and Bhatia, V. 2012.** 'Nodules in antrum after variceal eradication a new finding in patients with portal hypertension'. *Indian J. Gastroenterol.*
- Chaurasia, P.K., Singh, D., Meher, S., Saran, R.K. and Singh, H. 2011.** 'Epistaxis as first clinical presentation in a child with giant prolactinoma: Case report and review of literature'. *J. Pediatr Neurosci.* 6(2): 134-7.

Saluja, S.S., Kalayarasan, R., Mishra, P.K. and Saran, R.K. 2011. 'Duodenal MALToma with Gastric Outlet Obstruction. Case Report and Review of Literature'. *J. Gastrointest Cancer*.

Nayeem, M., Saluja, S.S., Sharma, A.K., Saran, R.K. and Mishra, P.K. 2011. 'Late omental gangrene following corrosive ingestion'. *Trop Gastroenterol*. 32(2): 147-50.

Mishra, K., Batra, V.V., Basu, S., Rath, B. and Saxena, R. 2012. 'Steroid-resistant nephrotic syndrome associated with steroid sulfatase deficiency-x-linked recessive ichthyosis: a case report and review of literature'. *Eur J. Pediatr*.

Saha, A., Bagri, N., Mehera, N., Dubey, N.K. and Batra, V. 2011. 'Membranoproliferative glomerulonephritis associated with autoimmune thyroiditis'. *J. Pediatr Endocr Met*; 24(9-10): 789-792. DOI 10.1515/JPEM.2011.372.

Saha, A., Theis, J.D., Vrana, J.A., Dubey, N.K., Batra, V.V. and Sethi, S. 2011. 'AA amyloidosis associated with hepatitis B'. *Nephrol Dial Transplant*. 26(7): 2407-12.

UNIVERSITY COLLEGE OF MEDICAL SCIENCES

ANAESTHESIOLOGY

Honours/Distinctions

Dr. A.K. Saxena: Elected as the 'Honorary Secretary' of – Indian society for the study of Pain.

'Appreciation Award' given by Dr. A.K. Walia, Honorable Minister of Health & Family Welfare, Delhi, in recognition of the distinguish services to GTB Hospital and UCMS, on the occasion of Doctor's Day.

Dr. Sharma Chhavi: Best free paper award at ISA Delhi.

Seminars/Conferences attended

Dr. A.K. Sethi: National conference and Workshop on "Difficult Airway Management" in "59th Annual National conference of Indian Society of Anaesthesiologists" held at Mumbai.

59th National Conference of ISA (ISACON-2011) held at Hotel Grand, Mumbai.

Publications

Sharma, C.S. 2011. 'High Dependency Care in Obstetrics'. *AOGD Bulletin*. Vol. 11.

2012. 'The Role of Anaesthetist in disaster Management'. *ISA News bulletin*, Vol. 10.

Ahuja, S. 2011. 'Preoperative evaluation in Paediatric patients'. *Journal of Apollo Medicine*. Vol. 8, No. 2, pp. 105-109.

- Singh, M. and Sharma, C.S. 2011.** 'Intravenous Dexamethasone Causes Perineal Pain and Pruritus'. *J Anesthe clinic Res*, S1-001, 2055-6148.
- Aggarwal, S., Kumar, M. and Sharma, V. 2011.** 'A single-centre randomized-controlled trial to study effect of dilution on propofol-induced injection pain at injection site'. *Saudi journal of anaesthesia*. 5: 282-5.
- Chaudhary, S. and Salhotra, R. 2011.** 'Subarachnoid block for caesarean section in severe preeclampsia'. *Review Article. JOACP* 2011(2); 27: 169-73.
- Jain, A.K., Kumar, S. and Tyagi, A. 2012.** 'Practice trends in use of morphine for control of intraoperative pain: An audit'. *J. Anaesthesiol Clin Pharmacol*. 28(1): 62-5.
- Kumar, M., Talwar, N., Goyal, R., Shukla, U. and Sethi, A.K. 2012.** 'Effect of magnesium sulfate with propofol induction of anesthesia on succinylcholine-induced fasciculations and myalgia'. *Journal of Anaesthesiology Clinical Pharmacology*. 28: 81-5.
- Manpreet, S. and Sharma, C.S. 2011.** 'Intravenous Dexamethasone Causes Perineal Pain and Pruritus'. *J. Anesthe clinic Res*; S1-001, 2055-6148.
- Mohta, M., Agarwal, D. and Sethi, A.K. 2011.** 'Does unilateral hip flexion increase the spinal anaesthetic level during combined spinal-epidural technique?' *Indian J. Anaesth*; 55: 247-252.
- Mohta, M., Ophrii, L.E., Agarwal, D., Bhatt, S., Sethi, A.K. and Chilkoti, G. 2011.** 'Vocal cord palsy: an unusual complication of paravertebral block'. *Anaesth Intensive Care*; 39: 969-971.
- Saxena, A.K., Dali, J.S. and Saxena, N. 2011.** 'The brain signature of grey matter alterations in chronic pain syndromes: limited or not limited to clinical pain cohorts'. *Indian J. Pain*; 25: 12-15.
- Saxena, A.K., Agrawal, N. and Lakshman, K. 2011.** 'Hydromorphone in relief of chronic cancer pain: Current concepts and future perspectives'. *Indian J. Pain*; 25: 145-147.
- Saxena, A.K., Lakshman, K., Dhakate, G. and Agrawal, N. 2012.** 'Emerging studies for the use of Botulinum toxin in various intractable chronic pain syndromes'. *Indian J. Pain*; 26: 12-16.
- Saxena, A.K., Lakshman, K., Dhakate, G. and Parmar, N. 2011.** 'Demystifying Sacroiliac joint syndrome: Unraveling the enigma'. *Indian J. Pain*; 25: 75-79.
- Saxena, A.K. and Lakshman, K. 2012.** 'Buprenorphine transdermal system: current concepts and future perspectives'. *Indian J. Pain*; 26: 54-56.
- Saxena, A.K. 2011.** Chronic neuropathic pain: current concepts of mechanisms and newer management modalities. CME book, ISACON, Mumbai. 177-189.

2011. 'Depression, irritability, Frustration and Kinesiophobia in chronic persistent pain-The dawn of a new era of understanding'. *Indian J. Pain*; 25: 1-3.
2011. 'Is the pain specialist letting the genie out of the bottle by managing intractable Post-herpetic neuralgia with interventional pain management techniques'? *Indian J. Pain*; 25: 67-69.
2011. Multimodal analgesia for maximizing post operative pain relief and improving long term patient outcome: current concepts and future perspectives. CME book, ISAJAC 2011: 1-5.
2012. Radiofrequency thermocoagulation lesioning in chronic pain and cancer pain. CME book ISSP, Bengaluru 2012.
2012. 'Splitting headache or splitting hairs: IASP global year against headache'. *Indian J Pain*, 25: 135-139.
2012. 'Unraveling the genetics of fibromyalgia: Quo Vadis'? *Indian J. Pain*; 26: 1-3.
- Shankar, N., Thakur, M., Tandon, P.O. and Saxena, A.K., et al. 2011.** 'Autonomic status and pain profile in patients of chronic low back pain and following electroacupuncture therapy: A randomized control trial'. *Indian J. Physiol Pharmacol*; 55: 25-36.
- Tyagi, A., Kakkar, A., Kumar, S., Sethi, A.K. and Salhotra, R. 2012.** ED50 of hyperbaric bupivacaine with fentanyl for cesarean delivery under combined spinal epidural in normotensive and preeclamptic patients. *Reg Anesth Pain Med*. 37(1): 40-4.
- Tyagi, A., Kumar, A., Girotra, G. and Sethi, A.K. 2011.** 'Combined spinal epidural and epidural volume extension: Interaction of patient position and hyperbaric bupivacaine'. *J Anaesthesiol Clin Pharmacol*. 27(4): 459-64.
- Tyagi, A., Kumar, R., Sethi, A.K. and Mohta, M. 2011.** 'A comparison of pressure-controlled and volume-controlled ventilation for laparoscopic cholecystectomy'. *Anaesthesia*. 66(6): 503-8.
- Tyagi, A., Kumar, S. and Salhotra, R. 2011.** 'Sequential combined spinal epidural block'. *Indian J. Anaesth*. 55(4): 430-1.
- Tyagi, A., Seelan, S., Sethi, A.K. and Mohta, M. 2011.** 'Role of thoracic epidural block in improving post-operative outcome for septic patients: a preliminary report'. *Eur J Anaesthesiol*. 28(4): 291-7.
- Tyagi, A. 2011.** 'Regional anesthesia in anticoagulated patients'. *J. Clin Anesth*. 23(7): 587; author reply 587-8.
- Kochhar, A., Saxena, A.K. and Lakshman, K. 2011.** 'Prevalance of 25 hydroxy Vitamin D3 deficiency among patients of chronic low back radicular pain attending the pain clinic'. *Indian J. Pain*; 25: 105-109.

- Kochher, A. and Sharma, C.S. 2011.** 'Anesthetic challenges in a patient with klippel Trenaunay syndrome: A Case report'. *Asian Archives of Anaesthesiology and Resuscitation*. Vol. 71, No. 2, (0-D).
- Agarwal, D., Jain, A.K. and Tyagi, A. 2011.** Economics of Volatile Anaesthetics in the Circle Breathing System and its relation to solubility in blood. In Proceedings of ISACON, Mumbai.
- Ahmad, Z., Wadhwa, R., Kumar, M. and Verma, U.C. 2011.** Traumatic Diaphragmatic Hernia mimicking Hydropneumothorax: A Case report. In Proceedings of ISACON, Mumbai.
- Arora, M., Kakkar, A., Chilkoti, G. and Mohta, M. 2011.** Phenytoin Induced Peri-operative Arrhythmia - A Rare Presentation. In Proceedings of ISACON, Mumbai.
- Chaudhary, S., Ahuja, S., Jain, N. and Jindal, M. 2011.** Unexpected cause of respiratory distress in an infant. In Proceedings of 50th ISA Annual Conference, Delhi Branch.
- Harisinghani, P., Sethi, A.K., Mohta, M. and Aggarwal, D. 2011.** Intractable post-spinal hypotension in a treated hypothyroid patient. In Proceedings of ISACON, Mumbai.
- Jain, R., Haq, Z.A., Kumar, M., Banerjee, A. and Verma, U.C. 2011.** Negative pressure pulmonary oedema following insertion of PLMA. In Proceedings of ISACON, Mumbai.
- Kakkar, A., Chilkoti, G., Mohta, M. and Sethi, A.K. 2011.** Laryngospasm - an unusual presentation following PLMA insertion: a case report. In Proceedings of ISACON, Mumbai.
- Kumar, P., Chaudhary, S. and Ahuja, S. 2011.** Significance of biochemical changes during transurethral resection of prostate and percutaneous nephrolithotomy surgery: An observational study. In Proceedings of ISACON, Mumbai.
- Lakshman, K., Saxena, A.K., Parmar, N., Banerjee, B.D. and Singal, A. 2011.** A randomised study for evaluating the efficacy of integrated multimodal approach using Pulsed Radiofrequency Lesioning of Intercostal nerve, Pregabalin and 5% Lidocaine patch in Post herpetic neuralgia. In Proceedings of ISACON, Mumbai.
- Mandhyan, R., Tiwari, A., Cherian, G. and Ahuja, S. 2011.** Knowledge attitude and practice regarding hospital waste disposal amongst health care workers in government and private teaching hospitals of Delhi. In Proceedings of ISACON, Mumbai.
- Murthy, P., Ahuja, S., Choudhary, S. and Madhu, S.V.** Comparison of Efficacy of Caudal Clonidine in Two Different Dosages with Ropivacaine on Analgesia and Neuroendocrine Stress Response in Children Undergoing Lower Abdominal and Urological Surgeries under General Anaesthesia. In Proceedings of ISACON 2011, Mumbai.

Uma, B., Kochhar, A., Sharma, C.S., Rautela, R.S. and Verma, U.C. 2011. Anaesthetic management for bronchoscopy and debulking of obstructing intratracheal tumor. In Proceedings of ISACON, Mumbai.

Wadhwa, R., Mandhyan, R., Kumar, M. and Verma, U.C. 2011. Comparison of ropivacaine with and without fentanyl for ultrasound guided ilioinguinal and iliohypogastric nerve block for inguinal hernia repair. In Proceedings of ISACON, Mumbai.

OPHTHALMOLOGY

Honours/Distinctions

Dr. V.P. Gupta: Savitri Sujatha Rao Award; Col. Rangachari medal.

Seminars/Conferences attended

Dr. V.P. Gupta: The international Conference 'World Ophthalmology Congress' at Abu Dhabi, UAE. Chaired two sessions on 'Oculoplasty, Orbit and Lacrimal', 16-19 Feb. 2012.

Dr. Pankaj Amite: 7th International Symposium on Current Concepts in Knee & Shoulder Arthroscopic Surgery & Arthroplasty (1, Isic, New Delhi).

Publications

Chanana, B. and Sharma, S. 2011. 'Imaging findings in bilateral macular chorioretinitis due to subacute sclerosing panencephalitis'. *J. Pediatr Ophthalmol Strabismus*. 48(4): 255.

Chanana, B. and Kumar, V. 2011. 'Imaging findings in tuberous sclerosis with multiple retinal astrocytic hamartomas'. *J. Pediatr Ophthalmol Strabismus*. 48(2): 127-8.

Dewan, P., Gomber, S., Chawla, H. and Rohatgi, J. 2011. 'Ocular changes in multi-transfused children with α -thalassaemia receiving desferrioxamine: A case-control study'. *South African Journal of Child Health*, Vol. 5, No. 1.

Goel, N., Kumar, V., Seth, A., Raina, U.K. and Ghosh, B. 2011. 'Role of intravitreal bevacizumab in adult onset Coats' disease'. *Int Ophthalmol*. 31: 183-90.

Gupta, V.P., Gupta, P. and Gupta, R. 2011. 'Causative Factors of Unsuccessful Dacryocystorhinostomy and the Surgical Technique of Revision External Dacryocystorhinostomy'. *Ophthalmologica*; 225(4): 236.

2011. 'Combined posterior flap and anterior suspended flap external dacryocystorhinostomy'. *Oman J. Ophthalmol*; 4: 40-1.

2011. 'Labial salivary gland transplantation for severe dry eye due to chemical burns and Stevens-Johnson syndrome'. *Ophthal Plast Reconstr Surg*. 27(4): 307-8.

2011. 'Prognosis of Upper Eyelid Epiblepharon Repair in Down Syndrome'. *Am J. Ophthalmol*; 151(6): 1104.

- Kumar, K., Gupta, V.P. and Dhaliwal, U. 2012.** 'Causes of sub-optimal cataract surgical outcomes in patients presenting to a teaching hospital'. *Nepal J. Ophthalmol*; 4(7): 73-79.
- Kumar, R. and Dhaliwal, U. 2011.** Career choices of undergraduate medical students. *Natl. Med. J. India.* 24(3): 166-9.
- Kumar, V. and Chanana, B. 2012.** 'Scleral buckling in rhegmatogenous retinal detachment with concomitant fullthickness macular hole'. *Acta ophthalmologica*; 90(1): e73-4.
- Kumar, V., Kumar, K., Chanana, B., Rohatgi, J. and Gupta, V.P. 2011.** 'Congenital ectropion uveae with iris coloboma and telecanthus'. *Cont Lens Anterior Eye*; 34(3): 147-8.
- Chanana, B. and Kumar, V. 2011.** 'Vitrectomy in Diabetic retinopathy'. *Delhi Ophthalmological Society Times* (National issue). 17(6): 87-91.
2011. 'Exogenous Endophthalmitis'. *Delhi Ophthalmological Society Times*; 17(4): 59-63.
2011. 'Eales' disease'. *Delhi Ophthalmological Society Times*; 17(3): 23-26.
- Gupta, V.P. and Anwar, W. 2011.** Randomized Controlled Comparison of Evisceration Plus Scleral Quadrisection with Hydroxyapatite Implantation Versus Standard Evisceration with Hydroxyapatite Implantation. AIOC Proceed., Ahmedabad: 857-859.
- Gupta, V.P. and Gupta, R. 2011.** A New Technique of Tarsal Fracture Cum Tarsectomy with Intact Conjunctiva for Correction of Trachomatous Cicatricial Entropion of Upper Lid. AIOC Proceed, Ahmedabad: 872-875.

ORTHOPAEDICS

Honours/Distinctions

- Dr. A.N. Aggarwal:** Availed British Commonwealth fellowship in Shoulder Surgery.
- Dr. A.K. Jain:** Awarded FRCS Royal College of Surgeon's of England; ASSI Publication Award.
- Dr. Amite Pankaj:** Recipient of Indo-British Travelling Fellowship Award of IOS UK.
Recipient of Indian Orthopedic Association-Australian Orthopedic Association Fellowship Award.
- Dr. R.U. Haq:** IOS UK MP State Chapter travelling Fellowship; Best poster award for 'Management of Late Presenting Displaced ICNF by Osteosynthesis and anterior muscle pedicle bone grafting' at the Annual Conference of IOS UK at Birmingham, UK.

Publications

- Chadha, M. 2012.** Chapter titled 'Expansive Midline T-saw Double-Door Cervical Laminoplasty' in the book titled '*Mastering Orthopedic Techniques: Spine Surgery*' by Jaypee Brothers medical Publishers (P) Ltd. (eds) Dr. Bhavuk Garg and Dr. Rajesh Malhotra.

- Jain, A.K.** Chapter on Tuberculosis of spine with neurological deficit in *ASSI Text book of spinal trauma and infection*.
- Bhandari, M. and Jain, A.K. 2011.** 'Evidence-based orthopedics: One step closer!'. *Indian J. Orthop.* 45(1): 3.
- Dhammi, I., Jain, A.K., Singh, A., Rehan-Ul-Haq, Mishra, P. and Jain, S. 2011.** 'Primary nonunion of intertrochanteric fractures of femur: An analysis of results of valgization and bone grafting'. *Indian J. Orthop.* 45(6): 514-9.
- Gulati, D., Aggarwal, A.N., Kumar, S. and Chaturvedi, S. 2011.** 'Primary Ewing's sarcoma of the second cervical vertebra: a rare entity'. *J. Pediatr Orthop B.* 20(6):408-12.
- Haq, R.U. and Jain, A.K. 2011.** 'A new classification scheme for open fractures. (Letter to Editor)'. *J. Orthop. Trauma.* 25(6): e59.
- Haq, R.U., Park, K.S. and Yoon, T.R. 2011.** Squeaking following Ceramic-On-Ceramic THA. *Journal of Arthroplasty*. [Epub ahead of print].
- Hu, Q.S., Ul-Haq, R., Park, K.S., Yoon, T.R. and Lee, K.B. 2011.** 'Dome osteotomy of the pelvis using a modified trochanteric osteotomy for acetabular dysplasia'. *Int Orthop*. [Epub ahead of print].
- Jain, A.K., Dhammi, I.K., Modi, P., Kumar, J., Sreenivasan, R. and Saini, N.S. 2012.** 'Tuberculosis spine: Therapeutically refractory disease'. *Indian J. Orthop.* 46(2): 171-8.
- Jain, A.K. and Jain, S. 2012.** 'Instrumented stabilization in spinal tuberculosis'. *Int Orthop.* 36(2): 285-92.
- Jain, A.K. and Rajasekaran, S. 2012.** 'Tuberculosis of the spine'. *Indian J. Orthop.* 46(2): 127-9.
- Jain, A.K., Sreenivasan, R., Saini, N.S., Kumar, S., Jain, S. and Dhammi, I.K. 2012.** 'Magnetic Resonance evaluation of tubercular lesion in spine'. *Int Orthop.* 36(2):261-9.
- 2011.** 'Impact factor: Measure of quality of research publication'. *Indian J. Orthop.* 45(4): 289-90.
- 2012.** 'Indian Journal of Orthopaedics dedicated to education, care and research'. *Indian J. Orthop.* 46(1): 1-3.
- Kamara, E., Mehta, S., Brust, J.C.M. and Jain, A.K. 2012.** Effect of delayed diagnosis on severity of Pott's disease. *International Orthopaedics. Int Orthop.* 36(2): 245-54.
- Kumar, S., Sharma, R., Gulati, D., Dhammi, I.K. and Aggarwal, A.N. 2011.** 'Normal range of motion of hip and ankle in Indian population'. *Acta Orthop Traumatol Turc.* 45(6): 421-4.

- Pankaj, A., Sharma, M., Kochar, V. and Naik, A.V. 2011.** 'Neglected, locked, obturator type of inferior hip dislocation treated by total hip arthroplasty'. *Arch Orthop Trauma Surg.* Volume 131, Number 4, 443-446.
- Pankaj, A. 2011.** Treatment for acute anterior cruciate ligament tears. *N Med J Ind Vol* 24 (2), 90-91.
- Singh, A.P., Dhammi, I.K., Jain, A.K. and Bhatt, S. 2011.** Extraskeletal juxtaarticular chondroma of the knee. *Acta Orthop Traumatol Turc.* 45(2): 130-34.
- Singh, A.P., Dhammi, I.K., Jain, A.K., Raman, R. and Modi, P. 2011.** Monteggia fracture dislocation equivalents -analysis of eighteen cases treated by open reduction and internal fixation. *Chin J Traumatol.*14(4): 221-6.
- Singh, A.P., Dhammi, I.K. and Jain, A.K. 2011.** Neglected reverse Essex-Lopresti injury with ulnar nerve compression. *Chin J Traumatol.* 14(2):111-3.
- Singh, A.P., Dhammi, I.K., Vaishya, R., Jain, A.K., Singh, A.P. and Modi, P. 2011.** 'Nonunion of coronal shear fracture of femoral condyle'. *Chin J. Traumatol.* (1); 14(3): 143-6.
- Tsirikos, A.I. and Jain, A.K. 2011.** Scheuermann's kyphosis; current controversies. *J. Bone Joint Surg Br.* 93-B: 857-864.
- Tuli, S.M., Kapoor, V., Jain, A.K. and Jain, S. 2011.** Spinoplasty following lumbar laminectomy for multilevel lumbar spinal stenosis to prevent iatrogenic instability. *Indian J Orthop.* 45(5):396-403.

PSYCHIATRY

Honours/Distinctions

Dr. Anurag: Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society; Dr. Amit Bohra Memorial Award of Indian Association of Private Psychiatry; Best Poster Award of Delhi Psychiatric Society.

Dr. M.S. Bhatia: Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society; Dr. Amit Bohra Memorial Award of Indian Association of Private Psychiatry; Best Poster Award of Delhi Psychiatric Society.

Dr. Jhanjee: Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society; Dr. Amit Bohra Memorial Award of Indian Association of Private Psychiatry; Best Poster Award of Delhi Psychiatric Society.

Dr. Pankaj Kumar: Dr. Amit Bohra Memorial Award of Indian Association of Private Psychiatry.

Dr. A. Rathi: Best Poster Award of Delhi Psychiatric Society.

Dr. Anubhav Rathi: Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society.

Dr. P. Sitholey: Best Poster Award of Delhi Psychiatric Society.

Dr. K. Siva: Best Poster Award of Delhi Psychiatric Society.

Dr. Shruti Srivastava: Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society;
Dr. Amit Bohra Memorial Award of Indian Association of Private Psychiatry.

Publications

2012. *Textbook of Child Psychiatry.* (ed) M.S. Bhatia. New Delhi: CBS Publishers & Distributors Pvt. Ltd., 2012.

2012. *Essentials of Psychiatry.* (ed) M.S. Bhatia, 6th edition. New Delhi: BS Publishers & Distributors Pvt. Ltd..

2012. *Problems of Behaviour in Children, & Adolescents: A Practical Guide for Healthy upbringing,* 3e (PB). (ed) M.S. Bhatia. New Delhi: CBS Publishers & Distributors Pvt. Ltd..

2012. *Short Textbook of Psychiatry.* (ed) M.S. Bhatia, 6th ed. New Delhi: CBS Publishers & Distributors Pvt. Ltd..

2012. *DNB Entrance Examination.* (ed) M.S. Bhatia, 12th ed. New Delhi: CBS Publishers & Distributors Pvt. Ltd..

2012. *Entrance Examination in Transfusion Medicine.* (eds) M.S. Bhatia & N. Kaur. New Delhi: CBS Publishers & Distributors Pvt. Ltd..

2012. *Psychiatric Review.* (ed) M.S. Bhatia. New Delhi: New Age International Publishers & Distributors Pvt. Ltd..

2012. *Special Child.* (ed) M.S. Bhatia. New Delhi: National Book Trust.

Bhatia, M.S., Srivastava, S. and Gupta, R. 2011. Attention Deficit Hyperactivity Disorder in: *Essentials of Pediatric Neurology,* Delhi: Paras Publication.

2011. Autism in: *Essentials of Pediatric Neurology,* Delhi: Paras Publication.

Bhatia, M.S. and Srivastava, S. 2012. Child Psychiatry in: *Textbook of Pediatrics.* Delhi: CBS Publishers and Distributors Pvt. Ltd..

Rajender, G., Bhatia, M.S., Malhotra, S., Singh, T.B. and Choudhary, D. 2011. Study of neurocognitive endophytes in drug-naïve OCD patients, their first degree relatives and healthy controls. *Acta Psychiatrica Scandinavica;* 124: 152-161.

Bhatia, M.S. 2011. 'Delusional parasitosis: a clinical profile'. *Asian Journal of Psychiatry;* 4S1:S74-253.

Srivastava S, Bhatia MS, Thawani, R. and Jhanjee, A. 2011. Quality of life in patients with Obsessive Compulsive Disorder: a longitudinal study from India. *Asian Journal of Psychiatry;* 4:178-182.

- Gupta, R, Tanzeel, A., Banerjee, B. and Bhatia, M.S.** Correlation of symptoms of headache with interictal plasma CGRP concentration in migraineurs. *International Journal of Neurology and Neurosurgery*; 3: 61-64.
- Rajender, G., Malhotra, S., Bhatia, M.S., Singh, T.B. and Kanwal, K. 2011.** Efficacy of cognitive training techniques in children with attention deficit hyperactivity disorder. *German Journal of Psychiatry*; 14:1-6.
- Bhatia, M.S. and Jhanjee, A. 2011.** Antenatal depression and psychopathology (e-letter). *British Journal Psychiatry*; 199: 106-112.doi:10.1192.
2011. Clozapine and enuresis (e-letter). *British Journal Psychiatry*; 199: 518-519.
2011. Prescription errors- a cross-sectional study. *Asian Journal of Psychiatry*; 4S1: S74-253.
2011. A study of phenomenology and psychiatric comorbidity among children suffering from bipolar affective disorder. *Asian Journal of Psychiatry*; 4S1: S89-692.
2011. Postnatal depression in women after unsuccessful abortion (e-letter). *British Journal Psychiatry*; 198: 309-316.doi:10.1192.
2011. Enuresis and second generation antipsychotics (e-letter). *British Journal Psychiatry*; 199:140-144.doi:10.1192.
2011. 'A typical case of delusional parasitosis in eyelids'. *Journal of Pakistan Psychiatric Society*; 8: 97.
- Jhanjee, A., Bhatia, M.S. and Srivastava, S. 2011.** Mania in dengue fever. *Industrial Psychiatry Journal*; 20: 40-41.
- Bhatia, M.S., Jhanjee, A. and Srivastava, S. 2011.** Delusional parasitosis in a factory worker. *Industrial Psychiatry Journal*; 20: 48-49.
- Malhotra, S., Rajender, G., Singh, T.B. and Bhatia, M.S. 2011.** Psychotherapeutic management of factitious disorder. *Indian Journal of Clinical Psychology*; 38: 169-174.
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- Bhatia, M.S. 2011.** Physiopsychiatry – an underutilized speciality, *Delhi Psychiatry Journal*; 14: 3-4.
2011. Psychosexual medicine – an orphan speciality. *Delhi Psychiatry Journal*; 14: 197-198.
- Tomar, B., Bhatia, N.K., Kumar, P., Bhatia, M.S. and Shah, R.J. 2011.** The Psychiatric and dental interrelationship, *Delhi Psychiatry Journal*; 14: 138-142.

- Bhatia, M.S., Jhanjee A, Kumar, P. and Srivastava, S. 2011.** Pattern of psychosexual disorders among males in a tertiary care hospital. *Asian Journal of Psychiatry*; 4S1:S84-355.
- 2011.** A preliminary survey of domestic violence against women visiting a tertiary care outpatient department, *Delhi Psychiatry Journal*; 14: 149-152.
- 2011.** Paliperidone induced exanthematous rash, *Delhi Psychiatry Journal*; 14:158-159.
- 2011.** Depoxetine – A novel drug for premature ejaculation, *Delhi Psychiatry Journal*; 14,168-172. Medication errors in clinical practice, *Delhi Psychiatry Journal*; 14: 205-210.
- 2011.** A descriptive study of Referral Pattern in department of psychiatry of a tertiary care hospital of north India, *Delhi Psychiatry Journal*;14: 92-94.
- Jhanjee, A., Kumar, P. and Bhatia, M.S. 2011.** Aripiprazole- An effective treatment option in tourette's disorder, *Delhi Psychiatry Journal*; 14: 166-167.
- 2011.** Ramelteon, *Delhi Psychiatry Journal*; 14:173-176.
- Kumar, P., Jhanjee, A., Bhatia, M.S. and Verma, D. 2011.** Huperzine Delhi Psychiatry Journal; 14:177-179.
- Rathi, A., Sitholey, P., Agarwal, V., Yaduvanshi, R. and Bhatia, M.S. 2011.** A comparative study of social adaptive, relational and global functioning of adolescents with OCD and ADHD, *Delhi Psychiatry Journal*; 14: 246-252.
- Kumar, V., Dalal, P., Trivedi, K. and Kumar, P. 2011.** Comparison of socio-demographic variable in alcohol and Opioid dependence, *Delhi Psychiatry Journal*; 14:262-265.
- Bhatia, M.S., Jhanjee, A. and Srivastava, S. 2011.** Pattern of Psychosexual disorders among males attending psychiatry OPD of a tertiary care hospital, *Delhi Psychiatry Journal*; 14: 266-269.
- Safara, M., Bhatia, M.S. and Dezkham, M. 2011.** Test norms of happiness of students of Tehran Universities, *Delhi Psychiatry Journal*; 14: 293-301.
- Safara, M. and Bhatia, M.S. 2011.** Impact of spiritual therapy on depression between Iranian students residing in Iran and India, *Delhi Psychiatry Journal*; 14: 323-330.
- Kumar, V., Gupta, M., Verma, P., Rastogi, R. and Kumar, P. 2011.** Mental disability: A retrospective study of socio-demographic variables, *Delhi Psychiatry Journal*; 14: 343-344.
- Kaur, J., Gupta, B. and Bhatia, M.S. 2011.** The Potential role of infections in attention deficit hyperactivity disorder, *Delhi Psychiatry Journal*; 14: 361-367.

2011. Role of exercise in metabolic syndrome, *Delhi Psychiatry Journal*; 14: 368-371.

Jhanjee, A. and Bhatia, M.S. 2011. Asenapine-a novel antipsychotic drug, *Delhi Psychiatric Journal*; 14: 372-377.

2011. Role of postcards in reducing suicidal behaviour. *British Journal of Psychiatry*. 199(4):342.

Gupta R. and Bhatia, M.S. 2011. Comparison of clinical characteristics of migraine and tension type headache. *Indian Journal of Psychiatry*. 53(2): 134-9.

RADIOLOGY

Publications

Rathi, V. and Agarwal, M. 2011. Ultrasonography: Special situation. *Advances in Obstetrics and Gynecology*. (eds) Mehta, S., Rajaram, S. and Goel, N., New Delhi: Jaypee Bros. Med Publishers (P) Ltd., Vol. (3): 1470-157.

Bhargava, S.K., Tandon, A., Prakash, M., Arora, S.S., Bhatt, S. and Bhargava, S. 2012. 'Radiography and Sonography of clubfoot-a comparative study', *Indian Journal of Orthopedics*; 46: 229-35.

Tandon, A., Wadhwa, N., Jain, B., Tandon, R. and Bhatt, S. 2012. 'Intraductal papilloma of extraglandular segment of Stensen's duct: a sonography diagnosis and pathological correlation, *Journal of Diagnostic Medical Sonography*, 28 (1): 39-42.

Tandon, A., Tandon, R., Abrari, A., Chandasker, M., Das, P., Bansal, B. and Bhatia, N. 2011. "Cervical ectopic thymic cyst: a rare preoperative diagnosis" *BMJ Case Reports*; bcr. 05.2011.4250(1).

Tandon, A., Jain, B., Tandon, R., Grover, C., Pandhi, D. and Bhatt, S. 2011. 'Infantile Hemangioendo-thelioma of Parotid: A sonographic diagnosis'. *Journal of Diagnostic Medical Sonography*; 27: 131-134.

Tandon, A., Agarwal, R., Tandon, R., Prakash, M. 2011. "Multiple Intracystic Floating Balls: *BMJ Case Reports*; DOI: 10.1136/bcr.03.2011.3962.

SURGERY

Publications

Agarwal, N., Kaur, N., Miglani, R., Saini, P., Nebhnani, D. and Gupta, A. 2011. 'Thoraco-abdominal neuroenteric cyst: A case report and review of the literature'. *SAJCH*; 5: 21-3.

- Agrawal, V., Joshi, M.K. and Gomber, S. 2011.** 'Unusual presentation of fetus-in-fetu mimicking malignant teratoma'. *Trop Gastroenterol.* 32: 141-3.
- Agrawal, V. and Joshi, M.K. 2011.** Liver Trauma. In: Proceedings of XXVIII National CME Programme in Surgery at Maulana Azad Medical College, New Delhi. (eds) Sarda, A.K. and Singh, R.; pp. 120-26.
- Dubey, I.B., Agrawal, V. and Jain, B.K. 2011.** 'Five Patients of Emphysematous Pyelonephritis'. *Iran J. Kidney Dis;* 5: 204-6.
- Dubey, I.B., Singh, A.K., Prasad, D. and Jain, B.K. 2011.** 'Nephrobronchial fistula complicating neglected nephrolithiasis and xanthogranulomatous pyelonephritis'. *Saudi J. Kidney Dis Transpl.* 22: 549-51.
- Garg, P.K., Jain, B.K., Rathi, V., Mohanty, D. and Vaibhaw, K. 2011.** 'Giant appendicolith'. *Indian J. Gastroenterol.* 30: 243.
- Garg, P.K., Jain, B.K., Rathi, V., Singh, N. and Mohanty, D. 2011.** 'Mid-arm and epitrochlear lymphadenopathy: a clinico-radiological surprise'. *J. Infect Dev Ctries.* 5: 820-4.
- Garg, P.K., Jaswal, V. and Jain, B.K. 2011.** 'Retroperitoneal benign mature teratoma'. *Acta Med Indones.* 43: 206-7.
- Garg, P.K. and Kumar, A. 2012.** 'Clinical examination: losing the shine'. *Singapore Med J.* 53: 149.
2011. 'Unusual cause of rectal bleeding. Klippel-Trenaunay syndrome (KTS)'. *Saudi J. Gastroenterol.* 17: 421-2.
- Garg, P.K., Prasad, D., Agrawal, V., Bhatt, S., Mohanty, D. and Dubey, I. 2011.** 'Abdominoscrotal hydrocele: an insight into its origin'. *Hernia.* 15: 587-9.
- Garg, P.K. 2012.** 'Death of a clinical sign'. *Ann Saudi Med.* 32: 97.
- Jain, B.K. and Garg, P.K. 2011.** Recent advances in the management of hemorrhoids and perianal fistulae. In: Proceedings of XXVIII National CME Programme in Surgery at Maulana Azad Medical College, New Delhi. (eds) Sarda, A.K. and Singh, R.; pp. 44-49.
- Jain, B.K., Prasad, D., Mohanty, D., Garg, P.K., Diwaker, P. and Agarwal, V. 2012.** 'Gallbladder perforation: a great masquerader'. *Am Surg.*; 78: 30-2.
- Joshi, M.K., Jain, B.K., Rathi, V., Agrawal, V. and Mohanty, D. 2011.** 'Complete enteral migration of retained surgical sponge - report of two cases'. *Case Report Trop Gastroenterol;* 32: 229-32.
- Kaur, N., Gupta, A. and Saini, P. 2011.** 'A needs assessment study of undergraduate surgical education'. *Natl Med J. India;* 24: 292-3.

Kaur, N. 2011. 'Benign Hypertrophy of prostrate Gland (BHP)'. *Current Med J. Ind.* 12: 27-35.

Kumar, S., Gupta, A., Chaudhary, S. and Agrawal, N. 2011. 'Validation of the use of POSSUM score in enteric perforation peritonitis - results of a prospective study'. *Pan Afr Med J.*; 9: 22.

Saini, P. 2011. 'Appendicitis'. *Current Med J. Ind.*; 17: 50-57.

Singh, I. and Joshi, M.K. 2011. Epididymo-orchitis. In: Sarda, A.K., editor. Surgery Update Proceedings of the XXVIII National CME programme in Surgery; pp. 213-7.

V.P. CHEST INSTITUTE

Major Activities

Postgraduate medical education is one of the thrust areas of the Institute. Students are trained for DM, MD and DTCD degree courses in Pulmonary Medicine; MD in Biochemistry, Physiology, Microbiology and Pharmacology and for Ph.D. degree in Chest Medicine and allied sciences. The research contributions from the Institute are widely acclaimed. Reputed Scientists from USA, the Netherland, Canada, Bangladesh, visited the Institute, delivered lectures and interacted with the faculty as a part of academic activity.

New Courses introduced

D.M. Pulmonary Medicine Course

Library Development

Total Budget	:	₹ 1,11,22,010/-
Books added	:	17
Journals subscribed	:	99

Honours/Distinctions

Prof. S.N. Gaur: Prof. S.N. Gaur: Oration Award instituted by the National College of Chest Physicians (India) – Rajasthan chapter from 2012.

Awarded the J.J. Rao Oration Award entitled “Respiratory problems in elderly” of The Geriatric Society of India, at the 8th International Conference on Geriatric Care, held at Govt. Medical College and Guru Nanak Dev Hospital, Amritsar, 5-6 November 2011.

Awarded the IFICON 2012 Oration Award entitled “Role of viruses in respiratory diseases” of the Influenza Foundation of India, King Institute of Preventive Medicine and Research, Chennai, 12 February 2012.

Editor-in-Chief and Publisher, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of the V.P. Chest Institute and the National College of Chest Physicians (India).

Editor, Indian Journal of Allergy, Asthma and Immunology, an official publication of the Indian College of Allergy, Asthma and Applied Immunology.

Chairman, Ethical Committee, New Delhi Tuberculosis Centre, New Delhi.

Prof. Mridula Bose: Patent: Obtained a national patent for ant-TB compound No. 983/DEL/2011.

Prof. Ashok Shah: Editor, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of the V.P. Chest Institute and the National College of Chest Physicians (India).

Associate Editor, *Indian Journal of Tuberculosis*, an official publication of the Tuberculosis Association of India.

Section Editor (Infectious Diseases), *Lung India*, an official publication of the Indian Chest Society.

Prof. S.K. Bansal: Secretary, Association of Clinical Biochemists of India (Delhi Chapter).

Secretary, Delhi Chapter - Association of Clinical Biochemists of India.

Prof. Raj Kumar: Joint Secretary, Indian College of Allergy, Asthma and Applied Immunology, Delhi.

Treasurer, South Asia Association of Asthma, Allergy & Clinical Immunology (SAAAACI).

Secretary, Society for Tobacco Control; Friend of AAAIL, award by American Association of Allergy and Immunology of Indian Origin during AAAIL meeting, Boston, Massachusetts.

Dr. Madhu Khanna: Editor, *Indian Journal of Virology*; **Editor**, *Journal of Virology Research*; **Editor**, *International Journal of Immunology Research*; Secretary General, Biotechnology Society of India; Joint Secretary, International Association of Medical and Pharmaceutical Virologists.

Dr. Anuradha Chowdhary: Deputy Editor, *Mycoses*, published on behalf of Deutschsprachige Mykologische Gesellschaft, European Confederation of Medical Mycology.

Awarded a Fellowship by Canisius Wilhelmina Hospital, Radboud University Nijmegen Medical Centre, The Netherlands to work on "Molecular epidemiology of cryptococcosis at Department of Medical Microbiology and Infectious Diseases", Canisius Wilhelmina Hospital, Nijmegen, The Netherlands, March-May, 2011.

Dr. Anita Kotwani: Visiting Scholar for learning Antimicrobial Stewardship Program in the Department of Clinical Pharmacy, The University of California, San Francisco (UCSF), San Francisco, California, USA.

Dr. Kavita Gulati: Treasurer, Society of Nitric Oxide and Allied Radicles (SNOAR).

Dr. Vishwajeet Rohil: Awarded Scroll of Honour by University College of Medical Sciences (UCMS) & G.T.B. Hospital, for 'Outstanding meritorious services of highest standards for the cause of medical profession and incomparable contributions to humanity.

Dr. Ritu Kulshrestha: Received Fellowship to attend the Postgraduate Course on Lung, Mediastinal and Pleural diseases. Department of Pathology, Medical University of Graz, Graz, Austria.

Received Best Paper Award for the paper titled, 'Correlation of microvascular changes of pulmonary arterial hypertension with FGF-2 expression in transbronchial lung biopsies'. Presented at the 4th Annual Conference of the Pulmonary Vascular Research Institute', South East Asia Region, Trivananthapuram, 1-2 October 2011.

Seminars/Conferences attended

Prof. S.N. Gaur: 8th International Conference on Geriatric Care, Amritsar, 5-6 Nov. 2011.

International Symposium on Airway Diseases: Etiology to Clinic, Gurgaon, Haryana, 25 February 2012.

Prof. A. Ray: International Conference on Emerging Trends in Free Radicals, Antioxidants and Nutraceuticals on Health, Disease and Radiation Biology, Kolkata, 12-14 January 2012.

12th International Congress of Ethnopharmacology, Kolkata, 17-19 February 2012.

Prof. Ashok Shah: 66th National Conference on Tuberculosis and Chest Diseases (NATCON 2011) Dehradun, 18-20 November 2011.

International Symposium on Airway Diseases: Etiology to Clinic, Gurgaon, 24-25 February, 2012.

Prof. S.K. Chhabra: International Symposium on Airway Diseases: Etiology to Clinic, Gurgaon, 24-25 February 2012.

Dr. Anuradha Chowdhary: XXXV National Conference of Indian Association of Medical Microbiologists (MICROCON 2011), Banaras Hindu University, Varanasi, 23-26 Nov. 2011.

5th Advances against Aspergillosis, Istanbul, Turkey, 26-28 January 2012.

Dr. Anuradha Chowdhary and Prof. Ashok Shah: 9th National Conference of the Society of Indian Human & Animal Mycologists (SIHAM 2012), Siliguri, Darjeeling, 9-12 February 2012.

Dr. Madhu Khanna: The 4th ESWI influenza Conference, Malta, 11-14 September 2011.

Dr. Anita Kotwani: The 3rd International Conference for Improving Use of Medicines (ICIUM) Antalya, Turkey, 14-18 November 2011.

Dr. Kavita Gulati: National Conference on Pulmonary Diseases (NAPCON-2011), New Delhi, 27-30 November 2011.

International Conference on Emerging Trends in Free Radicals, Antioxidants and Nutraceuticals on Health, Disease and Radiation Biology, Kolkata, 12-14 January 2012.

Prof. Ashok Shah, Prof. S.N. Gaur, Prof. S.K. Bansal, Prof. K. Ravi, Prof. Raj Kumar, Dr. Balakrishnan Menon, Dr. Mandira Varma-Basil, Dr. Anuradha Chowdhary, Dr. Vishwajeet Rohil, Dr. Vishal Bansal, Dr. Mujeeb-ur-Rahman, Prof. S.K. Chhabra, and Dr. Ritu Kulshrestha, Dr Vishwajeet Rohil and Dr. Vishal Bansal: Attended National Conference on Pulmonary Diseases (NAPCON-2011), New Delhi, 27-30 November 2011.

Dr Ritu Kulshrestha: International Conference on Angiogenesis: Basics and Applications, Chennai, 1-3 March 2012.

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LADY HARDINGE MEDICAL COLLEGE

Honours/Distinctions

Dr. S.S. Trivedi: Awarded the Best Paper Prize and Gold Medal in 12th Annual International Congress of Trivandrum OBGYN Club, 12-14 August 2011 Trivandrum.

Dr. Ratna Biswas: Won the 'Dr Sunita Mittal's Gold Medal on Population Stabilization in the 33rd Annual Conference of Association of Obstetricians & Gynaecologists of Delhi, 24-25 September 2011.

Dr. Pinkee Saxena: Awarded best paper presentation in F1 Category in the 7th National Conference of Indian Fertility Society on 17-18 December 2011 at India Habitat Centre, New Delhi.

Publications

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- 2011.** 'Immediate versus as-needed acetaminophen for post-immunisation pyrexia'. *Ann Trop Paediatr*; 31(4): 339-44.
- Dhingra, B. 2011.** 'MCI proposes exit examination and national eligibility tests for medical graduates, bars DNB graduates from teaching'. *Natl. Med. J. India*; 24(4): 254.
- Dhingra, B. and Dutta, A.K. 2011.** 'National rural health mission'. *Indian J. Pediatr*; 78(12): 1520-6. Epub.
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- Kaur, S., Maheshwari, A., Aneja, S., Seth, A., Beri, S., Agarwal, S. and Garg, T. 2011.** 'Henoch-Schönlein purpura with uveitis: an unusual case and review of literature'. *Rheumatol Int.*
- Maheshwari, A., Nirupam, N., Aneja, S., Meena, R., Chandra, J. and Kumar, P. 2011.** 'Association of Celiac Disease with Aplastic Anemia'. *Indian J. Pediatr.*
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- Mehra, P., Grover, H.S. 2011.** 'Oral Environment and its influence on general health'. Dental News, Official Publication of IDA West Delhi.

FACULTY OF TECHNOLOGY

MECHANICAL ENGINEERING

Ph.D. Degrees awarded

Ph.D. - 2

Publications

Kamal, V. and Mishra, R.S. 2011. 'Thermal performance of thermal energy storage Trombe walls for porous structures' *International Journal of Applied Engineering Research*, ISSN 0972-4562, Vol-6 No-16, pp-1925-1936.

Madan, A.K and Mishra, R.S. 2011. 'Ranking of Engineering colleges based on statistical method & survey analysis to assess the quality in Technical Education' *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 6, No. 2, 2011, pp. 213-221.

Madan, A.K and Mishra, R.S. 2012. 'Quality Management of Technical Education' *Global Journal of Finance and Management* ISSN 0972-6477, Vol-4, No-1, pp.1-11.

Singh, P. Ranganath, P.S. and Mishra, R.S. 2012. 'Improving total quality management on technical staff in the technical institutions using SPC techniques' *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 7, No. 4, 2012. pp. 433-447.

Mishra, R.S 2012. 'Thermal modelling of low cost natural convection non reversible single pass pressurized and non pressurized solar hot water systems for domestic applications' *Rasayan* Vol-5, No-1, pp1-11.

Books

Mishra, R.S. 2011. '*Pitradosh Karan and Nivaran*' Delhi: Rajshri Prakashan, July 2011.
'*Shukra Neeti*', Delhi: Rajshri Prakashan, February 2012.

ELECTRONICS AND COMMUNICATION ENGINEERING

Ph.D. Degrees awarded

Ph.D. - 3

Honours/Distinctions

Prof. Raj Senani: Chosen (in January 2012) as the Second Laureate of the 25th Khwarizmi International Award, for his Excellence and Dedication in producing Fundamental Research on the 'Synthesis and Design of Analog Filters, Oscillators and Simulated Impedances using Modern Electronic Circuit Building Blocks' by Iranian Research Organization for Science and Technology (IROST). The award was given to him by the President of Iran Dr. Mehmoud Ahmadianajad, on 5th February, 2012 at Tehran.

Seminars/Conferences attended

Satish Chandra Tiwari, Kunwar Singh and Maneesha Gupta: 'Design and development of circuit optimizer using TCl and Spectremdl (SPICE) interface' World Congress on Information and Communication Technologies (WICT 2011), Mumbai, pp. 1385-1389, 12-14 December 2011.

'Logical effort based automated transistor width optimization methodology' World Congress on Information and Communication Technologies (WICT 2011) held at Mumbai, pp. 1067-1072, 12-14 December 2011.

'A Novel Methodology for Flip-Flop Optimization and Characterization in NOC design space' World Congress on Information and Communication Technologies (WICT 2011) at Mumbai, pp. 251-256, 12-14 December 2011.

'A High Performance Flip Flop for Low Power Low Voltage Systems' World Congress on Information and Communication Technologies (WICT 2011) at Mumbai, 257-262, 12-14 December 2011.

Richa Srivastava, Urvashi Singh and Maneesha Gupta: 'Analog Circuits for Gaussian Function with Improved Performance' World Congress on Information and Communication Technologies (WICT 2011), Mumbai, pp. 932-938. 12-14 December 2011.

Sridhar Iyer and Shree Prakash Singh: 'A Novel Hybrid Node Architecture for Reducing Time Delay in Wavelength Multiplexed (WDM) Translucent Network' Eighteenth National Conference on Communication, IIT, Kharagpur, 3-5 February 2012.

Santosh Kumar Singh and Jyotsna Singh: 'Audio Watermarking in MDCT Domain', Second International Conference on Electronics and Communication Engineering, Hyderabad, 12-13 November 2011.

Munmun Baisantry, Himanshu Arora and Jyotsna Singh: 'Speech Compression Using JPEG', in *Proc. of Int. Colloquiums on Computer Electronics Electrical Mechanical and Civil*, Karnataka, 27-28 December 2011.

Publications

Books

Senani, R. and Gupta, S.S. 2011. 'Current-mode universal biquad using current followers: A minimal realization' *Radio Engineering Journal*, Czech Republic, Vol. 20, No. 4, pp. 898-904.

Rathee, A. and Parthasarathy, H. 2011. 'Perturbation based Fourier series analysis of transistor amplifier'. *Circuits, Systems and Signal Processing*. doi:10.1007/s00034-011-9277-x.

'Frequency-Variation Based Method for Parameter Estimation of Transistor Amplifier', *World Academy of Science, Engineering and Technology*, Vol. 60, December 2011.

- Gupta, M. and Pandey, R. 2012.** 'FGMOS based low voltage tunable reciprocal circuit using FGMOS technique', *Journal of Active and Passive Electronic Devices*, Vol. 7, No. 3, pp. 159-168.
- Gupta, K., Sridhar, R., Chaudhary, J., Pandey, N. and Gupta, M. 2011.** 'New Low Power Tri-state Circuits in Positive Feedback Source Coupled Logic', in *Journal of Electrical and Computer Engineering*, Vol. 2011, Article ID 670508, 6 pagesdoi:10.1155/2011/670508, Hindawi publication.
- Gupta, M., Jain, M. and Kumar, B. 2011.** 'Recursive Wideband Digital Integrator and Differentiator' *International Journal of Circuit Theory and Applications*, John Wiley Publications, DOI: 10.1002/cta.658, 2010. Vol. 39, issue 7, pp. 775-782.
- Gupta, M. and Pandey, R. 2011.** 'Low-Voltage FGMOS Based Analog Building Blocks', *Microelectronics Journal*, 42, pp. 903-912, DOI: 10.1016/j.mejo.2011.03.013.
- Gupta, M., Varshney, P. and Visweswaran, G.S. 2011.** 'Digital fractional order differentiator and integrator models based on first order and higher order operators', *International Journal of Circuit Theory and Applications*, John Wiley Publications, DOI: 10.1002/cta.650, 2010, Vol. 39, issue 5, pp. 461-474.
- Niranjan, V. and Gupta, M. 2011.** 'Body Biasing-A circuit level approach to reduce leakage in Low Power CMOS circuits', *Journal of Active and Passive Electronic Devices*, Vol. 6, No. 1-2, pp. 89-99, UK: Old city Publishing Inc.
- Niranjan, V. and Gupta, M. and Prakash, N. 2011.** 'Subthreshold Schmitt trigger using body-bias technique for ultra low power and high performance applications', *Russian Microelectronics*, Vol. 40, No. 2, pp. 141-145, Springer publication.
- Iyer, S. and Singh, S.P. 2011.** 'Impact of combined nonlinearities and ASE noise on Performance of 10 Gbps all Optical Star WDM Networks', *Communication and Network Scientific Research (U.K)*, Vol. 3, No. 4, pp. 235-249.
- Upadhyay, D.K. and Singh, R.K. 2011.** 'Recursive wideband digital differentiator and integrator', *Electron. Lett.*, Vol. 47, No. 11, pp. 647-648.
- Rawat, T.K. 2011.** 'Analog Least Mean Phase Adaptive filter in Stochastic Differential Equation Formalism', *International Journal of Electronics and Communication*, Vol. 65, pp. 852-858, doi:10.1016/j.aeue. 2011.02.001, Elsevier.

FACULTY OF MATHEMATICAL SCIENCES

COMPUTER SCIENCE

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	3
M.Phil.	-	9

Seminars/Conferences held

International Workshop on Adhoc Networks, 19 July 2011 and 6 March 2012.

ACM Mega Event, 17 March 2012.

Seminars/Conferences attended

Dr. Naveen Kumar: 11th International Conference on. Intelligent Systems Design and Applications (ISDA) - Córdoba, Spain, 22-24 November 2011.

Dr. Punam Bedi: Invited Speaker International Symposium on Machine Intelligence Research Day, organized by Institution of Engineers, Roorkee local Centre, 13 June 2011.

Dr. Vasudha Bhatnagar: Tutorial Speaker International Conference on Management of Data, Bangalore, 19-21 December 2011.

International Workshop on Stellar Spectral Libraries, Delhi, 5-9 December 2011.

Dr. Neelima Gupta: The Indian International Conference FSTTCS, IIT Mumbai in Dec. 2011.

Dr. Vidya Kulkani: Participation of faculty in National Conference held in India:

JavaOne and Oracle Develop 2011, Hyderabad, 10-11 May 2011.

National Knowledge Network Workshop Conference Centre, University of Delhi, 25 March 2011.

Publications

Journals

Bedi, P. and Sharma, R., 2012. Trust based Recommender System using Ant Colony for Trust Computation, Expert Systems with Applications. 39(1): 1183–1190. Elsevier.

Thukral, A., Banati, H., and Bedi, P. 2011. Ranking Tagged Resources Using Social Semantic Relevance. *International Journal of Information Retrieval Research*, 1(3), 15-34. IGI Global.

Mehta, H., Kundra, S., Bedi, P., and Dixit, V.S. 2011. Collaborative Personalized Web Recommender System using Entropy based Similarity Measure, *International Journal of Computer Science Issues*. 8(6): 231-240.

Gaur, V., Sharma, N.K. and Bedi, P. 2011. A Dynamic Model for Sharing Reputation of Sellers among Buyers for Enhancing Trust in Agent Mediated e-market, *International Journal of Computer Science Issues*. 8(6): 142-152.

Bedi, P., Qayumi, K. and Kaur, T. 2011. Home Security Surveillance System using Multi-Robot System, *International Journal of Computer Applications in Technology*, Inderscience.

Bansal, R., Sehgal, P. and Bedi, P. 2011. Securing fingerprint images using PSO based wavelet domain watermarking, *Information Security Journal: A Global Perspective*, Taylor and Francis.

2011. Minutiae Extraction from Fingerprint Images - a Review, *International Journal of Computer Science Issues*. 8(5): 74-85.

Gandotra, V., Singhal, A. and Bedi, P. Layered Security Architecture for Threat Management using Multi-Agent System. ACM SIGSOFT Software Engineering Notes, 36(5), USA: ACM Digital Library, September 2011.

2011. MASPTA-O: Multi-Agent System Planning to Avoid Threats Optimally, *Information Security Journal: A Global Perspective*, 20(6): 290-310. Taylor and Francis.

Sharma, R., Banati, H. and Bedi, P. 2011. Analyzing User Interaction to Design an Intelligent e-Learning Environment, *International Journal on E-Learning*. 10(4): 441-460.

Goel, S., Sharma, A., Bedi, P. and Panchal, V.K. 2011. Decision Gap within Swarm in Natural Terrain Feature Identification, *International Journal of Computer Science and Security*, 1(3). CSC Press.

Bedi, P. and Vashisth, P. 2011. Interest Based Recommendations with Argumentation. *Journal of Artificial Intelligence*. 4(2): 119-142.

Bedi, P., Gandotra, V., Singhal, A., Narang, H. and Sharma, S. 2011. An Optimal Approach for Avoiding Threats, *European Journal of Scientific Research*. 55(4): 527-537. EuroJournals Publishing Inc.

Gaur, V., Sharma, N.K. and Bedi, P. 2011. A Dynamic Reinforcement Learning Strategy for Seller Agents in e-market, *International Journal on Recent Trends in Engineering & Technology*. 5(1): 25-31. ACEEE.

Bedi, P. and Chawla, S. 2011. High Scent Web Page Recommendation using Fuzzy Rough Set Attribute Reduction, J.F. Peters et al. (eds) *Transactions on Rough Sets XIV*, LNCS 6600 : 18-36. Berlin Heidelberg: Springer-Verlag.

Muttoo, S.K. and Kumar, V. 2012. Watermarking Digital Vector Map using Graph Theoretic Approach' *Anal. of GIS*, Taylor & Francis, Vol-18, No 2, pp. 135-146.

2011. A Graph Theoretic Approach to Sustainable Steganography, *Int. J. of Information and Computer Security*, Inderscience, Vol. 4, No.3.

Kumar, S. and Muttoo, S.K. 2012. Image stegnography based on dual tree complex discrete wavelet tranform Accepted for publication: *International Journal of Computer and electrical Engineering*, Singapore.

Muttoo S.K. and Ismael, A. 2012. A new stegosystem based on LFSR generator, *International Journal of Engineering and Innovative Technology*, Vol. 1, No. 1.

Muttoo, S.K. Aggarwal, D. and Bahvya, A. 2012. A Secure Image Encryption Algorithm Based on Hill Cipher, *Buletin Teknik Elektro dan Informatika*, Vol. 1, No. 1.

Khurana, S. and Gupta, N. 2012. Reliable Distance Vector routing protocol to handle Blackhole and Selfish nodes in Ad-hoc Networks, *International Journal of next generation computing*, Vol. 3, issue 1.

2011. 'End-to-end protocol to secure ad hoc networks against wormhole attacks', In *Wiley Journal of Security and Communication Networks*, Vol. 4, issue 5.

Sharma, S. and Narang, H. (both M.Sc. final year). 'Optimal Countermeasures Identification Method: A New Approach in Secure Software Engineering', *European Journal of Scientific Research* ISSN 1450-216X Vol. 55, No.4, pp.527-537, July 2011.

Ismael, A. (MSc 2nd year).” A New Stego-System Based on LFSR Generator', (*IJEIT*) Vol. 1, Issue 1 January 2012.

Agarwal, M., Vig, L. and Kumar, N. “Multi-objective Robot Coalition Formation for Non-Additive Environments”, 4th International Conference on Intelligent Robots and Applications (ICIRA-2011), Aachen, Germany, 6-9 December 2011.

'MORCFA: A Multiple Objective Robot Coalition Formation Algorithm', 5th Indian International Conference on Artificial Intelligence, Tumkur, India, 14-16 December 2011.

Conference Publications

Bedi, P., Bansal, R. and Sehgal, P. Multimodal Biometric Authentication using PSO based Watermarking. C3IT - 2nd International Conference on Computer, Communication, Control and Information Technology, West Bengal, India, 25–26 February 2012.

2011. Using PSO in Image Hiding Scheme based on LSB Substitution, In proceedings ACC 2011 - The first International Conference on Advances in Computing and Communications, A. Abraham et al. (Eds.)Part III, CCIS 192: 259—268. Berlin Heidelberg: Springer-Verlag.

Gandotra, V., Singhal, A. and Bedi, P. Threat-Oriented Security Framework: A Proactive Approach in Risk Management, C3IT - 2nd International Conference on Computer, Communication, Control and Information Technology, West Bengal, India, 25–26 Feb. 2012.

Cross Threats Evaluation and Control in Proactive Risk Management, In proceedings ESEP 2011 - International Conference on Energy Systems and Electrical Power, 9-10 December 2011, Singapore, *Energy Procedia* 13 (2011): 4253 - 4262, Elsevier.

Bedi, P., Gupta, B. and Kaur, H. Access Control on Grid Resources Using Radial Basis Function Neural Network, C3IT - 2nd International Conference on Computer, Communication, Control and Information Technology, West Bengal, India, 25–26 Feb. 2012.

Bedi, P., and Vashisth, P. A Fuzzy Trust Model for Argumentation-Based Recommender Systems In proceedings SocProS 2011 - International Conference on Soft Computing for Problem Solving, Kusum Deep et. al.(Eds.) AISC130: 473 - 484. Berlin Heidelberg: Springer-Verlag, 20-22 December 2011.

Benefits of Utilizing Causal Purposes in Interest-Based Recommendation. In proceedings CIGN 2011 -International Conference on Computational Intelligence and Communication Systems, Gwalior, 448-453. USA: IEEE Xplore, 7-9 October 2011.

Interest-Based Personalized Recommender System. In proceedings WICT 2011- International Conference on World Congress on Information and Communication Technologies, Mumbai, India: 245-250. USA: IEEE Xplore, 11-14 December 2011.

Aakansha, Sharma, R. and Bedi, P. MPG_AbTR: Ant based Trusted Routing in MANets Using Mobile Process Groups, In proceedings SocProS 2011 - International Conference on Soft Computing for Problem Solving, Kusum Deep et. al.(Eds.) AISC130: 347-356. Berlin Heidelberg: Springer-Verlag, 20-22 December 2011.

Aakansha, Bedi, P. MPG-STAR: Mobile Process Groups Based Secured and trusted routing for MANets. In proceedings CIGN 2011 -International Conference on Computational Intelligence and Communication Systems, Gwalior, India: 549-553. USA: IEEE Xplore, 7-9 October 2011.

Vashisth, P., Agarwal, S., Wadhwa, B. and Bedi, P. Capturing User Preferences through Interactive Visualization to Improve Recommendations. WCIT 2011- International Conference on World Conference on Information Technology, Antalya, Turkey, Procedia Journal of Technology, Elsevier, 23-27 November 2011.

Goel, S., Sharma, A. and Bedi, P. Cuckoo Search Clustering Algorithm: A novel strategy of biomimicry. In proceedings WICT 2011- International Conference on World Congress on Information and Communication Technologies, Mumbai, India : 920-925. USA: IEEE Xplore, 11-14 December 2011.

Gupta, B., Kaur, H. and Bedi, P. Predicting Grid User Trustworthiness using Neural Networks. In proceedings WICT 2011- International Conference on World Congress on Information and Communication Technologies, December 11-14, 2011, Mumbai, India ; 731-736. USA: IEEE Xplore.

Bedi, P. and Agarwal, S. Aspect-Oriented Mobility-Aware Recommender System. In proceedings WICT 2011- International Conference on World Congress on Information and Communication Technologies, Mumbai, India: 191-196. USA: IEEE Xplore, 11-14 December 2011.

Preference Learning in Aspect Oriented Recommender System In proceedings CICON 2011 -International Conference on Computational Intelligence and Communication Systems, Gwalior, India: 611-615. USA: IEEE Xplore, 7-9 October 2011.

AORS: Aspect-oriented Recommender System, In proceedings CSNT 2011 - The International Conference on Communication Systems and Network Technologies, Jammu, India : 709-713 USA: IEEE Computer Society, 3- 5 June 2011.

Sharma, R., Banati, H. and Bedi, P. Incorporating Social Opinion in Content Selection for an e-Learning Course, The 6th International Conference on Computer Science & Education (ICCSE 2011), August, Singapore, 1027–1032. USA: IEEE Xplore.

2011. Social Support Based Multi-Agent Framework for Designing an e-Learning Course, In proceedings ICCSN 2011 - 2011 IEEE International Conference on Communication Software and Networks, 160-164. USA: IEEE Xplore.

Adaptive Content Sequencing for e-Learning Courses using Ant Colony Optimization, In proceedings SocProS 2011 - International Conference on Soft Computing for Problem Solving, Kusum Deep et. al.(eds.) AISC 131: 537-548. Berlin Heidelberg: Springer-Verlag, 20-22 December 2011.

Chawla, S., Srivastava, S. and Bedi, P. 2011. Goal Oriented Requirements Engineering Framework for Web Applications, In proceedings IC3 2011 - International Conference on Contemporary Computing, S. Aluru et. al.(Eds.) CCIS 168: 229-241. Berlin Heidelberg: Springer-Verlag.

Thukral, A., Mendiratta, V., Behl, A., Banati, H. and Bedi, P. 2011. FCHC: A social semantic focused crawler, In proceedings ACC 2011 - The first International Conference on Advances in Computing and Communications, A. Abraham et al. (Eds.)Part III, CCIS 192: 273-283. Berlin Heidelberg: Springer-Verlag.

Bedi, P. and Vashisth, P. Interest-Based Repair of Conflicting Requirements using Argumentation, In proceedings CSNT 2011 - The International Conference on Communication Systems and Network Technologies, Jammu, 18-722. USA: IEEE Computer Society, 3-5 June 2011.

2011. Extending Speech-Act based Communication to Enable Argumentation in Cognitive Agents, ICAC3 2011, S. Unnikrishnan, S. Surve, and D. Bhoir (Eds.): ICAC3 2011, CCIS 125 : 25–40, 2011. Berlin Heidelberg: Springer-Verlag.

Gupta, B., Kaur, H., Namita and Bedi, P. Trust based Access control for Grid Resources, In proceedings CSNT 2011 - The International Conference on Communication Systems and Network Technologies, Jammu, 678-682. USA: IEEE Computer Society, 3- 5 June 2011.

Bhatnagar, V., Gupta, T. and Gupta, R. Automated tools for Stellar Classification and their Inter-comparison, Poster in International Workshop on Stellar Spectral Libraries, University of Delhi, 5-9 December 2011.

Kumar, N., Gupta, A. and Bhatnagar, V. Lattice Based Associative Classifier, Accepted in 4th Asian Conference on Intelligent Information and Database System , Taiwan, 19-21 March 2012.

Kochhar, P. and Gupta, D. (Both MCA 3rd year), “Design and Implementation of Smart Home Security Schemes in India”, International Conference on Facets of Business Excellence, FOBE 2011. book entitled IT for Business Excellence(advanced research series - Mac Millan) held at IMT Ghaziabad.

Gupta, P. (MSc 2nd year),”An Efficient and Secure Chaotic Encryption Scheme for Multimedia”, International Conference on ‘Advances in Modeling, Optimization and computing’ (AMOC-2011), held at IIT Roorkee, 5-7 December 2011.

MATHEMATICS

Major Activities

The Department of Mathematics is one of the four departments under the Faculty of Mathematical Sciences of the University of Delhi and has 18 faculty members. The faculty members conduct research in the following areas: Algebraic Topology, Coding Theory, Information Theory, Discrete Mathematics, Combinatorics, Applied Algebra, Group Rings, Combinatorial Group Theory, Real Analysis, Complex Analysis, Computational Fluid Mechanics, Functional Analysis and Operator Theory, Harmonic Analysis and Operator Algebras, Ordinary and Partial Differential Equations, Ring Theory, Commutative Algebra, Numerical Analysis, and Fluid Dynamics.

The Department has organized:

- (i) ATML school on Real Analysis and Measure Theory.
- (ii) National Seminar for research scholars.
- (iii) Refresher course for college teachers.
- (iv) Lectures and interactive sessions by eminent mathematicians.
- (v) Discussion meetings for new syllabus at undergraduate level.
- (vi) One day Seminar at South Campus.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	13
M.Phil.	-	16

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
R& D Doctoral Programme.	Prof.B.K. Dass Prof. R.K.Mohanty Dr. C.S. Lalitha Prof. Ajay Kumar Dr. Lalit Kumar Dr. Kanchan Joshi Dr. Arvind Patel Dr. Atul Gaur Dr. V. Ambethkar and Dr. A. Zothansanga	DU

Honours/Distinctions

Dr. Rosihan M. Ali, Dr. V. Ravichandran and N. Seenivasagan: Won the Best Research Paper Award 'Differential subordination and for meromorphic functions defined by certain multiplier transformation', published in bulletin of the *Malaysian Mathematical Sciences Society* (2), 33(2), 2010, 311-324 in the Category of Science, Technology and Medicine awarded by the Malaysian Council of Scholarly Publications (Majlis Penerbitan Ilmiah Malaysia MAPIM).

Seminars/Conferences held

National Seminar for research scholars was organized. The seminar was attended by 77 research scholars, faculty members and supervisors from colleges. Twenty two research scholars presented their work and a few talks were organized by eminent mathematicians, 24-25 March 2012.

Seminars/Conferences attended

Prof. B.K. Dass: Delivered a keynote address in Training Programme, on Nonlinear Analysis with Applications to Optimization and Game Theory at Department of Mathematics, Aligarh Muslim University, Aligarh, 16 November 2011.

Prof. Ajay Kumar: Delivered invited talks at University of Panjab, University of Jammu, University of Kashmir and University of Delhi.

Dr. C.S. Lalitha: Delivered invited talk and chaired a technical session at International Conference on Analysis and its Applications, Aligarh Muslim University, 19-21 Nov. 2011.

Dr. Kanchan Joshi: Participated in the ATM Workshop at HRI, 22-27 August 2011.

Dr. Atul Gaur and Dr. V. Ambethkar: Delivered a talk at National Seminar on Algebra at KV College, Vijayawada, 25 October 2011.

Dr. Lalit Kumar: Participated in an International Workshop on wavelets, Frames and Application at Kirorimal College, University of Delhi, 15-21 December 2011.

Delivered a lecture in National Conference on Recent Advances in Mathematics, organised by Department of Mathematics and Astronomy, University of Lucknow, 2-4 February 2012.

Dr. Arvind Patel: Presented a paper in National Conference on Recent trends in Mathematics and Statistics, organised by Department of Mathematics and Statistics, DDU Gorakhpur University, 12-13 March 2012.

Publications

Research Articles

Ambethkar, V. 2011. Effect of Magnetic Field on an Oscillatory Flow of a Viscoelastic Fluid with Thermal Radiation, *Applied Mathematical Sciences*, Bulgaria 5(19).

Dass, B.K. and Garg, P. 2011. On Repeated Low-density Burst Error Detecting Linear Codes, *Mathematical Communications*, 16, 37-47. **C.**

Dass, B.K. and Verma, R. 2011. Repeated Low-density Burst Error Detecting Codes *Journal of the Korean Mathematical Society*, 48(3), 475-486 .

Dass, B.K. and Madan, S. 2012. Blockwise Repeated Low-density Burst Error Correcting Linear Codes, *Italian Journal of Pure and Applied Mathematics*, **B.**

Gupta, S ., Mehta, S. , Shabbir, J. and Dass, B.K. 2012. Generalized Scrambling in Quantitative Optional Randomized Response Models, *Communications in Statistics – Theory and Methods*, **B.**

Jain, R. and Kumar, A. 2011. Ideals in Operator space projective tensor product of C^* -algebras, *Journal of Australian Mathematical Society*, 91, 275-288.

Mohanty, R.K., Jain, M.K. and Mishra, B.N. 2011. A New Fourth Order Difference Approximation for the Solution of Three-dimensional Non-linear Biharmonic Equations using Coupled Approach, *American Journal of Computational Mathematics*, 01,318-327.

2011. A Compact Discretization of $O(h^4)$ for Two-dimensional Non-linear Triharmonic Equations”, *Physica Scripta*, 84, ID: 025002.

Mohanty, R.K. and Singh, S. 2011. A New High Order Approximation for the Solution of Two-space Dimensional Quasi-linear Hyperbolic Equations, *Advances in Mathematical Physics*, 2011, ID: 420608.

Mohanty, R.K. and Dhall, D. 2011. High Accuracy Arithmetic Average Discretization for Non-linear Two Point Boundary Value Problems with a Source Function in Integral Form, *Applied Mathematics*, 02, 1243-1251.

- Mohanty, R.K., and Gopal, V. 2011.** High Accuracy Cubic Spline Finite Difference Approximation for the Solution of One-space Dimensional Non-linear Wave Equations, *Applied Mathematics and Computations*, 218, 4234-4244.
- Singh, H.K. and Singh, T.B. 2012.** *Proceedings of Indian Academy of Sciences*, 122(1), 79-86.
- Ali, R.M., Jain, N. and Ravichandran, V. 2012.** Radii of Starlikeness Associated with the Lemniscate of Bernoulli and the Left-half Plane, *Applied Mathematics and Computations*, 218, 6557-6565.
- Ali, R.M., Cho, N.E, Kwon, O.S, and Ravichandran,V. 2012.** A First Order Differential Double Subordination with Applications, *Applied Mathematics Letters*, 25, 268-274.
- Ali, R.M., Keong, L.S. and Ravichandran, V. 2012.** Shamani Supramaniam, Coefficient Estimates for Bi-univalent Ma-Minda Starlike and Convex Functions, *Applied Mathematics Letters*, 25, 344-351.
- Ali, R.M., Badghaish, A.O, Ravichandran. V. and Swaminathan. A. 2012.** Starlikeness of Integral Transforms and Duality, *Journal of Mathematical Analysis and Applications*, 385(2), 808-822.
- Ali, R.M., Cho, N.E, Jain, N. and Ravichandran, V. 2012.** Radii of starlikeness and convexity of functions defined by subordination with fixed second coefficients, *Filomat*, Vol. 26 No 3, 553-561.
- Cho, N.E, Kwon, S.O. and Ravichandran,V. 2011.** Coefficient, Distortion and Growth Inequalities for Certain Close-to-Convex Functions, *Journal of Inequalities and Applications*, 201, Article 100.
- Ali, R.M., Chandrashekar, R, Keong, L.S. and Ravichandran,V. 2011.** Convolutions of Meromorphic Multivalent Functions with respect to n-ply Symmetric Conjugate Points, *Applied Mathematics and Computations*, 218(3), 723-728.
- Badghaish, A.O, Ali, R.M. and Ravichandran,V. 2011.** Closure Properties of Operators on the Ma-Minda Type Starlike and Convex Functions, *Applied Mathematics and Computations*, 218(3), 667-672.
- Ali, R.M., Nagpal, S. and Ravichandran,V. 2011.** Second-order Differential Subordinations for Analytic Functions with Fixed Initial Coefficient, *Bulletin of the Malaysian Mathematical Sciences Society*, 34(3), 611-629.
- Ali, R.M. and Ravichandran, V. 2011.** Uniformly Convex and Uniformly Starlike Functions, *Ramanujan Mathematics Newsletter*, Vol. 21 No 1, 16-30.
- Ali, R.M., Chandrashekar, R., Lee, S.K., Ravichandran,V. and Swaminathan, A. 2011.** Differential Sandwich Theorem for Multivalent Meromorphic Functions Associated with Liu-Srivastava Operator, *Kyungpook Mathematical Journal*, 51(2), 217-232.

2011. Differential sandwich theorem for multivalent analytic functions associated with Dziok-Srivastava operator, *Tamsui Oxford Journal of Mathematical Sciences*, Vol. 27 No 3, 327-350.

Ravichandran, V. and Kumar, S.S. 2011. Argument estimate for starlike functions of reciprocal order, *The Southeast Asian Bulletin of Mathematics*, Vol. 35, 837–843.

Ali, R.M., Mohd., M.H., Keong, L.S. and Ravichandran, V. 2011. Radii of starlikeness, parabolic starlikeness and strong starlikeness for Janowski starlike functions with complex parameters, *Tamsui Oxford Journal of Mathematical Sciences*, Vol. 27 No.3, 253-267.

Lalitha, C.S. and Chatterjee, P. 2011. *Well-Posedness and Stability in Vector Optimization Problem Using Henig Proper Efficiency*, Optimization. Online, DOI: 10.1080/02331934.2011.587190.

Dutta, J. and Lalitha, C.S. 2011. *Optimality Conditions in Convex Optimization Revisited*, Optimization Letters, Online DOI: 10.1007/s11590-011-0410-3.

Lalitha, C.S. and Bhatia, G. 2011. *Stability of Parametric Quasivariational Inequality of the Minty Type*, Journal of Optimization Theory and Applications, 148(2), 281-300.

Lalitha, C.S. and Arora, R. 2011. *Proximal Proper Saddle Points in Set-Valued Optimization*, Topics in Nonconvex Optimization and its Applications, Springer (Ed.) S.K. Mishra, Vol. 50, 87-100.

Jain, T. 2011. Derivatives for antisymmetric tensor powers and perturbation bounds, *Linear Algebra and its Applications*, 435, 1111-1121.

Kumar, L. 2012. On Retro Banach Frames of Type P, *Azerbaijan Journal of Mathematics*, 2(1), 79-86.

OPERATIONAL RESEARCH

Major Activities

The Department of Operational Research is a key educational and research unit of the University of Delhi. The thrust of the Department besides regular teaching and research is to have greater industry interaction to make industry informative and reactive to the subject of Operational Research.

The Research in the Department is targeted towards meeting the Challenges of the information-driven, process-oriented competitive industrial environment. Faculty Research in the Department is aimed at exploring fundamentals and applications in the following broad areas:

(i) Mathematical Programming, (ii) Software and Hardware Reliability, (iii) Queueing Theory, (iv) Inventory Management, (v) Marketing Engineering, (vi) Optimization, (vii) Supply Chain Management, (viii) Soft Computing, (ix) Control Theory.

In most instances, research is conducted in multi-disciplinary application areas. Faculty members have published number of papers in journals of National and International repute and delivered invited talks at various forums in their respective areas.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	3
M.Phil.	-	9

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Two Dimensional Software Reliability Growth Modelling and the related Optimization Problems.	Dr. (Mrs.) Anu Gupta Aggarwal	DU

Honours/Distinctions

Dr. Ompal Singh: Research Excellence Award in the 5th International Conference on Quality, Reliability and Infocom Technology (ICQRIT), Trends and Future Directions, Kathmandu, Nepal, 2011.

Seminars/Conferences attended

Dr. Chandra K. Jaggi: Delivered lectures on, 'Inventory Modelling Recent Development' National Conference on Mathematical Analysis and Modelling at SRM University, Modinagar, UP, 30-31 March 2012.

Delivered keynote address on, 'Inventory Management an overview' at the National Seminar on 'Recent Trends in Advancement of Mathematical and Physical Sciences' at D.N. College, Meerut, 17 March 2012.

Delivered lectures on, 'Inventory Models for Deteriorating Items, Inventory Models with Trade Credit Policies and Warehousing Problems' in National Workshop on Inventory Modeling (Sponsored by DST) held at Centre for Mathematical Sciences, Banasthali University, 4-7 March 2012.

Delivered an Invited Talk on, 'Inventory models under various credit forms' in International Conference on Applied Mathematical Sciences at Ahmedabad, 16-18 December 2011.

Delivered an Invited Talk on, 'Influence of Credit Policies on Inventory Decisions in the Present Scenario' in National Conference on Mathematical and Statistical Modeling in Innovative Areas at BIT, Mesra, Ranchi, 19-20 October 2011.

Delivered keynote address on 'Recent Developments in Inventory Modeling' National Conference on Recent Trends in Mathematical Sciences at Nadar Saraswathi College of Arts & Science, Theni, Tamil Nadu, 27-28 July 2011.

Dr. Ompal Singh: The 6th National Conference; India Com 2012, Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi, 2012.

The IEEE International Conference on Industrial Engineering and Engineering Management, Singapore, 2011.

The 5th International Conference on Quality, Reliability and Infocom Technology, Trends and Future Directions, Kathmandu, Nepal, 2011.

International Congress on Productivity, Quality, Reliability, Optimization and Modeling, ISI, New Delhi, 2011.

Publications

Books

Singh, O. 2012. Editor, Proceedings of Quality, *Reliability and Infocom Technology (Trends and Future Directions)*.

Research Articles

Aggarwal, A.G., Kapur, P.K., Pham, H. and Kaur, G. Two Dimensional Multi-Release Software Reliability Modeling And Optimal Release Planning. *IEEE Transactions on Reliability*.

Aggarwal, A.G., Kapur, P.K. and Tandon, A. 2012. A Unified Approach for Developing Two Dimensional Software Reliability Model. *International Journal of Operational Research*. 13(3) : 318-337.

Aggarwal, A.G., Kapur, P.K. and Garmabaki, A.H.S. 2011. Modeling Diffusion of Successive Generations of Technology (A General Framework). *International Journal of Operational Research*.

Jaggi, C.K., Aggarwal, K.K. and Verma, M. 2012. Optimal Retailer's Ordering Policies under Two Stage Partial Trade Credit Financing in a Supply Chain. *International Journal of Industrial and Systems Engineering*, 10(3): 277-299.

Jaggi, C.K. and Mittal, M. 2012. Retailer Ordering Policy for Deteriorating items with Initial Inspection and Allowable Shortage under the Condition of Permissible Delay in Payments. *International Journal of Applied Industrial Engineering*, 1(1) : 64-79.

Jaggi, C.K. and Arneja, N. 2011. Impact of Backorder Discount in Continuous Inventory Model with Uncertain Received Quantity. *Mathematical Modelling and Applied Computing*. 2(2): 187-205.

2011. Periodic Inventory Model with Reduced Setup Cost Under Service Level Constraint. *Electronic Journal of Applied Statistical Analysis*. 4(2): 111-123.

- 2011.** Application of Chebyshev Inequality in Stochastic Inventory Model with Controllable Lead Time and Backorder Discount. *International Journal of Inventory Control and Management*.1(1): 17-36.
- 2011.** Stochastic Integrated Vendor–Buyer Model with Unstable Lead Time and Setup Cost. *International Journal of Industrial Engineering Computations*. 2(1): 123–140.
- Jaggi, C.K. and Kausar, A. 2011.** Retailer’s Ordering Policy In A Supply Chain When Demand Is Price And Credit Period Dependent. *International Journal of Strategic Decision Sciences*. 2(4):51-74.
- Jaggi, C.K. and Mittal, M. 2011.** Economic Order Quantity Model for Deteriorating Items with Imperfect Quality. *Revista Investigación Operacional*. 32(2): 107-113.
- Jaggi, C.K., Aggarwal, K.K. and Kumar, A. 2011.** Economic Order Quantity Model with Innovation diffusion Criterion having Dynamic Potential Market Size. *Int. J. of Applied Decision Sciences*. 4(3): 280 - 303.
- Jaggi, C.K., Goel, S.K. and Mittal, M. 2011.** Pricing and Replenishment Policies for Imperfect Quality Deteriorating Items Under Inflation and Permissible Delay in Payments. *International Journal of Strategic Decision Sciences*. 2(2): 20-35.
- 2011.** Economic Order Quantity Model for Deteriorating Items with Imperfect Quality and Permissible Delay on Payment. *International Journal of Industrial Engineering Computations*. 2(2): 237–248.
- Jaggi, C.K., Khanna, A. and Verma, P. 2011.** Two-Warehouse Partial Backlogging Inventory Model for Deteriorating Items with Linear Trend in Demand Under Inflationary Conditions. *International Journal of Systems Science*. 42(7): 1185-1196.
- Jaggi, C.K. and Verma, M. 2011.** Ordering Policies under Supplier-Retailer Partial Trade Credit Financing. *Opsearch*. 47(4): 293-310.
- 2011.** An Inventory Model under Two Stage Partial Trade Credit Financing Derived without Derivatives. ICPQROM-11, An International Congress on Productivity, Quality, Reliability, Optimization and Modeling. 544-556.
- Jaggi, C.K., Verma, M. and Kausar, A. 2011.** Customer Based Two Stage Credit Policies in a Supply Chain. *International Journal of Logistics & Transportation Research*, 1(2):1-12.
- Jaggi C.K., Khanna, A. and Mittal, M. 2011.** Credit Financing for Deteriorating Imperfect-Quality Items under Inflationary Conditions. *International Journal of Services Operations and Informatics*. 6 (4): 292-309.
- Singh, O., Kapur, P.K., Singh, G. and Anand, A.** Assessing Diffusion Process in Context of Customer Behaviour Based on Fluctuation in Adoption Rate in *International Journal of Mathematical Modeling Simulation and Applications*.

Singh, O., Kapur, P.K., Singh, J.N.P. and Singh, J. Two Dimensional Software Reliability Growth Model Under Imperfect Debugging and Error Generation: A Unified scheme. Accepted for publication in *International Journal of Mathematical Modeling Simulation and Applications*.

Srivastava, P.W. and Jain, N. 2011. Reliability Prediction During Development Phase of a System. *Quality, Technology and Quantitative Management*. 8(2): 111-124.

2011. Optimum Ramp-Stress Accelerated Life Test for m Identical Repairable Systems. *Applied Mathematical Modelling*. 35: 5786-5793.

2011. Bayesian Prediction of the Overhaul Effect on a Repairable System with Bounded Failure Intensity. Presented at the International Congress on Productivity, Quality, Reliability, Optimization and Modelling and published in *International Journal of Quality, Statistics and Reliability*. Vol. 2011, Article ID 681210, 8 pages, doi : 10.1155/2011/681210.

Srivastava, P.W. and Mittal, N. 2012. Optimum Multi-Level Ramp-Stress ALT Plan with Multiple-Objectives for Burr Type-XII Distribution Under Type I Censoring. *International Journal of Reliability, Quality and Safety Engineering*.

2012. Optimum Multi-Objective Ram-Stress ALT with Stress Upper Bound for Burr Type-XII Distribution. *IEEE Transactions on Reliability*.

Communications to Symposia/Seminars/Conferences

Aggarwal, A.G., Garmabaki, A.S. and Kapur, P.K. 2011. Multi Up- Gradation Software Reliability Growth Model with Faults of Different Severity. The IEEE International Conference on Industrial Engineering and Engineering Management. Singapore. 1539-1543.

2011. Multi Up-Gradation Software Reliability Growth Model With Faults of Different Severity. IEEE International Conference On Quality And Reliability. Bangkok, Thailand.

Aggarwal, A.G. Garmabaki, A.S. and Tandon, A. 2011. A Two-Dimensional Model for Successive Generations of Technologies. 5th International Conference In Quality Reliability And Infocom Technology, Kathamndu.

Singh, O., Singh, J., Anand, A. and Singh, I. 2012. Software Metrics and Reliability” in the Proceedings of The 6th National Conference, INDIA Com 2012, Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi.

Singh, O., Kapur, P.K., Anand, A. and Kumar, J. A Software Reliability Growth Model Embodying Features Enhancement. In Proceedings of the International Business Horizon, (INBUSH-2012).

Singh, O., Kapur, P.K. and Anand, A. A Stochastic Formulation of Successive Software Releases with Faults Severity. proceedings of The IEEE International Conference on Industrial Engineering and Engineering Management, 6-9 December, Singapore, pp.136-140.

2011. A Dynamic Potential Adopter Diffusion Model Incorporating Change in the Adoption Rate. In the proceedings of International Congress on Productivity, Quality, Reliability, Optimization and Modeling ,ISI, New Delhi, pp. 593-605.

Singh, O., Kapur, P.K., Anand, A. and Singh, J. 2011. Stochastic Differential Equation Based Modeling for Multiple Generations of Software and Optimal Release Planning. Proceedings of 5th International Conference on Quality, Reliability and Infocom Technology, Trends and Future Directions, Nepal, SN-19, pc-19.

Singh, O., Kapur, P.K., Singh, J.N.P. and Khatri, S.K. 2011. Testing-Domain Based Software Reliability Growth Model Incorporating The Effect of Imperfect Debugging and Error Generation. Proceedings of 5th International Conference on Quality, Reliability and Infocom Technology, Trends and Future Directions, Nepal, SN-21, pc-21.

Singh, O., Kapur, P.K., Singh, G. and Singh, J.N.P. 2011. Testing-Effort Based Muti Up-Gradation Software Reliability Growth Model. Proceedings of 5th International Conference on Quality, Reliability and Infocom Technology, Trends and Future Directions, Nepal, SN-23, pc-23.

Singh, O., Kapur, P.K. and Singh, J. 2011. Modeling Multi-upgradation Reliability Growth Based on Severity of Faults and Imperfect Debugging. In the proceedings of International Congress on Productivity, Quality, Reliability, Optimization and Modeling, ISI, New Delhi, pp. 123-135.

STATISTICS

Major Activities

The Department of Statistics which primarily focuses on three degree-oriented academic programmes, viz. M.A./M.Sc., M.Phil. and Ph.D. pursues, at the M.A./M.Sc. level, a syllabus that incorporates and embodies topical, emerging and core areas embracing and encompassing diverse facets of statistical science. It is undertaking, conducting and bringing out research work in a variety of statistical fields. The Department provides the latest computing facilities via its two well-equipped fully computerized laboratories which are geared to cater to the needs and requirements of the students and researchers. The Department has organized from time to time special invited talks by eminent persons from India and abroad. Distinguished Professors from abroad visited the Department to deliver research talks and interact with the faculty and students. The Department has, via its 'Summer Training' and 'Campus Placement' programmes, achieved tangible success in tapping opportunities to pave the way for suitable placement of its students with attractive salary packages in reputed national and international companies/organizations.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	5
M.Phil.	-	5

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Some Contributions to Concomitants of Record Values.	Prof. Jagdish Saran	DU
Classical, Bayesian and Sequential Inferential Procedures for Some Reliability Models.	Dr. Ajit Chaturvedi	DU

Publications

Books

Makhija, N. and Grover, G. 2011. (1st ed). *Statistical Estimation of Survival Time of Cardiac Patients: A Study under Various Conditions*. LAP Lambert Academic Publishing, Germany.

Research Articles

Aggarwal, M.L., Singh, P., Sarin, V. and Husain, B. 2011. Orthogonally blocked mixture component-amount designs via projections of F-squares, *Journal of the Korean Statistical Society*. 41: 49-60.

2011. Optimal orthogonal block designs for four mixture components in two blocks based on F-squares for Becker's models and K-model. *Statistics*, First, 1-19.

Biswas, S., Bae, S., Singh, K.P., Grover, G. and Varshney, M.K. 2011. On an empirical Bayes estimator for the BLUE of HIV population based on CD4 cell count. *Far East Journal of Theoretical Statistics*. 34(2): 85-108.

Chaturvedi, A. and Sharma, V. 2011. Bayesian life test planning for a family of lifetime distributions: some approximate solutions. *Journal of Probability and Statistical Science*. 9(2): 169-178.

Grover, G. and Das, D. 2011. On the estimation of the expected proportion of AIDS cases using Bayesian approach. *The IUP Journal of Computational Mathematics*. 4(2): 37-48.

2011. Decrement table and the estimation of HIV mortality rate with an application to Hemophilia-associated AIDS. *Journal of AIDS and HIV Research*. 3(1): 11-19.

Pushkarna, N., Saran, J. and Tiwari, R. 2012. Recurrence relations for higher moments of order statistics from doubly truncated exponential distribution. *International Mathematical Forum*. 7(4): 193-201.

Saran, J. and Pandey, A. 2011. Recurrence relations for marginal and joint moment generating functions of dual generalized order statistics from inverse Weibull distribution. *Journal of Statistical Studies*. 30: 65-72.

2012. Recurrence relations for moments of progressively type-II right censored order statistics from half logistic distribution. *Journal of Statistical Theory and Applications*. 11(1): 87-96.

Singh, P. and Panda, M.K. 2011. Optimal designs for second degree K-model for mixture experiments based on weighted simplex centroid designs. *Metron*, LXIX.n.3, 251-263.

FACULTY OF MANAGEMENT STUDIES

BUSINESS MANAGEMENT AND INDUSTRIAL ADMINISTRATION

Major Activities

- Lectures by Hon'y. Adjunct Professor A.P.J. Abdul Kalam, Ex-President of India.
- Visit of many dignitaries in the campus, including Nobel Laureates.
- Participates of Faculty Members in Colloquiums in Harvard Business Schools.
- Semester wise hosting of International Students from France and Fullbright Professor from USA.
- Winning many awards in B-School Competition including International Awards.
- Prof. Brian Stoddart Prof. and Ex-Vice Chancellor of La Trobe University and Prof. Auriol Weigold (visiting fellow at University of Canberra, Australia) delivered lecture on "Indian and Australia Bridging different worlds" at FMS on December 2, 2011.
- Raman Magsaysay awardee Dr. Kiran Bedi delivered a talk on (Seven-step) code to Success at FMS on December 7, 2011.
- Received Dewang Mehta Business School Award 2011.
- Received Leadership award in Management Education 2011.

Ph.D. Degrees awarded

Ph.D. - 5

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
'TPM in Indian Industries; Case Studies'.	Prof. Sunil Sharma	Dean (Research), D.U.

New Additions

Dr. Soma Dey

Dr. Partha S. Chatterjee

Seminars/Conferences held

Prof. Sunita Singh Sengupta: National Seminar on 'Indian Business Through Ages' at FMS on 12-13 December 2011.

Seminars/Conferences attended

Prof. M.L. Singla: Delivering Information Services 2011 at Harvard Business School, Boston, USA, 24 July–3 August 2011.

Prof. Ajay Pandit: Richard Ivey School of Business the University of Western Ontario, North London, Canada, 29-31 August 2011.

Participated in Case writing and course Development Seminar Organized by Harvard Business School, Mumbai, 12-15 March 2012.

Prof. Sunil Sharma: Presented a paper on 'Building Organisation Culture for Resource Efficiency Management through TPM' at the 11th *South Asian Management Forum* organized by AMDISA and Nepal Administrative Staff College at Kathmandu, 16-18 May 2011.

Dr. Debadyuti Das: Richard Ivey School of Business the University of Western Ontario, North London, Canada, 29-31 August 2011.

Participated in Case writing and course Development Seminar organized by Harvard Business School, Mumbai, 12-15 March 2012.

Coordinated and engaged technical sessions in an MDP on Hospital Administration during February-March 2012.

Dr. Monica Singhania: Participated in International Teachers Programme organized by Kellogg School of Management, Northwestern University, Chicago, USA, 3-10 July 2011.

Presented a paper entitled 'Corporate Governance and Financial Performance in India: An Empirical Study' at 10th International Conference on Corporate Social Responsibility organized by Loyola University New Orleans USA and Social Responsibility Research Network, 18-20 May 2011.

Presented a research paper entitled 'Revisiting the Dividend Puzzle' at India Finance Conference organized jointly by IIM Bangalore & IIM Calcutta at IIM Bangalore, 21-23 December 2011.

Mr. Hamendra Kumar Dangi: Participated in Global Colloquium on percipient centered learning held at Harvard Business School, Boston, USA, 24-31 July 2011.

Participated in case writing and course Development Seminar organized by Harvard Business School, at Mumbai, 12-15 March 2012.

Publications

Dhankar, R.S. 2011. 'Distribution of Risk and Return : A Test of Normality in Indian Stock Market', *South Asian Journal of Management*, Vol. 18, pp. 109-118.

2011. 'Non-Linearity and Heteroskedasticity Effect on Stock Returns Volatility - A Case of U.S. Stock Market', *Global Business Review*, Vol. 12, pp. 319-330.

2011. 'Demand for Hybrid Car in Indian Metro Cities', *International Journal of Electric and Hybrid Vehicles, UK.*, Vol. 3, pp. 1-19.

2011. Petroleum Oil Consumption in Major Countries of the World : A Panel Data Analysis, Energy Sources, Part-A: Recovery, Utilization, and Environmental Effects, UK., UESO, 0099.

Sharma, S. 2011. Building Organisational Culture for Resource Efficiency Management through TPM (Total Productive Maintenance); Comparative Case Studies from India', Sharma, Sunil and Chetiya, A., Proceedings of 11th South Asian Management Forum, Nepal Administrative Staff College, Kathmandu, pp. 148-167.

2011. 'Integration of TPM with QMS, EMS and OHSAS; Comparative Case Studies from Automobile Industry', Proceedings of Conference on Science and Practice, IIM Ahmedabad, (ed.) N. Ravichandran Allied Publishers, New Delhi, pp. 183-197.

Christopher, N. and Das, D. 'Development of a Theoretical Framework for Performance Evaluation of Construction Projects in Developing Countries', published in the proceeding of XV annual International Conference of the Society of Operations Management at IIM Kolkata, 16-18 December 2011.

Singh, A.K. and Das, D. 2011. 'Forecasting the passenger traffic movement in Lufthansa Airlines: A Supply Chain Perspective', Vol. 10, No. 2, pp. 63-77, *Journal of Services Research*.

Singhania, M. 2011. *Income Tax Mini Ready Recknor*, published by Taxman Publication Pvt. Ltd..

Students' Guide to Income-Tax, Published by Taxman Publication Pvt. Ltd., latest issue 2011.

Students' Guide to Income-Tax Problems & Solutions, published by Taxman Publication Pvt. Ltd., first issue 2011.

Corporate Tax Planning & Business Tax Procedures, Published by Taxman Publications Pvt. Ltd., latest issue 2011.

Dangi, H.K., Bardhan, A.K. and Narag, A.S. 2012. Humanitarian relief logistics: an exploratory study for need and importance of performance measurement systems, To appear in *International Journal of Logistics and Systems Management*.

Chatterjee, P. and Shukayev, M. 'Stochastic Dynamic Model of Trade and Growth: Convergence and Diversification'. *Journal of Economics Dynamics and Control*, Vol. 36, Issue 3, pp. 315-454, March 2012.

Impact factor of *Journal of Economic Dynamics and Control* is 1.117.

FACULTY OF INTER-DISCIPLINARY AND APPLIED SCIENCES

BIOCHEMISTRY

Major Activities

Dr. Anil K. Tyagi's group has developed several new candidate vaccines against (TB). Some of these show unprecedented improvement over BCG in the guinea pig model of experimental tuberculosis.

Prof. P.C. Ghosh's group has developed a PLGA nanoparticles loaded with monensin using PLGA of molecular weight 19000 and 110 000 Da and examined the efficacy of these nanoparticles as anti-malarial agents. These nanoparticles were characterized by applying various biophysical techniques and found to be smooth surface of size range between 147-167 nm.

Prof. Debi P. Sarkar Preclinical gene therapy studies with a gunn rat model, supported jointly by NRDC, New Delhi and AECOM, USA is going on for treating jaundice (Crigler-Najjar Syndrome, Type I Jaundice) with Sendai virus based F-virosome entrapped bilirubin-UDP glucouronysyl transferase (BUGT) gene to liver cells. Negotiation with various pharmaceutical companies through NRDC, New Delhi is going on with our PCT patent published on March, 2011 for a clinical trial. Details can't be disclosed at this moment for the interest of confidentiality agreement.

Dr. Suman Kundu's group provided the first three-dimensional model for Dopamine- β -Hydroxylase, a drug target for complex traits. The model has been published in PLoS One and provides an impetus for drug design. His lab has screened several small molecules against the therapeutic enzyme with success. Few of the molecules showed promising inhibition *in vitro*. His lab has provided insight into stability, aggregation and fibril formation of some important hemoglobins. His group has also standardized protocols and obtained data for use of mass spectrometry as a tool for precise detection of single amino acid mutations in human hemoglobins leading to hemoglobinopathies.

Dr. Alo Nag: Lab is elucidating the mechanisms of HPV-E6 mediated inactivation of hADA3 coactivator protein as an effort towards identifying novel molecular targets against HPV related malignancies.

Ph.D. Degrees awarded

Ph.D. - 5

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Development of pretreatment strategies and bioprocess for improved production cellulolytic enzymes and ethanol from crop byproduct for demonstration at pilot plant.	Dr. Suneel Kateriya	Ministry of New and of Renewable Energy, Govt. India.
<i>Programmes taken up involving inter-institutional collaboration</i>		
Novel nanoscale materials antimicrobial and anticancer activities.	Prof. D.P. Sarkar Prof. S. Ghosh	DBT/NE Twinning Programme

Honours/Distinctions

Prof. Debi P. Sarkar: Awarded B.K. Bachhawat memorial lecture award of NASI, Allahabad, 2011.

Dr. Suman Kundu: Citation in Marquis Who's Who in Medicine and Healthcare 2011-12 (8th Edition).

Dr. Suneel Kateriya: Awarded head of a Max Planck India Fellowship from Department of Science and Technology, India and Max Planck Group-Germany (2012-2016).

Seminars/Conferences attended

Dr. Suman Kundu, Dr. M.I. Oshtrakh, Dr. A.L. Berkovsky, Dr. Amit Kumar, Dr. A.V. Vinogradov, Dr. T.S. Konstantinova and Dr. V.A. Semionkin: 'Mössbauer spectroscopy of various hemoglobins in relation to their structure and function', 8th European Biophysics Congress, Budapest, Hungary, 23-27 August 2011.

'Study of Various Oxyhemoglobins Using Mössbauer Spectroscopy with a High Velocity Resolution', Seeheim Workshop on Mossbauer Spectroscopy, Frankfurt, Germany, June 2011.

Prof. Anil K. Tyagi: Delivered lecture in Indo-Swedish Conference on 'Post Genomic Opportunities in Tuberculosis and Other Mycobacteria Diseases, Unchagaon Fort, Bulandshahr, 29-31 January 2012.

Delivered lecture in International Symposium on 'Vaccine to Translation', Suraj Kund, Faridabad, 14-17 November 2011.

Delivered a lecture in National Symposium on 'Microbes in Health and Agriculture' in JNU, New Delhi, 12-13 March 2012.

Dr. Alo Nag, Dr. Vaibhav Chand, Dr. Rince John and Dr. Neha Jaiswal: 'Unraveling the Role of hADA3 in HPV mediated Oncogenesis', International Symposium on Cancer Biology, National Institute of Immunology, New Delhi, The Poster was selected for an Excellence Award, India, 14-16 November 2011.

Prof. Prahlad C. Ghosh: Attended South Asia Conference on Current Approaches to the Environmental Risk Assessment of Genetically Engineered Crops, at Hotel Taj Ambassador, New Delhi, 16-18 May 2011.

Publications

Reddy, P.V., Puri, R.V., Khera, A. and Tyagi, A.K. 'Iron Storage Proteins Are Essential for the Survival and Pathogenesis of *Mycobacterium tuberculosis* in THP-1 Macrophages and the Guinea Pig Model of Infection'. *J. Bacteriol.* 194(3): 567. DOI: 10.1128/JB.05553-11.

Jain, R., Dey, B., Khera, A., Srivastava, P., Gupta, U.D., Katoch, V.M., Ramanathan, V.D. and Tyagi, A.K. 2011. 'Over-expression of superoxide dismutase obliterates the protective effect of BCG against tuberculosis by modulating innate and adaptive immune responses'. *Vaccine.* 29: 8118-8125.

Jain, R., Dey, B., Khera, A., Gupta, U.D., Katoch, V.M., Ramanathan, V.D. and Tyagi, A.K. 2011. 'A Booster Vaccine Expressing a Latency-Associated Antigen Augments BCG Induced Immunity and Confers Enhanced Protection against Tuberculosis'. *PLoS ONE* 6(8): e23360.

Khare, G., Kar, R. and Tyagi, A.K. 'Identification of Inhibitors against *Mycobacterium tuberculosis* Thiamin Phosphate Synthase, an Important Target for the Development of Anti-TB Drugs'. *PLoS ONE* 6(7): e22441.

Jatana, N., Jangid, S., Khare, G., Tyagi, A.K. and Latha, N. 2011. 'Molecular modeling studies of fatty acyl-CoA synthetase (FadD13) from *Mycobacterium tuberculosis* – a potential target for the development of ant tubercular drugs'. *J. Mol. Model.* 17(2): 301-313.

Tyagi, N. and Ghosh, P.C. 2011. 'Folate receptor mediated targeted delivery of ricin entrapped into stearylly stabilized liposomes to human epidermoid carcinoma (KB) cells: effect of monensin intercalated into folate-tagged liposomes'. *Eur J. Phar. Sci.* 43, 343-353.

Hasan, G.M., Garg, N., Surolia, E.R. and Ghosh, P.C. 2011. 'Inhibition of the growth of *Plasmodium falciparum* in culture by stearylamine-phosphatidylcholine liposomes'. *J. Parasitol. Res.* 2011; 2011:120462. Epub 2011 Published online 2011 June 14, doi: 10.1155/2011/120462.

Surolia, R. and Ghosh, P.C. 2012. 'Preparation and characterization of monensin loaded PLGA nanoparticles: in vitro anti-malarial activity against *Plasmodium falciparum*'. *J. Biomedical Nanotechnology*. 8, 1-10.

Kapoor, A., Shandilya, M. and Kundu, S. 2011. 'Structural Insight of Dopamine b-Hydroxylase, a Drug Target for Complex Traits, and Functional Significance of Exonic Single Nucleotide Polymorphisms' *PLoS One* 6(10): e26509. doi:10.1371/ journal.pone.0026509.

Jangir, D.K., Charak, S., Mehrotra, R. and Kundu, S. 2011. 'FTIR and circular dichroism spectroscopic study of interaction of 5-fluorouracil with DNA'. *J. Photochem. Photobiol. B: Biology* 105, 143-148.

Oshtrakh, M.I., Berkovsky, A.L., Kumar, A., Kundu, S., Vinogradov, A.V., Konstantinova, T.S. and Semionkin, V.A. 2011. 'Heme iron states in various oxyhemoglobins probed using Mossbauer spectroscopy with a high velocity resolution'. *Biometals*, 24, 501-512.

Bisht, N.K., Abbruzzetti, S., Uppal, S., Bruno, S., Spyrakis, F., Mozzarelli, A., Viappiani, C. and Kundu, S. 2011. 'Ligand migration and hexacoordination in type 1 non symbiotic rice hemoglobin'. *Biochim Biophys. Acta*. 1814, 1042-1053.

Oshtrakh, M.I., Kumar, A., Kundu, S., Berkovsky, A.L. and Semionkin, V.A. 2011. 'Study of human, rabbit and pig oxyhemoglobins using high velocity resolution Mössbauer spectroscopy in relation to their structural and functional variations'. *J. Mol. Struc.* 993, 292-296.

John, R., Chand, V., Jaiswal, N. and Nag, A. 2011. 'Genotoxic Stress Induced Posttranslational Modification of Transcriptional Adaptor Protein Ada3'. *J. Proteins and Proteomics*, 2(2): 71-79.

Barwal, I., Ranjan, P., Kateriya, S. and Yadav, S.C. 2011. 'Cellular oxido-reductive proteins of *Chlamydomonas reinhardtii* control the biosynthesis of silver nanoparticles'. *J. of Nanobiotechno.* 9: 56.

Awasthi, M. and Kateriya, S. 2011. 'Functional diversity and optogenetic potentials of microbial rhodopsins'. *J. Prot. and Proteom.* 2(2): 115-123.

Penzkofer, A., Stierl, M., Hegemann, P. and Kateriya, S. 2011. 'Thermal protein unfolding in photo-activated adenylate cyclase nano-clusters from the amoebflagellate *Naegleria gruberi* NEG-M strain'. *Photochem. and Photobiol. A Chemi.* 225: 42-51.

2011. 'Photo-dynamics of the BLUF domain containing soluble adenylate cyclase (nPAC) from the amoebflagellate *Naegleria gruberi* NEG-M strain'. *Chem. Phys.* 387: 25-28.

BIOPHYSICS

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Comparative genomics of β -lactamase genes including in-silico analysis to identify sequences for β -lactamase inhibitors.	Prof. J.S. Viridi Dr. Manisha Goel Dr. Manish Kumar	ICMR
Analysis of protein sequence analysis, structure and function relationship inhibitors. inhibitors.computational tools and developing new tools to predict protein function.	Dr. Manish Kumar	UGC
Computational analysis of cas proteins in <i>Microphilus torridus</i> in comparison to other thermoacidophiles and mesophiles, and their role in driving CRISPR function.	Dr. Manisha Goel	UGC
<i>Programmes taken up involving inter-institutional collaboration</i>		
System Biology of LTP & LDP formation.	Subhendu Ghosh	Max Planck IPCS, Germany

Publications

Singhal, N., Sharma, P., Kumar, M., Joshi, B. and Bisht, D. 2012. 'Analysis of intracellular expressed proteins of *Mycobacterium tuberculosis* clinical isolates'. *Proteome Sci.* 10(1): 14 [PMID: 22375954].

Harbi, D., Parthiban, M., Gendoo, D.M., Ehsani, S., Kumar, M., Schmitt-Ulms, G., Sowdhamini, R. and Harrison, P.M. 2012. 'PrionHome: a database of prions and other sequences relevant to prion phenomena'. *PLoS One.* 7(2): e31785.

Verma, R., Malik, C., Azmi, S., Srivastava, S., Ghosh, S. and Ghosh, J.K. 2011. 'A synthetic S6 segment derived from KvAP channel self-assembles, permeabilizes lipid vesicles, and exhibits ion channel activity in bilayer lipid membrane'. *J. Biol. Chem.* 2011 Jul 15; 286(28): 24828-41. Epub 2011 May 18. [PMID: 21592970].

ELECTRONIC SCIENCE

Ph.D. Degrees awarded

Ph.D. - 3

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Theoretical study of semiconductor/metal clad surface Plasmon waveguides.	Prof. Avinashi Kapoor	UGC
<i>Programmes taken up involving inter-institutional collaboration</i>		
Quantum-Dot Sensitized Solar Cells based on Nanostructured Zinc Oxide.	Prof. Avinashi Kapoor	DST-JSPS
Novel ultra wideband antenna.	Prof. A.K. Verma	UGC

Honours/Distinctions

Prof. A.K. Verma: Adjunct Professor, Macquarie University, NSW, Sydney, Australia.

Conducted Ph.D. oral examination at Buckingham University, Malaysia Campus.

Seminars/Conferences held

Conference on Silvaco TCAD Package, by Mr. Praveen Sikka, Senior Application Engineer, SILVACO Singapore Pvt. Ltd. Singapore at Department of Electronic Science, South Campus, New Delhi, 19 April 2011.

IEEE-EDS Distinguished Lecturer Talk by Prof. Vijay K. Arora, Division of Engineering and Physics, Wilkes University, Wilkes-Barre USA and Nanotechnology Alliance, Ibnu Sina Institute of Fundamental Science Studies, Universiti Teknologi Malaysia, on Drift-Diffusion to Ballistic Transport in Low-Dimensional Nanostructures. Department of Electronic Science, South Campus, New Delhi, 13 January 2012.

Advanced Compact MOS Models and TCAD Methodology for VLSI Circuit Simulation Samar Saha, IEEE Senior Member, Electrical and Computer Engineering Department, University of Colorado at Colorado Springs, Colorado Springs, USA.

Physics of Electromigration in Today ULSI Interconnection Cher Ming Tan, IEEE Senior Member, Nanyang Technological University, Singapore.

Extraction of interface trap densities in High-Mobility Semiconductor MOSFETs Anisul Haque, IEEE Senior Member, Department of Electrical and Electronic Engineering East West University, Dhaka Bangladesh.

Unification of MOS Compact Models with the Unified Regional Modeling Approach Xing Zhou, IEEE Senior Member, School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore.

Seminars/Conferences attended

Dr. Mridula Gupta: VLSI Design and Test symposium (VDAT-2011), Pune, 7-9 July 2011.

Invited Lecture 15 ‘Tunnel FET as a Biomolecule Sensor’, International Conference on VLSI, MEMS & NEMS. (VMN 2012), Amity School of Engineering & Technology, Amity University, UP, 24-25 January 2012.

Monika Bhattacharya, Jyotika Jogi, R.S. Gupta and Mridula Gupta: ‘A Comprehensive Analytical approach for the evaluation of the P,R and C noise coefficients of InAlAs/InGaAs DG-HEMT’, IEEE TENCON 2011, Bali, Indonesia, 21-24 Nov. 2011.

Publications

Katyal, N., Natasha, Roy, A. and Kapoor, A. 2012. ‘Effect of phase shift on the generation of higher order in photorefractive Sillenite crystals’. *Optics Communications. Communicated.*

2011. Controlling Higher-Order self-diffracted beam properties in photorefractive optically active crystal. OSI symposium, OSI, January 2011.

2011. Effects of arbitrary phase-shift on the higher-order self diffraction in absorptive optically active photorefractive crystal. FOP11 IIT Delhi.

Singh, N., Dhruvashi, Kaur, D., Mehra, R.M. and Kapoor, A. 2012. ‘Effect of ageing in structural properties of ZnO nanoparticles with pH variation for application in Solar Cells’. *The open Renewable Energy Journal.*

Sharma, V.K., Kumar, A. and Kapoor, A. 2012. ‘Analysis of surface and guided wave plasmon polariton modes in insulator–metal–insulator planar plasmonic waveguides’. *Optics Communications.* 285: 1123-1127.

Bhatnagar, P.K. A Nano-Biosensor for DNA Sequence Detection Using Absorption Spectra of *SWNT-DNA Composite* by J. Bansal, I. Singh, N. Mathur, A. Aneja.

Bhatnagar, P.K. and Mathur, J. 2011. Nano- Electron. Phys. 3, No.1, pp. 776-782.

Singh, V., Arora, S., Bhatnagar, P.K., Arora, M. and Tandon, R.P. 2011. ‘Effects of aging on the mobility and lifetime of carriers in organic bulk heterojunction solar cells’, *Journal of Renewable and Sustainable Energy*, 3, 063111 DOI:10.1063/1.3670411.

Arora, S., Rajouria, S.K., Kumar, P., Bhatnagar, P.K., Arora, M. and Tandon, R.P. Role of donor–acceptor domain formation and interface states in initial degradation of P3HT: PCBM-based solar cells, *Phys. Scr.* 83 (2011) 035804 (6pp) doi:10.1088/0031-8949/83/03/035804.

Effect of thermal annealing on the efficiency of poly (3-hexylthiophene):[6,6]-phenyl- C_{61} -butyric acid methyl ester bulk heterojunction solar cells by Inderpreet Singh, Devinder, Madhwal, Jitender Kumar, Pramod K. Bhatnagar and Parmatma C. Mathur Charanjit S. Bhatia. *Journal of Nanophotonics*, Vol. 5, 053504, doi:10.1117/1.3565485, 11 April 2011.

Madhwal, D., Singh, I., Kumar, J., Bhatia, C.S., Bhatnagar, P.K. and Mathur, P.C. 2011. Increasing the luminous efficiency of an MEH-PPV based PLED using salmon DNA and single walled carbon nanotube *Journal of Luminescence*, Vol. 131, Issue 7, pp. 1264-1266.

Gupta, R.B., Kumar, J., Madhwal, D., Singh, I., Kaur, I., Bhardwaj, L.M., Nagpal, S., Bhatnagar, P.K. and Mathur, P.C. 2011. 'Improvement in the luminous efficiency of MEH-PPV based light emitting diodes using zinc oxide nanorods grown by the electrochemical deposition technique on ITO substrates', *Physica Scripta*, Vol. 84, Issue 1, pp. 015705.

Madan, S., Kumar, J., Madhwal, D., Singh, I., Bhatnagar, P.K. and Mathur, P.C. 2011. 'Color tuning and improved performance of poly[2-methoxy-5-(2'-ethyl-hexyloxy)-1,4-phenylenevinylene]-based polymer light emitting diode using cadmium selenide/zinc sulphide core shell uncapped quantum dots as dopants'. *J. Nanophoton.* 5, 053518; doi:10.1117/1.3604001.

2011. Synthesis and Characterization of II-VI Compound Semiconductor Quantum Dots for Enhancing The Electroluminescence of Polymer Based Light Emitting Diodes, *ICMAT*.

2011. Ultraviolet electroluminescence from zinc oxide nanorods/deoxyribonucleic acid hybrid bio light-emitting diode by Gupta Rohini Bhardwaj; Nagpal Swati; Arora Swati; Bhatnagar Pramod Kumar; Mathur Parmatma Chandra, *J. Nanophoton.* 5, 059505.

Kumar, J., Singh, I., Madan, S., Madhwal, D., Bhatnagar, P.K. and Mathur, P.C. 2012. 'Characterisation of $CdSe_xS_{1-x}$ Quantum Dots Using XRD, UV-VIS Absorption and Raman Spectroscopy Measurements'. *International Journal of Nanoscience*, Vol. 11, No. 1, 1250015 (8 pages).

Dixit, S.K., Madan, S., Madhwal, D., Kumar, J., Singh, I., Bhatia, C.S., Bhatnagar, P.K. and Mathur, P.C. 2012. 'Bulk heterojunction formation with induced concentration gradient from a bilayer structure of P3HT:CdSe/ZnS quantum dots using inter-diffusion process for developing high efficiency solar cell' *Organic Electronics*, 13, pp. 710-14.

Gupta, R., Madhwal, D., Singh, I., Kumar, J., Nagpal, S., Bhatnagar, P.K. and Mathur, P.C. 2011. 'Growth of Zinc Oxide Nanorods by Electrochemical Deposition for Application in Deep Ultraviolet Light Emitting Diodes', *ICMAT*.

Majumdar, P. and Verma, A.K. 2011. 'CAD Models of Losses for Symmetric Elliptical and Circular Cylindrical Coplanar Strip Lines', *Int. Journal of Electronics*, Vol. 98, No. 7, pp. 863-882.

2011. 'Integrated Closed-form model and Circuit Model of Lossy Slot line', IET Microwaves, Antennas & Propagation, Vol. 5, No. 14, pp. 1763-1773.

Verma, A.K. and Kumar, A. 2011. 'Synthesis of Microstrip Lowpass Filter Using Defected Ground Structures' IET Microwaves, Antennas & Propagation.

Ranga, Y., Karu, P., Esselle, A. Weily and Verma, A.K. 'Compact High-Gain Short-Horn Antenna for UWB Applications', 5th European Conference on Antenna and Propagation (EuCAP 2011), Rome, Italy.

Ranga, Y., Verma, A.K., Karu. P. Esselle and Andrew R. Weily, 'An Ultra Wideband Antenna with Uniform Gain,' 6th European Conference on Antenna and Propagation (EuCAP 2012), Czech Republic.

Papers in Reviewed Referred Journal

Aggarwal, R., Agrawal, A., Gupta, R.S. and Gupta, M. 2011. Improved Linearity Performance of AlGa_N/Ga_N MISHFET over Conventional HFETs: An Optimization Study for Wireless Infrastructure Applications, Superlattice and Microstructures. 50:1:1-13.

Malik, P., Gupta, R.S., Chaujar, R.S. and Gupta, M. 2011. Linearity-Distortion analysis of GME-TRC MOSFET for High Performance and Wireless Applications Journal of Semiconductor Technology and Science 152-174.

2012. AC Analysis of nanoscale GME-TRC MOSFET for Microwave and RF Applications, Microelectronic Reliability, 52:1: 151-158.

Bhattacharya, M., Jogi, J., Gupta, R.S and Gupta, M. 2011. Scattering parameter based Modeling and Simulation of symmetric tied gate InAlAs/InGaAs DG-HEMT for millimetre wave applications Solid State Electronics, 63:1: 149-153.

Sharma, R., Gupta, M. and Gupta, R.S. 2011. 'TCAD Assessment of Device Design Technologies for Enhanced Performance of Nanoscale DG MOSFET IEEE Trans'. *Electron Devices*, 58:9: 2936-2943.

Ghosh, P., Haldar, S., Gupta, R.S. and Gupta, M. 2012. 'An Analytical Drain Current Model for Dual Material Engineered Cylindrical/Surrounded Gate MOSFET'. *Microelectronics Journal*. 43:1: 17-24.

Narang, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. *Dielectric Modulated Tunnel Field Effect Transistor – A Bio molecule Sensor*. IEEE Electron Device Letters. 33:2: 266-268.

2012. Immunity against Temperature Variability and Bias point Invariability in Double Gate Tunnel Field Effect Transistor Microelectronics Reliability. doi: 10.1016/j.microrel.2011.12.030.

2011. 'Linearity and Analog Performance Analysis of Double Gate Tunnel FET: Effect of Temperature and Gate Stack'. *International Journal of VLSI Design & Communication Systems*. 2: 3: 185-200.

Rathi, S., Gupta, M. and Gupta, R.S. 2012. Gate-Geometric Recessed Nano-scale In_{0.52}Al_{0.48}As-In_{0.53}Ga_{0.47}As Double-Gate HEMT for High Breakdown IEEE Transaction on Device and Material Reliability. 12:1: 139-145.

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2011. 'Impact of Interface Fixed Charges on the Performance of the Channel Material Engineered Cylindrical Nanowire MOSFET'. *International Journal of VLSI Design & Communication Systems* . 2:3, 225-241.

Papers in International Conferences

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. OPTICS'11- A Conference on Light 'High Sensitivity Photodetector Using Si/Ge/GaAs Metal Semiconductor Field Effect Transistor (MESFET)', Kerala, 23-25 May 2011.

2011. International Conference on microwave and Optical technology (*ISMOT 2011*) 'Impact of Localized Charges on RF and Microwave Performance of Nanoscale Surrounding Cylindrical Gate MOSFET', (Prague) 20-23 June, Czech Republic, EU.

The Second International workshop on VLSI (VLSI 2011), 'Channel Material Engineered Nanoscale Cylindrical Surrounding Gate MOSFET With Interface Fixed Charges', Chennai, 15-17 July 2011.

VLSI Design And Test Symposium (VDAT-2011) 'A Wide Temperature Range (50-500K) Analysis For Nanoscale Surrounding Cylindrical Gate MOSFET With Localised Charges', Pune, 7-9 July 2011.

International Conference on materials for advanced technologies (ICMAT 2011) 'SiGe Metal Semiconductor Field Effect Transistor (MESFET) Photodetector Having Tailorable Photoresponse Using Bandgap Engineering Singapore, 26 June-1 July 2011.

Ghosh, P., Haldar, S., Gupta, R.S. and Gupta, M. 2011. International Conference on 'Microwave and Optical technology (ISMOT-2011)'. *Analytical modeling of channel noise for gate material engineered surrounded/cylindrical gate (SGT/CGT) MOSFET*, Prague, Czech Republic, EU, 20-23 June 2011.

Malik, P., Chaujar, R., Gupta, M. and Gupta, R.S. 2011. International Conference on microwave and Optical technology (ISMOT-2011) 'RF Performance of Gate Material Engineered Trapezoidal Recessed Channel (GME-TRC) MOSFET for Microwave design', Prague, Czech Republic, EU, 20-23 June 2011.

Bhattacharya, M., Jogi, J., Gupta, R.S. and Gupta, M. 2011. International Conference on microwave and Optical technology (ISMOT 2011) 'A Comprehensive Analytical Approach for drain-noise source and gate-noise source modeling of InAlAs/InGaAs DG-HEMT', Prague, Czech Republic, EU, 20-23 June 2011.

Kumari, V., Saxena, M., Gupta, R.S. and Gupta, M. 2011. International Conference on microwave and Optical technology (ISMOT 2011) 'Comparative Study of Dielectric Pocket (DP) MOSFET Incorporating Buried Oxide Layer (BOX) with DP MOSFET for RF Applications', Prague, Czech Republic, EU, 20-23 June 2011.

International Conference on Material For advanced Technologies (ICMAT-2011), 'Simulation Study of Insulated Shallow Extension Silicon On Nothing (ISESON) MOSFET for High Temperature Applications', Singapore, 26 June–1 July 2011.

VLSI Design and Test symposium (VDAT-2011). 'Analog Performance of Insulated Shallow Extension Silicon On Nothing (ISE-SON) MOSFET: Simulation study', Pune, 7–9 July 2011.

Kumari, V., Arora, M., Saxena, M., Gupta, R.S. and Gupta, M. International Conference on Microwave, Antenna, Propagation and Remote Sensing. 'Drain Current Model of Nanoscale Dual Material Gate (DMG) MOSFET including interfacial hot-carrier-induced degradation effect', Jodhpur, 7-10 December 2011.

Aggarwal, R., Agrawal, A., Gupta, R.S. and Gupta, M. 2011. International Conference on 'Microwave and Optical technology (ISMOT 2011)' Effect of Gate Length Scaling on the Linearity Characteristics of AlGaN/GaN MISHFET: An Analytical study (Prague) 20-23 June, Czech Republic, EU.

Bhattacharya, M., Jogi, J., Gupta, R.S. and Gupta, M. International Symposium on Models and Modeling Methodologies in Science and Engineering (IS-MMMSe 2011) 'An Analytical study of the impact of gate-bias on the scattering parameters of a symmetric tied-gate InAlAs/InGaAs DG-HEMT' Florida, USA, 19-22 July 2011.

IEEE (TENCON 2011) 'A Comprehensive Analytical approach for the evaluation of the P, R and C noise coefficients of InAlAs/InGaAs DG-HEMT', Bali, Indonesia, 21-24 November 2011.

Ghosh, P., Haldar, S., Gupta, R.S. and Gupta, M. Asia Pacific Microwave Conference. 'A Small Signal Intrinsic Equivalent Circuit Model for Cylindrical/Surrounded Gate MOSFET for Microwave Frequency Applications', Melbourne, Australia, 5-8 December 2011.

International Semiconductor Device Research Symposium, 'Analytical Modeling and Simulation for Dual metal Symmetrical Gate Stack Cylindrical/Surrounded Gate MOSFET', College Park, Maryland, USA, 7-9 December 2011.

International Workshop on Physics of Semiconductor Devices, 'Linearity performance and Intermodulation distortion Analysis of Gate Material Engineered Cylindrical Gate MOSFET', Kanpur, 19-22 December 2011.

Bhattacharya, M., Jogi, J., Gupta, R.S. and Gupta, M. 2011. International Workshop on Physics of Semiconductor Devices, 'A comprehensive charge control based analysis of the effect of Donor-layer doping and donor-layer thickness on the P, R and C noise coefficients of a symmetric tied-gate InAlAs/InGaAs DG-HEMT', Kanpur, 19-22 December 2011.

Kumari, V., Arora, M., Saxena, M., Gupta, R.S. and Gupta, M. 2011. International Workshop on Physics of Semiconductor Devices, 'Digital Circuit Analysis of Insulated Shallow Extension Silicon On Void (ISESOV) FET for Low Voltage Applications', Kanpur, 19-22 December 2011.

International Conference on Nano Science and Technology, '*Nano-scale Empty Space in Double Gate (ESDG) MOSFET for High Performance Digital Applications: A Theoretical Study*', Hyderabad, 20-23 January 2012.

IEEE International Conference on Devices, Circuits and Systems, '*Laterally Asymmetric Channel Insulated Shallow Extension Silicon On Nothing LAC-ISE-SON MOSFET for Improved Reliability and Digital Circuit simulations*', Coimbatore, Tamilnadu, 15-16 March 2012.

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2011. International Workshop on Physics of Semiconductor Devices, '*Influence of Localised charges on the temperature sensitivity of Si nanowire MOSFET*', Kanpur, 19-22 December 2011.

IEEE International Conference on Devices, Circuits and Systems, '*Impact of Localised Charges Present in the Interfacial Layer of the Schottky Contact in SOI MESFET*', Coimbatore, Tamilnadu, 15-16 March 2012.

International Conference on Nano Science and Technology, '*Temperature dependent RF/microwave characteristics of nanowire surrounding gate mosfet with localized charges*', Hyderabad, 20-23 January.

Narang, R., Saxena, M., Gupta, R.S. and Gupta, M. IEEE International Conference on Devices, Circuits and Systems, '*Asymmetric Gate Oxide Tunnel Field Effect Transistor for Improved Circuit Performance*', Coimbatore, Tamilnadu, 15-16 March 2012.

International Conference on 'Nano Science and Technology', '*Dynamic Performance Comparison of p-i-n and p-n-p-n Tunnel Field Effect Transistor and Impact of Gate Drain underlap*', Hyderabad, 20-23 January 2012.

International Workshop on 'Physics of Semiconductor Devices', '*An Analytical Modeling Approach for a Gate All Around Tunnel Field Effect Transistor*', Kanpur, 19-22 Dec. 2011.

The Second International Workshop on VLSI 2011, '*Effect of Temperature and Gate Stack on the Linearity and Analog Performance of Double Gate Tunnel FET*', Chennai, 15-17 July 2011.

VLSI Design And Test Symposium (VDAT-2011) '*Investigation of Linearity Performance of a Double Gate Band to Band Tunnel Field Effect Transistor*', Pune, 7-9 July 2011.

International Conference on Material for Advanced Technologies, '*Immunity Against Temperature Variability and Bias Point Invariability in Double Gate Tunnel Field Effect Transistor*', Singapore, 26 June–1 July 2011.

International Conference on microwave and Optical technology (ISMOT 2011) '*RF Performance Analysis of Double Gate Tunneling Field Effect Transistor (DG-TFET)*', Prague, Czech Republic, EU, 20-23 June 2011.

GENETICS

Major Activities

The research activities of the Department are of a varied nature, covering the frontier areas of Genetics. **Prof. Srivastava's** lab has been investigating plant-microbe interactions in terms of plant growth promotion, encompassing genetic and functional basis of phytohormone IAA biosynthesis and biocontrol properties in *Azospirillum brasilense* SM and *Pseudomonas fluorescens* Psd. Genetically modified strains with better performance have been generated. Another study deals with a peptide antibiotic that has been isolated, purified and characterized from lactic acid bacteria. This study has provided some important leads for further development of this peptide for future applications.

Prof. Pental's and **Prof. Pradhan's** labs are actively involved in molecular mapping and marker assisted breeding in oilseed mustard *Brassica juncea*. The lab has constructed a high density integrated map consisting of more than 2500 markers and also a comparative molecular map in *B. juncea* using single copy genes from *Arabidopsis thaliana*. Two independent loci have been mapped in two east European lines of *B. juncea* governing resistance to white rust disease using these maps. The future work aims at tagging genes for oil content, fatty acid biosynthesis, yield components and isolation and identification of candidate genes conferring resistance to *Alternaria* blight, white rust and some important yield components. In this regard, next generation sequencing (NGS) techniques are being used to generate more markers in *B. rapa* and *B. juncea*. As a tangible product, the lab has been successful in developing the first mustard hybrid in the country which was released in 2008 by Ministry of Agriculture, Government of India for commercial cultivation in the mustard growing areas of north-western India. Another mustard hybrid based on transgenic technology is undergoing bio-safety analysis for its future release in the farmers field.

The main aim of **Prof. Rajam's** research is to develop transgenic tomato, brinjal, cauliflower, okra, rice and cotton plants for disease, insect and nematode resistance through plant RNAi-mediated silencing of vital genes of pathogens and pests. Virus resistant sweet orange, and slow ripening and male sterile transgenic tomatoes are also being developed using RNAi strategies. Targeting of fungal and insect polyamine biosynthesis gene and other genes by siRNAs for their control and marker-free transgenic tomato plants for stress tolerance are some of the significant achievements.

Attempts to understand biology of complex disorders such as Rheumatoid arthritis and ulcerative colitis by whole genome analysis and identifying novel pathways, so as to develop new drug molecules is one of the major activities in **Prof. Theilms's** lab. An interdisciplinary approach fostering different disciplines is being undertaken to achieve the objectives. A few putative X-linked loci for mental retardation have been found in the ongoing projects.

The research interests of **Dr. Burma's** group is to analyze ways and means of enhancing and stabilizing expression of transgenes in plants by modulation of post-transcriptional events. Constructs for high expression of transgene in plants have been developed. A 'barnase-barstar' based technology is also being used for hybrid seed production in plants.

Dr. Sarkar's research primarily focuses on harnessing the power of *Drosophila* genetics to address some basic questions in developmental biology and for exploring the cellular and developmental basis of some fatal human diseases and aging process. *Drosophila* culture facility has been established in the Department and being utilized for teaching and research purposes.

The main focus of **Dr. Kaur's** lab is to understand the plant-pathogen interactions, using *Arabidopsis thaliana*–*Alternaria brassicae* phyto-pathosystem, at molecular genetic level. **Dr. Aruna Devi's** lab main interest is in the area of transcription and its regulation, especially in elucidating the role of bZIP transcription factors and other proteins involved in differential expression of genes accompanying morphogenesis and cell differentiation in a model organism, *Dictyostelium discoideum*.

Dr. Tapasya Srivastava's lab is interested in studying the various mechanisms, which contribute to induction of genomic instability in primary tumors and in model systems, which mimic the tumor microenvironment. The lab uses hypoxia as a model of cellular stress and study its implications in stress induced molecular and cellular changes in the tumor cell.

Dr. Kaustav's lab is focused on using molecular, genetic and biochemical approaches in deciphering the role of a novel class of GTPases that are involved in mitochondrial ribosome biogenesis in a model organism, *Saccharomyces cerevisiae*.

Ph.D. Degrees awarded

Ph.D. - 4

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Purification and Application of a Bacteriocin produced by Environmental Isolate of <i>Lactobacillus plantarum</i> .	Dr. S. Srivastava	CSIR
Metagenomic Analysis to Identify a Novel Antimicrobial Function.	Dr. S. Srivastava	DBT
Genetic Evaluation of Biocontrol Properties of <i>Ps. fluorescens</i> strains.	Dr. S. Srivastava	DST
Development of a Beningant Microbial Consortium for Plant growth promotion.	Dr. S. Srivastava	DBT
Subtilisin-gamma glutamyl transpeptidase, a novel keratinolytic complex for prospective ungula drug delivery: Experiession and protein-protein interaction.	Dr. S. Srivastava	DU-DST Purse

To conduct confined field trials and biosafety studies on genetically engineered <i>Brassica juncea</i> (male sterility and restorer lines as pollination control mechanism) for heterosis breeding and yield improvement.	Dr. A.K. Pradhan	DBT-BIPP
Identification and manipulation of genetic factors involved in seed yield and oil content in rapeseed and mustard.	Dr. A.K. Pradhan	DBT
Silencing of Vital Genes (Acetylcholinesterase, ornithine decarboxylase and chitin synthase) of Cotton Bollworm by Plant-mediated RNAi for developing Insect Resistant Transgenic Cotton.	Dr. M.V. Rajam	DBT
Genetic Engineering of Tomato for Fungal Resistance Through RNAi - mediated Suppression of Fungal Ornithine Decarboxylase Gene.	Dr. M.V. Rajam	DBT
RNAi-mediated silencing of a key polyamine biosynthesis gene, ornithine decarboxylase for the control of fungal pathogens and cancer growth <i>in vitro</i> and <i>in vivo</i> .	Dr. M.V. Rajam	DST
Development of insect resistant cauliflower and okra using RNAi strategies.	Dr. M.V. Rajam	DU-DST Purse and Bejo Sheetal Seeds
Development of transgenic tomato resistant to fruit borer (<i>Helicoverpa armigera</i>) Through RNA interference.	Dr. M.V. Rajam	Sri Biotech Lab. India Ltd.
Control of shoot and fruit borer insect pest (<i>Leucinodes orbonalis</i> Guenee) in Brinjal through RNA interference.	Dr. M.V. Rajam	DBT-BIPP and Sri Biotech Lab. India Ltd.
Unraveling Monogenic Causes of Mental Retardation using contemporary tools.	Dr. B.K. Thelma	DBT

Celiac Disease Consortium.	Dr. B.K. Thelma	Celiac Disease Consortium, Netherlands
IBD Consortium.		
Novel approaches for production of hybrid seeds with characteristics of improved resistance and higher yield – cotton component.	Dr. P.K. Burma	CSIR/NIMITLI
Comparative analysis of expression of <i>cry1Ac</i> gene in different cotton transgenic events commercialized in India.	Dr. P.K. Burma	DU-DST Purse
Studies on the role of Forkhead Transcription Factor (FOXO) in aging and neurogenesis in <i>Drosophila</i> .	Dr. S. Sarkar	DBT
Characterizing Novel Globins Across Species and Deciphering their Stress Response and Interacting Partners: An Integrated, Holistic Approach for Function Elucidation.	Dr. S. Sarkar	DU-DST Purse
Characterizing novel globins across species and deciphering their stress response and interacting partners: An integrated holistic approach for function elucidation.	Dr. Jagree Kaur	DU-DST Purse
Dissecting the molecular mechanisms underlying the early stages of resistance in a plant-necrotroph interaction using a reporter expression system.	Dr. Jagree Kaur	DBT (RGYI)
Role of HDAC inhibitor(s) in modulating the response to chemotherapeutic agent(s) in cancer cells.	Dr. Tapasya Srivastava	DST
Role of bZIP transcription factors in <i>Dictyostelium discoideum</i> .	Dr. Aruna Devi Naorem	DST
PGPR- mediated Zinc Biofertilization of soil and its Application to some crop plants.	Dr. S. Srivastava	DBT

Appointments of faculty members to higher Posts/Assignments

Dr. Tapasya Srivastava: Recommended by the University of Delhi to enroll for a one-year PG Diploma course (in addition to her teaching and research commitments) on Bioethics conducted by IGNOU through an ICMR-NIH initiative to train researchers, scientists and health professionals in Bioethics.

Prof. M.V. Rajam: Member of the Task Force Committee on RNA interference of the DBT (Govt. of India), New Delhi; Member, RGYI, DBT, New Delhi; Member of the Special Committee of the School of Life Sciences, JNU; Member of the Advisory Committee of the 'Bejo Sheetal Bioscience Foundation', Jalna, MR. Convenor of the Committee of Courses for CBSE Class XI & XII Biotechnology course.

Prof. B.K. Thelma: Member, Science and Engineering Research Board.

Honours/Distinctions

Prof. M.V. Rajam: Fellow of The National Academy of Agricultural Sciences, New Delhi.

Award of 'Shiksha Rattan Puraskar' by the India International Friendship Society, New Delhi, 2011.

Prof. B.K. Thelma: J.C. Bose Fellow.

Dr. Tapasya Srivastava: Indo-US Science and Technology Fellowship 2011 for conducting research work at Masonic Cancer Center, University of Minnesota, USA.

Seminars/Conferences attended

Prof. M.V. Rajam: Indo-German Research Dialogue meeting, India International Centre, 20 February 2012.

National Seminar on Current Trends in Secondary Plant Metabolites Research, Hamdard University, New Delhi, 19-20 March 2012.

National Seminar on Medicinal Plants Research in India, Hamdard University, New Delhi, 16-17 March 2012.

National Science Day Symposium 2012, University of Delhi, 27-28 February 2012.

Prof. M.V. Rajam and Prof. A.K. Pradhan: International Conference on Plant Biotechnology for Food Security: New Frontiers. Society for Plant Biochemistry and Biotechnology, National Research Centre on Plant Biotechnology and IARI, New Delhi, 21-24 February 2012.

Dr. Tapasya Srivastava: International Symposium on Cancer Genomics and Its Impact in the Clinics at ACTREC, Navi Mumbai, January 2012.

Dr. Surajit Sarkar: XXXV All India Cell Biology Conference and Symposium on Membrane Dynamics and Disease at National Institute of Science Education and Research, Bhubaneswar, India, 16-18 December 2012.

Publications

Books

Rajam, M.V. 2011. Convenor, Editor and Author for the revised and 2nd Edition of the CBSE Class XI & XII Biotechnology Text Books and Lab Manuals.

Research Articles

Hazarika, P. and Rajam, M.V. 2011. 'Biotic and abiotic stress tolerance in transgenic tomatoes by constitutive expression of S-adenosylmethionine decarboxylase gene'. *Physiol. Mol. Biol. Plants*, 17: 115-128.

Terenius, O., Papanicolaou, A., Garbutt, J.S., Eleftherianos, I. and Rajam, M.V., et al. 2011. 'RNA interference in Lepidoptera: An overview of successful and unsuccessful studies and implications for experimental design'. *J. Insect Physiol.* 57: 231-245.

Singh, N. and Rajam, M.V. 2011. RNA interference and Functional Genomics in Fungi. In *Microorganisms in Sustainable Agriculture and Biotechnology* (eds) Satyanarayana, T. et al., Springer, pp. 773-792.

Rajam, M.V. 2011. RNA interference: A new approach for the control of fungal pathogens and insects. In *Proceedings of the National Symposium on 'Genomics and Crop Improvement: Relevance and Reservations'* at Acharya N.G. Ranga Agriculture University, pp. 220-229.

2011. Engineering fungal resistance: Promises of RNAi. *Proceedings of the National Symposium on 'Molecular Approaches for Plant Fungal Disease Management'*, Indian Institute of Horticultural Research, Bangalore, pp. 119-132.

Trynka, G., Hunt, K.A., Bockett, N.A., Thelma, B.K., et al., 2011. 'Dense genotyping identifies and localizes multiple common and rare variant association signals in celiac disease'. *Nat. Genet.* DOI: 10.1038/ng.998. [Epub ahead of print].

Prasad, P., Kumar, A., Gupta, R., Juyal, R.C. and Thelma, B.K. 2012. 'Caucasian and Asian specific rheumatoid arthritis risk loci reveal limited replication and apparent allelic heterogeneity in north Indians'. *PLoS One* 7.

Mittal, K., Kabra, M., Juyal, R. and Thelma, B.K. 2011. *De novo* deletion in MECP2 in a monozygotic twin pair: a case report. *BMC Med Genet.* 12: 113. PubMed PMID: 21871116; PubMed Central PMCID: PMC3176152.

Indhumathi, N., Singh, D., Chong, S.S., Thelma, B.K., Arabandi, R. and Srisailpathy, C.R. 2012. 'Fragile X CGG repeat variation in Tamil Nadu, South India: a comparison of radioactive and methylation-specific polymerase chain reaction in CGG repeat sizing. *Genet. Test Mol. Biomarkers* 16: 113-122. Epub 2011 Oct 24.

- Punia, S., Das, M., Behari, M., Dihana, M., Govindappa, S.T., Muthane, U.B., Thelma, B.K. and Juyal, R.C. 2011.** Leads from xenobiotic metabolism genes for Parkinson's disease among north Indians. *Pharmacogenet. Genomics*.
- Negi, S., Kumar, A., Thelma, B.K. and Juyal, R.C. 2011.** 'Association of Cullin1 haplotype variants with Rheumatoid Arthritis and response to Methotrexate'. *Pharmacogenet. Genomics*, 21: 590-593.
- Mittal, K., Gupta, N., Kabra, M., Juyal, R. and Thelma, B.K. 2011.** 'Distinct *de novo* deletions in a brother-sister pair with RTT: A case report'. *Am. J. Med. Genet. B: Neuropsychiatr. Genet.* 156B: 859-863.
- Thomas, P., Chandra, A., Bhatia, T., Mishra, N.N., Sharma, V.R., Gauba, D., Wood, J., Chowdari, K., Semwal, P., Thelma, B.K., Nimgaonkar, V.L. and Deshpande, S.N. 2011.** 'Clinical and genetic correlates of severity in schizophrenia in India: An ordinal logistic regression approach'. *Psychiatry Res.* 189: 321-323.
- Juyal, G., Prasad, P., Senapati, S., Midha, V., Sood, A., Amre, D., Juyal, R.C. and Thelma, B.K. 2011.** An investigation of genome-wide studies reported susceptibility loci for ulcerative colitis shows limited replication in north Indians. *PLoS One* 6.
- Stuttman, J., Hubberten, H.M., Rietz, S., Kaur, J., Muskett, P., Guerois, R., Bednarek, P., Hoefgen, R. and Parker, J.E. 2011.** 'Perturbation of Arabidopsis amino acid metabolism causes incompatibility with the adapted biotrophic pathogen *Hyaloperonospora arabidopsidis*'. *Plant Cell*, 23: 2788-2803.
- Sarkar, S., Singh, M.D., Yadav, R. and Pittman, G.W. 2011.** 'Heat shock proteins: Molecules with assorted functions'. *Front. Biol.* 6: 312-327.
- Jagannath, A., Sodhi, Y.S., Gupta, V., Mukhopadhyay, A., Arumugam, N., Singh, I., Rohtagi, S., Burma, P., Pradhan, A.K. and Pental, D. 2011.** 'Eliminating expression of erucic acid-encoding loci allows the identification of 'hidden' QTL contributing to oil quality fractions and oil content in *Brassica juncea* (Indian mustard)'. *Theor. Appl. Genet.* 122: 1091-1103.
- Pradhan, A.K. and Pental, D. 2011.** Genetics of *Brassica juncea*. In Schmidt, R. and Bancroft, I. (eds), Genetics and Genomics of the *Brassicaceae*, Springer International. pp. 323-345.
- Rawat, P., Singh, A.K., Ray, K., Chaudhary, B., Kumar, S., Gautam, T., Kanoria, S., Kaur, G., Kumar, P., Pental, D. and Burma, P.K. 2011.** 'Detrimental effect of expression of *Bt* endotoxin Cry1Ac on *in vitro* regeneration, *in vivo* growth and development of tobacco and cotton transgenics'. *J. Biosci.* 36: 363-376.
- Bhullar, S., Datta, S. and Burma, P.K. 2011.** 'Delayed *trans*-inactivation of synthetic domain 35S promoters by 'tobacco 271 locus' due to reduced sequence homology'. *Plant Mol. Biol. Rep.* 29: 1-11.

Srivastava, S., Sinha, V., Vaishnavi, A., Kunwar, T. and Tigga, R.S. 2012. Regulation of antibiotic production in biocontrol strains of *Pseudomonas* spp. In: Microorganisms in Sustainable Agriculture and Biotechnology (eds) Satyanarayana, T., Johri, B.N. and Prakash, A., *Springer Science*. pp. 197-226.

Dhir, B. and Srivastava, S. 2012. 'Disposal of metal treated *Salvinia* biomass in soil and its effect on growth and photosynthetic efficiency of wheat'. Intern. J. Phytoremediation, 14: 24-34.

2011. 'Heavy metal removal from a multi-metal solution and waste-water by *Salvinia natans*'. *Eco. Eng.* 37: 893-896, DOI: 10-1016/j-ecoleng. 2011.01. 007.

Kochar, M. and Srivastava, S. 2012. 'Surface colonization by *Azospirillum brasilense* SM in the indole-3-acetic acid dependent growth improvement of sorghum'. *J. Basic Microbiol.* 52: 123-131.

Kochar, M., Upadhyay, A. and Srivastava, S. 2011. 'Indole-3-acetic acid biosynthesis in the biocontrol strain *Pseudomonas fluorescens* strain Psd and plant growth regulation by hormone over-expression'. *Microbiol. Res. Microbiol.* 162: 426-435.

MICROBIOLOGY

Major Activities

The production of butanol, cellulose and shikimic acid in submerged fermentation has been scaled up. Lipase mediated industrially important reactions have been optimized and scaled up to 250g for acylation and deacylation of 7,8-dihydroxy-4-methylcoumarin.

A thermophilic bacterium was isolated from high temperature compost and identified as *Geobacillus thermodenitrificans* by polyphasic approach, this strain produces neutral xylanase. A strain of *Bacillus halodurans* was isolated from Lonar Lake sediment which produces alkaline α -amylase and carbonic anhydrase in submerged fermentation. Genes encoding thermo-alkali-stable xylanase and thermostable amylopullulanase, and acid stable α -amylase of *Geobacillus thermoleovorans* and *Bacillus acidicola* have been cloned and expressed, respectively. α -Carbonic anhydrase of *Bacillus pumilus* was cloned and expressed. The exochitinase of *Myceliophthora thermophila* has been shown to be useful in the biocontrol of insects and nematodes.

Suppression subtractive hybridization between clinical and non-clinical strains of *Yersinia enterocolitica* isolated from India revealed genes specific to clinical strains. The study of the various cytokines in response to two clonal groups of *Yersinia* showed that the differences were not significant. Approximately 80% of the Indian strains of *Y. enterocolitica* were shown to harbor the mucoid factor gene (*MyfA*). The sorbitol fermenting and non-fermenting strains of *E. coli* isolated from sewage-contaminated wastewater are being characterized to phylogroups by the detection of three genomic elements by PCR amplification and sequencing of the amplicons.

The pilot scale processes for production of xylanase and laccase enzymes have been developed and their application in bleaching of kraft pulp was confirmed. Successfully evaluated improved fungal fermented animal feed both *in vitro* and *in vivo* in buffalo revealed that the fermented feed was able to replace almost 50% of the concentrate used for feed development and resulted in better weight gain. A pilot scale process for the production of bioethanol from plant residues has been demonstrated at 50 L scale. The process for increasing sugar concentration in cellulosic hydrolysate has been developed and patented.

Genome wide survey of *Yarrowia lipolytica* revealed 25 putative lipases. Out of which six lipases namely Lip2, Lip11, Lip12, Lip8, Lip14 and Lip18 have been cloned, expressed in *E.coli* HB101 pEZZ18 host vector system. Their detailed comparative biochemical characterization and thermal kinetics were carried out. α -glutamyl transpeptidase gene from a thermoacidophilic archaeon *Picrophilus torridus* and *Bacillus pumilus* were also cloned, expressed using *E. coli* pET 51b+ expression system. The enzymes were biochemically characterized with respect to pH, temperature and substrate specificity and used for synthesis of α -glutamyl peptides.

Characterization of *Leishmania donovani* MCM4 showed that while it broadly resembles other eukaryotes, noteworthy differences exist. MCM4 is constitutively nuclear, signifying that, unlike in *S.cerevisiae*, varying subcellular localization of MCMs is not a mode of replication regulation in *Leishmania*. Overexpression of MCM4 in *Leishmania* promastigotes causes progress through S phase faster than usual. We find for the first time in eukaryotes, an interaction between any of the proteins of the MCM 2-7 (MCM4) and PCNA. MCM4 colocalizes with PCNA in S phase cells, a novel observation in eukaryotes undergoing conventional DNA replication, in keeping with the MCM complex being involved not only in replication initiation, but fork elongation as well. Analysis of LdMCM4 mutant indicated that MCM4 and PCNA interact via the PIP box motif of MCM4, and suggests that the interaction is important for cell viability. Promoter reporter tools for studying mycobacterial gene expression have been developed, Genome-wide transcriptional profiling of *Mycobacterium tuberculosis* to understand bacterial responses to stress has been carried out.

The cloning and expression work for recombinant hIL-7 and hIL-3 has been accomplished and scaleup studies are in progress. Work on scFv production against hGM-CSF in *Pichia* expression system has also been started.

The work on the role of modulator of inflammation Cox-2 on control of Epstein Barr virus reactivation in latently infected cells has been initiated. The protocol for reactivation of virus in latently infected cells and the detection of virus from the cell culture supernatant was standardized. The optimum dose of LPS for reactivation was experimentally deduced. The Cox-2 inhibitor NS-398 was used to demonstrate the specific role of Cox-2 in reactivation of virus from latency.

Ph.D. Degrees awarded

Ph.D. - 3

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Butanol from sustainable sources.	Prof. R.K. Saxena	DST
BSR- One time grant.	Prof. R.K. Saxena	UGC
Comparative genomics of β -lactamases including <i>in silico</i> analysis to identify sequences for β -lactamase inhibitors.	Prof. J.S. Viridi	ICMR
Relationship between immune response and clonal groups of clinical & non-clinical strains of <i>Y. enterocolitica</i> .	Prof. J.S. Viridi	ICMR
Detection and analysis of emerging water-borne pathogens in the river Yamuna.	Prof. J.S. Viridi	DST-Purse
Cloning, expression and structure – function of amylopullulanase of <i>Geobacillus thermoleovorans</i> .	Prof. T. Satyanarayana	DU- DST-Purse
Cloning and expression of α -amylase of <i>Geobacillus thermoleovorans</i> .	Prof. T. Satyanarayana	CSIR
Recovery, cloning and expression of xylanolytic genes from metagenomic DNA.	Prof. T. Satyanarayana	DBT
BSR- One time grant.	Prof. T. Satyanarayana	UGC
Process development and application of pectinase for retting of plant fibres in collaboration with Jay biozyme Technologies, Pune.	Prof. R.C. Kuhad	DBT under SBIRI programme.
Characterization of the DNA replication proteins Cdc6/ORC1 and MCM in the archaeon <i>Picrophilus torridus</i> .	Dr. Swati Saha	DST
Cloning Expression and bioprocess optimization of recombinant human interleukin -7 (hIL-7) in <i>Pichia pastoris</i> yeast expression system.	Dr. Swati Saha	DBT
Mechanism of EBV latency Control by inflammation.	Dr. Rajeev Kaul	DBT

Virus Biome.	Dr. Rajeev Kaul	DU-DST Purse
<i>Programmes taken up involving inter-institutional collaboration</i>		
Cellulose hydrolysis and its fermentation to hydrogen.	Prof. R.C. Kuhad	Instt. of Genomics & Integrated Biology.
Production of Butanol from cellulosic hydrolysate.	Prof. R.C. Kuhad	Tampere University of Tech., Finland
Diversity of archaea and bacteria.	Prof. T. Satyanarayana, Prof. R.C. Kuhad Prof. J.S. Viridi	R.D. University and MDS University
Development of immobilized carbonic anhydrase process for carbon sequestration.	Prof. T. Satyanarayana	NEERI, R.D. University and BHU

Appointments of faculty members to higher Posts/Assignments

Prof. J.S. Viridi: Guest Faculty, Indian Agricultural Research Institute, New Delhi; Member, Board of Studies in Microbiology, Thapar University, Patiala; Member, Board of Studies in Biotechnology, Panjab Technical University, Jalandhar; Member, Board of Studies in Microbiology, Himachal Pradesh University, Shimla; Member, Academic Committee, Institute of Microbial Technology, Chandigarh.

Prof. T. Satyanarayana: Member of the Management Board of Centre for Excellence in Marine Microbiology at Goa University on behalf of The Ministry of Earth Sciences; Member of the DBT Task Force, Energy Biosciences; Member of the Board of Directors of Biotech Resource Society of India; Expert of the University Research Board of Thapar University, Patiala for Biotechnology; Member of Research Degree Committee of Botany at Dayal Bagh University, Agra; Member of Faculty of Sciences of Jamia Millia Islamia, New Delhi; Member of the Area Review Panel-CRS of DBT; Member of the Inter Disciplinary Research Committee of RGYI of DBT.

Prof. R.C. Kuhad: Member-DBT-Animal Biotechnology Task Force Ministry of Science and Technology; Expert Member, Steering Committee for the Center of Excellence Programme of the Ministry of Environment and Forest, Govt. of India at CEMDE, DU; Member-Board of Research Studies in Microbiology at Maharishi Dayanand University, Rohtak; Member-Board of Research Studies in Biotechnology, DCRUST, Murthal, Sonapat; Member-Board of Research Studies in Microbial Biotechnology and Biotechnology, AMITY University, Noida UP; Member-UGC Steering Committee on developing courseware E-content for P.G. subjects; Member, Research Degree Committee, Meerut University, Meerut; Member, Academic advisory Committee, Jawaharlal Nehru University, New Delhi; Member, Executive Council, DCRUST, Murthal; Member, Academic Council, MD University, Rohtak; Member, Research Degree Committee, Punjab University, Chandigarh.

Honours/Distinctions

Prof. R.K. Saxena: The work on microbial cellulose and shikimic acid was appreciated and selected at regional level (Northern zone) in i3 National fair organized by DST, Agilent Technologies and Confederation of Indian Industries at University of Delhi South Campus, New Delhi, 4 November 2011.

Successfully achieved the 1st position in the National level for Young Indian Next Practices Award (2011) in i3 National Fair organized by DST, Agilent Technologies, and Confederation of Indian Industries. 2011' held at The Lalit Hotel, New Delhi, 16 Nov. 2011.

Successfully achieved the 2nd Position at National level for India Innovation Initiative (2011) award organized by DST, Agilent Technologies, and Confederation of Indian Industries. 2011' held at The Lalit Hotel, New Delhi, 16 November 2011.

Best Poster Award (2011) on 'Qualitative and Quantitative screening of shikimic acid producing bacteria' in the international Conference 'New Horizons in Biotechnology' organized by 'Board of Research Society of India', Trivanthapuram, 21-24 Nov. 2011.

Best Poster Award (2011) on 'Production of Microbial cellulose by a bacterium isolated from fruit' in the international Conference 'New Horizons in Biotechnology' organized by 'Board of Research Society of India', Trivanthapuram, 21-24 November 2011.

Prof. T. Satyanarayana: Invited to deliver lectures in the UGC lecture series at NEHU Shillong and Vidyasagar University, Midnapur.

Prof. R.C. Kuhad: President, Association of Microbiologists of India.

AMI-Titan Biotech Award (2011) for over all achievements in Microbiology.

Member, Merck-Millipore India Innovation Award Selection Committee.

Seminars/Conferences attended

Prof. R.K. Saxena: International Conference Russian-Indian Symposium on Glycosciences held at N.D. Jelinsky. Institute of Organic Chemistry, Moscow, 13-16 June 2011.

International Conference New Horizons in Biotechnology organized by Board of Research Society of India', Trivanthapuram, 21-24 November 2011.

Dr. Rajeev Kaul: Young Investigator Meet 2012 held at Lonavala, Maharashtra, 7-11 January 2012.

Seminars/Conferences attended

Prof. Rani Gupta: 4th Congress of European Microbiologists organized by FEMS at Geneva, Switzerland, June 2011.

International Conference on 'Microorganism in Environmental Management and Biotechnology'. Symposium held at Department of Biotechnology and Bioinformatics Centre, Burkhutallah University, Bhopal, July 2011.

Prof. R.C. Kuhad: 4th Interdepartmental Twinning program and minisymposium, held at Tammella, Tampere, Finland, 28 September–2 October 2011.

3rd International Conference on Climate Change and Sustainable Management of Natural Resources, held at ITM University, Gwalior, 5-7 February 2012.

1st Biennial International Congress on Urban Green Spaces at ITC, New Delhi, 5-7 March 2012.

National Seminar on 'Microbes in Human Welfare' at M.D. University, Rohtak.

Prof. J.S. Viridi: Invited Talk National Symposium on Microbes in Agriculture and Disease, Jawaharlal Nehru University, February 2012.

Prof. T. Satyanarayana: Participated, delivered a lecture and chaired a session in 2011 TWAS-ROSEAP Symposium on Industrial Biotechnology Conference at Beijing in August 2011.

Invited to attend and deliver lectures in the National Seminar held at BHU, Varanasi, Anand Engineering College, Agra, JNU, New Delhi and MD University, Rohtak.

Publications

Books

Satyanarayana, T., Johri, B.N. and Prakash, A. 2012. *Microorganisms in Environmental Management*. Springer, Netherlands, p. 819.

2012. *Microorganisms in Sustainable Agriculture and Biotechnology*. Springer, Netherlands, p. 829.

Singh, A., Parmar, N. and Kuhad, R.C. 2011. Bioaugmentation, Biostimulation and Biocontrol. Soil Biology Series. Springer, Verlag, Germany.

Research Articles

Viridi, J.S., Kumar, P., Mallik, S., Bhagat, N. and Gulati, P. 2012. Insights into the genetic relationships between environmental and clinical strains of *Yersinia enterocolitica* biovar 1A. In microorganism in environmental management (eds) Satyanarayana, T., Johri, B.N. and Prakash, A. Springer, pp. 61-80.

Kuhad, R.C., Chandna, P., Lata and Singh, A. 2011. Composting of lignocellulosic waste material for soil amendment. In Bioaugmentation, Biostimulation and Biocontrol Soil Biology Series (Editors) Dr. Ajay Singh, Nagina Parmar and Dr. R.C. Kuhad. Springer Verlag, Germany.

Kuhad, R.C., Gupta, R. and Khasa, Y.P. 2011. Microbial decolorization of colored industrial effluents. *Microorganisms in Environmental Management: Microbes and Environment* (eds) Satyanarayana, T., Johri, B.N. and Prakash, A. Springer, pp. 787-814.

- 2011.** Bioethanol production from lignocellulosics: an overview. Wealth from waste. (eds) Lal, B. and Sarma, P.M., New Delhi: Teri Press, pp. 53-106., 3rd Edition.
- 2011.** Microbial decolorization of colored industrial effluents. Microorganisms in Environmental Management: Microbes and Environment. (eds) Satyanarayana, T., Johri, B.N. and Prakash, A. Springer, Verlag, Germany. pp. 787-814.
- Singh, B. and Satyanarayana, T. 2012.** Plant growth promotion by phytases and phytase-producing microbes due to amelioration in phosphorus availability. In microorganism in environmental management (eds) Satyanarayana, T., Johri, B.N. and Prakash, A.. Springer, pp. 3-15.
- Satyanarayana, T., Sharma, A., Mehta, D., Puri, A.K., Kumar, V., Nisha, M. and Joshi, S. 2012.** Biotechnological applications of biocatalysts from the firmicutes *Bacillus* and *Geobacillus* species. In microorganism in environmental management (eds) Satyanarayana, T., Johri, B.N. and Prakash, A. Springer, pp. 343-379.
- Vohra, A. and Satyanarayana, T. 2012.** Probiotic yeasts. In microorganism in environmental management (eds) Satyanarayana, T., Johri, B.N. and Prakash, A. Springer, pp. 411-433.
- Anand, P. and Saxena, R.K. 2011.** A comparative study of solvent-assisted pretreatment of biodiesel derived crude glycerol on growth and 1,3-propanediol production from *Citrobacter freundii*. *New Biotechnol.* 29(2): 199-205.
- Mathur, D., Bohra, K., Bhatia, S., Kumar, M., Verma, P., Saxena, R.K., Parmar V.S. and Prasad, A.K. 2011.** 'Diastereoselective acetylation studies on 4-C-Hydroxymethyl-1,2-O-isopropylidene-3-O-alkyl- β -L-threo-pentofuranose: Key Precursor for Biocompatible Sugar- PEG Copolymers'. *Trends Carbohydr. Res.* 3(4): 41-48.
- Saxena, R.K., Misra, S., Rawat, I., Gupta, P., Dutt, K. and Parmar, V.S. 2011.** 'Production of 1, 3 regiospecific lipase from *Bacillus* sp. RK-3: Its potential to synthesize Cocoa Butter Substitute'. *Malaysian J. Microbiol.* 7(1): 41-48.
- Misra, S., Gupta, P., Raghuwanshi, S., Dutt, K. and Saxena, R.K. 2011.** Comparative study on different strategies involved for xylitol purification from culture media fermented by *Candida tropicalis*. *Sep. Purif. Technol.* 78 (3): 266-273.
- Anand, P., Saxena, R.K. and Marwah, R.G. 2011.** 'A novel downstream process for 1,3-propanediol from glycerol-based fermentation'. *Appl. Microbiol. Biotechnol.* 90 (4): 1267-1276.
- Raghuwanshi, S., Dutt, K., Gupta, P., Misra, S. and Saxena, R.K. 2011.** '*Bacillus sphaericus*: the highest bacterial tannase producer with potential for gallic acid synthesis'. *J. Biosci. Bioengg.* 111 (6): 635-640.
- Deeba, F., Kumar, V., Gautam, K., Saxena, R.K. and Sharma, D.K. 2012.** 'Bioprocessing of jatropha seed oil and deoiled seed hulls for the production of biodiesel and biogas'. *Biomass & Bioenergy* DOI: 10.1016/j.biombioe.2012.01.2009.

Jahan, F., Kumar, V., Rawat, G. and Saxena, R.K. 2012. 'Production of microbial cellulose by a bacterium isolated from fruit. Appl'. *Biochem. Biotechnol.* DOI 10.1007/s12010-012-9595-x.

Misra, S., Raghuwanshi, S., Pritesh, G. and Saxena, R.K. 2012. 'Examine growth inhibition pattern and lactic acid production in *Streptococcus mutans* using different concentrations of xylitol produced from *Candida tropicalis* by fermentation'. *Anaerobe*, DOI: 10.1016/j.anaerobe.2012.03.001.

Misra, S., Raghuwanshi, S., Gupta, P. and Saxena, R.K. 2012. 'Efficient 1-5 regioselective acylation of primary hydroxyl groups of fermentative derived xylitol catalyzed by an immobilized *Pseudomonas aeruginosa* lipase'. *Biotechnol. Bioproc. Engg.* DOI: 10.1007/s12257-011-0491-y.

Misra, S., Raghuwanshi, S., Gupta, P., Dutt, K. and Saxena, R.K. 2012. 'Fermentation behavior of osmophilic yeast *Candida tropicalis* isolated from the nectar of *Hibiscus rosa sinensis* flowers for xylitol production'. *Antonie van Leeuwenhoek, Int. J. Gen. Mol. Microbiol.* 101(2): 393-402.

Verma, D. and Satyanarayana, T. 2011. 'An improved protocol for DNA extraction from alkaline soil and sediment samples for constructing metagenomic libraries'. *Appl. Biochem. Biotechnol.* 165: 454-464.

2012. 'Cloning, expression and applicability thermo-alkali- stable xylanase of *Geobacillus thermoleovorans* in generating xylooligosaccharides from agro-residues'. *Bioresource Technol.* 107: 333-338.

Sharma, A., Kawarabayasi, Y. and Satyanarayana, T. 2012. 'Acidophilic bacteria and archaea: Acidstable biocatalysts and their potential applications'. *Extremophiles*, 16: 1-19.

Kumar, V. and Satyanarayana, T. 2011. 'Applicability of thermo-alkali-stable and cellulase-free xylanase from a novel thermo-haloalkaliphilic *Bacillus halodurans* TSEV1 in producing xylooligosaccharides'. *Biotechnol. Lett.* 33: 2279-2285.

Archana, A. and Satyanarayana, T. 2011. 'Optimization of medium components and cultural variables for enhanced production of acidic high maltose-forming and Ca²⁺ - independent α -amylase 5 by *Bacillus acidicola*'. *J. Biosc. Bioeng.* 111: 550-553.

Yadav, R., Satyanarayana, T., Kotwal, S. and Rayalu, S. 2011. 'Enhanced carbonation reaction using chitosan-based carbonic anhydrase nanoparticles'. *Curr. Sci.* 100: 520-524.

Vohra, A., Kaur, P. and Satyanarayana, T. 2011. 'Production, characteristics and applications of the cell-bound phytase of *Pichia anomala*'. *Antonie van J. Microbiol.* 99: 51-55.

- Singh, B. and Satyanarayana, T. 2011.** 'Microbial phytases in phosphorus acquisition and plant growth promotion'. *Physiol. Mol. Biol. Plants*, 17: 93-103.
2011. 'Phytases from thermophilic moulds: their production, characteristics and multifarious applications'. *Proc. Biochem.* 46: 1391-1398.
- Singh, B., Kunze, G. and Satyanarayana, T. 2011.** 'Developments in biochemical aspects and biotechnological applications of microbial phytases'. *Biotechnology and Molecular Biology Reviews*, 6: 69-87.
- Satyanarayana, T. 2012.** 'Biotechnological applications of thermostable biocatalysts of thermophilic bacteria'. *BRSI News Letter*, 9 (1): 28-31.
- Mallik, S., Virdi, J.S. and Johri, A.K. 2011.** 'Proteomic analysis of arsenite-mediated multiple antibiotic resistance in *Yersinia enterocolitica* biovar 1A'. *J. Basic Microbiol.* 51, 1-8.
- Rajput, R., Sharma, R. and Gupta, R. 2011.** 'Cloning and extracellular expression of a thermostable keratinase from *Bacillus pumilus* KS12 in *E. coli* and its industrially useful properties'. *Biotechnol. Appl. Biochem.* 58: 109-118.
2011. 'Cloning and characterization of a thermostable detergent compatible recombinant keratinase from *Bacillus pumilus* KS12'. *Biotechnol. Appl. Biochem.* 58: 109-118.
- Sharma, R., Murty, N.A.R. and Gupta, R. 2011.** 'Molecular characterization of N-terminal pro-sequence of keratinase Ker P from *Pseudomonas aeruginosa*: Identification of region with chaperone activity'. *Appl. Biochem. Biotechnol.* 165: 892-901.
- Murty, N.A.R., Tiwary, E., Sharma, R., Nair, N. and Gupta, R. 2011.** 'α-Glutamyl transpeptidase from *Bacillus pumilus* KS 12: Decoupling autoprocessing from catalysis and molecular characterization of N-terminal region'. *Enzyme Microbial Technol.* 50: 159-64.
- Rajput, R. and Gupta, R. 2012.** 'Enhance production of recombinant thermostable keratinase of *Bacillus pumilus* KS12 : Degradation of Sup35 NM'. *Research. J. Microbiol.* 6: 839-850.
- Kumari, A. and Gupta, R. 2012.** 'Purification and biochemical characterization of a novel magnesium dependent lipase from *Trichosporon asahii* MSR 54 and its application in biodiesel Production'. *Asian J. Biotechnol.* 4: 70-82.
- Gupta, R., Kumar, S., Gomes, J. and Kuhad, R.C. 2012.** 'Kinetic study of batch and fed-batch enzymatic saccharification of pretreated substrate and their subsequent fermentation to ethanol'. *Biotechnol Biofuels*, 5:16.
- Diwaniyan, S., Sharma, K.K. and Kuhad, R.C. 2011.** 'Laccase from an alkalitolerant Basidiomycetes *Crinipellis* sp RCK-1: Production optimization by response surface methodology'. *J. Basic Microbiol.* 51:1-11.

- Kuhad, R.C., Gupta, R., Khasa, Y.P. and Singh, A. 2011.** 'Bioconversion of pentose sugars to ethanol: Current and Future prospects'. *Renew Sustain Energy Rev.* 15: 4950-4962.
- Kuhad, R.C., Gupta, R. and Singh, A. 2011.** 'Microbial Cellulases and their industrial applications'. *Enzyme Res.* doi:10.4061/2011/280696.
- Deswal, D., Khasa, Y.P. and Kuhad, R.C. 2011.** 'Optimization of cellulase production by a brown rot fungus *Fomitopsis* sp. RCK2010 under solid state fermentation'. *Biore Technol.* 102:6065-72.
- Nagar, S., Mittal, A., Kumar, D., Kumar, L., Kuhad, R.C. and Gupta, V.K. 2011.** 'Hyper production of alkali stable xylanase in lesser duration by *Bacillus pumilus* SV-855 using wheat bran under solid state fermentation'. *New Biotechnol* 28: 581-7.
- Kumar, S., Dagar, S.S., Mohanty, A.K., Sirohi, S.K., Puniya, M., Kuhad, R.C., Sangu, K.P.S., Griffith, G.W. and Puniya, A.K. 2011.** 'Enumeration of methanogens with a focus on fluorescence in situ hybridization'. *Naturwissenschaften.* 98: 457-72.
- Gupta, R., Khasa, Y.P. and Kuhad, R.C. 2011.** 'Evaluation of pretreatment methods in improving the enzymatic saccharification of cellulosic materials'. *Carb Polym.* 84: 1103-1109.
- Gupta, R., Mehta, G., Khasa, Y.P. and Kuhad, R.C. 2011.** 'Fungal delignification of lignocellulosic biomass improves the saccharification of celluloses'. *Biodeg.* 22: 797-804.
- Shrivastava, B., Thakur, S., Khasa, Y.P., Gupte, A., Puniya, A.K. and Kuhad, R.C. 2011.** 'White rot fungal conversion of wheat straw to energy rich cattle feed'. *Biodeg.* 22: 823-31.
- Kuhad, R.C., Gupta, R. and Khasa, Y.P. 2011.** Bioethanol production from lignocellulosics: an overview. *Wealth from waste.* (ed) Lal, B. and Sarma, P.M., New Delhi: Teri press, pp. 53-106., 3rd Edition.
- Kidwai, M., Jain, A., Sharma, A. and Kuhad, R.C. 2012.** 'Ecofriendly approach for detection of phenols in water using laccase from different fungi'. *Water Sci Technol*, 41: 695-706.
- 2012.** 'First time reported enzymatic synthesis of new series of quinoxalines-A green approach'. *J. Mol Cat B: Enz.* 74: 236-240.
- Pundir, C.S., Rawal, R., Chawla, S., Renuka and Kuhad, R.C. 2012.** 'Development of an amperometric polyphenol biosensor based on fungal laccase immobilized on nitrocellulose membrane'. *Artificial Cell Blood Sub Biotechnol.* 40: 163-70.
- Kumar, A., Gupta, R., Shrivastava, B., Khasa, Y.P. and Kuhad, R.C. 2012.** 'Xylanase production from an alkalophilic actinomycete isolate *Streptomyces* sp. RCK-2010, its characterization and application in saccharification of second generation biomass'. *J. Mol Cat B: Enz.* 74:170-177.

- Das, T.K., Banerjee, D., Chakarborty, D., Pakhira, M.C., Shrivastava, B. and Kuhad, R.C. 2012.** 'Saponin: role in Animal System'. *Vet World* 5: 248-254.
- Shrivastava, B., Nandal, P., Sharma, A., Jain, K.K., Khasa, Y.P., Das, T.K., Mani, V., Kewalramani, N.J., Kundu, S.S. and Kuhad, R.C. 2012.** 'Solid state bioconversion of wheat straw into digestible and nutritive ruminant feed by *Ganoderma* sp. rckk02'. *Bioresource Technology*. 107: 347-351.
- Sharma, K.K., Shrivastava, B., Nandal, P., Sehgal, N., Sastry, V.R.B., Kalra, A. and Kuhad, R.C. 2011.** 'Nutritional and toxicological assessment of white-rot fermented animal feed'. *Ind. J. Microbiol.* DOI 10.1007/s12088-011-0222-2.
- Deswal, D., Sharma, A., Gupta, R. and Kuhad, R.C. 2012.** 'Application of lignocellulytic enzymes produced under solid state cultivation conditions'. *Biores Technol.* doi:10.1016/j.biortech.2011.10.028.
- Kumar, D., Minocha, M., Rajanala, K. and Saha, S. 2012.** 'The histone H4 lysine 14 acetylation in *Leishmania donovani* is mediated by the MYST family protein HAT4'. *Microbiology*. 158: 328-337.
- Minocha, N., Kumar, D., Rajanala, K. and Saha, S. 2011.** 'Characterization of *Leishmania donovani* MCM4: expression patterns and interaction with PCNA'. *PLoS One* 6 (7): e23107.
- 2011.** 'Kinetoplast morphology and segregation pattern as a marker for cell cycle progression in *Leishmania donovani*'. *J. Euk. Microbiol.* 58 (3): 249-253.
- Khasa, Y.P., Khushoo, A., Tapryal, S. and Mukherjee, K.J. 2011.** 'Optimization of human Granulocyte Macrophage-colony stimulating factor (hGM-CSF) expression using native asparaginase and xylanase gene's signal sequences in *Escherichia coli*'. *Appl. Biochem. Biotechnol.* 165(2): 523-37.
- Meagher, M.M., Seravalli, J.G., Swanson, S.T., Ladd, R.G., Khasa, Y.P., Inan, M., Harner, J.C., Johnson, S.K., Cott, K.V., Lindsey, C., Wannemacher, R. and Smith, L.A. 2011.** Process Development and cGMP Manufacturing of a Recombinant Ricin Vaccine: an Effective and Stable Recombinant Ricin A-Chain Vaccine RVEcTM. *Biotechnology Progress*. 27: 1036-1047.
- Gandhi, J. and Kaul, R. 2011.** 'Cyclooxygenase-2 and hepatocellular carcinoma: the proteomics of association'. *Journal of Proteins and Proteomics*. 2011 July-Dec 2(2): 81-97.

PHYSICAL EDUCATION & SPORTS SCIENCES

Major Activities

The major focus of the departmental research during the year was shifted to the promotion of mass participation in sports; promotion of lifelong daily regular physical activity by all human beings; promotion of health, wellness, physical fitness and prevention of inactivity diseases.

Computerization of the entire departmental activities with Wi-Fi and LAN systems.

Ph.D. Degrees awarded

Ph.D. - 3

Appointments of faculty members to higher Posts/Assignments

Dr. D.K. Kansal: Appointed (by the organizers of the meet) as Guest Speaker on the 'Panel of Inaugural Session' and Resource Person of 2nd International Sports for Development Meet 2011, New Delhi.

Seminars/Conferences held

International Conference on Physical Activities & Sports for Global Peace and Development on 19-21 October 2011.

International Workshop on Exercise Physiology: Experts: Prof. Oleksandr Krasilsh-chikov, University Sains, Malaysia and Prof. G.L. Khanna, Manav Rachna International University, Faridabad.

International Workshop on Psychological Interventions. Experts: Dr. Geetanjali Kumar, Practising Counselor, Family Therapist, Trainer, Delhi.

International Workshop on Athletic Care and Rehabilitation. Experts: Prof. (Dr.) Jaspal S. Sandhu, Dean, Faculty of Sports Medicine and Physiotherapy and Dr. Shweta Shenoy, Faculty of Sports Medicine and Physiotherapy, G.N.D.U., Amritsar.

Seminars/Conferences attended

Dr. Devinder K. Kansal: Invited in the International Seminar on 'Obesity and its Relation to Body Composition' at Faculty of Applied Sciences, Manav Rachna International University, Faridabad.

Chairman, Organizing Committee of UGC sponsored International Conference on Physical Activities & Sports for Global Peace and Development, 19-21 October 2011.

Publications

Amrita and Kansal, D.K. 2012. International Conference on Global Innovations, Strategies and Policies in Physical Education & Sports Sciences . Abstract on 'A Study on Implementation of Delhi Governments Sports Policy in Schools', 24-26 February 2012.

2011. Imminent need of balancing under graduate education by introducing physical education, core curriculum. Abstract. International Conference on Global Innovations, Strategies and Policies in Physical Education and Sports Sciences, Gurukul Kangri Viswavidyalaya, Haridwar.

2011. A study of Physical Education and Sports participation in all universities located in Delhi. Proceedings of the International Conference on Physical Activities and Sports for Global Peace and Development, Sports and Spiritual Science, New Delhi, 355-359.

Amrita and Tiwari, S. 2012. A Comparative study of Mental Toughness between starter and nonstarter male volleyball player. Proceedings of the International Seminar on Physical Education Recreation and Yogic Sciences, Akash Education Society, Varanasi, ISSN 2250-1398: 299-302.

Arya, D. and Kumar, S. 2012. 'Effect of Mental, Physical and Combined Mental Physical Practice on Badminton Skill Performance-A Comparative Study', Proceedings of International Seminar on Physical Education, Recreation and Yogic Science, Akash Education Society, Varanasi, ISSN 2250-1398, pp. 275-278.

2011. 'Effect of Mental Imagery training on the Serve Accuracy in Badminton', *Scientific Journal in Sport and Exercise*, Vol. 7:2: 22-25.

Arya, D., Kumar, S. and Singh, V. 2012. 'A Comparative Study on Body Image, Self Esteem between Sports Women and Sedentary Women', Proceedings of International Seminar on Physical Education, Recreation and Yogic Science, Akash Education Society, Varanasi, ISSN 2250-1398, pp. 220-222.

Arya, D., Basumatary, S.J. and Baloni, V. 2011. 'A comparative Study of Self Esteem, Body Image among Physically Active and Non active Women', proceedings of International Conference on Physical Activities and Sports for Global Peace and Development, Sports and Spiritual Science, New Delhi, ISBN 978-81-902282-0-6, pp. 163-165.

Goswami, V. and Kansal, D.K. 2012. A study on Implementation Of Delhi Govt. Sports Policies. International Conference on Global Innovation a Policies in Physical Education and Sports Sciences. Gurukul Kangri Vishvidalaya, Haridwar.

Hoon, A., Goswami, A. and Kansal, D.K. 2011. A study on implementation of Delhi Governments sports policy in schools. 'Abstract book of the International Conference on Global Innovations', Strategies and Policies in Physical Education and Sports Sciences, 83-84.

Hoon, A. and Tiwari, R. 2012. Attitude of Amity International School students towards physical education and sports programme. International Conference on Sports Economic and vision of London Olympics 2012, Delhi University.

2012. Physical Activities and Nutrition are Key Points for Fighting the Increased Diseases in Health Related Quality of Life, in Zuri Nagar Goa.

2011. Relationship of Selected Physical Fitness and Anthropometric parameters in sports Population, is in Delhi University.

2012. A survey on sport injuries of female cricket players of university level. Population *South Asian Journal of Physical Education and Sports Sciences* ISSN 2277 – 8500 Delhi Bi-Annual (Under the aegis of SANJOG-An NGO, Noida).

Hoon, A., Amrita, and Tiwari, S. 2012. ‘A comparative Study of Mental Toughness between Starter and Non-Starter Female Volleyball Players’. *South Asian Journal of Physical Education and Sports Sciences* ISSN 2277 – 8500 Bi-Annual Under the aegis of SANJOG-An NGO Amity University Noida.

Hoon, A., Amrita, V., Goswami and Kansal 2011. A study on implementation of Delhi Governments sports policy in schools. Abstract book of the International conference on global innovations, strategies and policies in physical education and sports sciences, Gurukul Kangri Viswavidyalaya, Haridwar, 83-84.

Kansal, D.K. 2011. Sharirik Shikshan Mein Prayogic Mapan, Muleaankan Tada Khel Chayan (Applied Measurement, Evaluation and Sports Selection) Sept., 2011. Directorate of Hindi Medium Implementation, Delhi University.

2012. International Conference on Global Innovations, Strategies and Policies in Physical Education & Sports Sciences. Abstract on ‘Imminent need of Balancing under-graduate Education by Introducing Physical Education in Core Curriculum’, 24-26 February 2012.

2012. *A Practical Approach to Test, Measurement & Evaluation*, New Delhi: Sports and Spiritual Science Publications.

2011. A Concept Paper: Nurturing Education Published in book entitled, ‘Physical Activities and Sports For Global Peace and Development’.

Kaur, H. and Singh, G.J. 2012. ‘Evaluation of Eating Disorders among male Individual and Team Game Players’ in International Seminar on ‘Physical Education, Recreation and Yogic Sciences’. Published by Department of Physical Education, BHU, Varanasi.

Kaur, H., Arya, D. and Kumar, S. 2011. ‘Construction of Knowledge Test in Badminton’ in *Global Trends in physical Education and Sports*, Punjab: Savitar press.

2011. ‘An Assessment of Athletic Intelligence of Team Game Players’ in ‘Physical Activities and Sports for Global Peace and Development’. New Delhi: Published by Sports and Spiritual Science.

Kaur, H., Kumari, N. and Gulati, A. 2011. ‘Effect of Weight Reduction and Selected Physiological Parameters among Male Junior National Boxing Campers’ in ‘Proceedings of Physical Activities and Sports for Global Peace and Development’. New Delhi: Published by Sports and Spiritual Science.

Kumar, R. 2012. 'Talent Identification' in 'Counselling Strategies for Enhancement of Physical and Psychological Well Being' Zuarinagar Goa.

2011. 'A Comparative Study of Self Esteem, Level of Stress and Body Shape Satisfaction among Private and Government Sector Employees' in 'Physical Activities & Sports for Global Peace and Development', New Delhi: SSS Publications.

2011. 'Changing Trends in Soccer', Ludhiana: Naman Printers.

2011. 'Selected categories as determinant factors for modernization'. Published by Dept. of Physical Education and Sports Science, Banaras.

Kumar, R. and Arya, D. 2011. 'Evaluation of Eating Disorder among Male Team Game and Individual Game Players' Gwalior.

Kumar, R., Singh, R., Arya, D. and Routhan, T. 2011. *Comparative Study of Specific Physical Fitness with Playing Ability of Soccer Players of Delhi University.* Souvenir of National Convention in Physical Education & Sports Sciences, organized by Department of Teacher Education (LNUPE).

Kundu, U.B. 2011. 'Assessment of Coping Skills among National Level Track And Field Athletes', On International Symposium on Global Trends of Physical Education and Sports In 21st Century held at Noida College of Physical Education, Published in souvenir.

2011. 'Classification and Preventive Measures of Sport Injuries in Modern Era', on International Symposium on Global Trends of Physical Education and Sports in 21st Century held at Noida College of Physical Education, 2-3 April 2011. Published in souvenir.

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2011. 'Effect of Sitali Pranayama on Academic Anxiety of School Children', on International Symposium on Global Trends of Physical Education and Sports in 21st Century held at Noida College of Physical Education. Published in souvenir.

2011. 'Effects of exercise on cardiac fitness level of sedentary peoples', on UGC Sponsored International Conference on 'Physical activities and sports for global peace and development', Department of Physical Education And Sports Sciences and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi. Published in proceedings ISBN NO.978-81-902282-0-6.

2011. 'Relationship Of Selected Blood Variables To Health Related Fitness Of College Men', on UGC Sponsored International Conference on 'Physical activities and sports for global peace and development', Department of Physical Education And Sports Sciences and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi. Published in proceedings. ISBN NO.978-81-902282-0-6.

2012. *'Effect of Asanas and Pranayama on Selected Physiological Variables of Footballers'*, on International Seminar on Physical Education Recreation and Yogic Sciences, Approved And Recognized By: Ministry of Human Resource Development, Department of Higher Education, Ministry of Youth Affairs and Sports, Department of Physical Education, BHU, Banaras. Published in proceedings, ISBN NO.92-8867-511-8.

2012. *'Effect of Bhastrika Pranayama on Vital Capacity of College Students'*, on International Seminar on Physical Education Recreation and Yogic Sciences, Approved and Recognized By: Ministry of Human Resource Development (Department of Higher Education) Ministry of Youth Affairs and Sports, Department of Physical Education, BHU, Banaras. Published in proceedings (Akash), ISSN 2250-1398.

Makkar, G. and Singh, A.K. 2012. 'The Positive Effect of Healthy Eating and Nutrition on One's Physical and Mental Health' in 'Counselling Strategies for Enhancement of Physical and Psychological Well Being', Zuarinagar, Goa.

2011. 'Mental Imagery Training' in 'Global Trends in Physical Education and Sports', New Delhi: Friends Publication.

2011. 'Glimpse of Technology in Cricket', in 'Emerging Trends in Physical Education and Yoga for all Round Development of Youths', Monika Printers, Sikandrabad.

2011. 'A Comparative Study of Self Esteem, Level of Stress and Body Shape Satisfaction among Private and Government Sector Employees' in 'Physical Activities & Sports for Global Peace and Development', New Delhi: SSS Publications.

2011. 'An Analytical Study of Changing Trends in Cricket from Test Cricket to T-20 Cricket' in 'Role of Physical Activities on Holistic Personality Development', New Delhi: SSS Publications.

2011. 'Comparative Study of Casual Attribution among Open Skill and Close Skill Players at Delhi University' in 'Global Trends of Physical Education & Sports in 21st Century', Noida.

2011. 'Ethics in Sports' in 'Global Trends of Physical Education & Sports in 21st Century' Japanico Printers, Noida.

2011. 'Level of Stress among Physically active and Non Active Women' in 'Physical Education as a Profession' Arya College Naman Printers, Ludhiana, Punjab.

2011. 'Relationship between Selected Anthropometric Measurements and Performance of Women Cricket Players' in 'Physical Education Recreation and Yogic Sciences' Aakash Education Society, Banaras.

2011. 'Relationship between Self Concept and Locus of Control among the Successful and Unsuccessful team of men handball at Delhi Inter College' in 'Achieving Excellence with Life Changing Experience', Balaji Sports Publication, Gwalior.

2011. 'Role of Communication Skill in Sports' in 'Global Trends of Physical Education & Sports in 21st Century', Japanico Printers, Noida.

2012. 'A Comparative Study of Level of Stress due to Menstruation Cycle among Physically Active and Non Active Women' in 'Counselling Strategies for Enhancement of Physical and Psychological Well Being' , Zuarinagar, Goa.

2012. 'Talent Identification' in 'Counselling Strategies for Enhancement of Physical and Psychological Well Being', Zuarinagar, Goa.

Renu, Amrita and Hoon, A. 2011. Attitude of Amity International school students towards physical education and sports programme. Abstract book of the International Conference on Global Innovations, Strategies and Policies in Physical Education and Sports Sciences, Gurukul Kangri Viswavidyalaya, Haridwar.

Routhan, T. 2011. *Aging Weight Gains and Exercise* Proceedings of National Congress on Physical Activity, Fitness and Health, Published by Department of Physical Education, University of Pune.

Routhan, T. and Singh, A. 2011. *Health Consequences of Obesity.* Proceedings of National Seminar on Emerging Trends in Physical Education and Yoga for all Round Development of Youths. Monika Printers, Sikandrabad, Bulandshahr.

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Routhan, T., Chhikara, A., Makker, G. and Singh, A. 2011. *An Assessment of Selected Measures of Visceral Fat Distribution, Girth and Cardio- respiratory Fitness in Women* Souvenir of National Convention in Physical Education & Sports Sciences, organized by Department of Teacher Education, LNUPE.

Sharma, M. and Sharma, L. 2011. 'Psychological Skills and Performance of Indian Gymnasts' in Physical Activities & Sports for Global Peace and Development, Sports and Spiritual Sciences Publication, Delhi.

2012. 'Psychological Skills Differences Among Male and Female Indian Gymnasts' in Physical Education, Recreation and Yogic Sciences, Published by Department of Physical Education, BHU, Varanasi.

2012. 'Self-confidence and Performance' in Global Innovations, Strategies and Policies in Physical Education and Sports Sciences, Haridwar.

2011. *A Comparative Study on Personality Dimensions of Medalists and Non-Medalists Female Taekwondo Players in 1st All India Inter University Championship 2011.* Proceedings of National Seminar on Emerging Trends in Physical Education and Yoga for all Round Development of Youths, Monika Printers, Sikandrabad, Bulandshahr.

Shaw D., Routhan, T. and Singh, A. 2011. *A Comparative Study on Personality Dimensions of Male Taekwondo Players Belonging to Selected Weight Categories in 1st All India Inter University Taekwondo Championship Patiala 2011.* Souvenir of 21st National Conference of Sports Psychology, organized by University College of Physical Education & Sports Sciences, Acharya Nagarjuna University.

2011. *Personality Difference between Medalist and Non-Medalist Male Taekwondo Players.* Proceedings of National Seminar on Emerging Trends in Physical Education and Yoga for all Round Development of Youths. Monika Printers, Sikandrabad, Bulandshahr.

2012. *Effect of Weight Cycling on Performance of Senior Male Taekwondo Player.* Proceedings of International Seminar on Physical Education, Recreation and Yogic Sciences. Published by Department of Physical Education, BHU, Varanasi.

Singh, V. 2011. Assessment of Self Confidence among Female Volleyball Players of Different Levels. Proceeding of Physical Activities & Sports for Global Peace & Development, New Delhi: Sports & Spiritual Sciences Publication.

2011. Drug Abuse in Sports Performance Souvenir of Global Trends of Physical Education & Sports in 21st Century, Noida College of Physical Education, Dadri, G.B. Nagar.

2012. Assessment of Achievement Motivation Among Female Volleyball Players of Different Level, proceeding of Counseling Strategies for Enhancement of Physical & Physiological Well Being, MES College, Goa.

Solanki, J. and Tiwari, S. 2011. *A comparative study of mental toughness between sportsmen and non sportsmen,* in Physical Activities & Sports for Global Peace and Development, SSS Publisher, University of Delhi.

2011. *Comparison of motivation among volleyball players of intercollegiate and university levels,* in Global Trends in Physical Education and Sports, Punjab: Friends Publications.

2012. *An assessment of health related quality of life in collegiate sportsmen and non sportsmen,* in Latest Trends in Performance and Psychology Approach, Punjab: Savitar Publications.

Solanki, J., Solanki, V. and Tiwari, S. 2012. *A comparative study of mental toughness between sportswomen and non sportswomen,* in Global Innovations, Strategies and Policies in Physical Education and Sports Sciences, Haridwar.

2012. *An assessment of health related quality of life in collegiate sportswomen and non-sportswomen,* in Global Innovations, Strategies and Policies in Physical Education and Sports Sciences, Haridwar.

PLANT MOLECULAR BIOLOGY

Major Activities

The research achievements are presented in detail below:

Genes involved in plant stress tolerance

Whole genome expression profiling was performed to understand the mechanisms of regulation of abiotic stress tolerance in rice, which has led to the identification of several genes encoding transcription factors and signaling components that express preferentially on exposure to abiotic stresses. Some of these genes were over-expressed in *Arabidopsis* and rice. The genes were shown to confer improved stress phenotype on *Arabidopsis* plants. The work is in progress to analyze whether these bZIP and F-box proteins conferring abiotic stress tolerance in *Arabidopsis* also play an important role in abiotic stress response in rice.

Since calcium acts as a central player in signal transduction in plants, the role of several downstream components in calcium signaling is being investigated. The function of several kinases in this process, such as CIPK3, CIPK9, CIPK21 has been revealed. At the same time, downstream partners of these kinases, which are transcription factors, transporters/channels and other accessory proteins have also been investigated.

Heat shock proteins represent an important tool for plants to survive hostile conditions of environment. Binding of Heat shock factors (Hsfs) to Heat shock elements (HSEs) leads to transcriptional regulation of Heat shock genes, encoding Heat shock proteins. Chemical cross-linking analysis of *in vitro* synthesized rice Hsf polypeptides showed formation of homotrimers of Hsf proteins. Binding analysis of polypeptides with oligonucleotide probes containing various HSE sequences showed that certain Hsfs differentially recognize various model HSEs as a function of varying reaction temperatures. Homomeric forms of OsHsfA2c and OsHsfB4b proteins were further studied by Bimolecular fluorescence complementation approach in onion epidermal cells. Using yeast system, new information on homomeric and heteromeric interactions of Hsfs and transactivations have been obtained. Similarly, in wheat, HSP26, identified by Suppression subtractive hybridization, was found to confer tolerance in transgenic *Arabidopsis* plants to high temperature, the plants accumulated more photosynthetic pigments, and showed higher biomass and seed yield compared to controls. A heat-inducible, myo-inositol-1-phosphate synthase gene from wheat was cloned and its comparative analysis undertaken in rice and *Arabidopsis*. The analysis showed the role of abiotic stresses other than heat stress in inducing the gene expression.

Virus infections represent a major cause for poor yields in crop plants supplying us with food and fiber in our country. The interaction of rice plants with two viruses has been studied in detail and a method to accurately estimate the viral levels has been developed. A number of rice lines have been generated containing genes for viral resistance. DNA constructs for imparting virus resistance for okra has been developed. The viral protein suspected to play a major role in interacting with insects has been modified to study the

effect on virus transmission by insects. Viral suppressor proteins from three viruses have been obtained for testing their effectiveness in neutralizing the plant defence response based on small RNA.

To rapidly produce transgenic haploids in wheat that are homozygous for the introduced gene, an anther culture based doubled haploid embryo induction followed by *Agrobacterium*-mediated transformation has been standardized. Using this method, transgenic plants of bread wheat containing the HVA1 gene, a member of the group 3 LEA proteins in plants were obtained till the fourth selfed generation (T_4). The study indicated that transgenic doubled haploid plants performed much better with respect to seed weight per spike than control plants.

Mulberry (*Morus indica*) serves as the most commercially valuable plant of the sericulture industry and has the unrealized potential to influence rural economy directly. Comparative transcriptomic studies undertaken from leaf and root tissues of mulberry exposed to variety of abiotic stress conditions revealed overlapping and specific patterns of transcript expression. Functional categorization of mulberry genes revealed conservation involved in diverse cellular processes. The identification of expressed transcripts can provide molecular tools to mulberry research groups. Selected genes of the carotenoid metabolism pathway in mulberry have been investigated for tolerance high temperatures and stress due to ultraviolet light.

Genes up-regulated and down-regulated in tomato by cold stress have been analyzed by analyzing a Subtraction library. Cold up-regulated genes *LeMPK3* encoding a mitogen activated kinase and *LeAox1a* and *LeAox1b* encoding alternative oxidase genes were over-expressed in tomato using 35S promoter for improving cold tolerance. Transgenic plants over-expressing these genes showed better membrane integrity under cold stress. These genes have also been over-expressed using cold-inducible promoters.

Small RNAs are known to play pivotal role in regulating gene expression at transcriptional as well as post-transcriptional level in a number of biological processes, including development and response to stresses such as pathogen infection, environmental cues and nutrient deprivation. Deep sequencing using Illumina Genome analyzer platform of small RNAs from wheat enabled the identification of 154 conserved miRNAs belonging to 34 families, out of which 15 were already known in wheat. Advanced analysis of wheat small RNA dataset resulted in identification of more than a thousand novel miRNAs. Digital profiling of miRNAs revealed that a number of miRNAs are up-regulated while some are down-regulated during different abiotic stresses. Computational prediction of target genes of these miRNAs was carried out and few were validated experimentally.

Genes involved in plant development

Data on gene expression in rice at four vegetative and seed developmental stages/tissue types have been generated. Attempts have been made to identify and segregate gene expression profiles specifically (preferentially) relevant to the events related to male gametophyte development, meiosis-related genes and those contributing to sperm cell development.

To understand the impact of DNA methylation on gene expression during pre-meiotic to meiotic phase transition of anther development in rice, a whole genome microarray assay system for estimating methylation status of protein coding genes represented on the 57k Affymetrix rice genome array have been developed. A few selected methylated and non-methylated genes detected in the pre-meiotic and meiotic anthers have also been validated by RT-PCR and bisulphate sequencing of the DNA.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	4
M.Phil.	-	4

Appointments of faculty members to higher Posts/Assignments

Prof. J.P. Khurana: Member of the 'Patent Facilitation Committee' constituted by the DBT, New Delhi, in May 2011; Member of the Delegation from DST, Govt. of India, to visit Havana, Cuba, to strengthen S & T collaboration with Institutes in Cuba, in June 2011; Member of the Project Monitoring Committee of Tea and Coffee Network programme of the DBT; Member of the National Committee of IUBS (constituted by INSA); Member of the Council of the Indian National Science Academy, New Delhi; Member of the Research Council of National Botanical Research Institute, Lucknow; Member of the Standing Expert Panel for Review of Proposals received by Indo-US S & T Forum, New Delhi; Member of the Task Force on 'Metabolic Pathway Engineering in Plants' constituted by the DBT.

Prof. Paramjit Khurana: External Expert, Institutional Biosafety Committee, JNU; External Expert, Board of Research Studies, Centre for Biotechnology, Jamia Hamdard, Hamdard University, New Delhi; Member, Taskforce on Silk Biotechnology, Department of Biotechnology, Ministry of Science & Technology, Government of India; Member, Taskforce on 'Value- Added Biomass & Products from Natural Resources', Department of Biotechnology, Government of India; Member, Taskforce on National Bioscience Award for Career Development, 2011, Department of Biotechnology, Government of India; Editorial Board, Journal of Seribiodiversity, Central Silk Board, Hosur, India; Editorial Board, Physiology and Molecular Biology of Plants, Springer, India; Editorial Board, Proc. National Academy of Sciences, Section-B- Biological Sciences, India (2012-2013); Member, Special Committee of the School of Environmental Sciences, Jawaharlal Nehru University, New Delhi; Member, Special Committee of the School of Computational & Integrative Sciences, Jawaharlal Nehru University, New Delhi; Member, Academic Council, TERI University, New Delhi; Member, "Working Group on Enrichment of Knowledgebase" to formulate 12th Five Year Plan, Planning Commission, Department of Science and Technology, New Delhi.

Honours/Distinctions

Prof. J.P. Khurana: Awarded Prof. Birbal Sahni Medal by the Indian Botanical Society, November 2011.

Prof. Paramjit Khurana: Prof. Archana Sharma Memorial Award, Indian Science Congress Association, 2011-2012.

Prof. J.C. Bose Fellowship for 2012-2017, Department of Science & Technology, Government of India.

Prof. Anil Grover: G.V. Joshi Memorial lecture Award, Indian Society of Plant Physiology.

Prof. J.C. Bose Fellowship Award for 2012-2017, DST, Government of India.

Dr. Girdhar K. Pandey: DBT-CREST (Cutting-edge Research Enhancement and Scientific Training) 2010-211 Award, One year Visiting Scholar/Visiting Professor at the Department of Plant Microbial Biology, University of California, Berkeley, California, USA.

INSA Bilateral Scientist Exchange Fellowship to visit Prof. Joerg Kudla's lab for three months (June-August, 2011) at Institut für Biologie und Biotechnologie der Pflanzen, Schlossgarten 3, Wilhelm WestFelisch University, Münster, Germany.

Seminars/Conferences held

Prof. J.P. Khurana: Organized Indo-Taiwan Workshop on 'Genomic Approaches for Functional Foods and Nutritional Improvement of Crop Plants'; sponsored by DST, New Delhi, 13-14 December 2011.

Seminars/Conferences attended

Prof. J.P. Khurana: Delivered a lecture in Indo-German Conference held at INSA, sponsored by INSA, German Academy (Leopoldina) and DFG, October 2011.

Chaired two sessions and delivered a lecture in an International Conference (ICPBFS), NASC Complex, February 2012.

Delivered a Plenary Lecture in the National Conference organized by AMITY, Haryana, September 2011.

Delivered Prof. Birbal Sahni Medal Award Lecture during the 34th All India Botanical Conference held at Lucknow University, October 2011.

Prof. Paramjit Khurana: Participated in the International Wheat Genome Sequencing Consortium Meeting (IWGSC), 4 September 2011.

21th International Triticeae Mapping Initiative organized by CIMMYT at Mexico City, 5-9, September 2011.

Invited talk at the 20th Plant and Animal Genome (PAG) on 'Engineering Plants for Changing Climatic Conditions', in the Workshop on 'Development and Application of Transgenic Technology in Agriculture' at San Diego, USA, 14-18 January 2012.

International Conference on Plant Biotechnology for Food Security: New Frontiers, organized by Society for Plant Biochem and Biotech. and IARI, at the National Agriculture Science Centre Complex, DPS Road, New Delhi, 21-24 February 2012.

Prof. Anil Grover: Presented poster at American Society of Plant Biologists meeting, Minneapolis, USA, August 2011.

Prof. Indranil Dasgupta: Attended the International Conference '100 years of Rice Science and Looking Beyond' at Tamil Nadu Agricultural University, Coimbatore, Jan. 2012.

Dr. Girdhar K. Pandey: A new facet of calcium signaling in plant: CBL-CIPK network in potassium deficient conditions. Institut für Biologie und Biotechnologie der Pflanzen, Schlossgarten 3, Wilhelm Westfälisch University, Münster, Germany, 16 August 2011.

Dr. Surekha K. Agarwal: Attended 'International Conference on Plant Biotechnology for Food Security' at National Agricultural Science Centre, Pusa, New Delhi, 21-24 Feb. 2012.

Publications

Bandopadhyay, R., Rustgi, S., Chaudhuri, R., Khurana, P., Khurana, J.P., Tyagi, A.K., Balyan, H., Houben, A. and Gupta, P. 2011. 'Use of methyl filtration and Colfractionation for analysis of genome composition and comparative genomics in bread wheat'. *J. Genetics Genomics*, 38: 315-325.

Baskaran, P. and Dasgupta, I. 2011. 'Gene delivery using microinjection of agrobacterium to embryonic shoot apical meristem of elite *indica* rice cultivars'. *J. Plant Biochemistry and Biotechnology*, DOI 10.1007/s13562-011-0078-x.

Chauhan, H., Khurana, N., Aggarwal, P. and Khurana, P. 2011. 'Heat shock factors in rice (*Oryza sativa* L.): genome wide expression analysis during reproductive development and abiotic stress'. *Mol. Gen. Genomics*, 286(2): 171-187.

Checker, V.G., Chibbar, A.K. and Khurana, P. 2011. 'Stress-inducible expression of barley *Hva1* gene in transgenic mulberry displays enhanced tolerance against drought, salinity and cold stress'. *Transgenic Res.* (DOI: 10.1007/s11248-011-9577-8).

Crismani, W., Kapoor, S. and Able, J.A. 2011. 'Comparative Transcriptomics reveals 129 Transcripts that are temporally regulated during anther development and meiotic progression in both Bread Wheat (*Triticum aestivum*) and Rice (*Oryza sativa*)'. *Int. J. Plant Genomics*. 931898.

Giri, J., Vij, S., Dansana, P.K. and Tyagi, A.K. 2011. 'Rice A20/AN1 zinc-finger containing stress-associated proteins (SAP1/11) and a receptor-like cytoplasmic kinase (OsRLCK253) interact via A20 zinc-finger and confer abiotic stress tolerance in transgenic *Arabidopsis* plants'. *New Phytol.* 191: 721-732.

Khurana, A., Khurana, J.P. and Babbar, S.B. 2011. 'Nitric oxide induces flowering in the duckweed, *Lemna aequinoctialis* Welw. (Syn. *L. paucicostata* Hegelm.), under non-inductive conditions'. *J. Plant Growth Reg.* 30: 378-385.

Khurana, N., Chauhan, H. and Khurana, P. 2011. 'Expression analysis of a heat inducible, Myo-inositol-1-phosphate synthase (*MIPS*) gene from wheat and the alternatively spliced variants of rice and *Arabidopsis*'. *Plant Cell Report*, 31: 237-251.

2011. 'Characterization and Expression of High Temperature Stress Responsive Genes in Bread Wheat (*Triticum aestivum* L.)'. *Czech. J. Genetics & Plant Breeding (spl. issue)*. 47: 594-599.
- Khurana, P. and Chaudhary, N. 2011.** 'Genetic modification of cereals for biofortification and nutraceuticals'. *J. Plant Biol.* 37: 47-57.
- Mathur, S., Vyas, S., Kapoor, S. and Tyagi, A.K. 2011.** 'The mediator complex in plants: structure, phylogeny and expression profiling of representative genes in a dicot (*Arabidopsis thaliana*) and a monocot (*Oryza sativa*) during reproduction and abiotic stress'. *Plant Physiology*, 157: 1609-1627.
- Mittal, D., Enoki, Y., Lavania, D., Singh, A., Hiroshi, S. and Grover, A. 2011.** 'Binding affinities and interactions among different heat shock element types and heat shock factors in rice (*Oryza sativa* L.)'. *FEBS Journal*, 278: 3076-3085.
- Roy, S., Banerjee, A., Tarafdar, J., Senapati, B.K. and Dasgupta, I. 2011.** 'Transfer of transgenes for resistance to rice tungro disease into high yielding rice cultivars through gene based marker-assisted selection'. *J. Agricultural Science*, DOI:10.1017/S0021859611000827.
- Sharma, S., Rabindran, R., Robin, S. and Dasgupta, I. 2011.** 'Analysis of the complete sequence of rice tungro bacilliform virus from southern India indicates it to be a product of recombination'. *Archives of Virology*, 156: 2257-2262.
- Singh, A., Mittal, D., Lavania, D., Agarwal, M., Mishra, R.C. and Grover, A. 2011.** 'OsHsfA2c and OsHsfB4b are involved in the transcriptional regulation of cytoplasmic OsClpB (Hsp100) gene in rice (*Oryza sativa* L.)'. *Cell Stress and Chaperones*. Vol. 17: 243-245.
- Singh, U., Deb, D., Singh, A. and Grover, A. 2011.** 'Glycine-rich RNA binding protein of *Oryza sativa* inhibits growth of M15 *E. coli* cells'. *BMC Research Notes*, 4: 18.
- Swapna, L., Khurana, R., Kumar, S.V., Tyagi, A.K. and Rao, K.V. 2011.** 'Pollen-specific expression of *Oryza sativa* indica pollen allergen gene (*OSIPA*) promoter in rice and *Arabidopsis* transgenic systems'. *Mol. Biotechnol.* 48: 49-59.
- Verma, M., Kaur, J., Kumar, M., Kumari, K., Saxena, A., Anand, S., Nigam, A., Vydianathan, R., Raghuvanshi, S., Khurana, P., Tyagi, A.K., Khurana, J.P. and Lal, R. 2011.** 'Whole Genome Sequence of the Rifamycin B-Producing Strain *Amycolatopsis mediterranei* (Genome Announcement)'. *J. Bacteriology*, 193(19): 5562-5563.
- Das, M., Banerjee, S., Dhariwal, R., Mir, R.R., Vyas, S., Topdar, N., Kundu, A., Khurana, J.P., Tyagi, A.K., Sarkar, D., Sinha, M.K., Balyan, H.S. and Gupta, P.K. 2012.** 'Development of SSR markers and construction of a first generation linkage map in jute'. *J. Genetics*, 91: 1-11.

Kumar, R., Agarwal, P, Tyagi, A.K. and Sharma, A.K. 2012. ‘Genome-wide investigation and expression analysis suggest diverse roles of auxin-responsive GH3 genes during development and response to different stimuli in tomato (*Solanum lycopersicum*)’. *Mol. Gen. Genomics*, 287: 221-235.

Kumar, R., Sharma, M.K., Kapoor, S., Tyagi, A.K. and Sharma, A.K. 2012. ‘Transcriptome analysis of rin mutant fruit and in silico analysis of promoters of differentially regulated genes provides insight into LeMADS-RIN-regulated ethylene-dependent as well as ethylene-independent aspects of ripening in tomato’. *Mol. Gen. Genomics*, 287: 189-203.

Sharma, S. and Dasgupta, I. 2012. ‘Development of SYBR Green I based real time PCR assays for quantitative detection of *Rice tungro bacilliform virus* and *Rice tungro spherical virus*’. *Journal of Virological Methods*, 181: 86-92.

Singh, A., Baranwal, V., Shankar, A., Kanwar, A., Ranjan, A., Yadav, S., Pandey, A., Kapoor, S., and Pandey, G. 2012. Rice phospholipase A superfamily: organization, phylogenetic and expression analysis during abiotic stresses and development. *PLoS One*. 7(2):e30947.

Singh, A., Mittal, D., Lavania, D., Agarwal, M., Mishra, R.C. and Grover, A. 2012. ‘OsHsfA2c and OsHsfB4b are involved in the transcriptional regulation of cytoplasmic OsClpB (Hsp100) gene in rice (*Oryza sativa* L.)’. *Cell Stress and Chaperones*, 17: 243-254.

Books

Bhardwaj, A.K., Pandey, R., Agarwal, M. and Agarwal, S. 2012. Northern Blot Analysis for Expression Profiling of mRNAs and Small RNAs. In: Jin H. and Gassmann W. (Eds.) *RNA Abundance Analysis: Methods and Protocols*, *Methods in Molecular Biology*, vol. 883, DOI 10.1007/978-1-61779-839-9_2, Springer Science+Business Media New York 2012.

Dasgupta, I. 2011. Use of RNAi technology for the control of rice viruses. In: Gaur, R.K., Gafni, Y., Sharma, P. and Gupta, V.K., (eds), *RNAi technology*, pp. 253-264. CRC Press, Science Publishers, Enfield, New Hampshire, USA.

Khurana, P., Chauhan, H. and Khurana, N. 2011. Functional genomics of abiotic stress tolerance in wheat. In: Tuteja, N., Gill, S.S., Tubercio, A.F. and Tuteja, R. (eds.) *Improving crop resistance to abiotic stress*. Vol. II, pp. 639-653, Wiley-Blackwell, Wiley-VCH Verlag GmbH & Co, Germany.

2011. Genomic approaches for Wheat productivity under changing climatic conditions. In: Singh, S.S., Hanchinal, R.R., Singh, G., Sharma, R.K., Tyagi, B.S., Saharan, M.S. and Sharma, I. (ed.) *Proc. 3rd IGM on Wheat Productivity Enhancement under Changing Climate*. pp. 126-131. New Delhi: Narosa Pub. House.

Kapoor, S., Khurana, R., Baranwal, V., Agarwal, P., Ray, S. and Tyagi, A. 2011. Genome-wide Strategies for Genetic Enhancement of Rice, In: Muralidharan, K. and Siddique, E.A. (ed.), pp. 11-25.

**FACULTY OF APPLIED SOCIAL SCIENCES
AND HUMANITIES
BUSINESS ECONOMICS**

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	5
M.Phil.	-	6

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Environmental Indicators of Urban Development in India.	Prof. Surender Kumar Kala S. Sridhar	ADB

Seminars/Conferences held

Annual Convention on 'India Inc. and the 3Gs: Growth, Governance and Graft', New Delhi, 22 September 2011.

Seminars/Conferences attended

Prof. V.K. Kaul: Presentation by co-author on 'Motivation and Perception of Women Entrepreneurs in India- An Emerging Economy" at the AIB 2011 Nagoya Conference held at Nagoya, Japan in Joint Authorship with Anu Pandey and Venkat Raman, 25-28 June 2011.

Presentation by co-author on 'Impact of socio-cultural factors on nature of business of women entrepreneurs-A study of women entrepreneurs in Delhi' at the ICER-BRIC International Conference held at IIM Bangalore in Joint Authorship with Anu Pandey and Venkat Raman, 8-10 December 2011.

Paper presented on 'Financial Crisis and Indian Enterprises', in National Seminar, SGTB Khalsa College, 3 March 2012.

Participated in 'Global Capital Market Scenarios,' Seminar organized in collaboration with ICSI in University of Delhi South Campus, 21 November 2011.

Participated in 'Indian Enterprises and Growth: Using Scale and Scope Economies,' Conference organized by IMT Ghaziabad, PHD Chamber of Commerce, 13 Nov. 2011.

Prof. Surender Kumar: Invited Presentation on 'Economic Valuation of Forest Ecosystem Services', Regional Workshop on 'Mainstreaming Ecosystem Services Approaches into Development: Application of Economic Valuation for Designing Innovative Response Policies' organized by the UNEP, Bangkok, 6-9 February 2012.

'Environmental Degradation and Food Security' invited talk during the Workshop organised by the UNEP and GIST on 'Capacity-building in national planning for food security in the state of Punjab' at the India Habitat Centre, New Delhi, 24 October 2011.

Plenary Talk on 'Valuation of Health Impacts of Air Pollution in India' National Seminar on Environment-Health Linkages: Emerging Issues and Policy Resources, Jamia Millia Islamia, New Delhi, 16-17 March 2012.

Invited Paper on 'Carbon Sensitive Productivity Growth, Climate Change and Institution', Second National Research Conference on Climate Change held at IIT Delhi on 5-6 November 2011.

Prof. Suresh Aggarwal: Paper Presented on 'Construction of Time Series on Labour input' in the 5th LA-KLEMS Conference that took place at BNDES, Rio de Janeiro, Brazil, 17-18 November 2011.

Dr. Yamini Gupta: Participated in Workshop on 'Policy Analyses in Environmental Economics' organized by SANDEE at AIT, Pathumthani, Thailand, 22-24 May 2011.

Paper Presentation on 'Extended Producer Responsibility based Deposit-Refund System for Batteries in Delhi and NCR' at the Dissemination Seminar of SANDEE funded project organized by Department of Business Economics at South Campus, New Delhi, 4 August 2011.

Dr. Deepa Saran: Participated in 'SAARC Summit - Building bridges through Economic Cooperation', New Delhi, 23 January 2012.

Participated in 'India International Hotel, Travel & Tourism Research Conference,' New Delhi, 1-3 February 2012.

Publications

Books

Kaul, V.K. 2012. *Business Organization and Management*, Pearson Education, New Delhi.

Kumar, S. 2011. *Economics of Air Pollution: A Case of Thermal Power Generation in India*, ISBN 978-3639363135, paperback, 284 pages, VDM Publishing House, Germany.

Research Articles

Gupta, S., Kumar, S. and Sarangi, G.K. 2012. 'Measuring the performance of water service providers in urban India: Implications for managing water utilities' *Water Policy* Vol. 14, pp. 391-408.

Kumar, S., Managi, S. and Matsuda, A. 2012. 'Stock Prices of Clean Energy Firms, Oil and Carbon Markets: A Vector Autoregressive Analysis' *Energy Economics*, Vol. 34, No.1, pp. 215-226.

Kumar, S., and Managi, S. 2011. 'Substitutability and Non-separability among Water Pollutants: Evidence from India' *Environment and Development Economics* Vol. 16, No. 6, pp. 709-733.

2012. 'The Potential for LCE in India' in 'Climate Smart Development in Asia: Transition to Low Carbon and Climate Resilient Economies', edited by A. Srinivasan, F. Ling and H. Mori, Routledge.

Khanna, M. and Kumar, S. 2011. 'Corporate Environmental Management and Environmental Efficiency' *Environmental and Resource Economics*, Vol. 50, No. 2, pp. 227-242.

Kumar, S. 2011. 'Environmental Degradation and Sustainable Development in India', *Commodity Vision*, 5(2): 20-27.

Murty, M.N. and Kumar, S. 2011. 'Water Pollution in India: An Economic Appraisal' in India Infrastructure Report 2011: Water: Policy and Performance for Sustainable Development, IDFC and Oxford University Press, 2011.

Aggarwal, S.C. and Kumar, S. 2011. 'Industrial Water Demand in India: Challenges and Implications for Water Pricing' in India Infrastructure Report 2011: Water: Policy and Performance for Sustainable Development, IDFC and Oxford University Press.

Dastidar, A.G. 'Income Distribution and Structural Transformation : Empirical Evidence from Developed and Developing Countries', *Seoul Journal of Economics* 25 (No.1, 2012) : 25-56.

SLAVONIC AND FINNO-UGRIAN STUDIES

M.Phil. Degree awarded

M.Phil. - 1

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Role & Relevance of Audio-visual Aids in teaching and learning of Russian Language.	Dr. Girish Munjal	R&D/DU
Towards a better understanding and learning of Russian Verbs with prefixes for Indian students of Russian Language Advanced level.	Dr. Neelakshi Suryanarayan	R&D/DU
Interdisciplinary Literary Research – Reader for undergraduates.	Dr. Margit Koves	R&D/DU

Literary Reader for Bulgarian Language.	Dr. Rashmi Joshi	R&D/DU
Literary Methods Trends and Genres: A reader for postgraduate students of Russian Literature.	Dr. Ranjana Saxena	R&D/DU
Instructional Material of Computer-Assisted Language Learning For Practical Russian (Oral) Courses.	Mr. Sonu Saini	R&D/DU

Appointments of faculty members to higher Posts/Assignments

Dr. Ranjana Saxena: Nominated the external supervisor Ph.D to Ms. Zhanar Omarova from Abai Kazakhstan National Pedagogical University and Institute of Post graduate and research studies. 2011.

Seminars/Conferences held

International Conference ‘The Russian Discourse in the Contemporary Intercultural Context’ 1-2 March 2012. The Conference was sponsored by the University of Delhi, the ICCR, ICSSR.

Seminars/Conferences attended

Dr. Ranjana Saxena: Presented a paper titled ‘New Russian Women’s Prose and Literary Transvestism: An investigation of works by M.Rybakova and K. Tkachenko ’ at the International Conference at Fitzwilliam College, University of Cambridge, UK, 2-4 April 2011.

Dr. Neelakshi Suryanarayan: Presented paper entitled ‘Towards a Methodology of Teaching Literature in a Foreign Language’ at the International Conference: ‘Indian Sources of World Culture’ Krasnodar State University of Culture and Arts, Krasnodar, Russia, 17-19 October 2011.

Presented paper entitled: ‘Childrens Literature: Magical realism or Chernukha? A glimpse at some trends in Russian fiction literature for young adults’ at the International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, 1-2 March 2012.

Presented paper entitled ‘English and Hindi Address Forms in a bilingual context.’ at the 35th International LAUD Symposium : Cognitive Psycholinguistics: Bilingualism, Cognition and Communication.’ Kobelenz- Landau, Germany, 26-29 March 2012.

Dr. Ranjana Saxena: Presented a paper titled ‘Dina Rubina’s ‘On the sunny side of the street’ – in search of the lost Atlantis’ in the International Conference ‘The Russian Factor in Central Asian Culture’ organized by the Academy of International Studies, Jamia Milia Islamia, 28-29 February 2012.

Presented paper entitled: 'From the Societal Periphery to the Literary Centre Stage: On Reading Dom v Kotorom...A novel by Mariam Petrosyan' at the International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, University of Delhi, 1-2 March 2012.

Dr. Rashmi Joshi: Presented paper entitled: 'Elisaveta Bagriana and Russian Poetry: Anna Akhmatova as a case study', International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, 1-2 March 2012.

Dr. Mari Koves: Presented paper entitled: 'Szytepan Pehtonij – Istvan Baka: Identities of a Hungarian Poet' at the International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, 1-2 March 2012.

Mr. Chandan Suman: Presented paper entitled 'Motivation and foreign language learnability in the young adult students', International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, 1-2 March 2012.

Ms. Kavita Thapliyal: Presented paper entitled 'Obrazovaniye abbrevianur v sovremennom ruskom yazike I ih grammaticheskoye osobennosti' Motivation and foreign language learnability in the young adult students', International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, 1-2 March 2012.

Ms. Biljana Mueller: Presented paper entitled 'Russian language as medium of reception of Indian literature in Bulgaria' Motivation and foreign language learnability in the young adult students', International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, 1-2 March, 2012.

Ms. Natalya N. Samsonova: Presented paper entitled 'Indiskiye istoki russkoi volshebnoi skazki' Motivation and foreign language learnability in the young adult students', at the International Conference: The Russian Discourse in the Contemporary Intercultural Context. Department of Slavonic and Finno-Ugrian Studies, 1-2 March 2012.

Dr. Girish Munjal: Presented a paper on '*Use of computers at the Lessons of Russian Language, Literature & Culture*' at the National Seminar entitled 'The Use of Computer Programmes and Linguistic Equipment at the Lessons of Russian Language', organized by Indira Gandhi National Open University (IGNOU), School of Foreign Languages, September 2011.

Mr. Sonu Saini: Presented paper , presented paper on Comparative Analysis of the Russian text books 'Doroga v Rossiyu' and 'Russki Yezik dlya vsekh' at Seminar held in RCSC, 1-2 November 2011.

Presented paper , paper presented titled 'Revisiting history of Russia through literature: A study of Novel 'Enchanted by death' by Alexievich' at National Seminar. 72nd Session, Indian History Congress, Patiala, December 2011.

Publications

Joshi, R. Bai Ganjo – a Bulgarian Prototype? – A case study of Aleko Kostantinov's: Bai Ganjo – the Incredible Tales of a Contemporary Bulgarian. Resonance Humour and Satire. (eds) R. Joshi and N. Suryanarayan, 2: *Journal of the Department of Slavonic and Finno-Ugrian Studies*, 66-86.

Koves, M. 2011. Hungarian Responses: Between Support and Disagreement. A magyar viszzhang, támogatás és ellenállás között . Insurgent Sepoys: Europe Views the Revolt of 1857 (ed). Shaswati Mazumdar, Routledge: 94-108.

2011. Humour and Irony in the works of Péter Esterházy'. Resonance Humour and Satire. (eds). R. Joshi and N. Suryanarayan, 2: *Journal of the Department of Slavonic and Finno-Ugrian Studies*, 97-117.

Saxena, R. 2011. The fall of Soviet Union and the fall of the Russian literary canon. Eurasia Twenty years after. (eds) Suchandana Chatterjee and Anita Dasgupta, Delhi: Shipra Publications.

2011. The Immortal – a novel by O.Slavnikova in the context of women's prose and new narrative techniques. Literature of the Urals: history and present: collection of articles. 6: A historic-cultural land shaft of Ural: Literature, Ethnicity, Power/ Institute of History and Archeology, Academy of Sciences. - Ekaterina burg: publication of Ural University: 442-453.

Suryanarayan, N. 2011. Holding up a mirror to society: Soviet Stand –up comedy. Resonance (Humour and Satire). (eds) R. Joshi and N. Suryanarayan, 2: *Journal of the Department of Slavonic and Finno-Ugrian Studies*, 87-97.

2012. English and Hindi Address Forms in a bilingual context. 35th International LAUD Symposium. Cognitive Psycholinguistics: Bilingualis. Cognition and Communication. LAUD linguistic Agency, Landau/Pfalz, Germany.

FACULTY OF COMMERCE AND BUSINESS

COMMERCE

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	10
M.Phil.	-	7

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
National Consumer Helpline	Prof. Sri Ram Khanna	Union Ministry of Consumer Affairs.

Appointments of faculty members to higher Posts/Assignments

Prof. Sanjay K. Jain: Inducted as Member, Advisory Committee of the Global Conference on “India’s Emergence in Global Scenario” organized by Gitarattan International Business School, Delhi; Inducted as Member, Board of Studies, School of Management, ITM University, Gurgaon; Appointed as Member of the International Judging Panel for the 2012 Asia Pacific Enterprise Leadership Award, APRC, Singapore.

Prof. Sri Ram Khanna: Appointed visitor’s nominee to Commerce and Management Selection Committee of Rajiv Gandhi University, Arunanchal Pradesh; Member of the Official Indian delegation to the ISO COPOLCO meetings held in London (UK) in May, 2011 and official spokesman of the Indian delegation. Attended Chairs Group COPOLCO meeting as member of Indian delegation October 2011 at Geneva, Switzerland.

Honours/Distinctions

Prof. K.V. Bhanu Murthy: Best paper award at International Conference in Jaipur, January, 2012.

Awarded Silver Medal by Faculty of Rural Development and Applied Economics, University of Debrecen, Hungary, June 2011.

Sixth National Conference on Capital Market, IBS Gurgaon, 2012, won the best paper award.

A total of thirteen papers in the Top Ten List in the world @ SSRN.COM, of which five in All Time Top Ten List in the world.

All time rating @ SSRN.COM, 98.6 percentile out of 1, 68,000 economists in the world.

Prof. Sanjay K. Jain: The joint paper “Exploring Impact of Consumer and Product Characteristics on E-Commerce Adoption: A Study of Consumers in India” presented at

the 5th International Conference on Services Management being organized by Institute for International Management and Technology (India), Penn State School of Hospitality Management (USA) and Oxford Brookes University Business School (UK) on May 18-21, 2011, New Delhi was adjudged as the best paper at the Conferences.

Dr. A.K. Singh: Best Business Academic of the year (BBAY) Award – 2011 Gold Medal Awarded jointly to Dr. Ajay Kr. Singh and Ms. Shilpi Sahi by Indian Commerce Association on Dec. 15, 2011 in the Valedictory Session of 64th Annual All India Commerce Conference at Pondicherry University, Puducherry for presenting the best paper of the four technical sessions and Seminar Session out of around 700 papers.

Gold Medal and Prof Manubhai M. Shah Memorial Research Award 2011 Awarded jointly to Dr. Ajay Kr. Singh and Ms. Monika Bansal by Indian Commerce Association on December 15, 2011 in the Valedictory Session of 64th Annual All India Commerce Conference at Pondicherry University, Puducherry for presenting the best paper of the Prof. Manubhai M. Shah Memorial Research Gold Medals: Empirical Researches in the field of Marketing.

Best Business Academic of the year Award – 2011 Silver Medal Awarded jointly to Dr. Ajay Kr. Singh, Dr. Niti Bhasin, and Mr. Sameer Lama by Indian Commerce Association on Dec. 15, 2011 in the Valedictory Session of 64th Annual All India Commerce Conference at Pondicherry University, Puducherry for presenting the best paper in the technical session on MGNREGA out of around 250 papers.

Silver Medal was awarded by Dean of Faculty of Applied Economics and Rural Development, University of Debrecen, at Hungary on June 2, 2011.

Dr. Kavita Sharma: Received the Best Research Paper Award in International Conference held in Singapore in November 2011.

Dr. Vanita Tripathi: Research paper “Investment Strategies in Indian Stock Market: A Survey” has been listed in SSRN’s Top Ten download list for Emerging Markets: Finance, 2011.

Dr. Niti Sury: Best Business Academic of the Year Award – 2011, Silver Medal Awarded jointly to Dr. Ajay Kr. Singh, Dr. Niti Bhasin, and Mr. Sameer Lama by Indian Commerce Association on 15 December 2011 in the Valedictory Session of 64th Annual All India Commerce Conference at Pondicherry University, Puducherry for presenting the best paper in the technical session on MGNREGA out of around 250 papers.

Seminars/Conferences attended

Prof. K.V. Bhanu Murthy: Presented one paper and won award at International Conference, held at Jaipur, January, 2012. Chaired Session and acted as jury at Sri Ram College of Commerce, March 2012.

Presented four papers and Chaired one session and won Best paper Award, at Sixth National Conference on Capital Markets, IBS, Gurgaon, February 2012.

Inaugural address at Shaheed Bhagat Singh College National Seminar on Mergers and Acquisitions, January 2012.

Valedictory address and jury at National Seminar on Corporate Governance, at Shri Guru Gobind Singh College of Commerce, February 2012.

Chaired Session in National Seminar on Future of Corporate Finance in India, Delhi College of Art and Commerce, March 2012.

Prof. J.P. Sharma: Presented a paper in a Global Convention organized by the London based 'World Council for Corporate Governance' & IOD at London, incorporating 11th International Conference on Corporate Governance & 2nd Global Conference on Sustainability on 12-14 October 2011. The Council invited me to speak on 'The Role of Independent Directors' in the 'Golden Peacock' awarding ceremony for Corporate Governance and Sustainability.

Presented a paper titled 'Chinese Labour Laws are Unsuitable for India' at CEA (UK/Europe)'s two days International Conference 'the China's Economic Dynamics and its Impacts on World Economy' organised by the University College of Dublin at its 'Quin School of Business', 14-15 July 2011.

Chaired one session on "Global Practices in Corporate Governance & Corporate Governance in Individual Countries in Asian Region", in the 3rd International Conference on Corporate Governance in Asia organized by the Institute of Public Enterprises, India and University Tun Abdul Razak Kuala Lumpur, Malaysia, 28-29 November, 2011 at Hyderabad. Delegates were presenters from across Asia and New Zealand.

Main Speaker at UGC Sponsored National Seminar on 'Economic Development of Jharkhand', organized by the AS College Deoghar, Jharkhand, 16-17 March 2012.

Addressed a Seminar on "Contemporary Issues in Finance, organized by the Bharatiya Vidya Bhawan's Usha & Lakshmi Mittal Institute of Management, KG Marg New Delhi, 24-25 February 2012.

Delivered Keynote address in National Seminar-'Empowering Growth Through Corporate Governance and Economic Stability Measures' organized by the SGGSC University of Delhi, 23-24 February 2012.

Chaired one session on "Challenges of Corporate Governance with Special Reference to the Satyam Case" at the National Convention on Good Governance and National Development organized by the Management Development Academy, Jaipur, 9-10 September 2011.

Prof. Sanjay K. Jain: Made a presentation as a Panel Speaker on Marketing and Co-chaired the Technical Session at the National Seminar on 'Strategies for Sustainable Competitive Advantage in a Globalized Era', by ITM University, Gwalior, 19 August 2011.

Delivered a key speaker presentation on 'Commerce Education and Climate Change' at the International Conference on Corporate and Business Response to Climate Change – From Awareness to Action (Transcending the Boundaries) organized by Periyar University, Salem, 7 December 2011.

Chaired the Session and made a theme presentation on 'Green Products and Green Marketing' at the International Conference on Corporate and Business Response to Climate Change – From Awareness to Action (Transcending the Boundaries) organized by Periyar University, Salem, 8 December 2011.

Dr. A.K. Singh and Dr. Vandna Sharma: Key attributes of successful knowledge management: an empirical study in telecommunication and software industries, *International Journal of Business Information Systems, Inderscience Journal*, Vol. 7, Issue 1, pp. 78-92, Geneva, Switzerland, ISSN: 1746-0972 EISSN: 1746-0980.

'Knowledge Management antecedents and its impact on Employee Satisfaction: A Study on Indian Telecommunication Industries', *Learning Organization, The – TLO*, Vol. 18, Iss: 2 pp. 115-130. *Emerald Journal*, UK.

Dr. A.K. Singh and Dr. Shilpi Sahi. 'Motivation Orientation of Employees: An Empirical Analysis in Select Organizations' *MAIMS Journal of Management*, Vol. 6, No.1. Presented 12th Annual International Seminar on "Globalization of Higher Education: Challenges and Opportunities; at New Delhi, 4-5 January 2012.

Dr. A.K. Singh and Dr. Sonia Sabharwal. 'Talent Quotient Model for Effective Talent Management: An Empirical Study', *Indian Journal of Commerce*, Vol. 64, No. 2, pp.145-156, presented in the 63rd All India Commerce Conference organized by Indian Commerce Association at Goa University, Goa, India in 2010. The paper was selected as the Second best paper in the technical session on Talent Management in the Globalized Scenario.

Dr. Kavita Sharma: Annual International Conference on Political Science, Sociology and International Relations, PSSIR -2011 held in Singapore, 7-8 November 2011.

'Emerging Markets in New World Order Conference – The Paradigm Shift' organized by Academy of Indian Marketing.

International Conference organized by Punjab Commerce and Management Association, PCMS-SMS.

Dr. Vanita Tripathi: Presented research paper titled 'Overreaction Effect in Indian Stock Market' at II World Finance Conference held at Rhodes Greece (Co-author) Shalini Gupta, 14-16 June 2011.

Participated in International Conference on 'Corporate Governance: The Road Ahead' organized by Sri Ram College of Commerce, 27-28 March 2012.

Presented research paper titled 'Short term return effect of International listing of stocks: a study of Pharmaceutical and Chemical companies in India' at 6th National Conference on Indian Capital Market held at IBS Gurgaon (Co-author) Rachna Jain, 2-3 March 2012.

Research paper titled 'Debt Equity Ratio and Company Characteristics in India' presented at National Conference organized by Guru Nanak Dev Institute of Management, IP University (Co-author) Lalit Kumar, 27 January 2012.

Dr. Niti Sury: Presented a paper entitled 'The Impact of Bilateral Tax Treaties on FDI Inflows: The Case of India' at the Sixth National Conference on Indian Capital Market: Emerging Issues held at IBS, Gurgaon, jointly with Prof. K. V. Bhanumurthy, 2-3 March 2012.

Presented a paper entitled 'MGNREGA: A Critical Assessment of Issues and Challenges', presented at the 64th All India Commerce Conference held at School of Management, Pondicherry University, Puducherry, jointly with Dr. A. K. Singh and Mr. Sameer Lama, 13-15 December 2011.

Publications

Books

Bhanu Murthy, K.V. 2011. State of Environment in South Asia. R. Jha (Ed.) Handbook of South Asian Economics, Routledge, London.

2011. Corporate Governance in Banks – An Eclectic Approach. Corporate Governance in Banks. (ed.) R.K. Mishra, et. al. Mac Millan, New Delhi.

2011. Business Ethics and Corporate Responsibility – About Social Responsibility Standards. Corporate Governance Beyond Boundaries, Advanced Research Series, (ed.) R.K. Mishra, et. al. Mac Millan, New Delhi.

Bhanu Murthy, K.V. and Deb, A.T. 2011. Corporate Governance in Foreign Banks in India. Corporate Governance in Banks. (ed.) R.K. Mishra, et. al. Mac Millan, New Delhi.

2011. Corporate Governance and Socialization of Capital: Ownership Structure of Banks and Basel Norms. Corporate Governance Beyond Boundaries, Advanced Research Series, (Ed.) R.K. Mishra, et. al. Mac Millan, New Delhi.

Sharma, J.P. 2012. 'An Easy Approach to Corporate Laws', Ane Books Pvt. Ltd, New Delhi (1st Edn), ISBN 9789381162859, 2012.

2012. "An Easy Approach to "Business and Industrial Laws", Ane Books Pvt. Ltd, New Delhi (1st Edition), Pages 613, ISBN 9789381162712.

2012. "An Easy Approach to Business Laws", Ane Books Pvt. Ltd, New Delhi (1st Edn), Joint Author, p. 567, ISBN 9789381162309.

Sharma, K. 'Advertising: Planning and Decision Making' published by Taxmann Publishers.

Conference Papers

Bhanu Murthy, K.V. and Singh, A.K. 2011. 'Do Foreign Institutional Investors really drive the Indian stock market?', World Finance Conference, Rhodes, Greece.

Bhanu Murthy, K.V. and Sinha, M.K. 2011. 'Dominance and Concentration Patterns in Global FDI flows'. World Finance Conference, Rhodes, Greece.

Bhanu Murthy, K.V. and Gupta, L. 2011. 'Growth Accounting Approach: Impact of Non-Performing Assets on Performance', Sixth National Conference on Capital Markets, IBS, Gurgaon.

2011. 'Growth Accounting Approach: Impact of Non-Performing Assets on Performance', Sixth National Conference on Capital Markets, IBS, Gurgaon.

Bhanu Murthy, K.V. and Singh, A.M. 2011. 'IPO Pricing: Who Does IPO Grading Help?' Sixth National Conference on Capital Markets, IBS, Gurgaon.

Bhanu Murthy, K.V. and Bhasin, N. 2011. 'The Impact of Bilateral Tax Treaties on FDI Inflows: The Case of India', Sixth National Conference on Capital Markets, IBS, Gurgaon.

Bhanu Murthy, K.V. and Deb, A.T. 2011. 'Institutional Economics: An approach to analyze the conduct of foreign banks in India'. Sixth National Conference on Capital Markets, IBS, Gurgaon.

Research Papers

Sharma, J.P. and Sachdeva, G. 2011. 'Corporate Governance in India: Investors Perspective'-Paper published in the *Indian Journal of Corporate Governance* published by the Institute of Public Enterprises, pp. 1-14.

Sharma, J.P. 2011. 'Board of Directors Response to Financial Crisis'-Paper published in the Conference Vol. of the 3rd International Conference on Corporate Governance in Asia organized by the Institute of Public Enterprises and University Tun Abdul Razak Kuala Lumpur, Malaysia, Hyderabad, pp. 31-52.

2011. 'Emerging Issues in Corporate Laws'-Paper published in the The Chartered Accountant Journal of the Institute of Chartered Accountant of India, New Delhi, pp. 19-26.

'What Went Wrong With Satyam?'-Paper published in the Convention Vol. of the London based World Council for Corporate Governance & IOD, which organized a Global Convention incorporating 11th International Conference on Corporate Governance & 2nd Global Conference on Sustainability on 12-14 October, 2011. Invited by the Council to speak on the paper in the 'Golden Peacock' awarding ceremony for Corporate Governance and Sustainability.

Sharma, J.P. and Vij, S.T. 'Emerging Role of Company Secretaries in Practice: A Study'-Paper published in the Convention Souvenir of 39th National Convention of Company Secretaries organized by the Institute of Company Secretaries of India at Agra, 13-15 October 2011.

Jain, S.K. 'Exploring Impact of Consumer and Product Characteristics on E-Commerce Adoption: A Case Study of Consumers in India', a joint paper published in *Journal of Technology Management for Growing Economies*, Vol. 2, No. 2, October 2011, pp. 35-64.

'Consumer Response to Retail Stockouts and Antecedents Thereof: A Conceptual Framework', a joint paper published in *Business Analyst*, Vol. 32, No.1, April – September, 2012.

Khanna, S.R. and Singh, P. 2011. 'Consumer Satisfaction with Quality of Banking Services'. Published by Voice Society.

2011. 'Consumer Satisfaction with Quality of Multi-Specialty Hospital Services'. Published by Voice Society.

2011. 'Consumer Satisfaction with Quality of Home Loan Services'. Published by Voice Society.

2011. 'Consumer Satisfaction with Quality of Domestic Airlines Services'. Published by Voice Society.

Sharma, K. 2011. 'An Investigation into the Relevance of Political Advertising in India' to be published in Conference proceedings, Annual International Conference on Political Science, Sociology and International Relations, PSSIR.

2011. 'A Conceptual Framework on Customer Lifetime Value: Its Components and Metrics' in *Business Analyst Political Advertising and Voting Behaviour in India: The Mediating Role of Voting Decision Involvement in the GSTF Journal of Law and Social Sciences*.

Tripathi, V. Research paper (Co-author) Sheetal Gupta titled 'Effectiveness of the Skewness and Kurtosis Adjusted Black- Scholes Model in Pricing Nifty Call Options' in the *Indian Journal of Commerce*, ISSN:0019-512X, Oct-Dec 2011 Vol 64, No.4 pp. 17-27.

FINANCIAL STUDIES

Ph.D. Degrees awarded

Ph.D. - 5

Programmes taken up involving inter-institutional collaboration:

The Department signed an MoUs with Acron University, USA for exchange of students and faculty.

Appointments of faculty members to higher Posts/Assignments

Prof. I.M. Pandey: Appointed as Vice President and Chair Professor, Asian Institute of Technology, Paholyothin Highway, Klong Luang, Pathumthani, Thailand.

Seminars/Conferences held

The XXIVth Annual Convention on “Indian Financial Sector-Agenda For Reforms” was held on 17 September 2011.

Publications

Books

Chhabra, S. and Kumar, M. 2011. Strategic Enterprise Resource Planning Models for E-Government: Applications and Methodologies, IGI Global, USA.

Research Articles

Sehgal, S. 2011. Modelling and forecasting interest rates: Evidence from Indian debt market, *Bank and Bank Systems*.

2012. Short term prior return patterns in stock returns: Evidence from BRICKS countries, *Investment management and Financial Innovation*.

2012. Relationship between Crosssectional volatility and stock returns: Evidence from India, *Investment Management and Financial Innovation*.

2012. A search for rational sources of stock return anomalies: Evidence from India, *International Journal of Economics and Finance*.

Kumar, M, Sareen, M. and Barquissau, E. 2012. Relationship between types of trust and level of adoption of Internet banking, *Problems and Perspectives in Management*, Vol. 10, Issue 1.

Kumar, M, Kumar, S. Laurence PORTEU De La MORANDIERE, Impact of Merger Announcement on Share Price: An Evidence From Indian Banking, *Bank and Bank Systems*, Vol. 6, Issue 4, 2011.

COLLEGES

ACHARYA NARENDRA DEV COLLEGE

Research Scheme

Dr. Savithri Singh: OER Content Development for the University of Mumbai, Commonwealth Educational Media Center for Asia, Commonwealth of Learning.

Library Development

Total budget : ₹ 8,12,266/-
Books added : 1,326

Appointments of faculty members to higher Posts/Assignments

Dr. Savithri Singh: Member UGC Representative on Governing Body of Government Science College, Raipur, Chhattisgarh.

Dr. Gagan Dhawan: Visiting Faculty to Laboratoire de Chimie des Polymeres Organiques, University of Bordeaux, France, August 2011.

Honours/Distinctions

Dr. Savithri Singh: Winner of the prestigious OPAL Award 2011 in the category of 'Award for Institutions' in an investiture ceremony at the On line Education Conference, Berlin, Germany, 2 December 2011.

Dr. Sarita Kumar: Selected 'Open Access Competition Winners' amongst ten worldwide to celebrate the 'Open Access Week' by International Network for the Availability of Scientific Publications, UK.

Awarded Meritorious Teacher Award by the Directorate of Higher Education, Govt. of NCT of Delhi, May 2011.

Awarded Shiksha Rattan Puraskar by India International Friendship Society in October 2011.

Dr. Gagan Dhawan: Awarded 'Universitas 21 Award' to do Masters degree in Bioinformatics from University of Edinburgh, UK under University of Delhi Faculty Training Programme in November 2011.

Dr. Amit Garg: Awarded Second Prize for the book '*Tsunami Lahron Ka Kehar*' under Original book writing scheme in Hindi by Ministry of Earth Sciences, Govt. of India in 2011.

Seminars/Conferences held

National Seminar 'Teaching Redefined: Open Access to Education', 1 November 2011.

Seminars/Conferences attended

Dr. Savithri Singh: 'Going Global' 2012: International Educational Conference in London, on invitation from the British Council, 13-15 March 2012.

Third International Conference on e-Learning, Universiti Teknologi MARA, Malaysia, 29-30 November 2011.

Dr. Amit Garg: Chaired a session and presented two papers 'Investigating material removal mechanisms during laser ablation of InSb' and 'Polarization studies using Jones' calculus in under-graduate optics laboratory' at the International Conference on AOP' 2011, University of Minho, Braga, Portugal, 3-7 May 2011.

3rd International Conference on 'Current Developments in Atomic, Molecular, Optical & Nano Physics' CDAMOP 2011, University of Delhi, Delhi, 14-16 December 2011.

Dr. Arijit Chowdhuri: Paper 'Detection of TATP precursor acetone at trace levels using rf sputtered SnO₂ thin film based sensors' at SPIE Defence Security and Sensing Conference, Chemical, Biological, Radiological, Nuclear and Explosives, Sensing XII', Orlando, Florida, USA, 28-29 April 2011.

Dr. Gagan Dhawan: Workshop on Managing Bibliography with End Note, School of Biological Sciences, University of Edinburgh, UK, 22 April 2011.

Dr. Ram Kumar: Chaired a session, Workshop on Zooplankton identification, Guangzhou, China, July 2011.

Chaired a session and presented a paper in International Conference on 'Monitoring and Management of Degraded Wetlands', Pattaya, Thailand, August 2011.

Dr. Udaibir Singh: Paper 'Characterization of Palladium thin film deposited by pulsed laser deposition', International Conference on AOP'2011, University of Minho, Braga, Portugal, 3-7 May 2011.

Mr. V. Bhasker Raj: Paper 'Utilization of mass and elastic loading in SAW sensor for mustard gas stimulant', International Conference on Key Engineering Materials, Singapore, 26-28 February 2012.

Mr. Vishal Dhingra: Papers 'Innovating spectrometry studies at undergraduate level using a linear CCD array' and 'Laser based study of geometrical optics at school level' Optical Engineering + Applications (SPIE Optics + Photonics) Conference, San Diego, California, USA, 21-25 August 2011.

Mr. Sadanand: International Satellite Seminar on 'Role of Mathematics in Science and Engineering', Graphic Era University, Dehradun, UK, 13-14 May 2011.

Dr. Subhash Kumar and Dr. Sukanta Deb: Member Organization Committee, International Workshop on Stellar Spectral Libraries, University of Delhi in association with IUCAA-Pune, DST, New Delhi and Indian Astronomical Union, 5-9 December 2011.

Dr. Sunita Hooda: 3rd International Exhibition and Conference on Scientific, Biotechnology, Analytical and Lab Technology, India Lab Expo 2011, New Delhi, 8-9 December 2011.

Dr. Sarita Kumar, Dr. Ravi Toteja, Dr. Manisha Jain and Dr. Rajesh Chaudhary: National Seminar on Teaching Redefined: Open Access to Education, sponsored by INASP, UK, 1 November 2011.

Publications

Books

Garg, A. 2011. *Tsunami Lahron Ka Kehar*, Delhi: Vidyarthi Prakashan.

Kapil, P.N., Tyagi, P. and Kumar, S. 2011. *Visualised Science (Term I-II)* – CBSE X (ISBN: 978-81-8350-352-5), (ISBN: 978-81-8350-353-2). Delhi: Sultan Chand & Sons Educational Publishers.

2011. *Visualised Science (Term I-II)* – CBSE IX, ISBN: 978-81-8350-354-9, ISBN: 978-81-8350-355-6. Delhi: Sultan Chand & Sons Educational Publishers.

Khanna, M., Solanki, R. and Lal, R. 2011. Biodiversity, Biotechnology and Man: Interdependence and Future Challenges. Chapter 6: Bioactive compounds from soil Actinomycetes (92-108). New Delhi: Biotech Books.

Kumar, S. 2011. Learning modules in science for the students seeking lateral entry to Class VI-VIII. New Delhi: NCERT.

Singh, C. 2011. *Maths Magic for Class VI-VIII*. Meerut: Eduwell Books.

Tyagi, P. and Mehra, R. 2012. *I Discover: A Textbook for ICSE Physics Class VI-VIII*. ISBN: 978-1-107-68412-6, ISBN: 978-1-107-68127-9 and ISBN: 978-1-107-66922-2. New Delhi: Cambridge University Press.

Research Articles

Beyrend-Dur, D., Kumar, R., Rao, T.R., Souissi, S., Cheng, S.H. and Hwang, J.S. 2011. 'Demographic parameters of adults of *Pseudodiaptomus annandalei* (Copepoda: Calanoida): temperature-salinity and generation effects'. *J. Experimental Marine Biol. and Ecol.* 404: 1-14.

Cheng, Shin-H., Samba, Kâ., Kumar, R., Kuo, Chung, S., Hwang, Jiang, S. 2011. 'Effects of salinity, food level and presence of microcrustacean zooplankters on the population dynamics of the rotifer *Brachionus rotundiformis*'. *Hydrobiologia*, 666: 289-299.

Garg, A., Sharma, R. and Dhingra, V. 2011. 'Polarization Studies in a Computer based Laboratory'. *Latin-American J. Physics Edu.* 5(1): 114-118.

2011. Innovating spectrometry studies at undergraduate level using a linear CCD array. Optical Engineering + Applications (SPIE Optics + Photonics), SPIE Proceedings (8129) 81290H-1-10, San Diego, California, USA.

2011. Polarization studies using Jones' calculus in under-graduate optics laboratory. International Conference, AOP 2011 SPIE Proceedings (8001) 80013R-1, Braga' Campus of the University of Minho, Portugal.

Haridas, D., Chowdhuri, A., Sreenivas, K. and Gupta, V. 2011. 'Effect of thickness of platinum catalyst on response of SnO₂ thin film sensor for LPG'. *Sensors and Actuators B* 153(1): 89-95.

2011. 'Enhanced room temperature response of SnO₂ thin film sensor loaded with Pt catalyst clusters under UV radiation for LPG'. *Sensors and Actuators B* 153(1): 152-157.

Jha, N., Singh, U., Saxena, T.K. and Kapoor, A. 2011. 'Optimal Design of Neutal Fuzzy Inference Network for Temperature Controller'. *J. Appl. Sc.* 11(15): 2754-2763.

2011. 'Online Adaptive Control for Non-Linear Processes under influence of External Disturbance'. *International J. Artificial Intelligence and Expert System*, 2(2): 36-46.

Khandelwal, D., Hooda, S. and Brar, A.S. 2011. 'Configurational sequence determination of poly (isobornyl acrylate) by NMR spectroscopy'. *J. Mol. Str.* 991: 24-30.

Khandelwal, D., Hooda, S., Brar, A.S. and Shankar, R. 2011. '1D and 2D NMR studies of isobornyl acrylate and methyl meth acrylate copolymers'. *J. Polym. Str.* 1004(99): 121-130.

Khanna, M., Solanki, R. and Lal, R. 2011. 'Selective isolation of rare actinomycetes producing novel antimicrobial compounds'. *International J. of Advanced Biotechnology & Research*, 2(3): 357-375.

Kumar, S., Ray, A., Kaur, J., Samal, R., Wahab, N. and Warikoo, R. 2012. 'Efficacy of the ethanolic leaf extracts of citrus plant, *Citrus sinensis* as larvicidal and irritant agent against dengue vector *Aedes aegypti* L'. *Asia Pacific J. Tropical Biomedicine*, 3: 152-155.

Kumar, S., Thomas, A. and Pillai, M.K.K. 2011. 'Deltamethrin: Promising mosquito control agent against adult stage of *Aedes aegypti* L'. *Asia Pacific J. Tropical Medicine*, 4(6): 430-435.

Kumar, S., Singh, A.P., Nair, G., Batra, S., Seth, A., Wahab, N. and Warikoo, R. 2011. 'Impact of *Parthenium hysterophorus* leaf extracts on the fecundity, fertility and behavioural response of *Aedes aegypti* L.'. *Parasitology Research*, 108: 853-859.

Kumar, S., Warikoo, R., Mishra, M., Seth, A. and Wahab, N. 2011. Larvicidal efficacy of the *Citrus limetta* peel extracts against Indian Strains of *Anopheles stephensi* Liston and *Aedes aegypti* L. *Parasitology Research* DOI(10.1007/s00436-011): 2814-5.

Lee, Chien-H., Dahms, Hans-U., Cheng, Shin-H., Souissi, S., Schmitt, F.G., Kumar, R. and Hwang, J.S. 2011. 'Mating behaviour of *Pseudodiaptomus annandalei* (Copepoda, Calanoida) at calm and hydrodynamically disturbed waters'. *Marine Biology* (DOI: 10.1007/s00227-011): 1632-8.

Panda, S.S., Khanna, P. and Khanna, L. 2011. 'Biginelli Reaction: A Green Perspective'. *Current Org. Chem.* 16 (4): 507-520. (Review) 102-103.

Samal, C.K., Singh, G.V. and Dhurandher, S.K. 2011. 'Stable and Reliable Broadcast Scheduling in Multi-Hop MANET'. *International J. of Eng. Sc. & Tech.* 3(9): 6962-6969.

Sehgal, N., Gupta, A., Valli, R.K., Joshi, S.D., Mills, J.T., Hamel, E., Khanna, P., Jain, S.C., Thakur, S.S. and Ravindranath, V. 2012. 'Withania somnifera reverses Alzheimer's disease pathology by enhancing low density lipoprotein receptor-related protein in liver'. *Proc. National Acad. Sc.* 109(9): 3510-3515.

Singh, C. 2011. 'Imperfect production process with exponential Demand rate, Weibull deterioration under inflation'. *International J. Op. Res.* 12(4): 430-445.

Optimal Ordering Policy for the Items with Power-form Fuzzy Stock-Dependent Demand and Imprecise Costs under Two-Storage Facility. International Satellite Seminar 'Role of Mathematics in Science and Engineering', Graphic Era University, Dehradun.

2011. 'Integrated Supply Chain Model for the Perishable Items with Fuzzy Production Rate and Fuzzy Demand Rate'. *Yugoslav J. Op. Res.* 21(1): 47-64.

Solanki, R., Lal, R. and Khanna, M. 2011. 'Antimicrobial activities of actinomycetes from diverse ecological habitats in Delhi and its adjoining States, India'. *J. Microbial World*, 13(2): 233-240.

Tseng, L.C., Kumar, R., Chen, Q.C. and Hwang, J.S. 2011. 'The summer distribution of Noctiluca and mesozooplankton abundance in the western and southern East China Sea before the Three Gorges Dam operation'. *Hydrobiologia*, 666: 239-356.

2011. 'Faunal shift between two Copepod Congeners (Temora Discaudata and T. Turbinata) in the Vicinity of two Nuclear Power Plants in Southern East China Sea: Spatiotemporal patterns of population trajectories over a decade'. *Hydrobiologia*, 666: 301-315.

Warikoo, R., Wahab, N. and Kumar, S. 2011. 'Oviposition-altering and ovicidal potentials of five essential oils against female adults of the dengue vector, Aedes aegypti L'. *Parasitology Research*, 109: 1125-1131.

2011. 'Larvicidal potential of commercially available pine (Pinus longifolia) and cinnamon (Cinnamomum zeylanicum) oils against an Indian strain of dengue fever mosquito, Aedes aegypti L. (Diptera: Culicidae)'. *Acta Entomologica Sinica*, 54(7): 793-798.

2011. Laboratory Evaluation of the Larvicidal Efficiency of Nardostachys jatamansi against an Indian Strain of Aedes aegypti. IV International Congress of Environmental Research, Surat.

2011. Potential of the leaf extracts from the weed, Argemone Mexicana against an Indian strain of Aedes aegypti L. (Diptera: Culicidae). IV International Congress of Environmental Research, Surat.

- Jaiswal, A.K., Gupta, M. and Rohira, H. 2011.** 'Differential-Pulse Anodic Stripping Voltametry Determination of Lead (Pb) Heavy Metal in Blood'. *The Indian Police Journal*, LVIII(3) 67-72.
- Warikoo, R., Ray, A., Sandhu, J.K, Samal, R., Wahab, N. and Kumar, S. 2012.** 'Larvicidal and Irritant activities of hexane leaf extracts of Citrus sinensis against dengue vector *Aedes aegypti* L'. *Asian Pacific Journal of Tropical Biomedicine*. 152-155.
- Chowdhuri, A., Sharma, A. and Gupta, V. 2011.** 'Detection of TATP precursor acetone at trace levels using rf sputtered SnO₂ thin film based sensors'. Proceedings of SPIE 8018 (8018IV), CBRNE Sensing XII', Florida, USA.
- Garg, A., Dhingra, V., Sharma, R., Singh, A.K., Joshi, D., Sandhu, K., Chakravarty, P., Wadhawan, P., Sharma, V., Khan, Z. 2011.** Laser based study of geometrical optics at school level. Optical Engineering + Applications (SPIE Optics + Photonics), SPIE Proceedings (8129)81290M-1 -10, San Diego, California, USA.
- Garg, A., Kapoor, A., Tripathi, K.N. and Bansal, S.K. 2011.** Investigating material removal mechanisms during laser ablation of InSb. International Conference 'Applications of Optics and Photonics - AOP'2011', SPIE Proceedings (8001)80010A-1-12 Braga' campus of the University of Minho, Portugal.
- Garg, A. 2011.** Investigating material removal mechanisms during laser ablation of InSb & Polarization studies using Jones' calculus in under-graduate optics laboratory. International Conference 'Applications of Optics and Photonics', Braga, Portugal.
- Haridas, D., Chowdhuri A., Sreenivas, K. and Gupta, V. 2011.** Enhanced response characteristics of SnO₂ thin film loaded with nanoscale catalytic clusters for methane gas. Proceedings of Material Research Society Symposium (1303), 169-176, Boston, MA, USA.
- Kumar, S. and Toteja, R. 2011.** Print to Digital: A study of students' psychosomatic cost in traditional and e-learning. Proceedings of 3rd International Conference on e-learning, Bandung, Indonesia.
- Singh, U., Jha, N. and Kapoor, A. 2011.** Characterization of Palladium thin film deposited by pulsed laser deposition. SPIE Proceedings (AOP11-AOP101-21), International Conference AOP' 2011, University of Minho, Braga, Portugal.
- Toteja, R. and Kumar, S. 2011.** Usefulness of m-devices in education: A survey. Proceedings of 3rd International Conference on e-learning, Bandung, Indonesia.
- Tyagi, P., Vedeshwar, A.G., Gulia, V. and Mehra, N.C. 2011.** Nano-Tubes and Tapes like formation in heat treated PbI₂ thin films. International Conference, EMSI-2011 333-334, DMRL, Hyderabad.
- Ansari, A.A. and Goel, S.K. 2011.** Accounting, Reporting, and Ethical Dimensions of NPAs in Indian Banking Industry. 64th All India Commerce Conference, Pondicherry University, Puducherry.

2011. Impact of Direct Taxes Code on Personal Taxation. 34th All India Accounting Conference & International Seminar. Indian Accounting Association, University of Rajasthan, Jaipur.

Garg, A., Kumar, D., Komal, M., Sharma, R. and Dhingra, V. 2011. Innovations in teaching communication electronics through computer interfacing. National Conference on Excellence in Higher Education, Indian Institute of Technology, New Delhi.

Hooda, S. and Kumar, A. 2011. Nickel (II) ion selective electrode for environmentally green chemical process. Proceeding of ICER 2011, (1028) 255, Surat.

Khanna, M., Solanki, R. and Lal, R. 2011. Metabolic profiling of antibiotic producing soil actinomycetes. 52nd Annual Conference of AMI, 'International Conference on Microbial Biotechnology for sustainable development', Department of Microbiology, Panjab University, Chandigarh.

Kumar, S. and Singh, H.P. 2011. MHD Waves and Instabilities in an Anisotropic Plasma Medium Consisting of Ultrarelativistic and Nonrelativistic Components in Relative Motion. Proceedings of 26th National Symposium on Plasma Science and Technology, Birla Institute of Technology, Patna.

Kumar, V., Mamgain, R. and Singh, N. 2011. Click Reaction Synthesis of Bioactive Formyl Ferrocene Thiosemicarbazone Derivatives & Their Implication As Novel Antiamoebic Agents. 3rd International Conference 'Heterocyclic Chemistry', University of Rajasthan, Jaipur.

Kumar, V., Kumar, A. and Mamgain, R. 2011. Synthesis of substituted imidazoles via a multi-component condensation catalyzed by p-toluene sulfonic acid, PTSA. National Seminar 'Advances in Natural Products chemistry and Sustainable Developments', 108, Graphic Era University, Dehradun.

2012. Parthenium hysterophous. L. (Asteraceae): A Boon or Curse?. National Seminar 'Medicinal Plants Research in India', UGC-SAP, Jamia Hamdard, New Delhi.

Toteja, R. 2011. Open Educational Resources: Success Stories. International Conference 'Open Paradigms in Education', India International Centre, New Delhi.

Garg, A., Sharma, R., Dhingra, V., Wadhawan, P. and Sandhu, K. 2011. CCD based diffraction studies in the undergraduate optics laboratory. Convergence of Optics and Electronics COE 2011, 146-152, Science City, Kolkata.

Garg, A., Mittal, A., Sharma, R., Dhingra, V., Wadhawan, P. and Sandhu, K. 2011. Measurement of Planck's constant using Radiation Law. Convergence of Optics and Electronics COE 2011, 85-93, Science City, Kolkata.

AYURVEDIC & UNANI TIBBIA COLLEGE

Seminars/Conferences held

National Seminar on temproment was held in October 2011.

C.M.E. Programmes on various topics were held in various disciplines.

ADITI MAHAVIDYALAYA

Honours/Distinctions

Dr. Lakshmi Bhatia: Awarded best teacher award from the Govt. of NCT, Delhi.

Dr. Ritu Sharma, Dr. Kamlesh Wadhwa and Dr. Sheetal Sharma: Awarded Ph.D. degree from Delhi University.

Dr. Beena Antony Reji: Appointed member of the Working Committee Developing the National AIDS Control programme NACP-V.

Seminars/Conferences held

Department of Commerce organized a National Conference on 'E-Banking Opportunities and Challenges' at Conference Hall, Delhi University, 17 February 2012.

Seminar/Conference attended

Dr. Anita Ghosh: Invited Speaker on the topic 'Sports for all brides: A Peace-The India and Pakistan example' for the XXII TAFISA World Congress in Antalya, Turkey, 10-14 November 2011.

Publications

Asha. Published two children stories Khile Khile Amaltas and Aasman Par Chidiyaghar, *Jansatta*.

Published Research paper '*Nagarju Ki Drishti Mein Nirala*'.

Sharma, R. Published an article on 'Sensitization towards the needs of children', *Asiania Sports for All*.

Jain, S. Published an article on 'Responsibilities of Stakeholders in the field of HIV/AIDS', February 2012.

Seth, U. Published article titled 'Responsibility of Schools in Promoting Healthy Behaviour among Children', *School Social Work*.

AMAR JYOTI INSTITUTE OF PHYSIOTHERAPY

Major Activities

A team of faculty members from Physiotherapy Institute, Rzeszow University, Poland visited the Institute for in October 2011 to observe the Institute's holistic approach towards education and the management of disability.

The Neurological Rehabilitation and Orthopedic clinics at AJIPT are actively involved in the Early Intervention Program of children from the low socio-economic region of NCR and the rehabilitation of school children with special needs. A Woman's Health clinic has also been started by the institute in this year.

Library Development

Total budget : ₹ 1,71,438/-
Books added : 29
Journals subscribed : 6

Seminar/Conference attended

Dr. Kshitija Bansal: Selected and presented at the 16th World Confederation for Physical Therapy Conference, held in Amsterdam, Netherland, 20-22 June 2011.

Publications

Parasher, R.K., Nagy, D., Em, A., Phillips, H.J. and McDonough, A.L. 2012. Clinical measurement of ankle instability. *Manual Therapy*, <http://dx.doi.org/10.1016/j.math.2012.02.015>.

Juneja, H., Verma, S.K. and Khanna, G.L. 2011. 'Isometric Peak Force of Shoulder Rotators in Cricketers with and without history of Shoulder Pain'. *Journal of Exercise Science and Physiotherapy*, 7(1): 42-49.

AHILYA BAI COLLEGE OF NURSING

Seminar/Conference held

International Conference was held in the subject of Gynae. Obstetrics on the topic of 'Post-partum hemorrhage'.

Publications

Book

Gusain, S. 'Caring for elderly', New Delhi: Kumar Publication.

ATMA RAM SANATAN DHARMA COLLEGE

Library Development

Total Budget	:	₹ 6,82,500/-
Books added	:	1,498
Journals Subscribed	:	48

Seminars/Conferences attended

Geetanjali Batra: Pricing of services pp. 230-239 presented paper at National Conference on Marketing of services in global Scenario, in School of Management, Gautam Buddha University, Greater Noida, 19 December 2011.

Presented paper 'Corporate Social Responsibility for Sustainable Development' at UGC National Seminar on Business for Sustainable Development, in Jesus & Mary College, New Delhi, 16-17 February 2012.

Total Quality Management to achieve Business Stability and Growth Pages 8. Presented poster at UGC National Seminar on Empowering Growth through Corporate Governance and Economic Stability Measures, in Sri Guru Gobind Singh College of Commerce, Delhi, 23-24 February 2012.

Insider Trading Some Case Studies Pages 42. Presented paper at International Conference on Corporate Governance: The Road Ahead, Shri Ram College of Commerce College, Delhi, 27-28 March 2012.

Ms. Neha Singhal: Corporate Governance – A question of Ethics 14. Presented poster at the National Seminar on Empowering Growth through Corporate Governance and Economic Stability Measures, at Sri Guru Gobind Singh College of Commerce, University of Delhi, 23-24 February 2012.

Publications

Bhardwaj, R., Dixit, V.S. and Upadhyaya, A. 2012. 'A Fuzzy Intra Clustering Approach for Load Balancing in Peer-to-Peer System', Published in *JICS*, Vol. 7, No. 1, ISSN 1746-7659, UK.

2011. 'A Sort (N/G) Method Communication Sets', *CSJM*, Madova, Vol. 19, No. 3(57).

Bhatia, K.S., Mehta, H. and Dixit, V.S. 2011. 'Aggregate profiling for Recommendation of web pages SOM and K-Means Clustering Techniques'. *IJCA*, Vol. 36, No. 9, DOI-10.5120/4518-6406.

Mehta, H., Bhatia, K.S., Bedi, P. and Dixit, V.S. 2011. 'Collaborative Personalized Web Recommender System using Entropy based Similarity Measure', *IJCSI*, Vol. 8, Issue 6, ISSN: 1694-0814.

Journal Article

Rajput, N., Batra, G. and Pathak, R. 2012. Linking CSR and Financial performance: An Empirical Validation Problems and Perspectives in Management Issue 2.

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES

Major Activities

Organized Entrepreneurship Awareness Camp for college students in collaboration with IEDC, AND College from 4-6 January 2012 in college campus. This camp was sponsored by NSTEDB, DST, Government of India.

A talk on 'Disability issues' delivered by Mr. T.D. Dhariyal, Dy. Chief Commissioner from Persons with Disabilities, Ministry of Social Justice and Empowerment, Govt. of India on 25 January 2012.

The college in collaboration with the Department of Science & Technology, Govt. of India, organized two INSPIRE Science camps for school students to motivate them to pursue science research as career.

The Department of Food Technology conducted first International 'Better Process Control School for Manufacturers of low Acid Foods' in collaboration with the U.S. Food and Drug Administration, India Office. Dr. Shalini Sehgal acted as course Co-ordinator & Trainer and Dr. Rizwana acted as Co-coordinator & Trainer at Negombo, Sri Lanka, 21-23 Nov. 2011.

Library Development

Total budget	:	₹ 20,87,838/-
Books added	:	4000
Journals subscribed	:	28

Seminars/Conferences attended

Dr. Jitender Kumar: Attended an International Conference ICMAT 2011 on the topic 'synthesis and Characterization of II-VI Compound Semi-conductor Quantum Dots for Enhancing the Electroluminescence of Polymer based light Emitting Diodes' at Suntec Singapore, 26 June-1 July 2011.

Presented a papers 'To Study the Effect of Annealing on the Optical Properties of Graphene Oxide and 'Fabrication and Characterization of P3HT-PCBM Quantum Dot based Solar Cell' at International Conference IWPSD, IIT Kanpur, 19-22 December 2011.

Dr. Geeta Mongia and Dr. Inderbir Kaur: Attended Indo-Japan Conference on FNE-2012 at School of Engineering and Technology, Sharda University, Noida, 9-11 Jan. 2012.

Dr. Uma Chaudhary: Presented a paper on 'Characterization of Putative Immuno-Dominant Proteins of Chlamydia Trachomatis to be Positionally Conserved and Secreted using a Bioinformatic Approach' in the 12th International Union of Sexually Transmitted Infections - World Congress, New Delhi, 2-5 November 2011.

Dr. Susmita Dey, Sadhu, Dr. Saroj Kumar Shukla and Dr. Birkamjit Kaur: Participated in an International Conference on Nanomaterials and Nanotechnology: ICNANO 2011, New Delhi, 18-21 December 2011.

Participated in an International Conference on Emerging Trends in Developing Eco-friendly and Energy Efficient Elastomeric Material and Processing Technology in Mumbai, 20-21 January 2012.

Dr. Saroj Kumar Shukla: Attended 7th National Symposium and Conference on Solid State Chemistry and Allied Areas, at Jamia Milia Islamia University, Delhi, 24-26 Nov. 2011.

Attended National Conference on Futuristic Materials, Sharda University, Greater Noida, 15-17 September 2011.

Publications

Books

Bhatt, G. and Mongia, G. On Experiments Based on Analog and Digital Electronics, New Delhi: I.K. International Publishing Co..

Research Articles

Golechha, M., Chaudhry, U., Bhatia, J., Saluja, D. and Arya, D.S. 2011. 'Naringin Protects against Kainic Acid-Induced Status Epilepticus in Rats: Evidence for antioxidant, Anti-Inflammatory and Neuro Protective Intervntion' in Biological and Pharmaceutical Bulletin, 34(3): 360-365.

Golechha, M., Chaudhry, U., Saluja, D. and Arya, D.S. 'Sesamol Protects Kainic Acid Induced Status Epilepticus in Rats: Evidence for an Antioxidant, Antiapopatotic and Neuroprotective Intervention' in Epilepsia, 52 (Suppl. 6): 23-263.

Patel, A.L., Chaudhry, U., Sachdev, D., Sachdeva, P.N., Bala, M. and Saluja, D. 'An Insight into the Drug Resistance Profile and Mechanism of Drug Resistance in Neisseria gonorrhoeae' in *Indian Journal of Medical Research*, 134, pp. 419-431.

Kataria, R. and Sharma, H.K. 2011. 'An Extractive Spectrophotometric Determination of Tin as Sn(II)-6-Chloro-3-hydroxy-7-methyl-2(4'-methoxyphenyl)-4-oxo-4H-1-benzopyran Complex into Dichloromethane' in *Eurasian Journal of Analytical Chemistry*, 6: 140-149.

2012. '3-Hydroxy-2-[1'-phenyl-3'(4'-methoxy)-4'-pyrazoyl]-4-oxo-4H-1-benzopyran as a Spectrophotometric Reagent for the Micro-determination of Tin' *Journal of Indian Chemical Society*, 89: 121-126.

Madan, J.K., Madhwal, D., Singh, I., Phatnagar, P.K. and Mathur, P.C. 2011. 'Colour Tuning and Enhanced Performance of MEH- PPV based Polymer Light Emitting Diodes by using CdSe/ZnS Uncapped Quantum Dots as Dopants'. *Journal of Nanophotonics*, 5, 053518.

- Madhwal, D., Singh, I., Kumar, J., Bhatnagar, P.K. and Mathur, P.C. 2011.** 'Increasing the Luminous Efficiency of a MEH-PPV based PLED using Salmon DNA and Single Walled Carbon Nanotube' *Journal of Luminescence*, 131, 1264-1266.
- Singh, I., Madhwal, D., Kumar, J., Rait, S., Bhatnagar, C., Kaur, I., Bhardwaj, L.M., Bhatnagar, P.K. and Mathur, P.C. 2011.** 'Effect of thermal annealing on the efficiency of P3HT: PCBM Bulk Heterojunction Solar Cells'. *Journal of Nanophotonics*, 5, 053504.
- Gupta, R.B., Kumar, J., Madhwal, D., Singh, I., Kaur, I., Bhardwaj, L.M., Nagpal, S., Bhatnagar, P.K. and Mathur, P.C. 2011.** 'Improvement in the Luminous Efficiency of MEH-PPV Based Light Emitting Diodes Using Zinc Oxide Nanorods Grown by the Electrochemical Technique on ITO Substrate', *Physica scripta*, 84, 015705.
- Rastogi, R.P., Singh, N.B. and Shukla, S.K. 2011.** 'Nano Size Copper Encapsulated Urea-Formaldehyde Resin Film for Arsenic (III) Removal from Aqueous Solution, in *Indian Journal of Engineering and Material Science*, 18: 390-392.
- Shukla, S.K. and Tiwari, A. 2011.** 'Synthesis of chemical Responsive Chitosan-grafted-polyaniline Bio-composite, in *Advance Material Research*, 306-307: 82-86.
- Shukla, S.K. 2012.** Advancement in Cellulose Based Bio-plastics for Biomedicals, in *Intelligent Nanomaterials*, ISBN: 978-1-60876-544-7, (ed.) Tiwari, A., Mishra, A.K., Kobiyashi, H. and Turner, A.P.F., John Wiley, Scrivener Publishing House, USA.
- Dhand, C., Das, M., Datta, M. and Malhotra, B.D. 2011.** 'Recent advances in polyaniline based biosensors', *Biosensors and Bioelectronics*, 26, 2811.
- Das, M., Dhand, C., Sumana, G., Srivastava, A.K., Nagarajan, R. and Malhotra, B.D. 2012.** 'Electrophoretically fabricated core-shell CNT-DNA biowires for biosensing', *Journal of Material Chemistry*, 22: 2727-2732.
- Das, M., Dhand, C., Sumana, G., Srivastava, A.K., Vijayan, N., Nagarajan, R. and Malhotra, B.D. 2011.** 'Zirconia grafted carbon nanotubes based biosensor for M. Tuberculosis detection, *Applied Physics Letters*, 99, 143702.
- Dhyani, H., Dhand, C., Malhotra, B.D. and Sen, P. 2012.** 'Polyaniline-CdS Quantum Dots Composite for Mediator Free Biosensing', *Journal of Biosensors & Bioelectronics*, doi: 10.4172/2155-6210.1000112.
- Anjum, A., Lokeswari, P., Kaur, M. and Datta, M. 2011.** 'Removal of As (III) from Aqueous Solutions Using Montmorillonite', *Journal of Analytical Sciences, Methods and Instrumentation*, 1: 25-30.

BHARATI COLLEGE

Seminars/Conferences attended

Shivani Jha: Presented a paper 'A Return to the Roots: Relevance and Exemplification', Conference 'Literature and Environmental Conservation: Responsibilities' held at Trinity College, Dublin, Ireland.

Presented a paper 'Plundering the Blue Waters: A Study in Imperialism and Paganism', Conference, 'The Caribbean: Aesthetics, Ecology, Politics' organized by the University of Warwick, UK.

Paper 'The Hungry Tide: Eco-critical Explorations' was read at the ACLA Annual International Conference held at Brown University in Providence, Rhode Island.

Rekha Sapra: Presented the paper 'Language Model for Teaching Science in the Primary Grade' at the Canada International Conference on Education held at Toronto, Canada.

Presented a paper 'Story Telling to Enhance Social and Emotional Well Being in Children: An Indian Perspective' at a Conference organized by Manchester University and the European Network for Social and emotional Competence in Children.

Presented the paper 'Nurturing the Potential for Advanced Development: A Case for Identification of Indicators of Giftedness in Early Childhood' at the Oxford University.

Presented the paper 'Value Based Education for Children 0-6 years' and 'Language Model for Teaching Science in Primary Grades' at the National Seminar at the Ramakrishna Teacher Training Institute.

Read the paper 'Nurturing the Potential of Children in Early Childhood' at the National Conference on 'Sustainable Development: A Collective Vision' organized by the Institute of Home Economics.

Anavisha Bannerji: Presented a paper entitled 'Purity, Hybridity and Cultural Translation in Bharati Mukherjee's Novels' at an International Conference on 'Text, Culture and Performance: Postcolonial Issues', Ranchi in February 2012.

Read a paper titled 'A Philosophical, Religious and Social Perspective on Tagore's *Geetanjali* and Selected Poems' at the International Conference on 'Revisiting Tagore', JNU, New Delhi.

Vinay Bharadwaj: Presented a paper on 'Women's Right to Productive Resources as a Strategy for Sustainable Development in Developing Countries' at an International Conference organized by MIT University, Gwalior.

Kanta Rani Bhatia: Read a paper titled 'A Comparative Study of the Shabda Brahma Theory of Bhartrihari and Advaita Brahma Theory of Vedanta Philosophy' at the Twentieth International Congress of Vedanta organised by the Centre for Indic Studies, University of Massachusetts, Dartmouth and the Special Centre for Sanskrit Studies and the Centre for Philosophy, JNU, New Delhi.

Mukti Sanyal: Workshop on the Teaching of Spoken English at the ELTAI-Jaipur Chapter of the 2nd International ELTAI Conference held at Jaipur.

Chaired a session at the UGC sponsored National Seminar 'Indian Writing in English: A Search Within' at the PGGCG Chandigarh.

Shubhra Kathuria: Presented the paper 'Lawnball: An Indian Survey' at the International Seminar on 'Physical Education, Recreation and Yogic Sciences' at the Banaras Hindu University.

Presented a paper at the National Seminar on 'Scientific Approach to Sports' at the Aligarh Muslim University titled 'Lawnball: A Comparative Perspective between India and Malaysia'.

Manju Sharma: Read the paper 'Hindi patrakarita ka sashakt madhyam: Internet patrakarita' at an International Conference organized by the Dayalbagh Sikshan Sansthan.

Read a paper titled 'Bazaar ka chhadm yatharth aur mulyahin patrakarita' at the National Seminar at PGDAV (E) College.

Read the paper 'Nagarjun ki samaajik chetna: Ugratash ke sandharbha mein' at the National Seminar on 'Agyeya evan Nagarjun ka sahitya: Vividh Ayaam' at Hansraj College, University of Delhi.

Anavisha Bannerji: Presented a paper titled 'Identity Formation in Bharati Mukherjee's Novels' at the National Young Researchers Seminar held at the JNU, New Delhi.

Read a paper 'Diversity of Perspectives: Migrant Women and Identity in the Novels of Bharati Mukherjee' at a UGC sponsored National Seminar on 'Indian Writing in English: A Search Within' at the PGGCG Chandigarh in March 2012.

Kamini Bhutani: Presented the paper 'Banking and Financial Sector Reforms: Still Miles to go' at the National Conference on 'Empowering Growth through Corporate Governance and Economic Stability Measures' at the Guru Gobind Singh College of Commerce.

Harikishni: Presented a paper titled 'Standardization: Implications and Awareness' at the 4th HSB National Conference at Hisar.

Presented a paper 'Green Banking: Scope and Success' at a National Conference at BVIMR University.

Presented 'SEWA Bank: A Vision for the Future' at the National Seminar organized by Delhi College of Arts and Commerce.

Publications

Bhatia, K.R. 2011. *Sanskrit Bhasha Naipunyam Part-1* (prescribed for the first year students of the University of Delhi): New Delhi: Vidyanidhi Prakashan.

Bhatia, S. 2012. Life and Achievements of Banda Bahadur. In the *Proceedings of the Punjab History Congress*.

Dwivedi, S.S. 2012. The Role of Public Diplomacy in Shaping Indo-Australia Relations. In *New Dimensions in Public Diplomacy: Indian and Australian Experiences* (ed. Pandit, V. and Jafri, S.A.). New Delhi: SSS Publications.

2012. 'Pakistan-China and North Korea-China: A Comparison'. In *Indian Journal of Asian Affairs*, Vol. 24, No. 1-2.

2012. North Korea-China: An Opportunistic Alliance. *North Korea Review* Fall 2012, published from the USA.

Kathuria, S. Lawnball: An Indian Survey. In *Journal of Education and Practice*. In www.iiste.org ISSN 2222-1735 (Paper) ISSN 2222-288X (Online) Vol. 3, No. 4.

Lawnball: A Comparative Perspective between India and Malaysia. In *Journal of Education and Practice*. www.iiste.org ISSN 2222-1735 (Paper) ISSN 2222-288X (Online) Vol. 2, No. 10.

Sapra, R. 2011. 'Concept Formation: A Linguistic Construct'. In *International Journal of Cross Disciplinary Subjects in Education*, Vol. 2, No. 4.

2011. 'Language Model for Teaching Science in the Primary Grade'. *MERI Journal of Education*.

Shukla, N. 2012. 'Development of Science and Technology in India'. *Contemporary India* (ed. Sinha, M.). New Delhi: Orient Blackswan.

2012. 'India's Foreign Policy and the Non alignment Movement'. In *International Relations*. New Delhi: Vikas Publications.

Sharma, M. Published a poem in the Sunday edition of *Jansatta*.

Singh, D. 2011. 'Political Rights of Women in the Indian Perspective'. In the *International Journal of Business Management and Social Sciences*, Vol. 1, No. 1.

BHAGINI NIVEDITA COLLEGE

Major Activities

A host of activities were conducted at the College to impart quality exposure and conducive growth to the students. Yoga and aerobic classes, national camps, NCC activities, Seminars, lectures and talks by eminent speakers, participation in sports at National and International levels, cultural festivals were a step in this direction. Educom and Genpact organised lectures for placements, giving the students an insight into the world beyond.

Library Development

Total budget	:	₹ 2,30,000/-
Books added	:	1041
Journals subscribed	:	52

Seminars/Conferences attended

Dr. Charu Sharma: Presented a paper entitled 'Enhancing Creativity Among Children through Creative Drama: Going Beyond Pedagogical Praxis in Indian primary schools', at the 4th Redesigning Pedagogy International Conference organized at Singapore.

Presented a paper entitled 'Can Drama Enhance Creativity Among Children?' at the National Conference for Theatre for young audience, Delhi, 4-6 August 2011.

Dr. Mamta Sehrawat: Presented paper Entitled 'Relation of Physical Education with General Education', at an International Symposium organized by Noida College of Physical Education, 2-3 April 2011.

Entitled 'Effect of Yogic Therapy on the Hypertension Variables on Police Personnel & Jail inmates of Tihar Jail' in an International Seminar organized by Benaras Hindu University.

Presented a paper in the National Seminar on Sports Biomechanics and Exercise entitled 'Effect of Yogic Therapy on Stress Management' at St. Stephens College, University of Delhi, 16-17 April 2011.

Dr. Alokka Dutta: Presented paper in the National Seminar on 'Consumer Protection, Challenges and Opportunities' at the School of Social Sciences, JNU, 21-22 Nov. 2011.

Presented paper in the National Seminar on 'India in the 21st century and Premchand' at the School of Social Sciences, at JNU, 23-24 November 2011.

Presented paper in the National Seminar on 'Disability, Poverty and Human Security in India' organized at the ICSSR Conference Hall, 23-24 December 2011.

Presented paper in The National Conference on 'African Renaissance: From Democracy to Development' organized by the African Studies, University of Delhi, 24-25 Jan. 2012.

Presented paper in the National Seminar on 'Stree Sahitya ka Saundrya Shaastra Aur Hindi Sahitya' held in PGDAV College, University of Delhi, 23-24 February 2012.

Publications

Books

Kumar, R. 2012. (1st ed.). *History of Religious Sects*. New Delhi: Classical Publishing Company.

Research Articles in Books or Scholarly Journals

Mehta, A. 2012. 'Imagined Solidarities Across Transnational Spaces'. In *India and the Narratives of Globalisation: Issues and Expressions* (ed. Beniwal, A.) 91-103. New Delhi: Creative Books.

Dutta, A. 2012. Role of Women in Tourism: Various Aspects. In *Tourism in India: Challenges and Opportunities* {ed. Ramesh, Ruchi} pp. 1-15. New Delhi: Pentagon press.

Book Review

Brautigam, D. 'The Drago's Gift: The Real Story of China in India'. *Indian Journal of African Studies*, nos. 1&2. Vol. XVII, April & October, 2011, 125-128.

Dutta, A. 2012. Indo-African: Development and Mutual Partnership in National Conference, Center for African Studies, 36-44, New Delhi.

Sharma, C. 2011. 'Transforming Passive Indian Classrooms to Creative Learning Spaces through Creative Drama'. *Drama Research International Journal*, 2(1). UK.

BHIM RAO AMBEDKAR COLLEGE

Major Activities

Organized 5th Baba Saheb Bhim Rao Ambedker Memorial Lecture on 14 April 2011.

One of the 20 Earthquake Strong Ground Motion Stations in Delhi - a project jointly handled by Director of Seismology Division (DST) –DU- IIT, Roorkee.

Organized the 21st Inter-College Baba Saheb Bhim Rao Ambedkar Chal Vaijyanti Hindi Vaad Vivad Pratiyogita on Annagiri bhrashtachar rahit samaj ke liye ekmatra vikalpa hai, 3 February 2012.

Organized Delhi Government sponsored debate on 'Should Voting Be Made Mandatory in India', 20 January 2012.

The College got the Second, the Third and the Second positions in Rose, Herbal and Bonsai Plants respectively and also HC in Cacti and Cacti Collection in Delhi University 54th Annual Flower Show 2012.

Established an IT Hub including 80 Computers, 2 Servers and Wi-Fi enabled campus provided by the University.

Library Development

Total budget	:	₹ 8,40,000/-
Books added	:	1456
Journals subscribed	:	33

Seminars/Conferences attended

Dr. Arvind Kumar Yadav: Presented paper, The Political Transition in Egypt: Challenges Ahead in a National Seminar on 'The Arab Spring & Peace in West Asia' organised by Centre for West Asian Studies at Aligarh Muslim University, Aligarh, 22-23 Nov. 2011.

Dr. Farrukh Faheem: Presented Papers titled Resilience in Kashmir, 1980: Identity, Location and Expression at Institute of Social and Cultural Anthropology, University of Munich, in the International Symposium 'Jammu and Kashmir: Boundaries and Movements', organized by University of Munich, Germany, 16-19 June 2011.

History, Memory and Protest: Debating Nationalism in Kashmir at National Symposium on 'Development, Democracy and Governance', organized by Tata Institute of Social Sciences and Calcutta Research Group at Mumbai, November 2011.

Dr. K.K. Sharma: Attended an International Conference on 'Physical Activities and Sports for Global Peace and Development', as a member of the Hospitality Committee, organized by the Department of Physical Education, Sports Science, and Indira Gandhi Institute of Physical Education at University of Delhi, 18-21 October 2011.

Dr. Meenu Anand: Presented papers, School Education and the Challenge of Diversity: India and Canada in the International Conference on 'Gender, Diversity & Cultural Pluralism: Canada & India', organized by the Centre for Canadian Studies, University of Delhi, University of British Columbia, Vancouver, Canada, and, Women's Interlink Foundation, Kolkata, West Bengal, 17-18 January 2012.

Family and School: Institutions for Promoting Positive Psychology among Children in the International Conference on 'Psychology in Contemporary Context: A Positivistic Approach', organized by the Work Psychology and Human Resources Forum and Indian Career Development Association, at the University of Delhi, 21-22 May 2011.

Dr. Navin Kumar: Presented papers, Ethnic-identity Conflicts among Tribal - A Psycho-Social and Cultural Evaluation in a National Symposium on 'Civil Rights' at IIPA, New Delhi, 5 August 2011; and Role of Psychological Skills in Doctor-Patient Communication in Med-con 2011 organized by Indian Medical Association, New Delhi, 24 April 2011.

Dr. R.N. Dubey: Participated as the Keynote Speaker at a National Seminar on Global Tourism Scenario in 21st Century: Issues & Challenges for Sustainable Development, organized by Govt. P.G. College, BHEL, Bhopal, 16-17 December 2011.

Dr. Ravindra Singh: Presented paper, Status of Girl Child in India: A View on Health and Nutrition Status at a National Seminar organized by ANANYA and RCUES, Lucknow University, 30 September-1 October 2011.

Dr. Tushti Bhardwaj: Presented a paper titled Quality of Life of Breast Cancer Survivors in an International Conference on 'Psychology in Contemporary Context: A Positivistic Approach', organized by India Career Development Association & Work Psychology and Human Resources Forum, Delhi, 21-22 May 2011.

Publications

Books

Ahlawat, M. Women's Participation in Rural Environment: A Case Study of Rural Delhi. In *Eco-Development, Global Perspectives*, (ed. Anand, S.). New Delhi: Research India Press.

Kumar, N. 2011. *Theoretical Foundations of Ethics in Ethics in Governance*, New Delhi: K.K. Publishers.

Shahani, R. 2011. *Financial Markets in India: A Research Initiative*, Delhi: Anamica Publishers.

Research Articles

Singh, A. 2011. 'Problems of Corruption and its Remedies'. *The Journal of Social Action*, Vol. 61.

Faheem, F. 2011. Gurez: A Land where the Past and the Future await to be submerged. *Conveyor*, Vol. 3, No. 5.

Anand, M. 2011. Politics of Corruption in India, *Social Action*, Vol. 61, No. 4.

Prasad, R. 2011. Earthquake and Landslide Vulnerability: Some Selected Studies from Bhutan, *Academic Journal of Sherubtse College*, Vol. 11, No. 1-2.

Gupta, U. 2011. Estimating Welfare Losses from Urban Air Pollution using Panel data from Household Health Diaries in 'Environmental Valuation in South Asia' (ed. A.K. Enamul Haque, M.N. Murty, Priya Shyamsunder) Cambridge University Press.

COLLEGE OF ART

Major Activities

The Annual National Level Seminar cum Workshop was hosted by the College from 12-17 September 2011. 81 senior Fine Art students from 15 premier Art Colleges in the country were invited to participate, interact and work in the various mediums along with faculty and students of the College.

The Exhibition (selected works of BFA & MFA students) was inaugurated His Excellency Shri Tejendra Khanna, Hon'ble Lt. Governor of Delhi on 20 March 2012 and continued till 26 March 2012. Shri O.P. Sharma, Eminent Photographer & Hon. Gen. Secretary, India International Photographic Council, New Delhi, Shri Ved Paul, Alumnus (Applied Art, 1962 Batch) and Prof. Dr. Anupam Mahajan (Dean Faculty of Music & Fine Arts), University of Delhi, were the guests of Honour.

COLLEGE OF VOCATIONAL STUDIES

Major Activities

The college has setup a large computer lab equipped with the latest 80 computer systems along with Wi-Fi facilities. The students union organized cultural festival REVERIE – 2012 in March'12 in which a famous Punjabi Pop Singer ALFAAZ gave an excellent performance. Indigo Airlines, HDFC Standard Life, TCS Ignite have placed our final year students of various vocational courses in Sales and Technical and Management are as. Three Times Job Fairs were also organized to extend the jobs in prominent companies viz IBM, HCL, EXE, Religare. Magazine committee organized creative writing competition for short story, poem and essay writing in the spot given topics. The students of Comp Sci. Department went on Educational Tour to Pratapgarh (Haryana).

Library Development

Total budget	:	₹ 7.5 lacs
Books added	:	1773
Journals subscribed	:	66

Appointments of faculty members to higher Posts/Assignments

Dr. Harjendra Choudhary: Appointed as visiting Professor Osaka University, Japan.

Dr. Pratap Mohanty: Appointed as consultant, IIFT, New Delhi.

Dr. Pradeep Bishwas: Appointed as Scientist IV in INSTDS, New Delhi.

Honours/Distinctions

Dr. Inder Jeet: Honoured with 'Amity Excellence Award for outstanding contribution in Education' by Amity International Business School.

'Hindi Chetna' – a journal of Canada published special issue in honour of Dr. Prem Janmejaya, senior Professor in Hindi.

Dr. Harjender Chaudhary: Invited on the occasion of the celebration of one decade of Hindi Teaching for European Learners at Hamburg University, Germany in August 2011.

Seminars/Conferences held

'International Conference on Future of Tourism Education and Growth of Tourism in Asia Pacific', 1-2 March 2012.

Seminars/Conferences attended

Dr. Inder Jeet: Chaired a session in International Conference on Tourism Education and Growth of Tourism in Asia Pacific', 1-2 March 2012.

Harjender Chaudhary: Chaired the session on Hindi Teaching in Japan in International Hindi Conference held at Tokyo University of foreign studies, 28-29 January 2012.

Ashutosh Kumar: Attended International Tourism Conference at Temple University, Philadelphia, May 2011.

Geeta Vivekananda, M: Attended International ABC Conference, Houston, USA, 2011.

Ratnavali Kaushik, Ashutosh Kumar, Surinder Singh, Kuldeep Ahuja, S.K.Bajpai, Ramakrishna Kumar, Prem Janmejy, Satish Bhatia, Vinoo Bhalla and Richa Malhotra: Attended International Conference on Tourism Education and Growth of Tourism in Asia Pacific', 1-2 March 2012.

Ashish Taru Deb: Attended 'International Conference on Corporate Governance' held at Institute of Public Enterprise, Hyderabad in 2011.

Publications

Books

Guha, N. 2011. *The Essential Tagore* - a short story and travelogue (English Translation from Bengali). USA: Harvard University Press.

Janmejy, P. 2011. *Azadi Ke Baad Ka Hindi Vyangya*, Hindi Sahitya Niketan.

Articles/Research Papers

Deb, A.T. 2011. *Role of State Governance and Socialization of Capital*, New Delhi: Macmillan.

2011. *Corporate Governance in Foreign Banks in Indian*, New Delhi: Macmillan.

2011. *Corporate Governance and Socialization of Capital: Ownership Structure of Banks*. New Delhi: Allied Publishers.

Kumar, A. 2011. *Indian Tourism Education system at International Tourism Conference*, Temple University, Philadelphia, USA.

Geeta, V.M. 2011. Cross Cultural Communication at International ABC Conference, Houston, USA.

DAULAT RAM COLLEGE

Library Development

Total budget	:	₹ 13,19,700/-
New titles added	:	2611
Journals Subscribes	:	49

Seminars/Conferences attended

Dr. Gayatri Prakash: Paper for oral presentation on 'Women, Health and Environment' in an International Conference on Women in SET: Local and Global Perspective, Bangladesh, 2-4 February 2012.

Paper for oral presentation on 'Isolation of Lp (a) from human serum lipoproteins and its sialic acid concentration' in an International Conference on Women in SET: Local and Global Perspective, Bangladesh, 2-4 February 2012.

Mrs. Sushma Arora: Participated in National Workshop on International Financial Reporting Standards' organized by Ramanujam College, University of Delhi, 20 April 2011.

Participated in National Conference 'Mergers and Acquisitions-Issues, Opportunities and Challenges', organized by Shaheed Bhagat Singh College, University of Delhi, 20-21 January 2012.

Participated at the UGC National Seminar on 'Business for Sustainable Development', Jesus and Mary College, University of Delhi, 16-17 February 2012.

Participated in National Seminar on 'Empowering Growth through Corporate Governance and Economic Stability Measures' organized by Sri Guru Gobind Singh College of Commerce, University of Delhi, 23-24 February 2012.

Participated in National Seminar on 'Financial Crises and the Indian Economy' organized by Department of Business Economics, Sri Guru Tegh Bahadur Khalsa College, University of Delhi, 3 March 2012.

Dr. Anju Jain: Participated and gave an oral Presentation entitled 'We Need Revolution in Teaching Evolution'! in the National Workshop on 'Evolutionary perspectives in modern biological teaching and research', organized by ILLL, CSEC and ANDC, University of Delhi.

Presented paper entitled 'Are religion and science: two sides of the same coin'? In International Conference organized by Shivaji College, University of Delhi.

Presented paper entitled 'Environmental Pollution and its impacts on Public Health', in the National Conference organized by VML Girls (PG) College, Ghaziabad.

Participated in International Conference on 'Recent trends in Developing Bioremediation Strategies for HCH & Other Chlorinated Contaminants' organized by Indo-Swiss Collaboration in Biotechnology at University of Delhi.

Participated in National Workshop on 'RNAomics Isolation to Interference' organized by Department of Biochemistry, Shivaji College, University of Delhi.

Participated in the National Conference OPEN 2011 'Open Paradigms in Education' organized by Acharya Narendra Dev College, University of Delhi.

Participated in National Workshop on 'Renewable Energy and Environment' organized by Ramjas College, University of Delhi.

Participated in Indo-European Conference on Quality Assurance in Higher Education organized by University of Delhi.

Dr. Sonia Mehta: Participated in an International Conference on 'Restoring Culture of Ethics And Values: The Holistic Education Way' organized by Center for Ethics and Values, Ramanujan College, University of Delhi in association with Department of Philosophy, Delhi University, Deshbandhu College, Delhi University and the Baha'i Community, New Delhi Conference Centre, Main Campus, DU and also at the Baha'i House of Worship (Lotus Temple), New Delhi, 8-10 February 2012

Paper presented titled, 'Legality of Euthanasia in the Indian Constitution: A Critical Analysis' at the National Conference 'Ethics/Life Interface: Theory and Application in Public Domain. A Multi-disciplinary Approach', at Jesus and Mary College, 14-15 February 2012.

Publications

Book

Gayatri, P. 2011. *Lab Manual on Blood Analysis and Medical Diagnostics*, New Delhi: S. Chand & Company.

Malkani, N.P. 2012. 'Plants of Delhi: Scientific Names and Their Meaning'. In Gupta, R. (Ed). *Taxonomy - Past, Present and Future*. TERI, Delhi. pp. 61-89.

DELHI COLLEGE OF ARTS & COMMERCE

Major Activities

Ranking of the college on national level has been shown 6th place in Commerce among Delhi University Colleges and 23rd on all India basis. In humanities its ranking is admirable. Further, this is evidently proved by the academic results of the Students College has achieved in few years.

DCAC has set up industry-academician relationship whereby students and teachers have benefitted by such a linkage. College has its Job Placement Cell and has been successfully placed around 100 students with attractive pay package.

New Courses Introduced

Add-on Diploma Course in Korean

Add-on Certificate Course in Chinese

Library Development

Total budget	:	₹ 4,93,050/-
Books added	:	1,041
Journals subscribed	:	26

Honours/Distinctions

Dr. M.S. Rawat: On the occasion of the 14th International Business Horizon – INBUSH 2012, he was honoured with 'Amity Excellence Award for outstanding contribution in the field of Education' by Amity International Business School, Amity University, Noida, 23 February 2012.

Honoured with 'SRCC Alumni Award' presented on 86th Annual Day, at Shri Ram College of Commerce, University of Delhi, 19 March 2012.

Deepti Taneja: Awarded Gold Medal for The Best Conference Paper in the Indian Economic Association's 93rd Annual Conference for the paper titled 'Climate Change: Impacts and Measurement' by Nobel Laureate Prof. Amartya Sen.

Seminars/Conferences held

The college organized a UGC sponsored National Seminar on 'The Future of Corporate Finance in India', 22-23 March 2012.

Seminars/Conferences attended

Dr. M.S. Rawat: Presented paper titled 'Collaborations in Indian Higher Education-Unregulated and Misleading' at The Fifth World Universities Forum at Universities of the Aegean, Rhodes, Greece, 8-10 January 2012.

Dr. Neeru Kapoor: Presented a Paper at the International Conference for Academic Disciplines held on the Campus of Harvard University, Cambridge, Massachusetts, USA, 29 May-2 June 2011.

Ms. Deepti Taneja: Paper titled 'Sustainable Development: Indicators and Measurement' was and read in absentia at International Economic Association's Annual Congress held at Beijing, China.

Dr. Devika Narula: 'Contemporary Identities: Illusion versus Reality in Githa Hariharan's The Thousand Faces of Night' at the Paris International Conference on 'Sites of Memory, Anamnesis and Representation of Identity', Sorbonne Paris IV, Paris, France, 21-23 September 2011.

Dr. Anita Bhela: 'Subalterns, Human Rights and Shakespeare' International Seminar on Subalterns in Shakespeare-A Post-postcolonial Scrutiny, St.Bede's College, Shimla, 22-24 September 2011.

Dr. Ghashiram Kotwal: Interweaving Tradition and Modernity' International Conference on Decolonising The Stage: Paradigm, Practice And Politics organized by Department of English, Banaras Hindu University, Varanasi, 15-17 November 2011.

'Using Video in English Language Teaching' Second Annual and First International Conference on Reflective Teaching Practices in ESL Classrooms organized by Eltai-Delhi Chapter and RELO American Center and held at American Centre, 7-9 Oct. 2011.

'Patriarchy and Gender Minority: Bama's Sangati and Shakespeare's Othello', International Conference on Minority Discourses across Cultures, Central University of Rajasthan, 26-28 February 2012.

Dr. Devika Narula: 'Silence Cries Aloud: A Study of Mridula Garg's Chittacobra and Indira Goswami's Under The Shadow of Kamakhya at the CLAI Biennial International Conference on 'Minority Discourses Across Cultures', Central University of Rajasthan, Kishangarh, 25-28 February 2012.

Dr. Surbhi Dahiya: Presented paper titled 'Diversity: A key to Strengthen Human Capital of Media Organisations' in International Conference on Diversity and Plurality in Media: Reflections in Society, Makhanlal Chaturvedi Rashtriya Patrakarita University, Bhopal, 27-28 December 2011.

Presented paper titled 'Role of Organisational Restructuring in strategic positioning of a media organization: A case Study Analysis' in International Conference on Changing Global Paradigms of Mediascape', Center for Advanced Media Studies, Punjabi University, Patiala, 21-23 October 2011.

Dr. Anuradha Gupta: Property (Bw) and perturbations- presented in first International Conference on Mathematical Sciences and applications, New Delhi, December 2011.

On property (GR)--presented in the International Conference on Recent Advances in Mathematical Sciences and Applications, Kolkata, 8-11 December 2011.

Dr. Mukesh Bagoria: Presented a paper titled 'India's Linkages With It's Diaspora: A Case Study of Indian Diaspora In USA' at the International Conference on 'India Diaspora: Inter Linkages & Synergy' organized by Global Organisation of People of Indian Origin & Study Abroad Program, Gujarat University, Ahmedabad, 12-13 January 2012.

Dr. M.S. Rawat: A paper titled 'Dynamics of Activity Based Learning – A case of Business Studies' for presentation at 64th All India Commerce Conference at Pondicherry University, 13-15 December 2011.

Attended and presented paper titled 'Making Universities Responsive to Innovations and Change' at 18th National Conference of Indian Colleges Forum, Jammu, 16-18 March 2012.

Dr. Surbhi Dahiya: Presented paper titled 'Environmental Issues, Challenges and The Green Pen' in National Conference on Environmental communication in Modern Age, at TIAS, GGSIPU, New Delhi, March 2012.

Dr. Mukesh Bagoria: Presented a paper titled 'Role of Women in the Indian Independence Movement' at the National Seminar on 'Awareness, Issues and Dynamism of Indian Freedom Struggle' organized by Department of History, BSR Govt. Arts College, Alwar, 28-29 February 2012.

Publications

Research Articles

Kapoor, N. 2011. 'Children's Understanding of Advertising and Developing Consumer Socialisation'. *International Journal of Arts & Sciences*. Vol. 4(12).

Singh, V.B. 2011. A Generalized Software Reliability Growth Model for Object Oriented Software. ACM SIGSOFT, New York, Vol. 36, issue 6: 1-8.

Chaturvedi, K.K. and Singh, V.B. 2011. 'Bug Tracking and Reliability Assessment System'. *International Journal of Software Engineering & Applications*, Vol. 5, No. 4: 1-14.

Khatri, S., Chillar, R.S. and Singh, V.B. 2011. 'Improving the Testability of Object Oriented Software using Reliability Growth Models'. *International Journal of Computer Application*, Vol. 35, No. 11: 1-12.

2011. Measuring Reliability Growth of Software by Considering Fault Dependency, Debugging Time Lag and Irregular Fluctuation. ACM SIGSOFT, Software Engineering Notes, Vol. 35, No. 3: 1-11, New York, NY, USA.

Gupta, A. 2011. 'Weyl type theorems for class A(k) operators', *International journal of Mathematical Archive*, 2, 7, 1099-1104.

2012. 'Property (Bw) and perturbations', *International Journal of Mathematical Science and applications*, Vol. 2, No. 1.

Books

Kapoor, N. 2012. (2nd ed.) *Advertising Personal Selling*.

Bhela, A. 2011. 'Aesthetics of Romance: An Intercultural Perspective'. Texas: Studium Press LLC.

Gupta, A. 2011. *Business Mathematics*. New Delhi: Pearson Education.

2011. *Complex Analysis*. New Delhi: Anne Books Ltd.

Singh, O.P. 2011. Text Book of History for Class VIII students. New Delhi: Frank Brothers.

Edited

Taneja, D. 2011. *Economics of Sustainable Development*. New Delhi: Deep & Deep Publisher.

DEEN DAYAL UPADHYAYA COLLEGE

Major Activities

The Founder's day of the college on 25th September, 2011 was graced by Dr. Jagdish Mukhi, Former Finance & Education Minister of the Govt. of NCT of Delhi and Dr. Rajni Abbi the Mayor of Delhi. The college hosted the first Model United Nations Conference in August 2011 in collaboration with the United Nations Information Centre and the United Nations CSO Network at the Conference Centre, University of Delhi. The DDUC MUN was inaugurated by Prof. K.V. Thomas, Minister of State, Food and Agriculture, Govt. of India and was presided over by Prof. Umesh Rai, Director, South Campus, University of Delhi, Delhi.

Vande Mataram the inter-college dance and choir competition organized in collaboration with Cultural Council, University of Delhi was inaugurated by Shri S.P. Dixit, Director, Higher Education, Govt. of NCT of Delhi. The event witnessed participation of 30 teams in Inter-college Classical Dance competition and 10 teams in Inter-College Choir competition.

Library Development

Total budget	:	₹ 12,74,000/-
Books added	:	1435
Journals subscribed	:	58

Honours/Distinctions

Dr. Rajni Bala: Awarded the degree of Doctor of Philosophy by the Jawahar Lal Nehru University.

Dr. Sanayaima Devi Rajkumari: Awarded the degree of Doctor of Philosophy by the University of Delhi.

Dr. Anurag Mishra: Reviewed one research paper for ERTI Journal, published from Seoul, Korea.

Dr. Ratnesh Saxena: Member of Editorial Board of International Scholarly Research Network – Electronics & MInstP - Member – Institute of Physics, UK, May 2011.

Supervised two under-graduate Summer Research Fellowship Sponsored by Indian Academy of Sciences, National Academy of Sciences, and Indian National Science Academy.

Seminars/Conferences attended

Dr. Ratnesh Saxena: Presented a research paper entitled 'Set Covering, Set Partitioning and Set Packing Problem with Linear Fractional Objective Function' at International Conference on applied Operational Research, Bahcesehir University, Istanbul, Turkey, August 2011.

The 4th International Multi-Conference on Engineering and Technological Innovation: IMETI 2011, Orlando, Florida, USA, 19 July – 22 July 2011; International Symposium on Models and Modeling Methodologies in Science and Engineering: MMMse 2011 in the context of The 15th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2011, Orlando, Florida, USA, 19-22 July 2011; IET Micro and Nano Letters, Semiconductor Science Technology, Institute of Physics, UK, Measurement Science and Technology Institute of Physics, UK.

Dr. Anand Saxena: Participated in APJM Special Issue Conference entitled 'Strategic Management in Private and Family Businesses' at Renmin University of China, Beijing, China. There he presented a research paper entitled 'Transgenerational Succession in Business Groups in India', 8-9 July 2011.

Dr. Anurag Mishra: Co-organizer at the 4th International Conference on Data Management at IMT Ghaziabad, 17-19 November 2011.

Dr. Manoj Saxena: Acted as Program Committee Member in International Conference on Soft Computing for Problem Solving (SoCProS 2011), Roorkee, 16-18 December 2011.

Dr. Rakesh Kumar: Fellow IEEE, President & CEO, TCX Technology Connexions, VP & President-elect (2010-11), IEEE Solid-State Circuits Society gave IEEE DL on Fabless I.C. Implementation Challenges & Opportunities at University of Delhi South Campus, on 2 September 2011 and lecture by Prof. Vijay K. Arora, from Division of Engineering, Wilkes University, Wilkes-Barre, PA 18766, USA gave an IEEE EDS Distinguished Lecture on Drift-Diffusion to Ballistic Transport in Low-Dimensional Nanostructures at University of Delhi South Campus, New Delhi, 13 January 2012.

Mr. Abhijeet Sinha: Participated in 'National Seminar on Technical Terminology in Indian Languages' held at Vigyan Bhawan, organised by Commission for Scientific & Technical Terminology, Ministry of HRD, Govt. of India, 27-29 April 2011.

Dr. R.M. Bhardwaj: Attended a National Seminar on 'Discovering Delhi Through the Ages' at Shivaji College, University of Delhi, 28-29 September 2011.

Dr. Yogieta Mehra: Presented a paper titled, 'Economic Growth and the challenges of fiscal deficit', awarded the best paper at National Seminar organised by SGGS College of Commerce, University of Delhi, 23-24 February 2012.

Mr. Sikander Aggarwal: Administrative Officer, nominated as a member of the Coordination committee constituted by the University of Delhi for conducting training programmes for the staff of the University and its Colleges for the year 2012-13.

Publications

Articles in Journals/Periodicals

Bhatia, V. 2011. Published a review article 'Aphid resistance in *Brassica* crops: bottlenecks, biotechnological progress and future possibilities' in an International journal '*Biotechnology Advances* 29 (2011) 879-888'.

Khanuja, M., Kala, S., Sengar, S. and Mehta, B.R. 2011. 'Interaction of Hydrogen with Rare earth and Palladium Nanoparticles: Basic Issues and Novel Devices' Review Article: Proc Indian Natn Sci Acad, Vol. 77, No. 2.

Khanuja, M., Shrestha, S., Mehta, B.R., Kala, S. and Kruis, F.E. 2011. 'Magnitude and time response of electronic and topographical changes during hydrogen sensing in size selected palladium nanoparticles'. *Journal of Applied Physics*, Vol. 110, pp. 014318.

Kumar, R. and Mohd. Tamimi 2011. 'Economic Growth, Expected Stock Returns and Volatility-A Case of Indian Stock Market', *International Journal of Applied Economics and Finance*, Vol. 5(4).

2011. 'International Oil Price Volatility and World Equity Markets' Behaviour-An International Evidence', *Journal of Applied Research in Finance*, Vol. 3 (2).

Mehra, Y. Paper titled, 'Operational Risk Management : A Survey of Systems, strategies and preparedness of Indian Banks', published in *Indian Journal of Finance*, Vol. 5, No. 5.

Mishra, A., Jain, A., Narwaria, M. and Agarwal, C. 2011. 'An Experimental Study into Objective Quality Assessment of Watermarked Images', *International Journal of Image Processing*, Vol. 5(2), pp. 199-219.

Saxena, R. 2011. 'Measuring Efficiencies in Indian Public Road Transit: A Data Envelopment Analysis Approach', *Opsearch*, Vol. 47, Issue 3, pp. 195-204, India.

2011. 'Set Covering, Set Partitioning and Set Packing Problem with linear fractional objective function', Lecture notes in Management Science, Tadbir Institute for Operation Research, Iran-2011.

2011. 'Relation between set partitioning and set covering problems with quadratic fractional objective functions', *Opsearch*, Vol. 48, Issue 3, pp. 247-256, India.

Narang, R., Saxena, M., Gupta, R.S. and Gupta, M. 2011. Effect of Temperature and Gate Stack on the Linearity and Analog Performance of Double Gate Tunnel FET, Trends in Network and Communications, Proceedings of International Conferences, NeCOM, WeST, WiMoN 2011, Chennai, India, 15-17 July 2011, Edited by David C. Wyld, Michal Wozniak, Nabendu Chaki, Natarajan Meghanathan and Dhinakaran Nagamalai, Communications in Computer and Information Science, Vol. 197, Part 2, 466-475.

2012. Dielectric Modulated Tunnel Field Effect Transistor - A Bio molecule Sensor, IEEE Electron Device Letter.

2011. 'Linearity and Analog Performance analysis of Double Gate Tunnel FET: Effect Temperature and Gate Stack', *International Journal of VLSI design & Communication Systems*, Vol. 2, No. 3, pp. 185-200.

Kumari, V., Saxena, M., Gupta, R.S. and Gupta, M. 2011. Channel Material Engineered Nanoscale Cylindrical Surrounding Gate MOSFET with Interface Fixed Charges, Trends in Network and Communications, Proceedings of International Conferences, NeCOM, WeST, WiMoN 2011, Chennai, 15-17 July 2011, Edited by David C. Wyld, Michal Wozniak, Nabendu Chaki, Natarajan Meghanathan and Dhinaharan Nagamalai, Communications in Computer and Information Science, Vol. 197, Part 2, 476-485.

2012. Simulation Study of Insulated Shallow Extension Silicon On Nothing MOSFET for High Temperature Applications, Microelectronics Reliability.

Singh, K. and Saxena, M. 2011. 'Fabrication and Time Degradation study of Mercuric Iodide (Red) Single Crystal X-Ray Detector', *J. Nano- Electron. Phys.* 3, No. 1, pp. 802-807.

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2011. High Sensitivity Photodetector Using Si/Ge/GaAs Metal Semiconductor Field Effect Transistor (MESFET), International Conference on Light: Optics 2011: Phenomenon, Materials, Devices and Characterization, Kerala, 23-25 May 2011, AIP Conference Proceedings Vol. 1391, pp. 232-234.

2012. 'Two Dimensional Analytical Subthreshold Model of Nanoscale Cylindrical Surrounding Gate MOSFET Including Impact of Localised Charges', *Journal of Computational and Theoretical Nanoscience (CTN)*.

Papers presented in Symposia/Seminars/Conferences

Bhardwaj, R.M. Presented a paper 'Interpreting Religious Vratas and Utsavas in Sanskrit poetic and Semi-historical Texts belonging to the fifth and twelfth centuries A.D. in the section Epigraphy jointly hosted by International Association of Sanskrit Studies and Rashtriya Sanskrit Sansthan at Vigyan Bhavan, New Delhi, 5-10 January 2012.

Presented a paper entitled 'Social Implications of Buddhist Logic with special Reference to Dharmakirti During Early Medieval Period' at a National Seminar on 'The Buddhist Heritage of Magadha' at Nava Nalanda Mahavihara, Bihar, 12-14 February 2012.

Charu, A., Mishra, A. and Sharma, A. Digital Image Watermarking in DCT Domain Using Fuzzy Inference System published in the Proceedings of 24th IEEE Canadian Conference in Electrical and Computer Engineering, Ontario, Canada, 8-11 May 2011, pp. 822-825.

Genetic Algorithm - Backpropagation Network Hybrid Architecture for Grayscale Image Watermarking in DCT Domain published in the Proceedings of the 7th IEEE International Conference on Intelligent Information Hiding and Multimedia Signal Processing, Dalian, China, 14-16 October 2011, pp. 177-180.

Mehra, Y., Paper titled 'Operational Risk Management: A Study of Practices in Indian Banks', published in *Prajnan*, Vol. XL, No. 3, 2011-12, National Institute of Bank Management, Pune.

Saxena, R. Presented research papers entitled below at the XXXXIV Annual ORSI Convention and International Conference on Operations Research, India, January 2012.

Singh, K. and Saxena, M. 2011. Stability Study on Ceramic Mercuric Iodide (Red) X-Ray Sensor, XVI International Workshop on the Physics of Semiconductor Devices, IWPSD 2011, IIT Kanpur, 19-22 December 2011.

Soni, A. Presented the paper 'Identifying an Appropriate Requirements Prioritization Methodology using Fuzzy Decision-Making' in Fifth International Conference on Information Processing, Bangalore, 5-7 August 2011.

Presented the paper 'Evaluating Degree of Dependency from Domain Knowledge using Fuzzy Inference System' in First International Conference on Computer Science, Engineering and Information Technology in Tirunelveli, Tamil Nadu, 23-25 Sept. 2011.

Gaur, V. and Soni, A. 2011. Identifying an Appropriate Requirements Prioritization Methodology using Fuzzy Decision-Making, CCIS 157, pp. 258-268, Springer Verlag.

2011. Evaluating Degree of Dependency from Domain Knowledge using Fuzzy Inference System, Springer in CCIS Series, 204, pp. 101-111, CCSEIT-2011

DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH

Library Development

Total Budget : ₹ 11.63 Lacs
Books added : 66

Seminars/Conferences attended

Dr. S.K. Gupta: Invited speaker at Winnipeg Heart International Conference, Winnipeg, Canada, 13-16 October 2011.

Mrs. Amrita Parle: Attended International Conference on Recent advances in Cardiovascular Sciences & Translational Medicine. At Amity University, 16 February 2012.

Publications

Books

Ed. Gupta, S.K. *Drug Discovery and Clinical Research*. New Delhi: Jaypee Brothers Medical Publishers (P) Ltd.

Research and review articles in scholarly journals:

A Novel long acting DPP-IV inhibitor PKF-275-055 stimulates beta cell proliferation resulting in improved glucose homeostasis in diabetic rats. Atul Akarte, B.P. Srinivasan, Sonia Gandhi. *Biochemical Pharmacology* 83(2), 2012, 241-252.

Relationships between the islets blood flow, nitric oxide, insulin and cytosolic calcium in rat pancreatic islets: Effects of DPP-IV inhibitor vildagliptin. Atul Akarte, B.P. Srinivasan, Sonia Gandhi. *European Journal of Pharmaceutical Sciences*, 45(2012) 546-551.

Effective blockade of RAAS by combination of aliskiren and olmesartan improves glucose homeostasis, glomerular filtration rate along with renal variables in streptozotocin induced diabetic rats. *European Journal of Pharmaceutical Sciences*, 46(2012)32-42.

Gupta, S.K., Naqvi, S., Agrawal, S.S. and Srivastva, S. 2012. Aveni Rapid: Erhnopharmacology, 2.

Kumar, B., Gupta, S.K. and Srinivasan, B.P. Tapas Chandra Nag, Sushma Srivastava, Rohit Saxena. Hesperetin ameliorates hyperglycemia induced retinal vasculopathy via anti-angiogenic effects in experimental diabetic rats. *Vascular Pharmacology*, 2012, doi.org/10.1016/j.vph.2012.02.007.

Kumar, B., Gupta, S.K., Nag, T.C., Srivastava, S. and Saxena, R. 2012. Green Tea Prevents Hyperglycemia-Induced Retinal Oxidative Stress and Inflammation in Streptozotocin-Induced Diabetic Rats. *Ophthalmic Res.* 47(2): 103-8.

Pawar, P.K., Katara, R. and Majumdar, D.K. 2012. Design and evaluation of moxifloxacin hydrochloride ocular inserts. *Acta Pharm.* 62(1): 93-104. PMID: 22472452 [PubMed - as supplied by publisher].

Development of enteric submicron particles formulation of α -amylase for oral delivery. *Pharm Dev Technol.* 2011 Aug 26. [Epub ahead of print] PMID: 21870905 [PubMed - as supplied by publisher].

Thakral, N.K., Ray, A.R., Bar-Shalom, D., Eriksson, A.H. and Majumdar, D.K. 2011. **Thakral, N.K., Ray, A.R., Bar-Shalom, D., Eriksson, A.H. and Majumdar, D.K. 2011.** 'The quest for targeted delivery in colon cancer: mucoadhesive valdecoxib microspheres'.

Int. J. Nanomedicine; 6:1057-68. Epub 2011 May 19. PMID: 21720517 [PubMed - indexed for MEDLINE].

Sharma, O.P. and Pathak, D.P. 2011. Synthesis, characterization and evaluation for Anti-convulsant activity of N-mannich bases of 2,4-thiazolidinedione and 2, 5-pyrrolidinedione. *IJPPFR* 1(3): 18-28.

Wakode, S. 2011. 'Biological value of heterocyclic compound quinazoline'. *Acta Pharmaceutica Scientia*, 53: 347-361.

Indazole: a medicinally important heterocyclic moiety. *Medicinal Chemistry Research*, DOI 10.1007/ 9631-3, 12 Apr 2011.

2011. Chemical composition, antimicrobial and topical anti-inflammatory activity of *Valeriana jatamansi* Jones. Essential oil. *Journal of Essential Oil Bearing Plants*, 14(4): 417-422.

Chemical composition, antimicrobial and topical anti-inflammatory activity of essential oil of *Amomum subulatum* fruits. *Acta Poloniae Pharmaceutica*.

Essential oil of *Myrica esculenta* Buch. Ham.: Composition, antimicrobial and topical anti-inflammatory activity. *Natural Product Research*.

Chauhan, M.K., Jain, S., Bansal, S., Sharma, D., Kaur, J., Jain, P. and Manchanda, A. 2011. 'Iontophoresis: Injection Without Needle'. *Journal of Pharmacy Research*, 4(12): 4413-4417.

Chauhan, M.K., Manchanda, A., Jasleen, K. Khurana, Jain, P., Sharma, D., Jain, S. and Bansal, S. 'Nanotechnology: The nano soldiers in the war against cancer'. *Journal of Pharmacy Research*, 4(12): 4420-4423.

Saraswati, S., Pandey, M., Mathur, R. and Agrawal, S.S. 2011. 'Boswellic acid inhibits inflammatory angiogenesis in a murine sponge model'. *Microvasc Res*, 82(3): 263-8.

2011. 'Cytotoxic and antitumor effects of brucine on Ehrlich ascites tumor and human cancer cell line'. *Life Sci*; 189(5-6): 147-58.

2011. 'Antitumor properties of Boswellic acid against Ehrlich ascites cells bearing mouse'. *Food Chem Toxicol*; 49(9): 1924-34.

Yaduvanshi, B., Mathur, R., Mathur, S.R. and Velpandian, T. 2011. 'Evaluation of healing potential of topical formulation of leaf juice of *Tridax procumbens* L. using excision wound model in mice'. *Indian J. Pharm Sci.* 73(3): 303-6.

Amrita, P. and Kharbanda, B. 2012. 'Knowledge, Attitude and Skills of nurses of Delhi towards adverse drug reaction reporting'. *IJOPP*. 5(1): 45-51.

Amrita, P. and Roomi, M.T. 2011. 'Scenario of Pharmacovigilance and ADR Reporting among Pharmacists in Delhi'. *IJOPP*. 4(4): 29-38.

Amrita, P. and Singh, S.P. 2011. 'Status of spontaneous reporting of adverse drug reaction by physicians in Delhi'. *IJOPP*. 4(2): 29-36.

Agnihotri, S. 2011. Chemical composition, antimicrobial and topical anti-inflammatory activity of *Valeriana jatamansi* Jones. Essential oil. *Journal of Essential Oil Bearing Plants*, 14(4): 417-422.

DYAL SINGH COLLEGE

Major Activities

The College hosted UGC funded SAM Workshop for women managers. Study material was added to the college for students aspiring to enter services and special equipment was added for differently abled persons. In addition Career and counseling sessions were organized.

The College got prizes in the University flower show in the lawn and cut flower categories.

Library Development

Total budget	:	₹ 11,01,730/-
Books added	:	2,699
Journals subscribed	:	54

DYAL SINGH COLLEGE (EVENING)

Major Activities

Academic activities were organized throughout the year in which outstanding speakers in various fields were invited to give talks and films were shown to acquaint the students with areas beyond their syllabi.

Library Development

Total Budget	:	₹ 10,18,983/-
Books added	:	1,968
Journals subscribed	:	26 and e-journal through UGC- Infonet, University of Delhi

Appointments of faculty members to higher Posts/Assignments

Dr. Deepak Malhotra: Appointed Chairperson of the High Power Committee on Admission Reforms, Delhi University.

Appointed Member of the Committee of Delhi Govt. to assess the functioning of Mid Day Meal Scheme in Delhi Schools.

Shri Jnanendra Narayan Singh: Appointed Joint Managing Editor of *Library Herald*, Elected Secretary, Delhi Library Association.

Dr. P.R. Thapar: Elected General Secretary, Punjabi Lok Manch.

Seminars/Conferences held

Organised A UGC Sponsored National Seminar on Revisiting Public Administration: Perspective and Challenges, 20-21 April 2011.

Seminars/Conferences attended

Dr. Abha Singh: Presented paper 'Remapping Shakespeare's Adaptation in Globalised Culture', at the 9th World Shakespeare Congress on 'Renaissance Shakespeare: Shakespeare Renaissance' at Charles University, Prague, 17-22 July 2011.

Presented paper '*Culture Dislocation and Changing Identities in Jhumpa Lahirie's novel 'The Namsake'*', at the 4th International REELC/ENCLS Congress on 'Literary Dislocation' at SS Cyril and Methodius University, Institute of Macedonia Literature, Skopje-Obrid, Republic of Macedonia, 1-3 September 2011.

Ms. Brati Biswas: Presented paper '*Silence to Speech: Reading Bangla Dalit Literary Expression as Resistance*', at UGC Sponsored National Seminar on Writing as Resistance: Bengali and other Dalit writings in English, organized by Jogesh Chandra Chaudhuri College, Kolkata in collaboration with Bangla Dalit Sahitya Sanstha at Kolkata, 29-30 Nov. 2011.

Presented paper '*Theorising resistance: The Case of Dalit Literature*', at the 56th All India English Teachers' Conference, organized by the Dept. of English Studies, Bareilly in association with Association for English Studies of India, 18-20 December 2011.

Presented paper '*The Politics of Translating the Dalit Literature*', at the National Seminar organized by The Centre of Advanced Study in Comparative Literature, Jadavpur University, Kolkata, 31 January 2012.

Attended Delegate the Conference on 'The Dalit Experience and the Question of Marginality' organized by the Departmenta of English, University of Delhi, 16-18 February 2012.

Ms. Sumita Puri: Presented paper '*Revisiting Science Fiction: The Indian Situation*', at the 56th All India English Teachers' Conference organized by the Department of English Studies, Bareilly in association with Association for English Studies of India, 18-20 December 2011.

Shri Jnanendra Narayan Singh: Participated as a Delegate in the National Seminar on 'New-Age Libraries-Partners in Youth Development and Education' organized by United Nations Information Centre for India and Bhutan in collaboration with NSSDC, ICSSR, MHRD, New Delhi, 21 October 2011.

Participated as a Delegate in the 13th National MANLIBNET Annual Convention on 'Repositioning Libraries for User Empowerment: Policy, Planning and Technology' held at University of Delhi South Campus on 13-15 October 2011.

Dr. Mani Bhushan: Lecture telecast Live on Vyas channel 'Possibilities and Career in Social Science', by CEC (UGC), June 2011.

Discussion with Prof. J.S. Rajput on 'Issues and Problems in Higher Education', telecast live on the Vyas channel by EDUSAT, CEC (UGC), Oct. 2011.

Presented paper 'Human Rights: Perspective for Developing Societies', at the UGC-Sponsored National Seminar on Human Rights, Shrinath Sanskrit College, Hata, Gorakhpur, 29 March 2012.

Resource Person at the UGC-sponsored National Workshop on Domestic Violence Act, Shrinath Sanskrit College, Hata, Gorakhpur, 30 March 2012.

Publications

Agarwal, N. 2012. *Hindi Bhasha: Vivid Ayaam*, Vol. 2, Delhi: Satish Book.

Jagadeesan, U. 2011. *History of Tamil Literature*, Chennai: Mani Vaasagar Publication.

2012. *History of the Fine Devotees of Pandiyan Kingdom*, Chennai: LKM Publication.

2012. *History of the Divinely Poet Maanikka Vaasagar*, Chennai: LKM Publication.

Gupta, I. 2011. *Human Resource Management & Industrial Relations*, Meerut: K. Nath & Co..

Thapar, P.R. (ed.) 2011. *Punjabi Vartak: Punner Vichar*, Delhi: Manprit Prakashan.

2011. *Chaturai Da Puraskaar* (Punjabi Translation of Rakesh Chakkar, Delhi: National Book Trust of India.

2011. 'Guru Granth Sahib ji De Sampadan da Ithias, Taknique ate Bhashai Adhyan', (Punjabi Translation Didden, M.S.).

Articles

Bhushan, M. 2011. 'Civil Society Movement: Providing Legitimacy to Democracy', *The Discussant*, Vol. 1, No.1.

Bareja, S. 2011. 'Carbon Credits: A New Dimension to the Accounting a Taxation Methods', *Taxmann's Corporate Professionals Today*, 1-15.

Biswas, B. 2011. In Annie George & S.N. Sandhya (eds.). *Roots and Wings: An Anthology of Indian Women's Writing in English*, Thiruananthapuram.

Chand, P. 2011. 'Education in the Era of Globalization: Issues and Challenges', *Indian Journal of Public Administration*, Vol. XII.

2012. 'Implications of Industrial Relocation on Workers in Delhi', *Social Change*, Sage Publication, Issue 42.1.

Chawla, M. 2011. 'Woman Within', English Translation of Punjabi short story by Talvinder Singh in *Punjabi Short Stories: An Anthology*, (ed) Manjit Inder Singh, Delhi: Sahitya Akademy.

2011. 'Murder' (English Translation of Punjabi short story by Jinder in *Punjabi Short Stories: An Anthology*, (ed) Manjit Inder Singh, Delhi: Sahitya Akademy.

2012. Review of Annie George and S.N. Sandhya edited book 'Roots and Wings: An Anthology of Indian Women's Writing in English', in *The Indian Journal of English Studies*, Delhi, Vol. 49, pp. 296-298.

Jagadeesan, U. 2011. 'The Golden Temple of Nataraja'. *Tamilar Thiru Neri*.

2011. 'Thiru Gynaa Sambandhar in Madurai'. *Tamilar Thiru Neri*.

2011. 'Nataraja of Thirunelveli Temple'. *Tamilar Thiru Neri*.

2011. 'The Greatness of Thirukkural'. *Tamilar Thiru Neri*.

2011. 'The Period of Manikka Vaasagar'. *Tamilar Thiru Neri*.

2011. 'The Tamil Mantras. *Tamilar*'. *Thiru Neri*.

2011. 'The Sevan Vidanga Temple'. *Tamilar Thiru Neri*.

2011. 'Continuation of the Above'. *Tamilar Thiru Neri*.

2011. 'The Hymns of Thiruvembaavai'. *Tamilar Thiru Neri*.

2012. 'The form of Sarabesa – The Narasimha Samhaari' *Tamilar Thiru Neri*.

2012. 'The Greatness of Supreme Being'. *Tamilar Thiru Neri*.

2012. 'The Fives and Shiva' *Tamilar Thiru Neri*.

Sharma, P. 2011. '*Chonmiyan Punjabi Kahania*' (Punjabi Translation) Delhi: Sahitya Akademi.

Thapar, P.R. 2011. 'Ikangi-Adhyan ate Adhyan Sambandhi', Secondary level (Punjabi) Teaching Material, Published by SCERTP. 54-59.

2011. 'Arkamal Kaav: Naari-Mard di Brabri di Vakalat', *Chhewan Darya*.

2011. 'Ashleel Gyaki Te Krari Chot', *Saangh*.

2011. 'Bhagat Namdev da Jeevan Ate Bani', *Sache Patshah*, 179-181.

2011. 'Lokdhara, Sabhyachar Te Mass Media', *Vatan De Varis*.

2011. 'Gandhale Pani-Jeevan jaach da Maha Birtant', *Vatan De Varis*.

2011. 'Dupehre Dhalya Suraj', *Vatan De Varis*.

2011. 'Punjabi Media Seema Te Sambhavnawan', *Palika Samachar*.

GARGI COLLEGE

Major Activities

An inter college fest was hosted by the Equal Opportunities Cell, which was inaugurated by a grand spectacle of *Bhagwad Gita on Wheels* presented by the orthopedically challenged of Ability Unlimited Foundation. Eminent speakers addressed the college during the commemoration of *The International Year of Chemistry* and a Seminar on *Greening the City, Reinventing Urban Infrastructure*, among many academic meets of the year. A Workshop was held on the *Use of E-Resources to Enhance Teaching-Learning Experience*. Gargi College initiated and enabled the completion of a major review and revision of the assessment pattern of the *Technical Writing Course* for the Sciences. Eight members of the faculty are working on major/minor research grants. Dr. Anita Rajendran (English) is one of six Asians to be conferred the Erasmus Mundus Scholarship. Dr. Radha Chakravarthy's (English) coedited Vol. *The Essential Tagore* (Harvard University Press) has been nominated for Book of the Year award for *The New Statesman* (UK). Dr. Rekha Navneet (Philosophy) presented a paper on '*Philosophical Analysis of Gender ...*' at a Global Conference at Mansfield College, Oxford, UK. 38 students have received lucrative offers through the Placement Cell. A major water harvesting system was installed in the college and all street lights within the campus are run on solar energy.

Library Development

Total Budget	:	₹ 13,577/-
Books added	:	1,447
Journals subscribed	:	56

New Additions

Ms. Purnima Agarwal - Philosophy

Honours/Distinctions

Dr. Mandakini Das and Dr. Poonam Phogat: Awarded Ph.D. degree.

Seminars/Conferences attended

Dr. Manju Khosla: Attended an International Conference on *Contribution of International Environmental law for sustainable development: Global and National perspectives* organized by Faculty of Law, University of Delhi.

Dr. Anjana Neira Dev: Attended an the second International Conference on *Assessing and Evaluating English Language Teacher Education, Teaching & Learning* by British Council, EFL University, Hyderabad.

Ms. Krishna Meena: Attended an a National Conference on *Stri Sahitya ka saundaryashastra aur Hindi Sahitya* by PGDAV College (Evening) University of Delhi.

Dr. Manjushree Singh: Attended an International Conference on Restoring Culture of Ethics and Values: The Holistic Education Way.

Ms. Deeksha Bhardwaj: Attended an International Conference on *The Archaeology of South Asia* by Centre of Historical Studies, JNU and IAWAWSA.

Ms. Itty Garg: Attended an International Conference on *Random Matrix Models and Applications* at Indian Institute of Science, Bangalore.

Publications

Books

Chakravarty, R. 2011. *The Essential Tagore*; Harvard edition.

Verma, S.S. 2012. *Character Certificate*, based on Short stories.

Philmo aur Dharavahiko ka Sandarbh, March 2012.

Poems; *Chetnashoony Mastishk, Dimagi Basti, Vyast, Anshan, Kheechtan, Selan; National & International magazines; 2011-12.*

Research Articles

Vasudev, K. 'Decolorization of triphenylmethane dyes, by six white-rot fungi isolated from nature'. *Journal Bioremediation and Bio-degradation*; Vol. 2, Issue 5.

Chakravarty, R. 2011. *The Inside Story: Gender & Modernity in Choker Bali*; University of Colombo.

2011. Translating Tagore: Shifting Paradigms; Pub. Journal of Contemporary Thought.

Anand, J. 2011. *Perspectives in learning and cognition from history of epistemology in Indian Educational Review.*

HINDU COLLEGE

Library Development

Total Budget	:	₹ 8,10,250/-
Books added	:	1,239
Journals Subscribed	:	50

Honours/Distinctions

Dr. Harish Naval: Awarded Literary Award of the year 2011 by UP. Government 'Hindi Urdu Adabi Award'. He is recipient of the 'Sahitya Shree' award also. He received the prestigious 'Vayangya-Shree' award by Hindi Bhawan, 13 February.

Awarded Ph.D. degree has been conferred by Ruhelkhand University.

Seminars/Conferences attended

Shri Abdul Rasheed C.K.: Presented a paper titled 'Return Migrations: Prospects of Gulf Earnings in the context of Global Recession and Domestic Growth' in National Seminar conducted by the PSMO College, Tirurangadi, supported by UGC.

Dr. Sudhir Kapoor: Presented a paper 'Emerging Stock Market in Africa: and Challenges' in National Conference on Africa Renaissance: From Movements, Democracy to Development, 24-25 January 2012.

Ms. Loveen Gupta: Participated in 11th International Conference on 'Frontier Global issues and Challenges in the new millennium on Emerging Economy, Accounting, Finance, Information & communication technology, Business and Management' organized by Research Development Association Jaipur, 6 January 2012. She also contributed a paper entitled, 'Performing or Non-Performing Assets: Who is responsible?' and won the best paper award.

Dr. Meenu S. Shrivastava: Contributed a Question Bank for first performance Analysis Test, Conducted by Central Board of Secondary Education (CBSE-i), 29 May-5 June 2011.

Attended the International Symposium on 'Recent Advances in Green Chemistry and Chromatographic Sciences' held at Manar Rachna International University, Faridabad, 12-14 January 2012.

Dr. Sonalika Vaidya: Awarded the best poster prize for the poster titled 'Design of Core-shell Nanostructures' presented in 7th National Symposium and Conference on Solid State Chemistry and Allied Area organized by the Department of Chemistry, Jamia Millia Islamia, New Delhi, in association with ISCAS, 24-26 November 2011.

Dr. Anju Srivastava: Paper presentation 'Reviving Science Training In India Through Green Chemistry Education', International Conference on Green Chemistry (ICGC 2011), Central University of Rajasthan, Rajasthan, 7-9 December 2011.

Dr. Reena Jain: Paper presentation 'Green Chemistry Education', International Conference on Green Chemistry (ICGC 2011), Central University of Rajasthan, Rajasthan, 7-9 Dec. 2011.

Dr. P.K. Sinha: Participated in National Seminar – 'The Human Mystique: Contemporary Discourses', organized by the Department of Anthropology, University of Delhi, 9-10 February 2012.

Dr. Soma M. Ghorai: Participated in National Seminar – 'The Human Mystique: Contemporary Discourses', organized by the Department of Anthropology, University of Delhi, 9-10 February 2012.

Dr. Anita Rajpal: Presented two papers in National Conferences titled 'Maxims in Buddhism' at Sikkim and 'Uses of Maxims in Panchtantra' at University of Delhi.

Dr. Sudhir Kapoor: Presented a paper 'Emerging Stock Market in Africa: and Challenges' in two day National Conference on Africa Renaissance: From Movements, Democracy to Development, 24-25 January 2012.

Ms. Richa Bajaj: Participated in the 'International Seminar on Shakespeare' and presented a paper entitled 'The Subaltern and the State in *Julius Caesar* and *Antony and Cleopatra*', 22-24 September 2011.

Dr. N.K.Pattanik: Presented a paper '*Right to Sustainable Environment*' in the UGC-National Seminar on 'Human Rights and Consumer Protection' organised by K.M. College, University of Delhi, 12 November 2011.

Presented a paper '*Nyaya-Vaisesika Concept of Atma-Samskar (Purification of the Self)*' in International Seminar in Global Yog Meet organised by Global Yog Alliance in Association with School of Oriental Medicine, The Global Open University, Nagaland at Talkatora Indoor Stadium, New Delhi, 17-21 April 2011.

Presented a paper '*An Approach Towards Life Supporting Plants*' in the National Seminar on World Environment Day 2011 organised by CNI Girls Inter College, Dehradun, Uttarakhand, 5 June 2011.

Publications

Mohapatra, J., Mishra, D.K., Kamilla, S.K., Medicherla, V.R.R., D.M. Phase, Verma, V. and Singh, S.K. 'Ni-doped ZnO: Studies on structural and magnetic properties' Phys. Status Solidi B, 1-8 (2011) / DOI 10.1002/pssb.201046513.

Kotnala, R.K., Pandey, V., Arora, M., Verma, V., Aloysius, R.P., Malik, A. and Bhalla, G.L. 2011. 'Identifying the contribution of band filling effect in the double perovskite system $\text{Sr}_{0.4}\text{Ba}_{1.6}\text{FeMoO}_6$ ' *Solid State Communications*, 151, Issue 5, 415-419.

Verma, V., Ahmad, S., Abdullah, D.M. and Kotnala, R.K. An Inexpensive route to synthesize high purity CrO_2 for EMI shielding in X-band frequencies, ISRN Materials Science, MS/948219 (12 January 2012).

Kumar, L., Verma, V. and Annapoorni, S. Optical and dielectric properties of free standing sheet of ZnO nano-crystallite confined in PVA matrix, 53rd DAE Solid State Physics Symposium, 16-20 December 2011.

Srivastava, A. 'Chemistry for Class XI', Foundation Books, Cambridge Press- recommended as textbook by Govt. of Jammu and Kashmir.

Jain, R. 'Chemistry for Class XI', Foundation Books, Cambridge Press- recommended as textbook by Govt. of Jammu and Kashmir.

Reviewer of Paper 'Novel Organotin(IV) Schiff base Complexes: Synthesis, characterization, antimicrobial activity and DNA interaction studies,' *Bioinorganic Chem. & Application*.

Reviewer of Paper 'The Synthesis of some Organotin(IV) Complexes in the Melt-phase'. *International Journal of Industrial Chemistry*.

Reviewer of Paper 'Synthesis, structural characterization and antimicrobial activity of mixed aryl-alkyl diorganotin(IV) compounds with quinine-2-carboxylate (L): $\text{RR}'\text{SnLCl}$ and $\text{RR}'\text{SnL}_2$ ', *Applied Organometallic Chemistry*.

Saroj, M.K., Sharma, N. and Rastogi, R.C. 2012. 'Solvent Effect Profiles of Absorbance and Fluorescence Spectra of Some Indole Based Chalcones'. *Journal of Fluorescence*, 21: 2213-2227.

2012. 'Photophysical study of some 3-benzoylmethyleneindol-2-ones and estimation of ground and excited states dipole moments from solvatochromic methods using solvent polarity parameters'. *Journal of Molecular Structure*, 1012: 73-86.

Nair, S., Kukreja, N., Singh, B.P. and Arora, N. Identification of B Cell Epitopes of Alcohol Dehydrogenase Allergen of *Curvularia lunata*. PloS one. 01/2011; 6(5): e20020.

Srivastava, V.K. Review of Thapan, M. (ed.), Contested Spaces, Citizenship and Belonging in Contemporary Times. *The Hindu*, 26 April 2011.

Review of Gerard Guthrie, Basic Research Methods: An Entry to Social Science Research. Resources, Energy and Development, 8(1): 61-63.

Review of Patel, S. (ed.), Doing Sociology in India – Genealogies, Locations, and Practices. *The Hindu*, 7 June 2011.

Anatomy of cut offs. India Today Aspire, June 2011, pp. 44-45.

Review of Madan, T.N. Sociological Traditions, Methods and Perspectives in the Sociology of India. *The Hindu*, 9 August 2011.

Ghosh, A.K. and Munda, R.D. (eds.). A critical reading of the Draft of the National Tribal Policy. The Other Side of Development, The Tribal Story. New Delhi, Seattle : Konark Publishers Pvt. Ltd., pp. 92-132.

Review of Bhattacharya, S. Talking Back – The Idea of Civilization in the India National Discourse. *The Hindu*, 6 December 2011.

'On the Situation of tribes in India: Some reflections'. *Journal of the Anthropological Survey of India*, 60(2), July-December 2011 (pp. 250-269).

Aggarwal, A. wrote a Research Paper titled, 'Service Sector Growth: How Inclusive?' for publication in Conference proceedings of International Conference on 'Service Led Inclusive Growth: To be or not to be?' organized by Jagan Institute of Management Studies, Delhi. As part of the group called 'Perspectives', a new book published in January 2012 titled, 'Communities, Commons and Corporations'. It looks at dispossession of people from common property resources in the context of pattern of economic development in India. The book is based on two case studies – a) Handa in MP and b) Kutch in Gujarat.

Barua, A. 2012. Joined article has been published on 'Gendering the Digital Body: women and Computers' AI & Society: *Journal of Knowledge, Culture and Communication*; 155B: 0951-5666 : Vol. 27. Journal No # 146; Published by Springer, UK.

Aggarwal, P. Communicated a paper entitled 'Bayes pre-test estimation for changing exponential family of distribution' in Metron.

Varshney, M.K. Invited for contributed talk in an International Conference organized by N.C. State, University, North Carolina, USA in April 2011. His article has been selected for a book named '*Advances in Medicine and Biology*. pp.187-200, Vol. 30 (2011)', NOVA publisher, USA. His research paper 'on the Estimation of Probability of Death of AIDS patients in the presence of Competing Risks' - in a reputed peer reviewed journal '*Aligarh Journal of Statistics*', Vol. 32 (2012).

Mukherjee, S. Published *Surviving Bhopal: Dancing Bodies, Written Texts, Oral Testimonials of Women in the wake of an Industrial Disaster*, Palgrave Studies in Oral History, N. York: Palgrave Macmillan, 2010. Reprint Indian edition, 2011.

'Generating Theory in the Bhopal Survivor's Movement', Suroopa Mukherjee, Eurig Scandrett, Tarunima Sen, Dharmesh Shah. *Social Movements in the Global South: Dispossession, Development and Resistance*, ed. Alf Nilson and Sara Motta, London: Palgrave Macmillan, 2011.

'We are flames not flowers: A Gendered reading of the social movement for Justice in Bhopal.' *Interface: A Journal for and about Social Movements*. Vol. 3, Issue 2: *Feminism, Women's Movement and Women in Movements*, November 2011.

'Globalization and Abstraction in the Bhopal Survivors Movement.' *Interface: A Journal for and about Social Movements*. Vol. 3, Issue 1: *Repression and Social Movement*, May 2011.

Ashdhir, P. 'Lattice Dynamical study of Sr₂B₁ (B₁=Ni, Co) double perovskites; Gupta, H.C. and Karandeep, P. Ashdhir; *Physica B* (406) 2011 2811-2813'.

Mohapatra, J., Mishra, D.K., Kamilla, S.K., Medicherla, V.R.R., Phase, D.M., Verma, V. and Singh, S.K. 'Ni-doped ZnO: Studies on structural and magnetic properties'. *Phys. Status Solidi B*, 1-8 (2011) / DOI 10.1002/pssb.201046513.

Kotnala, R.K., Pandey, V., Arora, M., Verma, V., Aloysius, R.P., Malik, A. and Bhalla, G.L. 2011. 'Identifying the contribution of band filling effect in the double perovskite system Sr_{0.4}Ba_{1.6}FeMoO₆' *Solid State Communications*, 151, Issue 5, 415-419.

Verma, V., Ahmad, S., Abdullah Dar, M. and Kotnala, R.K. An Inexpensive route to synthesize high purity CrO₂ for EMI shielding in X-band frequencies, *ISRN Materials Science*, MS/948219 (12 January 2012).

Kumar, A. Chemistry for Medical Entrance Examination, Avichal Publishing Company.

Vaidya, S. 2012. Design of anisotropic nanostructures using microemulsions, *Indian Journal of Chemistry A*, 51, 245-251.

Vaidya, S., Thaplyal, P. and Ganguli, A.K. 2011. 'Uptake of hydrophilic toxins in hollow silica shells obtained from core-shell nanostructures', *Proc. Indian Natnl. Sci. Acad.*, 77, 99-103.

Kaur, G. Coauthored article titled 'Mushrooming of Management Schools: A Boon or a Bane' in '*Trinity Journal of Management, IT and Media*, Vol. 2, Issue-2, December-2011'.

HANS RAJ COLLEGE

Library Development

Total Budget	:	₹ 15,83,500/-
Books added	:	2,475
Journals subscribed	:	88

Honours/Distinctions

Dr. V.K. Kawatra: Awarded Dr. S. Radhakrishnan Memorial National Teacher Award-2011 for his outstanding contribution in the field of Education.

Seminars/Conferences attended

Dr. Vijay Rani Rajpal: Delivered a lecture on 'Molecular Techniques for Sustainable Use and Effective Conservation in Valeriana jatamansi' during the National Conference at Indian National Science Academy.

Dr. Manjit Singh Saggi: Presented a paper titled 'Timeliness Analysis of Corporate Disclosure in India' in the 'Asian-Pacific Conference on International Accounting Issues', Beijing.

Ms. Eesha Narang: Presented a research paper in a National Seminar on 'Redefining the Nation through Translating Bhasha Literatures: Problems, Perspectives and Prospects' organized by DAV College, Dehradun in March 2012.

Dr. Bhanu B. Sharma: Attended an International Conference on 'Restoring Culture of Ethics and Values: the Holistic Education Way' organized by the Centre for Ethics and Values in February 2012.

Dr. Lokesh Chandra Mishra: Presented a poster in the 10th Annual Symposium of International Consortium on anti-Virals in collaboration with International Centre for genetic Engineering and Biotechnology in February 2012.

Dr. Suman Khanna Aggarwal : A Seminar entitled 'Conflict Resolution: A Gandhian Perspective', at Vipeholm, Lund, Sweden.

A Conference entitled 'Gandhi's Philosophy of Non-Violence', at the Agricultural University, Bollerup, Sweden.

A Seminar entitled 'Understanding & Applying Gandhi Today', at PADRIGU - Peace & Development Research Institute Gothenburg University, Sweden.

A Symposium entitled 'Resolving Conflict through Non-Violence', at Katedralskolan, Lund, Sweden.

A Conference entitled 'Gandhi's Non-Violence', at Folk University, Lund, Sweden.

A Seminar entitled 'Understanding & Applying Gandhi Today' at Folk High School, Bogense, Denmark.

Dr. Meenakshi Goenka: Attended an International Conference on 'Cooperate Governance- The Road Ahead' organized by Department of Commerce, Shri Ram College of Commerce, University of Delhi, 27-28 March 2012.

Dr. Suprita Jha: Presented a paper entitled 'Vijay Tendulkar's Ghashiram Kotwal: A Creation of Socio-Political Forces' at an International Conference on 'Decolonising the Stage: Paradigm, Practice and Politics' organized by the Department of English, Banaras Hindu University, 15-17 November 2011.

Dr. Vibha Naik: Presented a paper entitled 'Vaishvik Samskriti ki Sthapana Mein Drishya-Shravya Madhyam ka Mahatv', International Conference on 'Civic Challenges, Democracy and Media', organized by the Hindi Department of Institute of Journalism and Mass Communication, Mangalayatan University, 24-26 February 2012.

Presented a paper entitled 'Hindi Bhasha aur Blogging', in an International Conference on 'Hindi Media ki Saamajik Upadeyata: Uva Peedhi aur Rozgaar', organized by the Hindi Department of Dayal Bagh Educational Institute, Agra, 3-4 March 2012.

Dr. Tripta Verma: Attended the Inaugural Session of an Indo-Turkish Seminar on 'Encounter between two Civilizations India & Turkey in Historical Perspective', 15 Feb. 2012.

Ms. Charanjit Kaur: Organized a Poster Presentation on 'A Comparative Study of Sources of Stress among Selected Sports' at a UGC sponsored International Conference on 'Physical Activities and Sports for Global Peace and Development' at University of Delhi, 19-21 October 2011.

Attended an International Conference on 'Athletic Care and Rehabilitation' at University of Delhi, 18 October 2011.

Ms. Rouble Sharma: Presented a paper entitled 'Importance of Indo-ASEAN Relationship and Ocean Aspect of Linkages in Changing Global Scenario' at an International Conference on 'Indo-ASEAN Trade and Investment', organized by Institute of Objective Studies and Indo-Arab Economic Cooperation Forum, at India International Centre, New Delhi, 8-10 July 2011.

Participated in 'Delhi Dialogue-IV', jointly organized by Indian Council of World Affairs, Ministry of External Affairs, FICCI and Institute of South East Asian Studies, Singapore and ERIA on 13-14 February 2012.

Ms. Sarabjit Kaur: Presented a paper entitled 'Maintenance and Welfare of Parents and Senior Citizens' Act: Issues and Challenges' at an International Conference on 'Psychology in Contemporary Contest: A Positivistic Approach' at Conference Hall, University of Delhi, 21-22 May 2011.

Dr. Mona Sedwal: Participated in an International Conference on 'Women's Literacy for Inclusive and Sustainable Development' organized by Ministry of HRD, at Manekshaw Centre, Delhi Cantonment, New Delhi, 8-10 September 2011.

Presented a paper entitled 'Social Milieu of Students and Teacher Demeanour: It's Linkages with Social Harmony' in an International Seminar on 'Teacher Education for Peace and Harmony', organized jointly by IASE Deemed University, Gandhi Vidya Mandir and Global Harmony Association, 11-13 February 2012.

Ms. Chetan Kaur and Ms. Priya: Attended a National Seminar on 'Empowering Growth through Corporate Governance and Economic Stability Measures', organized by SGGSCC, University of Delhi, 23-24 February 2012.

Ms. Nidhi Gupta: Presented a paper entitled 'Corporate Social Responsibility and Inclusive Growth' at a National Seminar on 'The Future of Corporate Finance in India', held at Delhi College of Arts and Commerce, University of Delhi, 23 March 2012.

Ms. Priya: Attended a National Workshop on 'International Financial Reporting Standard' organized by Ramanujan College, University of Delhi, 20 April 2011.

Dr. Suprita Jha: Presented a Paper entitled 'From Emancipation to Silent Submission: A Study of Some of the Prominent Female Characters of Ruth Praver Jhabvala' at a National Seminar organized by the English Department, Kanya Gurukul Mahavidyalaya, Gurukul Kangri Vishwavidyalaya, Dehradun, 13-14 October 2011.

Dr. Tripta Verma and Dr. Daljit Kaur: Attended a National Seminar on 'Celebrating Delhi through the Ages' at Shivaji College, University of Delhi, 28- 29 September 2011.

Ms. Gurpreet Kaur and Dr. Rashmi Verma: Attended a National Workshop on 'Application of Mathematics in Industrial Research' organized by Laskhmibai College, University of Delhi, 19-20 January 2012.

Ms. Roselin Sekho: Presented a paper entitled 'Reflections on the Changing Role of Women in North East India' at a Ministry of DONER funded National Seminar on 'Globalization and Changing Tribal Identity in North East India' at the Conference Centre, University of Delhi, 17 May 2011.

Attended a NEISP Seminar Series 2012 entitled 'Kaladan: A River of Forgotten Voices and Forsaken Rights' at SSS-II, Jawaharlal Nehru University, 3 February 2012.

Presented a paper entitled 'Panchayati Raj in North-East India: Reflections on Experimentation' in a UGC sponsored National Seminar on 'Present Conditions of the Political Economy of States in North-East India' at Manipur College, Imphal, 2-3 March 2012.

Dr. Pooja Jaggi: Panelist and chaired a session on 'Capacity building for Psycho-Social Support' in a National Workshop on 'Psycho-Social Support' at NDMA, New Delhi in April 2011.

Dr. Amarjit Kaur, Dr. Harjinder Kaur, Dr. Hurjit Kaur, Dr. Jaswinder Bindra and Dr. Jagjit Kaur: Attended a National Seminar on 'Swarajbir Da Rachna Sansar', organized by the Department of Punjabi, University of Delhi, 22-23 March 2012.

Ms. Nidhi Kunwar: Attended a National Seminar on 'Early Literacy Needs, Practices and Achievements' organized by NCERT, 24 February 2012.

Ms. Ravneet Kaur: Chaired a session in a National Conference on Inclusive Education 'Samarthyam', at Lingaya's Lalita Devi Institute of Management & Sciences, 1 March 2012. Also, presented a paper entitled, 'Learning Disabilities: Classroom Interaction and Pedagogy'.

Dr. M.K. Galhotra: Presented a paper titled 'Digital Library' in a National Conference on 'Digital Library management and Challenges (NCDLM-2011)' organized by ACCMAN Institute of Management, Greater Noida, 19 November 2011.

Participated in a Annual National Convention on Repositioning Libraries for User Empowerment: Policy Planning and Technology' jointly organized by MANILIBENT and University of Delhi, South Campus, New Delhi, 13-15 October 2011.

Publications

Books

Arora, R. 2012. *Business and Industrial Laws*, New Delhi: International Book House Pvt. Ltd..

Gupta, L.K. 2012. *Meera Ka Kavya: Samaya Se Samvad*, Delhi: Vikas Publishers.

Savita. 2012. *Uttar Madhyakaaleen Hindi Kavita*, Delhi: Satish Book Depot.

Naik, V. (ed.). *Hindi Kahani Sanchayan*, Delhi: Satish Book Depot.

Bhatia, D.P. 2012. Edited a Book entitled '*Secretarial Practice*', a text book for Senior Secondary Course of National Institute of Open Schooling (an autonomous organization of Ministry of Human Resource Development), Noida.

Articles

Aggarwal, S.K. 2011. 'A Plea for a Global Satyagraha for Non-Violent Defence'. In *Taking Text To Context* (ed. George Keerankeri, S.J. and Srivastava, V.P.), Vidyajyoti College of Theology.

Arora, R. 2011. Audience Measurement and Evaluation – The Economics of Television Rating Points (TRPs): An Indian Case Study. '*DIAS Times*', Delhi Institute of Advanced Studies.

Kaur, R. 2012. 'School Life Experiences of Children with Learning Disabilities as Reflected in their Classroom Interaction and Social Adjustment in Schools'. In *Education for Mental Health: Rethinking issues in Guiding and Counseling*, (ed. Ranganathan, N.). New Delhi: Shipra Publications.

2012. Risk Factors for Elder Abuse in India. Editor, *Desk ICDA* January.

Naik, V. 2012. Blogging aur Hindi Bhasha in 'Blog Vimarsh' University Publication of Aggarwal, K.M. *'Kala Vandijya evm Vigyan Mahavidyalay'*, Thane. Sedwal, Mona. Education and Social Equity in Elementary Education. 2011. In *'Who Goes to School? Exploring Exclusion in Indian Education'* (ed Govinda, R.), New Delhi: Oxford University Press.

Five of her articles and three of her stories were published in magazines 'Samsamayik Srijan' and 'Palash' in August 2011 and February 2012.

Sedwal, M. 2011. 'Teachers and Teacher Education: Impact on Elementary Education'. *Who Goes to School? Exploring Exclusion in Indian Education* (ed. Govinda, R.), New Delhi: Oxford University Press.

Sekho, R. 2011. Challenges to Indian Democracy: A Study of the Chiru Community from Manipur. In *Tribes in Today's India: Challenges and Prospects* (ed. Joseph Marianus Kujur). Indian Social Institute.

Verma, R. and Dass, B.K. 2011. 'Repeated Low-Density Burst Error Detecting Codes'. *Journal of the Korean Mathematical Society*, Vol. 48, No. 3.

Rajpal, V.R. Published a paper on molecular Characterization of Hippophae germoplasm in the *International Journal Plant Genetic Resources*.

Das, P.J. 2011. Published a research paper in the *Journal of Polymer Science*.

Vij, K. Published three research papers in *Tetrahedron Letters*, *Synthetic Communications* and *Journal of Chemical Sciences*.

Jain, N.K. Published a research paper titled 'Share Buybacks by Companies'.

Verma, M. Published a Book *'Corporate Governance Rating: A Study of Selected Listed Companies in India'*, Germany: LAP Lambert Academic Publishing.

Batra, S. 2012. Published a research paper titled 'Service Qualities of IPv6 and IPv4' in *Indian Journal of Mathematical and Computer Sciences*.

Kaur, H. Published a paper in the Proceedings of the International Conference on Communication Systems and Network Technologies, Jammu and another in the Proceedings of the International Conference of world Congress on Information and Communication Technologies, Bombay.

Agarwal, M. 2011. Published a research paper in *Journal of Intelligent Systems*.

Kapur, H. Published two Books on 'Principles of Microeconomics' for B.A.(P)/B.Com.

Bisht, N.S. Published a research paper in *'The European Physical Journal Special Topics'*.

Mishra, M.M. 2012. Published a research paper in *Journal of Geometric Analysis*.

Thirwani, D. Published a paper in the *International Journal Advanced Modeling and Optimization*.

Verma, M. Published a paper titled 'A-site substitution effect of strontium on bismuth layered $\text{Ca Bi}_4 \text{Ti}_4 \text{O}_{15}$ ceramics on electrical and piezoelectric properties'.

Srivastava, S.K. Published paper titled 'Magnetocaloric properties of $\text{Ni}_{2.29}\text{Mn}_{0.89}\text{Ga}_{0.82}$ alloy'. *Solid State Communication*.

Jain, C. Published papers titled 'Search for Pulsations in the LMXB EXO 0748-676' and 'Eclipse Timings of the LMXB XTE J1710-281: Orbital Period Glitches'.

Jha, R.C. Published a book on the derivational process of Sanskrit Grammar titled 'Parimashendushekhar ki Sameeksha'.

Published a paper 'A Study of Metarules Based on Sastra' in the *Journal of Oriental Institute*.

Mittal, A. Published 2nd Ed. of two books '*Principles of Micro Economics and Principles of Macro Economics*'.

Mishra, S.K. 2012. Sub-Editor of '*Advaitamanih*' (Prof. Ram Murth Sharma Commemorative Vol.) An article on 'Taitirimopanishadabhashyavartika mein Nirupita Brahmaswaroop' written by him featured in this book.

Koul, M. Published a research paper 'Effect of Drought, Salt and Metal Stress on essential oil yielding plants' in national product communications and one article on Urban Forests in Science Reporter.

INDRAPRASTHA COLLEGE FOR WOMEN

Major Activities

The 89th College Day was celebrated with Shri Shailesh Gandhi, Central Information Commissioner as Chief Guest and Professor Veena Das and Prof. Utsa Patnaik as the Distinguished Alumnae Guests of Honor. The IP Annual Public Lecture was delivered by the CAG Mr. Vinod Rai.

The College emphasized service learning in higher education:

A Child Care Centre has been set up under FCW project work.

Department of History worked with the Archaeological Survey of India to intern students as tourist guides.

A paper and e-waste recycling project was begun with the NGO Jagruti. The NSS conducted outreach programmes on various themes.

The College became a part of the Golden Key International Award Programme.

Library Development

Total budget	:	₹ 10,24,400+3,42,945 (OBC Fund)+5,00,000 (XIth Plan)
Books added	:	3,057
Journals subscribed	:	49
Newspaper	:	23

Appointments of faculty members to higher Posts/Assignments

Dr. Babli Moitra Saraf: Invited Faculty to the NIDA School of Translation Studies, Istituto San Pellegrino, Misano – Adriatico, Italy, for two weeks in May 2011.

Honorary Member of the Golden Key International Honour Society, 2011 till date.

Dr. Meenakshi Khanna: Invited 'Annemarie Schimmel Profesur' by the Institute of Asian and Oriental Studies, University of Bonn, Germany in April-July 2011.

Honours/Distinctions

Dr. Babli Moitra Saraf: Selected for Fulbright-Nehru International Education Administrator Seminar 2011.

Received 27th Dr. S. Radhakrishnan Memorial National Award for Teachers, 2011.

Dr. Meenakshi Khanna: *Visiting Annemarie Schimmel Professor* at the Institute for Orient & Asian Studies in the Rheinische Friedrich Wilhelms University of Bonn in Germany, April-July 2011.

Dr. Debjani Sengupta, Dr. Anita Swami, Dr. Mandakini Meena, Dr. Seema Singh and Dr. Manju Bala: Awarded Ph.D. degree.

Seminars/Conferences held

Department of Psychology organized a National Conference titled 'Vicissitudes of Violence: An Inter-disciplinary Conference on Conflict and Peace', 16-17 January 2012.

Department of Political Science, National Seminar on 'Education as a Site of Contestation', 6 April 2011.

Hindi Department द्वारा मार्च 2011 को राष्ट्रीय संगोष्ठी का आयोजन किया गया जिसका विषय 'औपनिवेशिक मानसिकता से पूर्ण समय और समाज वेफ मध्य भाषा का प्रश्न' था। 30 मार्च को 'लेखक से बातचीत' कार्यक्रम का आयोजन किया गया जिसमें हिंदी वेफ जाने-माने लेखक उदय प्रकाश को आमंत्रित किया गया।

Seminars/Conferences attended

Dr. Babli Moitra Saraf: Durga Puja: Sacred Text as Performance- Lecture presented at The NIDA School of Translation Studies, Istituto San Pellegrino, Misano-Adriatico, Italy.

Bhasha Madhyasth Ki Bhumika: Chamatkari Mahilayon Ke Khoj Mein: Ek Case Study. Presentation at the National Conference of the Department of Hindi, Indraprastha College, University of Delhi.

Dr. Meenakshi Khanna: 'The Visionaries of a *tarîqa*: The Uwaysî Sufis of Shâhjahânâbâd', Seminar delivered at Institute for Iranian Studies at Austrian Academy of Sciences, Vienna in June 2011.

'Syncretism or Acculturation? Situating Hindu gods in sufi narratives from Mughal North India during 17th & 18th Centuries', Seminar delivered at Institute of Orient & Asian Studies, Department of Islamic Studies at Fredrich Wilhelms University, July 2011.

Dr. Veena Gupta: Co-Chairperson for Scientific Session VIII at International Conference on Psychology in Contemporary Context: A Positivistic Approach, organized by India Career Development Association and Work Psychology and Human Resources Forum, at University of Delhi, May 2011.

Presented Paper 'Reiki as a Complementary Healing Method' at International Conference on Psychology in Contemporary Context: A Positivistic Approach, organized by India Career Development Association and Work Psychology and Human Resources Forum, at University of Delhi, May 2011.

Presented Paper 'Relationship between Happiness, Health and Locus of Control in Mothers and Daughters' at International Conference on Psychology in Contemporary Context: A Positivistic Approach, organized by India Career Development Association and Work Psychology and Human Resources Forum, at University of Delhi, May 2011 (Jointly with Ms. Janhavi Devdutt).

Presented Paper 'Resolving Conflicts in Interpersonal Relationships' at National Conference on Vicissitudes of Violence: An Inter-Disciplinary Conference on Conflict and Peace organized by Department of Psychology, Indraprastha College for Women, University of Delhi, January 2012.

Dr. Poonam Trivedi: Presented papers: 'Singing to Shakespeare: the case of *Omkara*', Panel on 'The Renaissance of Shakespeare film', at the 9th World Shakespeare Congress, Prague, 17-22 July 2011.

'Shakespeare in India' and 'Whither English Studies?' Workshop on 'Future directions for South African Shakespeare studies: changing the emphasis, growing the field', at the Institute for Humanities, University of Cape Town, 9-10 August 2011.

'Working with the *Natya Shastra*' at VIII Annual International Conference of the Indian Society for Theatre Research on 'Pedagogy and Theatre', at the Flame School of Performing Arts, Pune, 9-11 February 2012.

'Shakespeare with and without his Languages', Keynote address at National Seminar on 'Translating Shakespeare in India: Issues and Perspectives', Department of English, Sambalpur University, 17 February 2012.

Dr. Debjani Sengupta: Presented a paper, 'The Wondrous Traveller: Leela Majumdar and Science Fiction in Bengal. in the International Conference of Bengal Studies, University of Dhaka, 19-21 December 2011.

Key note Speaker at the UGC sponsored Seminar 'The Construction of the Nation in Indian English Writings, at Prabhat Kumar College, Contai, West Bengal, 10 Jan. 2012.

Ms. Anita Cherian: Presented paper title: 'Acting, Speaking, Writing: Transcribing Revolutionary Acts'. International Seminar on 'Orality: Word, Text and Beyond', at the Indian Institute of Advanced Study, Shimla, 10-12 October 2011.

Ms. Anita Cherian and Ms. Hansika Singhal: Presented Paper 'Work Family Conflict, Work Family Guilt, and Gender Role Ideology: Impact of gender differences and age of the children among employed parents' at National Conference on Vicissitudes of Violence: An Inter-Disciplinary Conference on Conflict and Peace organized by Department of Psychology, Indraprastha College for Women, University of Delhi, January 2012.

Publications

Books

Saraf, B.M. 2011. Bhasha Madhyastha ki Pehchaan ka Prashan In *Ikkisvi Sadi: Aupnivaishik Mansikta aur Bhasha*. Ed. Sharma, H.B., Ghaziabad: Antika Prakashan.

Sethi, R. 2011. *Vigyapan Dot Com*, New Delhi: Vani Prakashan.

Sengupta, D. 2011. Editor, *Mapmaking, Partition Stories from Two Bengals*, (2 ed.), Delhi: Amaryllis.

Research Articles in Books or Scholarly Journals

Bhargava, M. 2011. 'Delhi Under The Mughals', in INTACH Training Manual for Heritage Interpreters on World Heritage Sites of Delhi, Qutab Minar, Humayun's Tomb, Red Fort, INTACH, New Delhi, December 2011.

Swami, A. 2011. A research paper entitled 'Pitanjala-Yoga –Parampara mein Agama pramana' published in the Vol. 2, Issue-2, Nava Gavesana, An International Research Journal of Vakovakyam Shodha Sansthana and Madpeople's Trust, Varanasi, April-June 2011.

2011. A research paper entitled 'Kasmira-Saiva Darsana mein Yoga' published in a *research Journal Anusilana*, Vol. XXXIV, Department of Philosophy & Religion, Faculty of Arts, BHU, Varanasi.

2012. A research paper entitled 'Pitanjala-Yoga –Parampara mein Chitta Ka Swarupa' published in the Vol. 1, Part-14 *Pratibha*, Research Journal of Humanities, Pratibha Prakashan, Triveni Sewa Samiti Allahabad, January-March 2012.

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES

Major Activities

Multiutility Gymnasium developed with the non-recurring grant of ₹ 1.0 crore.

Overall Institute's Computerization promoted with Wi-Fi and LAN systems.

Sports Sciences laboratories strengthened with latest equipments including Roscraft Anthropometric kit, Holtain Anthropometry, Heart rate Monitors etc. with the help of non-recurring grant of ₹ 50 lacs.

Badminton Hall, Assembly Hall, Playfields and front court yard renovated completely with an expenditure of ₹ 74 lacs.

CCTV Cameras installed covering the entire Institute.

Appointments of faculty member to higher Posts/Assignments

Dr. Devinder K. Kansal: Invited as a resource person by the Organizers of Maidan Summit 2011 on 'Sports for Development', Keynote Speaker at Inaugural and for Session on Sport and Physical Education in Colleges and Universities, 1-3 December 2011.

Dr. Sandeep Tiwari: Appointed as Member, Board of Research Studies, LNUPE, Gwalior. He was also appointed as Member, Departmental Research Committee, LNUPE, Gwalior.

Dr. Anil K. Vanaik: Appointed as Observer, AIU for All India Handball Inter-University Men & Women Championship held at Chandigarh in January 2012. He was also appointed as Co-Chairman, Organizing Committee of UGC sponsored International Conference on Physical Activities & Sports for Global Peace and Development, 19-21 October 2011.

Dr. Rakesh Gupta: Appointed as a member of Board of Studies in Physical Education of the Bundelkhand University, Jhansi for a period of three years.

Dr. J.P. Sharma, Dr. Rakesh Gupta, Dr. Pardeep Kumar and Dr. Vijay: Acted as Resource Persons for the In-service Training Programme for Physical Education Teachers organized by State Council of Education, Research and Training, November 2011.

Honours/Distinctions

Dr. Sandeep Tiwari: Appointed as a Co-Chairman, Organizing Committee, Chairperson, Scientific Session and Master of Ceremony/Stage Secretary in a UGC sponsored International Conference held by the Institute in collaboration with the Department of Physical Education & Sports Sciences, University of Delhi, 19-21 October 2011.

Dr. Sandhya Tiwari: Appointed as a Convener for Workshop on Exercise physiology for the Pre-Conference Workshop held on 18 October 2011, Member, Scrutiny Committee of Scientific Papers, Coordinator, Scientific Session and Executive Member, Organizing Committee in the International Conference on Physical Activity & Sports for Global Peace & Development.

Dr. Sarita Tyagi: Appointed as Organizing Secretary, UGC sponsored International Conference in collaboration with the Department of Physical Education & Sports Sciences, University of Delhi, 19-21 October 2011.

Dr. Rakesh Gupta: Appointed as Convener, Registration Committee, Executive Member, Organizing Committee and Chairperson of a Scientific Session of UGC Sponsored International Conference on Physical Activity & Sports for Global Peace & Development, 19-21 October 2011.

Dr. Pardeep Kumar: Participated in 33rd National Master Athletics Championship-2012 at Kanteerva Stadium, Bangaluru, Karnataka, 23-26 February 2012.

Seminars/Conferences attended

Dr. Rakesh Gupta: Participated in National Seminar and presented a Theme Paper entitled, Management of Olympic Movement and Professional Preparation in India and was invited as Resource Person, 4 December 2011.

Attended two Pre-International Conference Workshops on 'Psychological Interventions', and on 'Exercise Physiology', organized by Department of Physical Education & Sports sciences & IGIPSS, University of Delhi, 18 October 2011.

Presented a paper entitled, Study of Acceleration Ability and Balance Ability Components in Relation to Sprinting Ability of Under-graduate Physical Education Male Students from University of Delhi, in International Conference on Physical Activities & Sports for Global Peace and Development jointly organized by Department of Physical Education & Sports Sciences and Indira Gandhi Institute of Physical Education & Sports Sciences, University of Delhi, 19-21 October 2011.

Dr. Pardeep Kumar: Participated in International Conference on 'The Future of Tourism Education and Growth of Tourism in Asia-Pacific: Vision, Values and Principles' organized by College of Vocational Studies in association with UGC, 1-2 March 2012

Presented two papers entitled, 'Specific Goal Imagery Training for Enhancing the Performance of Penalty Shooting in Football' and 'Specific Goal Imagery Training for Enhancing the Performance of Penalty Shooting in Football' in an International Conference on Physical Activities & Sports for Global Peace and Development jointly organized by Department of Physical Education & Sports Science & IGIPSS, University of Delhi, 19-20 October 2011.

Participated in International Conference on 'Human Rights In The 21st Century: Global Perspective, National Challenges' organized by Shyam Lal College (Evening), at India International Centre, New Delhi, 14-15 February 2012.

Co-presented a paper entitled, 'Scientific Aspect of Hath-Yoga For Holistic Development of Human Being' in an International Conference on 'Global Innovations, Strategies and Policies in Physical Education and Sports Sciences' sponsored by UGC and organized by Department of Physical Education and Sports, Gurukul Kangri Vishwavidyalaya, Haridwar, 24-26 February 2012.

Participated in International Conference on 'Restoring Culture of Ethics & Values: The Holistic Education Way' organized by C.E.V. & Ramanujan College, University of Delhi and Indian Baha'I Community, Delhi, at Conference Hall, Delhi University and Lotus Temple, New Delhi, 8-10 February 2012.

Participated an International Symposium on 'Global Trends of Physical Education and Sports in 21st Century' organized by Noida College of Physical Education, 2-3 April 2011 as delegate.

Attended two Pre-International Conference Workshops on 'Psychological Interventions', and on 'Exercise Physiology', organized by Department of Physical Education & Sports Sciences & IGIPSS, University of Delhi, 18 October 2011.

Publications

Books

Gupta, R. 2011. '*Sharirik Shiksha Mein Anusandhan Paditi*', (In Hindi), New Delhi: Friends Publications.

2011. '*Sharirik Shiksha Mein Shikshan Paditi*', (In Hindi), New Delhi: Friends Publications.

2012. '*Health and Physical Education (Class XI and XII)*', New Delhi: Pinnacle India.

Research Papers

Amrita, A. Hoon and Tiwari, S. 2012. 'A Comparative study of Mental Toughness between starter and nonstarter female volleyball player'. *South Asian Journal of Physical Education and Sports Sciences*, Amity University Noida.

Chhikara, A., Tiwari, S. and Sharma, L. 2011. Assessment of Competitive Ability among Male and Female Sport Persons, National Convention in Physical Education and Sport Science, Gwalior.

Chhikara, A. and Tiwari, S. 2011. A Comparison of Abdominal Height and Cardio Respiratory Fitness between Middle Aged Men & Women, Pune.

2011. To assess the relationship between Body Mass Index and Cardio Respiratory Fitness of Middle Aged Women, National Conference on Physical Education as Profession, Arya College, Ludhiana.

Gautam, N., Thakur, N. and Tyagi, S. 2011. A Study on Sources of Stress among Players in Relation to Gender and Sports. In proceeding of the International Conference on Physical Activities & Sports for Global Peace & Development. (eds) Tyagi, S., Vanaik, A.K., Sharma, L. and Parmanik, T.N., New Delhi: Sports & Spiritual Science Publication.

Kumar, D. and Tiwari, S. A Comparative study of General Well- being between sports and non-sports college students. UGC sponsored International Conference on Physical Activities & Sports for Global Peace & Development organized by IGIPSS & Department of Physical Education & Sports Sciences, Delhi University, 18-21 October 2011.

Mehra, D. and Tiwari, S. 'Establishing Reliability of Yo-Yo 1 R 2 Test on Indian Intercollegiate Male soccer Players' in UGC sponsored International Conference on Physical Activities & Sports for Global Peace & Development organized by IGIPSS & Department of Physical Education & Sports Sciences held at Delhi University, 18-21 October 2011.

Rohila, T. and Tiwari, S. 'Strategies to Enhance Functional Fitness in the Indian Elderly Population' in the International Symposium on Global Trends of Physical Education & Sports in 21st Century organized by Noida College of Physical Education, 2-3 April 2011.

Roselin and Tiwari, S. 'Effect of Six Weeks of Pranayama Training on Selected Physiological Parameters and Performance in Shooting' in UGC sponsored International Conference on Physical Activities & Sports for Global Peace & Development organized by IGIPSS & Department of Physical Education & Sports Sciences, Delhi University, 18-21 October 2011.

Sachin and Tiwari, S. A study On relationship of Selected Anthropometric Measurement In school Going Boys of West Delhi Age Through 6 Through 9 Years in UGC sponsored International Conference on Physical Activities & Sports for Global Peace & Development organized by IGIPSS & Department of Physical Education & Sports Sciences, Delhi University, 18-21 October 2011.

Singh, V. and Tiwari, S. 2011. Assessment of self confidence among female volleyball players of different levels, International Conference Physical Activities & Sports for Global Peace and Development, Sports and Spiritual Sciences Publications, Delhi.

2011. Drug Abuse and sports performance, 'Symposium on Global trends of physical education & sports in 21st century' Noida.

2012. Assessment of Achievement Motivation among female volleyball players of different levels, National Seminar on 'Counseling Strategies for enhancement of physical & psychological well being', Goa.

Solanki, J. and Tiwari, S. 2012. 2011. Comparison of motivation among volleyball players of intercollegiate and university levels, in UGC sponsored National Conference Global Trends in Physical Education and Sports, Punjab: Friends Publications.

Solanki, V. and Tiwari, S. 2011. A study of awareness of physical education as profession among Physical Education aspirants, in UGC sponsored National Conference on Global Trends in Physical Education and Sports, Punjab: Friends Publications.

2012. To Survey the Students Opinion towards Physical Education and Sports Programme, in UGC sponsored National Conference on Latest Trends in Performance and Psychology Approach, Punjab: Savitar Publications.

Tyagi, S., Nanda, I. and Pandey, R. 'A comparative study on anxiety of Umpires/ Referees belonging to open skill and closed skill sports'. Proceedings of 'International Seminar on Physical Education, Recreation and Yogic Sciences', Department of Physical Education, Faculty of Arts, BHU Varanasi, 18-21 February 2012. pp. 149-152.

2012. 'Career pattern and career contingency of women hockey players: An occupational analysis' Proceedings of International Seminar on Physical Education, Recreation and Yogic Sciences', Department of Physical Education, Faculty of Arts, BHU Varanasi, 18-21 February 2012. pp. 207-212.

Tyagi, S., Gautam, N. and Thakur, N. 2011. A Study on Sources of Stress among Players in Relation to Gender and Sports 'Proceedings of International Conference on 'Physical Activities & Sports for Global Peace and Development', University of Delhi, New Delhi, 19-21 October 2011, pp. 229-233.

Tyagi, S., Nanda, I. and Pandey, R. 'Comparative Study on Conflict Resolution between Athletes and Non-Athletes of Delhi University' Proceedings of 'International Conference on Physical Activities & Sports for Global Peace and Development', University of Delhi, New Delhi, 19-21 October 2011, pp. 322-330.

2011. 'Analysis of prevalence of drugs in Olympics Games' Proceedings of International Conference on Physical Activities & Sports for Global Peace and Development', University of Delhi, New Delhi, 19-21 October 2011, pp. 331-334.

Tyagi, S., Vanaik, A., Sharma, L. and Parmanaik, T. 2011. 'Physical Activities & Sports for Global Peace and Development', Delhi: Sports & Spiritual Sciences Publications.

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES

Library Development

Total Budget	:	₹ 52 lakhs
Books added	:	290
Journals subscribed	:	124

Honours/Distinctions

Dr. Om Prakash: Received Indian Council of Medical Research Tilak Venkoba Rao Award (2007) for significant contribution in the field of Psychological Medicine.

Selected for prestigious 'Master Class on Ageing' as young geriatrician from India and South Asia, organized by International Association of Gerontology and Geriatrics, IAGG-MCA, 22-24 November 2011.

Received UNV Karmaveer Chakra 2011 'Exceptional work for Senior Citizens' A National Award for Exceptional work for Age Care Promoted by iCongo 'Karmaveer Puraskaar KVP VSO & Silver Inning Foundation and other organizations working with elderly.

Seminars/Conferences held

'National Consultative Workshop on Mental Health Rehabilitation' organized by IHBAS at IHBAS on 28th October 2011 in collaboration with World Association for Psychosocial Rehabilitation, Indian chapter and was funded by WHO.

Seminars/Conferences attended

Dr. Kiran Bala: Attended 29th International Epilepsy Congress at Rome, Italy and presented a paper on 'Epilepsy awareness amongst students: an observation in Metropolitan city of Delhi', 28 August – September 2011.

Dr. P.K. Upadhyay: Attended 5th South Asian Neurosurgical Congress of Neurological surgeons in Nepal, 11-13 March 2012.

Dr. Om Prakash: Attended International Conference on frailty and ageing, Taipei, Taiwan, 25-27 November 2011.

Dr. Rima Kumari: Attended 'World Congress of Huntington's disease held in Melbourne, Australia, 11-14 September 2011.

Dr. Nimesh G. Desai: Delivered a Keynote address at the International Conference on Transcultural Psychiatry, organized by Ranchi Institute of Neuro-Psychiatry, 24 Sept. 2011.

Dr. T.B. Singh: Participated as invited resource person in the International Conference on Recent Advances in Cognition and Health, at BHU, Varanasi, 23-24 January 2012.

Dr. Neelam Chhillar: Attended International Conference on stress: Paradigm shift in Technology and Allied Sciences (ICONS-PSTAS), 27-28 December 2011.

Attended National Symposium on emerging trends in Biotechnology, 24-25 Feb. 2012.

Dr. Rachna Agarwal: Attended 2nd International Congress on Gerontology and Geriatric Medicine 2012, at University College of Medical Sciences & GTB Hospital, AIIMS, Delhi.

Dr. Nimesh G. Desai: Keynote address in National Seminar on 'Ecology and Health: Anthropological Dimensions' at Chandigarh, 1-2 February 2012.

Delivered a Lecture at the National Conference on Corruption in New Delhi, 16-17 July 2011.

Dr. Mukul Kumar Jain: Attended 7th WINFOCUS World Congress on ultrasound in emergency and critical care at New Delhi, 26-27 November 2011.

Dr. C.B. Tripathi: Attended 29th Annual National Conference of Indian Society for Medical Statistics on 'Expanding Medical Statistics-Key to Excellence in Biomedical Research', organized by Department of Biostatistics, Tuberculosis Research Centre, ICMR, Chennai, 3-5 November 2011.

Dr. V.K.S. Gautam: Attended International Neuroscientist's summit (INSS) at Indo American Hospital Brain & Spine Centre, Vaikom, Kottayam, Kerala, 8-10 March 2012.

Dr. Arvind Arya: Attended 18th Annual Conference of the Indian society of Critical Care Medicine and International Critical Care Congress, organized by ISCCM Pune Branch at Pune, 15-19 February 2012.

Publications

Books

Mukundan, C.R. and Singh, T.B. (Consultant Editors 2011). In Sharma, V. and Malhotra, S. 2011. *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Sharma, V. and Malhotra, S. 2011. *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Chapters in book

Malhotra, S., Rajender, G. and Singh, T.B. 2011. Activities of Daily Living: Assessment and Rehabilitation. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Singh, T.B. and Malhotra, S. 2011. Elements of Caregiver Burden and Intervention. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Sharma, V. 2011. An Overview of Neuropsychological Assessments. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Malhotra, S., Tyagi, S., Sharma, V. and Singh, T.B. 2011. Memory Functions: Assessment & Rehabilitation. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Gupta, R. and Sharma, V. 2011. Neuropsychological Assessment and Management of Patients with Dementia: A Practical Approach. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Verma, N., Singh, N., Malhotra, S. and Sharma, V. 2011. Neuropsychological Assessment and Management of Patients with Epilepsy: A Practical Approach. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Bonarjee, P., Jha, M. and Sharma, V. 2011. Neuropsychological Impairments, Assessment and Rehabilitation in Alcohol Dependence. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Sharma, V., Singh, R., Talwar, U.K. and Bhargava, R. 2011. Ethical and Legal Issues related to Dementia and Epilepsy. In Sharma, V. and Malhotra, S. (eds.) *Clinical Neuropsychology (Assessment and Rehabilitation: A Practical Approach)* Agra: Harprasad Institute of Behavioural Studies.

Research Articles

Kaur, L., Rustagi, V., Sharma, V. and Singh, T.B. 2011. 'Family environment as a factor in tension type headache'. *Indian Journal of Social Psychiatry*; 27(1-2): 52-54.

Rajender, G., Malhotra, S., Bhatia, M.S., Singh, T.B. and Kanwal, K. 2011. 'Efficacy of cognitive retraining techniques in children with attention deficit hyperactive disorder'. *The German Journal of Psychiatry*; 14(2): 55-59.

Rajender, G., Bhatia, M.S., Kanwal, K., Malhotra, S., Singh, T.B. and Chaudhary, D. 2011. 'Study of neurocognitive endophenotypes in drug naïve-obsessive compulsive disorder patients, their first degree relatives and healthy controls'. *Acta Psychiatrica Scandenaria*; 124: 152-61.

Kaur, L., Rustagi, V., Sharma, V. and Singh, T.B. 2011. 'Family Environment as a factor in Tension Type Headache'. *Indian Journal of Social Psychiatry*, Vol. 27(1-2), pp. 52-54.

Nehra, D.K., Sharma, V., Mushtaq, H., Sharma, N.R., Sharma, M. and Nehra, S. 2011. 'Emotional Intelligence and Alexithymia in Alcoholics'. *Behavioural Scientist*, Vol. 12(1), pp. 101-108.

Talwar, U.K., Verma, A.N., Singh, R. and Sharma, V. 2011. 'Co-Dependency and Marital adjustment in Depression'. *Delhi Psychiatry Journal*, Vol. 14, No. 1, 110-115.

Prakash, O., Bagepally, B.S. Catatonia and Mania. 2012. 'in patient with AIDS: treatment with lorazepam and risperidone'. *Gen Hosp Psychiatry*. [Epub ahead of print] PubMed [citation] PMID: 22361355.

Sinha, P., Garg, A., Prakash, O. and Desai, N.G. 2012. 'Drug-induced psychosis associated with albendazole-ivermectin combination therapy'. *Gen Hosp Psychiatry*. [Epub ahead of print] PubMed [citation] PMID: 22325629.

Sureshkumar, R., Bharath, S., Jain, S. and Prakash, O., Purushottam, M., Thennarasu, K., Mukherjee, O., Sivakumar, P.T. and Varghese, M. 2012. 'ApoE4 and late onset depression in Indian population'. *J. Affect Disord*. 136(3): 244-8. Epub 2012 Jan 5. PubMed [citation] PMID: 22226379.

Agarwal, S. and Prakash, O. 2012. 'Psychiatric and physical morbidity in an urban geriatric population - Some issues'. *Indian J. Psychiatry*; 54: 91.

Prakash, O. 2011. 'Poly-pharmacy in psychiatry: a debatable contemporary practice? Not much evidence'. *Afr J. Psychiatry (Johannesbg)*. 14(5): 410. PubMed [citation] PMID: 22183473.

2011. 'Need to identify modifiable risk factors of dementia in the older UK African-Caribbean population'. *Br J. Psychiatry*. 199(3): 249-50. PubMed [citation] PMID: 21881101.

- 2011.** Depression is treatable condition: Lesson for physicians. In response: Jackie Hopson, Jeremy Holmes. A Patient's Journey: Through the wasteland: chronic depression. *BMJ* 2011;342:doi:10.1136/bmj.d93, 18 April 2011.
- 2011.** Genetic risk factor in dementia: Difficult to ignore. In response: K Ritchie, I Carrière, C W Ritchie, C Berr, S Artero, M-L Ancelin. Designing prevention programmes to reduce incidence of dementia: prospective cohort study of modifiable risk factors. *bmj* 2010;341:doi:10.1136/bmj.c3885, 28 June 2011.
- 2011.** Carers of dementia need educative sessions: Indian experience. In response: Gill Livingston, Gerard Leavey, Monica Manela, Deborah Livingston, Greta Rait, Elizabeth Sampson, Shilpa Bavishi, Khodayar Shahriyarmolki, Claudia Cooper. Making decisions for people with dementia who lack capacity: qualitative study of family carers in UK. *bmj* 2010;341:doi:10.1136/bmj.c4184, 29 June 2011.
- 2011.** 'Depression is underdiagnosed and undertreated' - Are governments listening? In response: E Licht-Strunk, H W J Van Marwijk, T Hoekstra, J W R Twisk, M De Haan, A T F Beekman. Outcome of depression in later life in primary care: longitudinal cohort study with three years' follow-up. *bmj* 2009;338:doi:10.1136/bmj.a3079, 30 June 2011.
- 2011.** Health is more important than money invested in identification/assessment of case. In response: Mike Paulden, Stephen Palmer, Catherine Hewitt, Simon Gilbody. Screening for postnatal depression in primary care: cost effectiveness analysis. *bmj* 2009;339:doi:10.1136/bmj.b5203, 26 June 2011.
- 2011.** 'Under-recognition of dementia syndromes persists in primary care': A challenge for training programs for physicians. In response: Greta Rait, Kate Walters, Christian Bottomley, Irene Petersen, Steve Iliffe, Irwin Nazareth. Survival of people with clinical diagnosis of dementia in primary care: cohort study. *bmj* 2010;341:doi:10.1136/bmj.c3584, 30 June 2011.
- 2011.** Are governments listening to this news of population explosion of 7 billion? In response: Nigel Hawkes. Work for young people and care of elderly people are problems as world's population hits seven billion. *bmj* 2011;343:d6915, 27 October 2011.
- Kumar, S. and Prakash, O. 2011.** Non Pharmacologic management of agitation in dementia. In response: Bettina S Husebo, Clive Ballard, Reidun Sandvik, Odd Bjarte Nilsen, Dag Aarsland. Efficacy of treating pain to reduce behavioural disturbances in residents of nursing homes with dementia: cluster randomised clinical trial. *bmj* 2011;343:doi:10.1136/bmj.d4065, 30 July 2011.
- Kumar, S., Prakash, O. and Shekhawat, L.S. 2011.** Psychogenic Non Epileptic Seizures Misdiagnosis. In response: Jon Stone, Roger Smyth, Alan Carson, Steff Lewis, Robin Prescott, Charles Warlow, Michael Sharpe. Systematic review of misdiagnosis of conversion symptoms and 'hysteria'. *bmj* 2005; 331: 989 doi:10.1136/bmj.38628.466898.55, 26 July 2011.

Aggarwal, A., Rastogi, N., Mittal, H., Chhillar, N. and Patil, R. 2011. 'Thyroid hormone levels in children receiving Carbamazepine or Valproate'. *Pediatric Neurology*; 45: 159-162.

Gupta, C. and Gupta, A. 2011. 'Blood Substitutes'. *Indian J. Transfusion Medicine*. 1: 45-50.

2012. 'Platelet Transfusion in Dengue patients'. *Indian J. Transfusion Medicine*. 2: 70-74.

Chhillar, N., Khurana, S. and Agarwal, R. 2011. 'Effect of Pre-analytical errors on quality of Laboratory Medicine'. *Ind J. Clin Biochem*. 25(1): 46-49.

Sharma, S., Mukherjee, S., Kumar, N., Prakash, A., Tabassum, F., Agarwal, R. and Kumar, K. 2012. 'Relationship between carbamazepine concentration and dose in North Indian population'. *Pharmacologia*, 3 (7): 190-195.

Agarwal, R. and Tripathi, C.B. 2011. 'Diagnostic Utility of CSF Tau and A β 42 in Dementia'. *International Journal of Alzheimer's disease*; DOI 10.4061/2011/503293.

Agarwal, R., Chaturvedi, S., Chhillar, N., Goyal, R., Pant, I. and Tripathi, C.B. 2011. 'Role of intervention on laboratory quality'. *Ind J. Clin Biochem*. DOI 10.1007/s12291-011-0182-7.

Mitrabasu, Sripathy, G., Ravishankar, L., Chug, P.K., Chhillar, N., Tripathi, C.B. 2011. 'Association of Diabetic neuropathy with Clinical and Laboratory Parameters in Adult Indian Subjects'. *The Indian Practitioner*; 64(3): 139-44.

Jain, M.K. and Tripathi, C.B. 'Endotracheal tube cuff pressure monitoring during neurosurgery-Manual Vs Automatic method'. *J. Anaesth Clin Pharmacol*; 27(3): 358-61.

Thakur, R., Sarma, S. and Goyal, R. 2011. Comparison of DNA extraction protocols from Mycobacterium tuberculosis for diagnosis of tubercular meningitis (TBM) by Real time PCR. *J. of Global Infectious Diseases*.; 3(4): 353-356.

INSTITUTE OF HOME ECONOMICS

Major Activities

The institute, founded in 1961 to satisfy the growing urge of the contemporary women for wider educational and professional avenues, completed its 50 years of glorious existence this year. To commemorate its 5 decades of existence, IHE celebrated 2011-12 as its Golden Jubilee year.

The Institute is expanding its infrastructure by constructing a new building block with state-of-the-art laboratories and lecture theatre.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
'Towards Inclusive Early Childhood Education: Assessment and Intervention in Anganwadis in Delhi'.	Dr. Geeta Chopra	UGC
'Isolation of yeasts from fermented foods and their potential use as probiotics'.	Dr. Ashima Vohra	DST
'Facilitating Constructivism in Primary Classrooms in Delhi'.	Mrs. Nidhi Gulati Mrs. Mamta Singhal	ICSSR

Honours/Distinctions

Dr. Santosh Jain Passi: Invited to visit their research projects the three Universities of South Africa i.e. Vaal University of Technology, Northwest University (Potchesterum) and Durban University of Technology, 21 May- 3June 2011.

Dr. Seema Puri: Conferred the 'Distinguished Service Award' by The Geriatrics Society of India in 2011 for her work in the field of Geriatric care. Nominated member of State Nutrition Council, Govt. of NCT of Delhi and elected member of the National Executive of Indian Dietetic Association. Lead Discussant in Session on 'What are the micronutrients that need to be considered for food fortification?' at the Stakeholder's Consultation on Regulation for Fortification of Staple Food, National Institute of Nutrition, Hyderabad, 15 April 2011. Member of Project Review Committee in Geriatrics and Biogerontology of the Indian Council of Medical Research. Invited speaker on 'Public Health Implications of Aging' at the 44th National Conference of the IDA, New Delhi in November 2011.

Dr. Charu Gupta: A member of Expert committee SOCE, IGNOU, for Designing curriculum on diploma in Fashion Merchandising.

Dr. Geeta Chopra: Conferred NGO Women International Network *Nav Kiran Award for her work in the field of Disability*.

Dr. Parveen Pannu: The WHO Representative, Communication Expert in Food Safety, with Ministry of Agriculture and Forests, Bhutan Agriculture and Food Regulatory authority, Royal Government of Bhutan with the funding support of WHO.

Dr. Savita Aggarwal: A subject matter expert for reviewing research projects for Ministry of Science and Technology, September 2011.

Dr. Namita Saini: A member of Programme and souvenir committee in National Seminar on Sports Biomechanics and Exercise Sciences, April 2011.

Ms. Shipra Gupta: An elected Executive Member of IDA-Delhi Chapter.

Seminars/Conferences held

International Conference on 'Vitamin D' By Department of Biochemistry, 4-5 Oct. 2011.

National Conference on 'Sustainable Development – A collective vision' By IHE, 31 October- 1 November 2011.

Dr. Seema Puri and Dr. Geeta Chopra: National level Workshop on 'Innovate For Nutrition: Experiences From Development Marketplace Projects In India', 16 Dec. 2011.

Seminars/Conferences attended

Dr. Parveen Pannu: Presented a paper at the Plenary Poster Session at the 60th Annual International Communication Association 2011, titled 'Mobiles and Family-based Microenterprises: The Case of *Presswallas* in India' at Boston, USA, 25-30 May 2011.

Presented a paper on 'Exploring integration of websites with social change in the age of globalization-its effectiveness against female foeticide' and co-presented a paper on 'E-Learning with Games: Balancing Learning with Fun' at the 20th AMIC Annual International Conference, Hyderabad, June 2011.

Ms. Mamta Singhal : Presented a paper titled 'Students and teachers perception of nature of science: A framework for science education' in 'London International Conference on education', UK, 7-11 November 2011.

Presented a paper titled 'Scientific literacy: Challenges to a dream' at an International Conference on Learning Community for Global Reform, Gwalior, 18-20 November 2011.

Presented a paper titled 'B.El.Ed. Interns' Understanding of content and nature of science: Reflections from the field' at a National Seminar held in Lady Shri Ram College, Delhi, 23- 24 September 2011.

Ms. Yuki Azaad and Ms. Neeti Vaid: Presented the paper on 'The reality of Reality Shows' at the 2nd International SEARCH (South East Asia Research Centre for Communication and Humanities) Conference on 'New Media Culture and Challenges', Kuala Lumpur, Malaysia, May 2011.

Dr. Namita Saini: Presented a paper coauthored with Dr. Manjula Suri on (i) 'Effects of Altitude on Human Physiology' and Performance: A Review, and another paper on 'Health Benefits of Suryanamaskas' at the UGC sponsored International Conference on 'Physical Activities & Sports for Global Peace and Development' held in Delhi, October 2011.

Mrs. Nidhi Gulati: Presented a paper titled, 'Conceptions of a teacher: Professional Identities of B.El.Ed. alumna' at the International CESI Conference at the University of Hyderabad, November 2011.

Ms. Ruchira Das: Presented a paper on 'Identity, Education and Life Chances: Dilemmas of Santali Migrants in a Metropolis' in the International Conference on 'Rethinking Education Policy' at University of Hyderabad, Hyderabad, 16-18 November 2011.

Ms. Sharmila Rathee: Presented a paper titled as 'Rethinking Inclusive Education Policy from Social-Psychological Perspective' at International Conference of Comparative Educational Society of India on the theme 'Rethinking Education Policy', 16-18 Nov. 2011.

Dr. Ranjana Mahna: Presented a paper 'Relevance of Gaming in E-Education in a Convergent World' at a National Conference 'Excellence in Higher Education' organized by IIT Delhi, 1-3 April 2011.

Participated in the 6th International Conference and Summit on 'Digital Content and Services' at the 8th 'The Manthan Award Annual Digital Festival' for Development organized by Digital Empowerment Foundation and org at India Habitat Centre on 1-2 December 2011.

Dr. Savita Aggarwal and Dr. Geeta Punhani: Presented a paper on 'Climate Change and Water Poverty: The Indian Scenario' and another paper on 'Enhancing the Adaptive Capacity of Women through ICTs' at the sixth 'National Extension Education Congress' at ICAR Complex, Ela, Old Goa, 16-18 December 2011.

Presented paper on 'Climate Change and Women: Water Mediated Impacts' at the National Seminar organized by IC College of Home Science, CCS Haryana Agricultural University, Hissar, 16-17 February 2012.

Ms. Shipra Gupta: Presented the papers on (i) 'Nutrition Knowledge, Dietary Practices and Nutritional Status of Prospective Elementary School Teachers' and (ii) 'Impact of Marital Status on Dietary Practices and Nutritional Profile of Working Women' at 44th Annual National Conference of Indian Dietetic Association at All India Institute of Medical Sciences, New Delhi, November 2011.

Mrs. Nidhi Gulati: Presented paper titled, 'Teaching as a Choice: Reflections on B.El.Ed. Program' at the National Conference on Teacher Education titled 'Pedagogic Trajectories', held at LSR, in September 2011.

Ms. Deepshikha Kataria: Presented a poster on 'Effect of Good Hygiene Practices on Quality of Dairy Products' at the National Conference 'Indian Convention of Food Scientists & Technologists (ICFOST) XXI' organised by AFSTI, CFTRI, FSSAI and DFRL at Pune, Maharashtra, January 2012.

Mrs. Meghna and Mrs. Pratima: Attended UGC sponsored National Seminar on 'Business for Sustainable Development', at Jesus & Mary College, University of Delhi, 16-17 February 2012.

Communication to Conferences

Puri, S., Kaur, M. and Marwaha, R. Changing Lifestyles and Bone Mineral Health of Indian Elderly. Ninth Asia/Oceania Regional Congress of Gerontology and Geriatrics (GERO2011), Melbourne, Australia.

Gupta, C., Nagpal, N., Aggarwal, S. and Sharma, D. 2011. Pigment Extraction from Fungus for textile dyeing. '7th International Conference for Apparel and Home Textiles' ICAHT, New Delhi.

Publications

Books

Pannu, P. and Tomar Azaad, Y. 2012. *Communication Technology for Development*. New Delhi: I.K. International Publishing.

Chopra, G. Authored a series of 3 books—*Child and Mother Care: Promoting Health, Preventing Disabilities; Early Detection of Disabilities; and Stimulating Development of Young Children with Disabilities at School and at Home: A guide for Teachers and Parents.*

Chapters in books

Arora, R. and Meghna. Course Writer for revising the module development for TGT Home Science Teachers working in the Directorate of Education.

Punhani, G. 2011. Authored four units on 'Sustainable Development' for vocational training course started by IGNOU.

Aggarwal, S. 2011. Authored two units on 'Environment and Climate Change' for vocational training course started by IGNOU.

Nigam, A. Reviewed a book on Industrial Microbiology. University Press.

Gugnani, A. and Gulati, N. Each authored two units for the D.El.Ed. course of IGNOU.

Vohra, A. Chapter 'Probiotic yeasts' in an International book 'Microbes in Sustainable Agriculture and Biotechnology'. Satyanarayana, T. et al. (eds.), Springer publishers.

Research Articles in Journals

Geeta, K., Khanna, K. and Mahna, R. 2011. 'Physical health and morbidity profile of women in reproductive and post menopausal years'. *Ind. J. Nut. Diet.* 48: 490-498.

Arora, R. 2011. 'Organic Farming practices of plains and hills Farmers and their extent of compliance with National Program for organic production. Guidelines to be published in *Journal of Agriculture Sciences*, KRE publishers.

Kumar, T.G. 2011. Effect of weekly Vitamin D supplements on mortality, morbidity and growth of low birth weight term infants in India up to age of 6 months: randomized controlled trial. *BMJ*.

Misra, A., Nigam, P., Hills, A.P., Chadha, D.S., Sharma, V., Deepak, K.K., Vikram, N.K., Joshi, S., Chauhan, A., Khanna, K., Sharma, R., Mittal, K., Passi, S.J., Seth, V., Puri, S., Devi, R., Dubey, A.P. and Gupta, S. 2012. 'Consensus Physical Activity Guidelines for Asian Indians'. *Diabetes Technol Ther*, 14: 1-16.

Marwaha, R.K., Puri, S., Tandon, N., Dhir, S., Agarwal, N., Bhadra, K. and Saini, N. 2011. 'The effects of sports training and nutrition on bone mineral density in young Indian healthy females'. *Indian J. Med Res.* 134(3): 307-313.

Marwaha, R.K., Tandon, N., Chopra, S., Agarwal, N., Garg, M.K., Sharma, B., Kanwar, R.S., Bhadra, K., Singh, S., Mani, K. and Puri, S. 2011. 'Vitamin D status in pregnant Indian women across trimesters and different seasons and its correlation with neonatal serum 25(OH) D levels'. *British Journal of Nutrition* (e pub 31 May 2011).

Misra, A., Sharma, R., Gulati, S., Joshi, S.R., Sharma, V., Puri, S. and Passi, S.J. et al. 2011. 'For The National Dietary Guidelines Consensus Group. Consensus Dietary Guidelines for Healthy Living and Prevention of Obesity, the Metabolic Syndrome, Diabetes, and Related Disorders in Asian Indians'. *Diabetes Technol Ther*, 683-694.

Tuli, M. 2012. 'Beliefs on Parenting and Childhood in India'. *Journal of Comparative Family*.

Gupta, C., Nagpal, N., Aggarwal, S. and Jain, P. 2011. Bioremediation of reactive textile dyes by microbes. *Asian Dyer*.

Gupta, C., Nagpal, N., Aggarwal, S. and Sharma, D. 2011. 'Pigment extraction from fungus for textiles dyeing'. *Indian J. Fiber Textil Res.* 37: 68-73.

Abstracts

Vashisht, S., Khanna, K. and Arora, R. 2011. 'The Group Dynamics in Self-Help Groups Micro-Enterprises in Haryana State'. *Compendium of Abstracts, Doctoral Dissertation, Institute of Home Economics, Vol. 2.*

Arora, R., Malhen, S. and Seetharaman, P. 2011. 'Effectiveness of the Redressal System for handling Consumer evieences: An Appraisal Compendium of Abstracts Doctoral Dissertation', *Institute of Home Economics, Vol. 2.*

Magu, P., Khanna, K. and Seetharaman, P. 2000. 'Urban Kitchen and Meal Preparation Activities-An Assessment of their association, Compendium of Abstracts Doctoral Dissertation, Institute of Home Economics, Vol. 2, Oct. 2011.

JANKI DEVI MEMORIAL COLLEGE

New Courses/Subjects introduced

Certificate Course on 'Peace and Conflict Studies: the Gandhian Alternative'.

Spanish language.

Library Development

Total Budget	:	₹ 9,82,500/-
Books added	:	1,350
Journals subscribed	:	82

Appointments of faculty members to higher Posts/Assignments

Dr. Mukesh Sagar: Appointed the Convener, Delhi Women's Football Committee.

Dr. Jitender Gill: Appointed a member of the Selection panel for Fulbright Students and Research Fellowship 2012-2013 offered by the United States India Education Foundation.

Dr. Gurinder Harnam Singh: Appointed Referee for Ph.D. Examination Faculty & Performing Arts, Saurashtra University, Gujarat; appointed Member- Board of Study (Vocal Music) Faculty & Performing Arts, Saurashtra University, Gujarat; examiner for Under-Graduate Course, Masters Vocal (Performing Arts Music) Saurashtra University, Gujarat; appointed Resource Person for Subject of Performing Arts for Academic Staff Training College, Saurashtra University (Refresher course for performing Arts).

Dr. Swati Pal: Elected General Secretary of IASA (Indian Association for the Study of Australia) in January 2012.

Honours/Distinctions

Ms. Rita Sinha: Awarded her Black Belt, 2nd Dan in April 2011, by the Tenshinkan Karate Federation of India, Indian Olympic Association, WKFI and Tenshinkan Karate Federation of Japan.

Dr. Swati Pal: Selected by the British Council to participate in the Asia Region UK Alumni Programme 'Leadership Breakthroughs' at Dubai.

Dr. Rajshree Chandra: Awarded a grant for the UKIERI staff exchange programme to King's College, London.

Dr. Rajni Bala Anuragi: Awarded first '*Dileep Ashka Smriti Samman*' for his poetry collection '*Bina Kisi Bhumika Ke*'.

Ms. Sneha Chakradhar: Received the 'Avantika Savita Smriti Samman' in Mathura for her contribution to the Bharatnatyam form of Classical Dance in January this year.

Seminars/Conferences attended

Dr. Deepali Bhanot: Presented a Paper on: 'Building an ecologically sustainable Future for the World: Revisiting Hindu Traditions and Practices' at the International Asian Women Forum with the theme 'Seeding Cultures of Peace and Development' organized by the Asian Conference of Religions for Peace Women's Committee in collaboration with the University of Santo Tomas at the University of Santo Tomas, Manila, Philippines, 24-27 November 2011.

Presented a paper on 'A Hindu Perspective on Unity in Diversity' at the International Seminar on 'Religious Perspective on Unity in Diversity' organized by the Department of Encyclopedia of Sikhism, Punjabi University, Patiala, 14-16 December 2011.

Dr. Chanchal Chopra: Presented a paper titled 'Foreign Institutional Investment in a Big Emerging Economy: Issues of Volatility' at the International Conference on Qualitative and Quantitative Economics Research 2011, Singapore, 23 May 2011.

Edited the Conference Proceedings of the International Conference on International Business, Global Science and Technology Forum, Singapore, July 2011.

Presented a paper titled 'Foreign Institutional Investment in an Emerging Market' at the International Conference on Global Mindset Development in Leadership and Management, University of Riverside, Los Angeles, USA, 23-24 September 2011.

Presented a paper titled 'Foreign Investment in India' at the International Conference on Excellence in Management Practices, Kristu Jayanti College of Management and Technology, Bangalore, 15-16 April 2011.

Dr. Sanju Gupta: Presented a paper on 'Human Security, Women and Conflict: Rwanda in Retrospect' at the 6th International Conference on Interdisciplinary Social Sciences, New Orleans, 11-13 July 2011.

Ms. Sneha Chakradha: Conducted a lecture-demonstration on 'Bharatnatyam, Globalization and Indian Culture and music at the Conservatorium of Music at the University of Sydney, Australia, 6 May 2011.

Dr. Indu Anand: Presented a paper on 'Peace' at an International Seminar on 'Toward World of Dignity for All: The Triumph for the Creative Life' on the 2011 Peace Proposal by Dr. Daisaku Ikeda, President, Soka Gakkai International at IGNSA, New Delhi, 8 September 2011.

Ms. Rita Sinha: Presented a paper titled 'Bihar 1974: The Poetry of The Revolution' at the International Workshop on 'Human Rights beyond the law: Politics, Practices, Performances of Protest' at Jindal Law School, Sonapat, 15-17 September 2011.

Dr. Ruby Bhardwaj: Presented a paper titled 'Stress: Lay Perceptions and Endeavours at Alleviation' at the International Conference on Stress organized by IISMAAS and IIHMR, New Delhi, 27 December 2011.

Dr. Swati Pal: Chaired a session on Australian and Indian Theatre at the Sixth International Conference of IASA 'Australia and India: Market Economy, Ethics and Empowerment', 19th-21st January 2012.

Presented a paper on Symbols and the paraphernalia of Protests titled 'From Russia With love' at the International Workshop on 'Human Rights beyond the Law: Politics, Practices, Performances of Protest' organised by Jindal Global Law School, Sonapat, 15-17 September 2011.

Dr. Payal Nagpal: Presented a paper at an International Conference on 'Subalterns in Shakespeare' organised by the Shakespeare Association and University Grants Commission at St. Bede's College, Shimla, 22-24 September 2011.

Ms. Bharti Arora: Presented a paper titled 'Refusing the Tyranny of Categories: Protean Myths' at the IACLALS International Conference held at Central University of Jharkhand, Ranchi, 2-4 February 2012, in Suniti Namjoshi's Feminist Fables.

Ms. Ruplekha Khullar: Presented a paper on Prisoners' Rights at the UGC sponsored National Seminar on ethics held at Jesus and Mary College, New Delhi, 14-15 February 2012. The title of the Seminar was 'Ethics/Life Interface: Theory and Application in Public Domain (A Multi-disciplinary Approach)'.

Ms. Vandana Madan: Presented a paper titled 'Sanyyasa and Bhakti in the life of a Widow' at a National Seminar 'Sanyassa and Bhakti : The Chaitanyite Perspective', held in Vrindavan, 16-18 of December, 2011.

Dr. Rajni Bala Anuragi: Presented a paper on 'Dalit Mahilaon ka Atma Sangharsha aur Dalit Andolan' at a one day national Seminar on '*Dalit Movement and its Concern in Contemporary Time*' organized by Dr. K.R. Narayanan Centre for Dalit and Minorities Studies, Jamia Millia Islamia, New Delhi.

Ms. Amita Charan: Presented a paper titled 'Emerging Trends in Promotion of Tourism and E-promotion in India' in a National Seminar organized by IHTM-MDU, Rohtak based on theme 'Emerging Trends in Hospitality and Tourism' on 9th-10th April 2011.

Presented a paper entitled 'Analyzing effectiveness of financial inclusion drive in Moradabad district with respect to MNREGA beneficiaries' in a National Seminar on 'Empowering Growth through Corporate Governance and economic stability measures' organized by Sri Guru Gobind Singh College of Commerce on 23 -24 February 2012.

Publications

Books

Chanchal, 2011. *Indira Gandhi - Iron Lady of India* (Critical analysis of her Policies, Achievement's and Failure from 1966 to 1984), Lambert Academic Publishing, Germany.

Gupta, S. 2011. *Indian Security Environment and West Asia: The Challenge of Energy Security*, Lambert Academic Publishing, Germany.

Gupta, S., Soz, S. and Srivastava, R.N. (eds.) 2011. *SAARC: Building Bridges in the South Asian Region Foundation for Peace and Sustainable Development*, New Delhi.

Nagpal, P, 2012. (ed.) *William Shakespeare's Othello*, Worldview Publications.

Pal, S. 2012. (ed.) *Modern European Drama: From Ibsen to Beckett. A collection of twelve essays*, Pencraft International .

Anuragi, R.B. *Bina Kisi Bhumika Ke* poetry collection, Delhi: Arohi Prakashan.

Varjanaon ke Paar Khilta Phool: Krishna Sobti ka Rachna Sansar, Delhi: Arohi Prakashan.

Rawal ,T. 2011. *Sambandh Tattva – Gautama – Nyaya, Bhauddha – Nyaya, Jain – Nyaya ke Sandarbha Mein* New Delhi, Eastern Book Linkers.

Articles

Chanchal, 2011. 'Terrorism: A threat to Regional Security in South Asia'. In SAARC-Building Bridges in the South Asian Region, Foundation for Peace and Sustainable Development, New Delhi 2011.

2011. 'Multiculturalism in a Global Society: Minority Rights and Justice'. In 'Research on Humanities and Social Sciences' ISSN 2224 5766 (Paper) ISSN 2225-0484 (Online) Vol.1, No.3, 2011 New York, USA.

Chandra, R. 2011. 3(ed.) 'Effect: The Novartis Glivec Case'. Economic and Political Weekly. Vol XLVI No.37, September, 2011.

Chopra, C. 2011. 'Determinants of Foreign Institutional Investment in India' in International Journal on Global Business Review, Vol. 1, No. 2, Global Science and Technology Forum.

Choudhury, K. 2011. 'Synge and the Irish Literary Renaissance'. In the *Journal of Drama Studies* Vol. 5 July.

Deepshikha, 2012. 'India's Foreign Policy and Regional Hegemony in South Asia', in Indie Series, Torino World Affairs Institute (Turin) and International Affairs Institute (Rome), January, 2011.

2011. 'Regionalism and Regional Cooperation: A Comparative Study of SAARC and EU', In SAARC: Building Bridges in the South Asian Region, Foundation for Peace and Sustainable Development, Saifuddin Soz, R.N. Srivastava and Sanju Gupta (eds.) pp. 91-107, New Delhi.

Gupta, S. 2011. 'Energy Security and Sustainable Development in South Asia: Efforts toward a Low Carbon Future'. In SAARC: Building Bridges in the South Asian Region, Foundation for Peace and Sustainable Development, New Delhi, pp. 221-270.

Khullar, R. 2011. 'Punishment and Human Rights' in *Applied Ethics and Human Rights: Conceptual Analysis and Contextual Applications*, ed. Shashi Motilal, Anthem Press India, Anthem South Asian Studies.

Sheemer, T. 2011. 'Gardens in the Kathasaritsagara' in the proceedings of the Indian History Congress, 69th Session, Kannur, pp. 187-195.

Sinha, R. 2011. 'In Times and Worlds Unknown: Asimov and the Indian student' in 'Exploring Science Fiction: Text and Pedagogy' in Cinema, Literature and Cultural Series (ed. Geetha B. and Amit Sarwal) SSS Publications, Delhi.

Upadhyaya, S. Review of two poetry collections *Bodh jo Abhivyakti Banna Chahta Hai* in Samkaleen Bhartiya Sahitya, May-June, 2011, Ank-155

Poems published in quarterly *Samsamayik Srijan*, June-Aug., 2011.

Anuragi, R.B. Published poems in the book *Campus Mein Kavita*, Delhi: Swaraj Prakashan.

Aupniveshik Mansikta Aur Bhasha ki Rajniti, in the book 'Ikkisawin Sadi: Aupniveshak Mansikta Aur Bhasha', Ghaziabad: Antika Prakashan.

JESUS AND MARY COLLEGE

Major Activities

The 1st Newsletter of WSDC 'Still I Rise' was launched by Ms. Rajni Abbi, the Mayor of Delhi on 23rd February, 2012. The monthly newsletter dealing exclusively with issues related to gender and sexuality, aims to create greater sensitization towards these issues, and encourage multiple, diverse yet empathetic views. Several informative talks, Workshops and even an inter-college festival were organized by the Women's Studies Development Centre.

The Annual College Festival Montage held on 23-24th February, 2012 provided an opportunity for students to showcase their talents. The festival brought students from all colleges of Delhi University together in a vibrant and colourful environment. The cultural activities saw the societies at their creative and competitive best. The cultural interaction was a roaring success and we look forward to it in the coming year as well.

New Courses/Subjects introduced

Computer Application
Advertising, Sales Promotion & Sales Management

Library Development

Total Budget	:	₹ 10,44,100/-
Books added	:	861
Journals subscribed	:	97

Appointments of faculty members to higher Posts/Assignments

Dr. Alka Sehgal: Appointed as a Superior in the RRCE Teacher Fellowship Program 2011-12 funded by Sir Dorabjee Tata Trust.

Appointed as Co-convenor of the combined Entrance Examination – B.El.Ed. 2012.

Dr. Reena Marwaha: Appointed International consultant by UN Women SARO for Mapping Study in Bangladesh on promoting women's political leadership and governance in Bangladesh; July-August 2011.

Seminars/Conferences held

National Seminar on Human Rights organized by the Department of Political Science and sponsored by the University Grants Commission, on 17-18 January 2012.

A UGC Sponsored National Seminar was convened by the Department of Commerce, Jesus and Mary College. The theme as 'Business for Sustainable Development' on 16-17 February 2012.

A UGC sponsored National Seminar on Ethics/Life Interface: Theory and Application in Public Domain was organized by the Department of B.A. Programme and Philosophy, Jesus & Mary College, 14-15 February 2012.

Seminars/Conferences attended

Dr. Mani Arul Nandhi: Presentations Access to Financial Services, Financial Inclusion and Urban Poor – Evidence from India, The International Cooperative Alliance Research Committee's Global Research Conference, Mikkeli, Finland, 24-27 August 2011.

'Impact of EKO's SimpliBank on the Savings Practices and Arrangements of Low Income Users in Delhi', 3rd Annual Conference of Funded Researchers, Institute for Money, Technology and Financial Inclusion, University of California, Irvine, 6-8 December 2011.

Dr. Reena Marwaha: Presented the findings of the study at a Seminar in Dhaka, 31 July 2011.

Presented a paper at the UN Women South Asia Regional Conference in Thimpu, Bhutan, 2-3 March 2012.

Dr. Jaiseelan: Presented a research paper titled: State, Civil Society and Right to Education: Challenges. International Conference organised by Comparative Education society of India at Hyderabad University, A.P., 16-18 November 2011.

Ms. Sumedha Dutta: Participated and helped as a volunteer in an International Conference on 'Studying Social Sciences in the Era of Globalization', organized by the Global Studies Programme, Centre for the Study of Social Systems, JNU, in collaboration with the University of Freiberg, University of Cape Town and FLASCO in the Convention Centre, JNU, 30 March 2012.

Dr. Ameeta Motwani: Paper presented Opportunities and Pitfalls of Expansion of Higher and Technical Education for bringing Inclusive Growth in India: Lessons from the experience of Andhra Pradesh' at the 94th Annual Conference of Indian Economic Association, Bharti Vidyapeeth Deemed University, Pune, 27-29 December 2011.

Dr. Jeebanlata Salam: Presented a research paper titled: Social Exclusion and Educational Deprivation among the marginalised children: Experiences from the Field. National Seminar organised by Programme for Discrimination and Exclusion, JNU, New Delhi, 5 Dec. 2011.

Presented research paper titled: Right to Education in armed and conflict emergencies, at National Seminar organised by Education Network, CSSS, JNU, 13 January 2012.

Attended All India Sociological Conference organised by JNU, New Delhi, 10-13 December 2011.

Attended National Seminar on Ethics: Theory and Application in public domains organised by the Deptt. of Philosophy, Jesus and Mary College, 14-15 February 2012.

Ms. Sumedha Dutta: Presented a paper entitled, 'Frenzied Urban Living and Quality Time with Family', in the 37th All India Sociological Conference, of the Indian Sociological Society, held at the Centre for the Study of Social Systems, Jawaharlal Nehru University, New Delhi, 11-13 December 2011.

Dr. Taisha Abraham: 'Globalization and Third Way Theories: The Beleaguered Family and Marginalization of Women'. National Seminar on Ethics/Life Interface, Dept. of B.A. Prog. at JMC on 15 February 2012.

Publications

Books

Marwaha, R. 2012. Co-editor of book, *Emerging China: Prospects for Partnership in Asia*; New Delhi: Routledge.

Motwani, A. 2011. 'Gender Inequality in South Asia: Issues, Indicators and Policy Responses' with Dr. Reena Marwah, in Ajeet Cour and Noor Zaheer (eds.) *The Eight Neighbours Together We Survive* (India, FOSWAL).

'Gender Related Indicators of Development' (co-author) in the study material for the post-graduate programme in Gender and Development Studies (IGNOU) course MGS 001, Block 2.

Nandi, M.A. 2011. 'The Urban Poor and their Money: A Study of Cycle Rickshaw Pullers in Delhi' -A shortened version of the study submitted to The Institute for Money, Technology and Financial Inclusion, University of California, Irvine.

Bhatia, N. and Sethi, J. 2011. Co-authored the book titled '*Corporate & Compensation Laws*' PHI Learning Pvt. Ltd.

Abraham, T. 2012. 'Sathin Bhanwari Revisited' *Indian Journal of Gender Studies*, 19, 1: 149-157.

2012. 'Adrienne Kennedy and Carnivalisation of Space in Funnyhouse of a Negro' *Journal of Drama Studies: An International Journal of Research on World Drama*, Vol. 6, No. 1, 33-45.

Ramaswamy, R.S. 2011. *A History of Political Thought: Plato to Marx* (co-author with Prof. Subrata Mukherjee), 2nd edition, New Delhi: PHI.

Ameeta, T. *Hindi Bhasha – Sanrachak and Prayog.*

Panchvati and Vishlaishan.

Salam, J. Book for publication in process by Sage Publication, New Delhi. Title of the book: *State, Civil Society and Right to Education*. The original manuscript is over.

Research Articles

Sharma, A. Article published in '*Bharat Sandhaan*' Vol. IV., November 2011 on eminent Hindi Poet Ajneya's thoughts on language and beyond language – 'Ajneya'. Bhasha se Bhasha teet Chetna ki or'.

Marwaha, R. 2011. Co-authored article, 'Tibet as a factor impacting China Studies in India,' in *Asian Ethnicity*, Vol. 12, Issue 3, Taylor and Francis, U.K.

Co-authored chapter titled, 'Gender Inequality in South Asia: Issues, indicators and policy responses', published in the edited book, '*The Eight Neighbours: Together we survive*', by Ajeet Cour and Noor Zaheer, October 2011, published by Foundation of SAARC Writers and Literature.

KAMALA NEHRU COLLEGE

Library Development

Total budget : ₹ 1498500/-
Journals/Periodicals subscribed : 85

Honours/Distinctions

Miss Geetesh Nirban: Member editorial advisory board of *Lokâyata: Journal of Positive Philosophy*, ISSN 2249-8389.

Dr. Rita Malhotra: Awarded the World Poetry International Festival Award by World Poetry Canada in May 2011.

Seminars/Conferences attended

Miss Geetesh Nirban: Papers Presented '*The Moral Humanism of Tagore: An Oasis in the Time of Crises*' at 2nd International Congress of Bengal Studies, International Society of Bengal studies and Dhaka University, Bangladesh, 17-20 December 2011.

Mr. Brij Mohan: Participated in the National Workshop on 'Towards Non-Discriminatory Inclusive Growth: Insights From IIDS Research' organized by Indian Institute of Dalit Studies at India Habitat Centre, New Delhi, 30-31 January 2012.

Ms. Carmel Christy: Delivered a talk titled 'The Sites of Sexuality and Public Space: Looking through Media and Legal Discourse' at the Central European University, Budapest per the invitation of the Global South Research Group on 29 November 2011.

Presented a research paper, 'Reading Language Debates of the 1990s: Sexuality and Configuration of the Public Space', at the national level UGC Conference titled 'Researchers at Work' at the Centre for Comparative Literature, University of Hyderabad, 20-23 September 2011.

Mr. Ramesh Aroli: Paper presented *Understanding the Kannada Literature and Culture: tracing the evolution through the ages* developed e-content and presented at Dayalbagh Education Institution, Agra, 2011.

Ms. Sanam Khanna: Co-presented a paper entitled 'Self Assessment: Experiments and Experience' along with Dr. Mukti Sanyal, at the second annual and first International Conference, organized by ELTAI-Delhi Chapter, and RELO, American Center, New Delhi on 'Reflective Teaching Practices in ESL Classrooms', The Conference was held at the American Center, New Delhi, 7-9 October 2011.

Publications

Nirban, G. 'The Moral Humanism of Tagore: An Oasis At The Time Of Crises', *Akademios: An Annual Miscellany of Liberal Arts and Scholarship*, Vol. VI, ISSN 2231-0584.

Mohan, B. 2011. 'Dalit Identity and Representation: A Socio-Political Analysis of Poona Pact, 1932' in *Akademios- An Annual Miscellany of Liberal Arts Scholarship*, Kamala Nehru College, New Delhi.

Gupta, S. *Management of working capital – Strategic Choices.*

Articles included in the book *CG-Cases & Country Experience* Ed. By V.V. Ramani.

Article in *Akademios*'A Reality Check of CG in Indian Firms'.

Malhotra, R. Book of short verse (minimalists) was published by Daastaan in April 2011 as a bi-lingual English-French collection.

Poetry has been included in the *World Poetry Almanac 2011* published in Mongolia, Point Barre published in Mauritius, *Nursery Rhymes* published by NBT in the June 2011.

KALINDI COLLEGE

Major Activities

Kalindi College has successfully maintained its place as one of the finest colleges within the University of Delhi. The Hon'ble Vice Chancellor Prof. Dinesh Singh visited the college twice in this academic session. He graced the occasion of the function held on 14.09.2011 under Gandhi Study Circle. Newsletter 'SENTENTIAS' of Journalism department was launched by him. On 23.01.2012, he inaugurated the new Cyber Centre of the college.

Third Alumni meet was held on 04.02.12. During University 54th Annual flower show, college won IInd and IIIrd prize. Mr. Om Prakash, gardner got the 'Best Mali of Year' award. Eco Club along with District Disaster management authority (West) and National Disaster Management Authority organized an earthquake preparedness exercise. Woman Development Centre organized a Gender Sensitisation Workshop, Film Screening-'Born into Brothels' and a Talk and Film Screening- 'Izzatnagri ke Asabhya Betiyaan'. Award for the teacher from Directorate of Higher Education is awarded to Ms. Sunita of Political Science Department. A grant of Rs. 50,000 has been released to Ms. Sunita of Political Science Department by Indian Council of Historical Research, New Delhi for conducting a Seminar on the 'Relevance of Vivekanand in the 21st century'.

Library Development

Total Budget	:	₹ 7,40,000/-
Books added	:	1007
Journal subscribed	:	76

New Addition

Mr. Sumit Mehta: Appointed Assistant Professor.

Appointments of faculty Members to higher Posts/Assignments

Dr. Anula Maurya: Nominated as an Expert in Sanskrit discipline for 'Post Doctoral Research Award' to provide opportunities to permanent teachers of University/Institutions/ Colleges to persue research by 'Selection and Awards Bureau, UGC'; Members of Delhi Sanskrit Academy, National Capital Territory, Delhi Government; Member of the Board for judging the suitability of the candidates for the appointment to the posts of Executive/ Legislative/Committee/Protocol Officer and Research/ Reference Officer in Lok Sabha Secretariat, nominated by Hon'ble Speaker Lok Sabha.

Members of Vidhyaparishad of Uttarakhand Sanskrit University, Haridwar; Evaluation Committee by UGC, for evaluating the performance of Srimad Andavan Arts & Science College, Tiruchrapalli; Academic Advisory Committee of UGC-Academic Staff College, University of Allahabad; UGC Nominee of Board of Management of Rashtriya Sanskrit Vidyapeeth, Tirupati; Karya Parishad of Shri Lal Bahadur Rashtriya Vidyapeetha; Planning and Monitoring Board Rashtriya Sanskrit Sansthan; Expert Committee Constituted by the UGC to evaluate the performance and academic attainments for the Conferment of fresh Autonomous Status to 'Pope John Paul II, College of Education, Poducherry.

Anita Tagore: Nominated as a member of Moderation Committee for Political Science, Jamia Millia Islamia.

Pukhraj Jangid: सदस्य, संपादकीय मंडल – राष्ट्रीय हिंदी मासिक पत्रिका 'संवेद' व 'सबलोग' दिल्ली।

सदस्य, साझा, हिंदी-उर्दू साहित्यिक विडियो पत्रिका, (कार्मेदु शिशिर शोधागार) (ट्यूबिंगन विश्वविद्यालय, जर्मनी।

सदस्य, छात्र-शिक्षक समिति, भारतीय भाषा केन्द्र, जवाहरलाल नेहरू विश्वविद्यालय, नई दिल्ली।

Honours/Distinctions

Ms. Sunita: Award for the teacher from Directorate of Higher Education.

Dr. Rashmi Menon: Awarded Ph.D. Degree in Physics by University of Delhi.

Seminars/Conferences attended

Dr. Anula Maurya: Presented a paper titled 'Bharateter Bhashai Aur Sanskrit', International Sanskrit Research Conference at Uttrakhand Sanskrit Vishwavidhyalya, Haridwar, 9-11 September 2011.

International Seminar on 'The Cross Cultural Migration of Panchtantra and its relevance in contemporary world conducted by Department of Sanskrit, University of Delhi, South Campus, 15-16 December 2011. Presented a paper titled शिक्षा शास्त्र के शिक्षण विधियों में पंचतंत्र कली कथा-विधि की उपादेयता।

UGC Sponsored International interdisciplinary Conference on 'Metamorphosis of the women status in the modern era' at Ramkrishna Mahavidyalaya, Darapur, Amravati University, Maharashtra, 25-26 November 2011. Presented a paper titled लोकतंत्र में नारियों की भूमिका।

Presented a paper titled मृच्छकटिक: अपेक्षित वर्ग का प्रतिनिधि नाटक। National Seminar on 'Writings from the Margins' at Gautam Buddha University, Noida, 23-24 March, 2012.

Ms. Rajni and Dr. Anita Verma: Attended International Seminar on 'Corporate Governance – a road ahead' at Sri Ram College of Commerce, 27-28 March 2012.

Dr. Anita Verma: Attended National Seminar on 'Mergers and Acquisitions – Issues, Opportunities and Challenges' at Shaheed Bhagat Singh College, 20-21 January 2012.

Dr. Renu Bala: Attended a National Seminar on 'Recent Trends in Chemistry' held at Sri-Venkateswara College, 20-22 March 2012.

Dr. Parul Singh: Oral presentation entitled ' A vibrational spectroscopic approach to evaluate the stability of an antiretroviral drug under ICH defined stress conditions' in an International Conference PITTCON-2012 at Orlando, Florida, USA, 11-15 March 2012.

Dr Rashmi Chaudhary, Mr. Sunil Kumar and Ms Shilpi Saini: Attended National Seminar on 'Empowering Growth through Corporate Governance and Economic Stability Measures' by Sri Guru Gobind Singh College of Commerce, 23-24 February 2012.

Dr. Anita Gupta: Attended International poetry recitation **मीडीया, नए आयाम** organized by Indian Council of Japanese Culture on 'OYUKIMI (Snow view) on the occasion of 60th anniversary of Diplomatic relation of Japan & India.

Ms. Harshita: Presented a research paper in a National Conference at Babu Shobha Ram College, Alwar, Rajasthan, 11 November-12 December 2011.

Dr. Baljit Kaur: 23 फरवरी, 2012—भारत व जापान के राजनयिक संबंधों की 60वीं वर्षगांठ के अवसर पर कविता—पाठ में सम्मिलित हुए। विषय— ओयोकिम्स (स्नो—व्यू) स्थान— इंडियन—कांसिल ऑफ जैपनीस कल्चर आई.सी.जे.सी.) लोधी रोड, दिल्ली।

12—13 जनवरी, 2012 — 'समकालीन हिन्दी कविता' विषय पर विश्वविद्यालय अनुदान आयोग के सौजन्य से आयोजित दो—दिवसीय राष्ट्रीय संगोष्ठी में हिस्सा लिया। स्थान—सत्यवती कॉलेज (दिल्ली विश्वविद्यालय) अशोक विहार, दिल्ली।

29 अक्टूबर, 2011—'हिंदी की समकालीन युवा कविता' विषय पर परिषद् द्वारा आयोजित एक दिवसीय राष्ट्रीय संगोष्ठी में हिस्सा लिया। स्थान— सत्यवती कॉलेज (दिल्ली विश्वविद्यालय) अशोक विहार, दिल्ली।

Dr. Aravind Kumar .(Poster presentation) 'Effect of thickness on the optical properties of Cd_xZn_{1-x}S vacuum evaporated thin films' at International Conference on green technologies (GTER-2012), Organized by Gurukul Kangri University, Haridwar, 11-13 February 2012.

Oral Presentation Study of Optical and Electrical Properties of CdZnS thin Films, National Workshop on Advancement of Nano Materials and its Applications, Organized by Department of Physics, DAV College, Kanpur, 9-11 February 2012.

Dr. Sangita Dhal: Presented a paper on '*Decentralization and Development: A Gandhian Perspective for Good Governance*' at the International Convention organized by the Gandhi Smriti and Darshan Samiti, New Delhi, 14-15 December 2011.

Dr. Nisha Goyal: Attended International Seminar on 'The Cross Cultural Migration of Panchtantra & Its Relevance In Contemporary World' organized by Deptt. of Sanskrit, University of Delhi South Campus, 15-16 December 2011.

Publications

Jangid, P. कविता का स्त्रीवादी सरोकार, दैनिक भास्कर, नई दिल्ली, संपादक श्रवण गर्ग, नई दिल्ली, 24.09.2011।

आलोचना की समकालीनता और देवीशंकर अवस्थी, 'अर्य संदेश, अक्टूबर, 2011 संपादक — अशोक कुमार 'आलोक', पूर्णिया।

प्रकृति से लोकजीवन का रिश्ता, 'दैनिक भास्कर, नई दिल्ली, संपादक — श्रवण गर्ग, नई दिल्ली, 26.11.2011।

बोल : पाकिस्तानी समाज का नया चेहरा, 'सबलोग, ISSN-2277-5897, दिसम्बर 2011 संपादक – किशन कालजयी, दिल्ली।

रॉकस्टार: कतरा-कतरा जिंदगी जीते नादान परिंदों की कहानी, 'पीपुल वोइस, फरवरी, 2012 संपादक-स्वतंत्र मिश्र, नई दिल्ली।

अनुवाद-

मीडिया, मुद्दे और उत्तरदायित्व, न्यायमूर्ति मार्कण्डेय काटजू के व्याख्यान का अनुवाद, (सबलोग) ISSN-2277-5897, दिसम्बर, 2011 संपादक-किशन कालजयी, दिल्ली।

पारंपरिक मूल्यों के साथ राजनीतिक भागीदारी, संजय कुमार के आलेख का अनुवाद (सबलोग) ISSN-2277-5897, जनवरी, 2012 संपादक- किशन कालजयी, दिल्ली।

Kumar, R. 'Optical thin film filters of colloidal gold and silica nanoparticles prepared by a layer-by-layer self-assembly method', Zaheer Abbas Khan, Rachana Kumar, Waleed S. Mohammed, Gabor L. Horrnak and Joydeep Dutta, *Journal of Material Science*, Vol 46, No. 21, 6877-6882.

'Multilayer Thin films of Colloidal Gold and Silica Nanoparticles: Effect of Polyelectrolyte Coating', Zaheer Abbas Khan, Rachana Kumar, Waleed S. Mohammed, Gabor L. Horrnak and Joydeep Dutta, *The Canadian Journal of Chemical Engineering* (Online available).

Bindal, P. 'Modelling of Photonic crystal waveguides: A simple and accurate approach', *Optical and Quantum Electronics*, 435-446, Vol. 42, 2011

Menon, R. 'Origin of stress in rf magnetron sputtered zinc oxide thin films', Rashmi Menon, V. Gupta, H.H. Tan, K. Sreenivas, and C. Jagadish, *J. Appl. Phys.* 109, 064905 (2011).

Tyagi, R. Research Paper Published In Edited Book 'Dual Citizenship and Indian Diaspora', in S.K. Jain (ed.), *Indian Diaspora in the Era of Globalization*, New Delhi: Gyan Books, 2012, pp. 57-87.

Goyal, N. Edited 'Raghuvamsham of Kalidasa' – 1st & 2nd canto.

KIRORI MAL COLLEGE

Major Activities

It is a matter of immense pride that NASA has yet again invited Kirori Mal College team to USA, this time to its Lunabotics project to be held in Kennedy Space Centre, Florida in May 2012.

Over the last few years, our students have traversed diverse frontiers and come out trumps in their endeavours. Under the perfect guidance of our faculty advisor, Dr. Sumitra Mohanty, our college teams have been invited to prestigious events organized by NASA and have

won laurels for the college. In the last few years, our team participated in NASA Moonbuggy events, along with several engineering colleges from across the globe, including some from India. Our team came out shining and won several awards and a lot of acclaim in the NASA circles.

The team was formed under the mentorship of Dr. Sumitra Mohanty and consists of six students from B.Sc. Physics Hons.

Library Development

Total Budget	:	₹ 22,10,000/-
Books Added	:	2867
Journal Subscribed	:	20

Appointment of faculty members to higher Posts/Assignment

Ms. Madhur Ajmani Sethi: Selected at UK for the academic session 2011-12 for doing Master Course in Economics and Econometrics from the University of Nottingham, UK.

Dr. Seema Joshi: Selected as Visiting Professor to the ICCR's Short Term Chair at University of Social Sciences and Humanities, Ho Chi Minh City, Vietnam on deputation basis.

Selected as Indian Council for Cultural Relation's (ICCR's) Tagore Chair Professor (First – ever to Vietnam), the Department of India Studies –Faculty of Oriental Studies, University of Social Sciences and Humanities in Ho Chi Minh City, Vietnam 2011-2012.

Regional Editor, World Journal of Entrepreneurship, Management and Sustainable Development (ISSN 2042-5961),UK.

Seminars/Conference held

Kirori Mal College coordinated UK- India Education and Research Initiative (UKIERI - 2011) from September 6th to 8th September, 2011 on behalf of the University of Delhi in the college premises with Dr Seema Mehra Parihar , an Associate Professor as its coordinator.

Seminars/Confernces attended

Dr. Anita Kamra Verma: Invited to chair the session in 2nd World Congress on Biomarkers-2011- Biomarkers and Drug Development, Baltimore, USA, 12-14 Sept. 2011.

Invited speaker at the Multi Mega Event of 24th Annual National Conference of Indian Society of Atherosclerosis Research and International CME on Atherosclerosis, ISARCON 2011, JIPMER, Puducherry, 24-25 September 2011.

Invited speaker at the Center for Regenerative Medicine, University of Tubingen, Germany, here she presented her work on Nanomedicines: *Smart Liposomal & Biopolymeric Nanoparticles/ Nanoconjugates for Drug Delivery*, on 21st June 2011, Germany.

Dr. Reena Saxena: Presented one oral and one poster paper presentations in 'International Conference on Flow injection analysis', financially supported by ICFIA 2011, Krakow, Poland, 3-8 July 2011.

Poster paper presentation in 'International symposium on Recent Advances in Green Chemistry and Chromatographic sciences' at Manav Rachna International University, Faridabad supported by ISAS, 12-14 January 2012.

Dr. Rakesh Kumar Parashar: Delivered invited lecture in the IUPAC sponsored Conference '2nd International Conference on Agrochemicals Protecting Crops, Health and Natural Environment - The Role of Chemistry for Sustainable Agriculture' in IARI, New Delhi on 16 February and Co-chaired one session in the same Conference on 17 Feb. 2012.

Delivered a lecture in the 2nd International Conference on Organic Chemistry: Advances in Heterocyclic Chemistry in Tbilisi, Georgia on 26 September.

Dr. Dinesh Khattar: Invited talk on 'Effect of Gravity on the Motion of an Expanding and Translating Nearly Spherical Gas Bubble in an Inviscid Fluid in the International Conference on fluid Dynamics held in Barcelona, Spain, 18-21 July 2011.

Dr. Pushpender Kumar: Chaired the 3rd Technical Session on Corporate Governance in International Conference on Resurging India- Myths & Realities Organised by College of Management and Computer Applications, Moradabad, 17-18 March 2012.

Chief of the Jury in International Seminar on Consumer Protection and Behaviour in present privatized era at S.S. (PG) College, Shahjahanpur, 25-26 February 2012.

Dr. Seema Joshi: Presentation of a research paper titled '*Application of Science and Technology for agricultural Revival in India*' in Ninth International Conference of World Association for Sustainable Development, University of Sussex, UK to be organized by Richard Stockton College (NJ) in Atlantic City, New Jersey, USA, 26-28 October 2011.

Presented a paper titled 'Indo-Vietnam Growing Strategic and Economic Partnerships : Need for Sustenance' in an International Conference on *Promoting India-Vietnam Relation in the New Context* organized by Vietnam Institute of Indian and South West Asian Studies at Hanoi, 7 January 2012.

Invited to Chair a Session on 'ICT and Knowledge Management' in Ninth International Conference of World Association for Sustainable Development, WASD, University of Sussex, UK, organized by Richard Stockton College (NJ) in Atlantic City, New Jersey, USA, 26-28 October 2011.

Invited to Chair a session in an International Conference on *Promoting India-Vietnam Relation in the New Context* organized by Vietnam Institute of Indian and South West Asian Studies at Hanoi. on 7 January 2012.

Publications

Jha, A.K. 2011. 'Effect of finite chemical potential on QGP-Hadron phase transition in a statistical model of fireball formation' published in *Indian J. Phys.* Vol. 85, No. 6, 885-889, 757 also published by Springer.

2011. 'CPT Violating Oscillation Under Planck Scale Effects' published in *Int. J. Theor. Phys.* 50; 2609-2613.

Pragya, Research paper on noted Marathi playwright Vijay Tendulkar highlighting his contribution to Indian theatre. The research paper titled 'Satta ki vidroopta ke viruddh : Vijay Tendulkar ke Natak', was published in literary magazine 'Aadhaarshila june 2011. Later it was reproduced in famous Hindi Blog 'JANKIPUL.blogspot.com'.

Khattar, D. Research paper on 'Two dimensional motion of a spherical gas bubble in a viscous liquid under gravity' has been for publication in the prestigious Journal of Energy and Power Engineering, ISSN 1934-8975, USA. He has also written a book on Quantitative Aptitude for Pearson Education, Singapore.

Gupta, R. and Shukla, K. 2012. 'Plant anatomy in relation to Taxonomy. In (Taxonomy Past Present and Future) Ed. Rajni Gupta, TERI Publication pp. 211-230.

Gupta, R. 2012. A new tool for Plant Identification'. In 'Taxonomy Past, Present and Future'. Ed. Gupta, R., TERI Publication, pp. 115-128.

2011. Microbes & Biofuel In (Biodiversity, Biotechnology and man Interdependence and future challenges) Ed. Katiya, S.K. and Kumar, R., pp. 262-275.

Joshi, S. 2011. 'Is 'IT Services Hub' of the world becoming an 'e-Junkyard'?', , Maastricht School of Management ,Working Paper No 2011/26.

2012. '*Sustainable Development of Higher Education for catalyzing Services-Driven Economic Growth in India*', Maastricht School of Management, Working Paper No 2012/01. Available on [http://research.msm.nl/Document-library/Working-papers/MSM-WP2012-01-\(1\).aspx](http://research.msm.nl/Document-library/Working-papers/MSM-WP2012-01-(1).aspx).

2011. 'Application of Science and Technology for Agricultural Revival in India', in Allam Ahmed et al (eds.), *World Sustainable Development Outlook,2011*, World Association for Sustainable Development Publishers,U.K..

2011. 'Can IT and ITES be an Engine of Growth for India? : An Empirical Analysis', *World Journal of Science , Technology and Sustainable Development*, Vol. 8, No.1(UK).

2011. 'Two Competing Asian Giants: Some Facts', *China Report* , Vol 47 (3), Aug., Sage Journal.

2012. 'Vietnam: Why is the Economy not taking off?' Available on <http://www.ipcs.org/article/southeast-asia/vietnam-why-is-the-economy-not-taking-off-3538.html>.

2012. 'Indo-Vietnam Growing Strategic and Economic Partnerships : Need for Sustenance' in Conference proceedings of International Conference on *Promoting India-Vietnam Relation in the New Context* organized by Vietnam Institute of Indian and South West Asian Studies at Hanoi on 7 January 2012.

KESHAV MAHAVIDYALAYA

Library Development

Total budget	:	₹ 10,58,000/-
Books added	:	1,827
Journals subscribed	:	34 (Magazines)

Seminars/Conferences attended

Dr. Priti Sehgal and Ms. Roli Bansal: Second International Conference on 'Computer, Communication, Control and Information Technology' at Kolkata, February 2012.

International Conference on 'Advances in Computing and Communications (ACC 2011) CCIS' at Cochin, 23-25 July 2011.

Dr. Anupama: International Conference on 'Nanostructured Ceramics and other Nanomaterials (ICWNCN-2012)', at Department of Physics and Astrophysics, University of Delhi, 13-16 March 2012.

Dr. Anju Arora: International Conference on 'Business and Finance (ICBF 2012)' organized by IBS®, Hyderabad, 6-7 January 2012.

International Conference on 'Banking and Finance 2011' held at Venice, Italy, 28-30 November 2011.

Dr. Padmasai Arora: National Conference on 'India Finance Conference' at IIM Bangalore, 21-23 December 2011.

Dr. Jagneet Kaur Anand and Ms. Jyoti Anand: National Conference on 'Frontiers in Optics and Photonics 2011 (FOP11)' held at IIT Delhi, 3-5 December 2011.

Ms. Anjali Thukral: International Conference on 'Advances in Computing and Communications' held Kochi, India: Springer-Verlag Berlin Heidelberg, CCIS 191, 23-25 July 2011.

Ms. Bhavna Gupta: International Conference on Computer, Communication, Control and Information Technology (C3IT) held in Calcutta, India, 25-26 February 2012.

Ms. Richa Sharma: 6th International Conference on Computer Science & Education at Singapore.

International Conference on 'Soft Computing for Problem Solving, SoCProS 2011' at IIT – Roorkee, 20-22 December 2011.

Mr. Jasmeet Singh: 3rd International Conference on 'Current Developments in Atomic, Molecular, Optical and Nano-Physics with applications, CDAMOP-2011' at Department of Physics and Astrophysics, University of Delhi, 14-16 December 2011.

International Conference on 'Photonic, Electronic and Atomic Collisions', held at Queen's University Belfast, United Kingdom, 27 July -2 August, 2011.

Dr. Hemant Kumar Singh: International Workshop on 'Wavelets, Frames and Applications' at Kirori Mal College, University of Delhi, 15 -21 December 2011.

Dr. Dhanpal Singh: National Conference on Recent Trends in Materials and Devices held in Amity University, Noida, 19-20 May 2011.

Mr. Ashish Bansal: National Workshop and Training Program on 'Differential Equations and Mathematical Modelling (DEMM)' organized by LSR College, University of Delhi, February 2012.

Ms. Daisy Sharma: International Conference on 'Youth and Positivism', held in Amity University, Haryana on 24 March 2012.

International Conference on 'Exploration of Intimate Relationships and Couples Therapy, held in New Delhi on 6-7 January 2012.

International Conference on 'Psychology in Contemporary Context: A Positivistic Approach', organized by Work Psychology and Human Resource Forum (WPHRF) and India Career Development Organization, 21-22 May 2011.

Dr. Harpreet Bhatia: National Conference on 'Vicissitudes of Violence: An Interdisciplinary Conference on Conflict and Peace', held at IP College, University of Delhi, 16-17 January 2012.

International Conference 'Psychology in Contemporary Context: A Positivistic' Approach, on 22 May 2011.

Dr. Surender Singh: International Seminar on 'Physical Education Recreation & Yogic Sciences', Banaras Hindus University, Varanasi, 19-21 January 2012.

International Conference on 'Physical Activities & Sports for Global Peace and Development', University of Delhi, 19-21 October 2011.

National Seminar on 'Role of Physical Education & Sports In Nation Building', held at Department of Physical Education, University of Delhi, 2011-12.

Publications

Kumar, S., Kumar, M. and Morandiere, L., 2011. Merger Announcement and Stock Returns: Evidence from Indian Banking. *Bank and Bank System*. 4: Vol. 6, issue 4, pp. 23-32

Bansal, R., Sehgal, P. and Bedi, P. 2012. Securing fingerprint images using PSO based wavelet domain watermarking. *Information Security Journal, A Global Perspective*, Taylor and Francis, for publication. Vol. 21, Issue 2.

2011. Minutiae Extraction from Fingerprint Images- a Review. *International Journal of Computer Science Issues*, 8: 74-85.

Sharma, V.K., Kumar, A. and Kapoor, A. 2012. Analysis of surface and guided wave Plasmon polariton modes in insulator-metal-insulator planar plasmonic waveguides. *Opt. Communications*. 285: 1123-1127.

2011. High Extinction ratio metal-insulator-semiconductor waveguide surface Plasmon polariton polarizer. *Opt. Communications* 284: 1815-1821.

Sachdeva, A. and Tandon, R.P. 2011. Effect of sol composition on dielectric and ferroelectric properties of PZT composite films', *Ceramic International* 38 (2012) 1331-1339.

Arora, A. 2011. Benchmarking Credit Risk Management Operations and Systems At Transaction Level: An Illustration Of Indian Commercial Banks. *Journal of Social and Management Sciences*, Prajnann, National Institute of Bank Management, Pune XL: 99-122.

Anand, J., Anand, J.K. and Sharma, E.K. 2012. Study of amplification characteristics of coaxial EDF with varying coupling conditions. *Optics and Laser Technology*. 44: 688-695.

Thukral, A., Bedi, P. and Banati, H. 2011. Architecture to Organize Social Semantic Relevant Web Resources in a Knowledgebase. *International Journal of e-Education, e-Business, e-Management and e-Learning*, IACSIT 1: 45-51.

2011. Ranking Tagged Resources using Social Semantic Relevance. *International Journal of Information Retrieval Research*, IGI Global 1: 15-34.

Gupta, B., Kaur, H. and Bedi, P. 2012. A Balanced Reputation based Service provider Selection for Farmers. *Journal of Indian Society of Agricultural Statistics (JISAS)*.

2011. Predicting Grid User Trustworthiness using Neural Networks in proceedings of the International Conference of 'World Congress on Information and Communication Technologies (WICT)' Bombay, 11-14 December.

2011. Trust based Access Control for Grid Resources, in proceedings of the International Conference on 'Communication Systems and Network Technologies', Jammu, 3-5 June.

Sharma, R., Banati, H. and Bedi, P. 2012. Building Socially-aware e-Learning Systems through Knowledge Management. *International Journal of Knowledge Management (IJKM)*, IGI Global Publications, Vol 8, Issue 3.

2011. Analyzing User Interaction to Design an Intelligent e-Learning Environment. *International Journal on E Learning* 10: 441-460.

2011. Adaptive Content Sequencing for e-Learning Courses using Ant Colony Optimization in proceedings of the International Conference on 'Soft Computing for Problem Solving (SoCPro 2011), Advances in Intelligent And Soft Computing' 131, pp. 537-548, Springer: Verlag-Heidelberg.

Arora, R. and Arora, S.R. 2012. An Algorithm for solving an Integer Linear Fractional/ Quadratic Bilevel Programming Problem, *Advanced Modeling and Optimization*: 14: 57-78.

Singh, J. and Baluja, K.L. 2011. Electron-impact study of the S₂ molecule using the R-matrix method. *Physics Review A* 84: 042711.

2011. Electron scattering with open-shell molecules: R-matrix method. *Indian Journal of Physics*. 85: 1695-1704.

Singh, H.K. 2012. The cohomology of orbit spaces of certain free circle group actions in Proceedings of 'Indian Academy of Sciences-Mathematical Sciences' New Delhi.

Kumar, P. and Sachdeva, A. 2011. *Fundamentals of Management* (1st edn), New Delhi : S. Chand & Co.

LADY SHRI RAM COLLEGE FOR WOMEN

Major Activities

At the Delhi University Equal Opportunities Cell Athletic meet, the LSR team of visually challenged students – Archana, Hemlata, Reena, Rinku, Sadhna and Shubhra won the overall Champion Team Trophy. Rinku and Reena won the Best Athlete Trophy in categories B1 and B2 respectively.

Syeda Asia who was part of the LSR MUN team to the Harvard MUN at Boston, was selected for a scholarship by the US department of state to do her post-graduation at the Harvard Business School on the basis of her MUN performance.

Divya Phadnis was awarded the prestigious won the Dr. Shankar Dayal Sharma gold medal for being the best All Round Student in Delhi University. LSR had the largest number of gold medals among women in the Delhi University Convocation 2012.

Prashanthi Subramaniam and Sarah Zia represented LSR at the Women's Education Worldwide Student Conference at Pavia, Italy.

Anandi Bandyopadhyay and Diva Gujral represented LSR at the Second University Scholars Leadership Symposium held at Pattaya.

Apoorva Gupta and Ria Sen were chosen to represent LSR in the Asia Now Global Summer Programme- South East Asian Cosmopolitan Urbanism at the National University of Singapore.

Library Development

Total budget	:	₹ 14,49,000/-
Books added	:	1946
Journals subscribed	:	122

Seminars/Conferences held

Differential Equations and Mathematical Modeling: National Workshop and Training Program conducted by the Mathematics Department for teachers of different universities of India teaching at undergraduate level. Funded by the UGC, NBHM and CSIR, 9-12 Feb. 2012.

Pedagogic Trajectories: National Seminar on Teacher Education conducted by the Department of Elementary Education. Funded by the UGC, 23-24 September 2011.

Seminars/Conferences attended

Dr. Meenakshi Gopinath: Delivered the Plenary Address 'About Time: Women at Every Peace Table, Global Peace Building Strategy No. 2,' at the World Peace Festival 2011, Berlin, 25-29 August 2011.

Dr. Madhu Grover: Invited to an International Interdisciplinary Conference 'Love, Sex, Desire and the (Post) colonial' in October 2011, at Senate House, Institute of English Studies, University of London. She presented a paper entitled 'An 'Alter-Native' Desire: Native Identities and Liminal Spaces in Kipling's Narratives.'

Dr. Kalyani: Presented papers titled 'A Framework for Curriculum Sequencing' and 'Reflections on Portfolio as Assessment Tool in Teacher Education' at the 18th International Conference on Learning at Mauritius.

Presented a paper 'Assessment of Life Skills -Issues and Challenges' at the UGC Sponsored National Conference on 'Sustainable Development - A Collective Vision' organized by Institute of Home Economics, University of Delhi.

Dr. Jonaki B. Ghosh: Attended the Casio Worldwide Conference on Mathematics Education as a part of the Indian delegation at Singapore, 16-18 February 2012.

Dr. Sushila Madan: Presented a paper on 'Securing Web Application in Internet Banking' at the International Journal of Arts and Sciences Conference organized by the Central Connecticut State University, July 2011.

Dr. Vartika Nanda: Collection of poems 'Marjani' was released at Aston University, Birmingham by the Consulate General of India, Birmingham, UK in June, 2011 and she was also a speaker at the event organized by the High Commission of India, London.

Delivered lectures at an International Seminar organized by Dayal bagh Educational Institute, Agra in February 2012.

Bindu Menon: Presented a paper '.Blind Quam and The Visual: Islamic Home Film Movement in North Kerala the Religious Public,' presented at International Association of Media and Communication Research, Istanbul, Turkey, 13-17 July 2011.

Presented a paper 'Chronicles of a Disappearance: Spectres of Technology and Cinema in Early Twentieth Century Kerala,' at the Association of South Asian Anthropologists Conference, JNU, New Delhi.

Dr. Veena Ravikumar: Presented a paper on 'Perception Management of the Indian Army in Kashmir' at an International Seminar at Centre for Land and Warfare Studies, 21 February 2012 .

Dr. Manjula Bhandari: Attended an International Seminar on the 'Panchatantra' organized by the South Campus, University of Delhi in December 2011.

Dr. Kanchan Verma: Presented a paper title 'Tagore's Plays in Hindi: Translation and Performances', an International Conference 'Revisiting Tagore' at JNU, New Delhi jointly organized by the Centre of English Studies and School of Arts and Aesthetics', 15-17 March 2012.

Deepika Papneja: Organizing the 1st International Conference 'Playing Young', Theatre for Young Audience- Possibilities and Challenges' at India International Centre, New Delhi, 4-6 August 2011.

Subi Chaturvedi: Invited to be Chair and Moderator for a Film Festival and Seminar for IAWRT's 8th International Women's Film Festival and Seminar and was also key discussant for the films screened.

Maitrayee Roychoudhary: Presented a paper, 'The Petticoated Eye: Conflicts of Gender, Class and Genre in the Figure of the Victorian Lady Detective,' at an International Conference 'Body of Evidence: The Crime Fiction Conference,' at St. Stephen's College, Delhi University, February 2012.

Presented a paper on 'Women Who Stand Alone: Kate Chopin's *The Awakening*' at a National Seminar on 'Gender and Writing' at Ramjas College, Delhi University, Feb. 2012.

Dr. Shernaz Cama Zoroastrian: Made a presentation entitled 'Asha; The Law of Harmony.' at the National Seminar, Awakening India' for the 150th Birth anniversary celebrations of Swami Vivekanda Interfaith Meet where Dr Abdul Kalam was chief guest.

Dr. Anita Bagai: Presented a paper at the UGC sponsored National Seminar on 'Revisiting Public Administration: Perspectives and Challenges' organized by Dyal Singh College, University of Delhi in April 2011.

Dr. Smita Sahgal: Presented a paper titled, 'Gendered Enquiring into Niyoga: Appraising the institution from the perspective of Female Actors' in Indian History Congress, Patiala, 2011.

Dr. Jonaki B. Ghosh: Participated in the National Conference on Mathematics Education held at the Homi Bhabha Centre for Science Education, Mumbai in January 2012.

Ms. Smriti Sharma: Presented a paper titled 'Nurturing Identity: Examples from Writing EVS textbooks' at the National Conference on 'Sustainable Development - A Collective Vision' organized by the IHE, University of Delhi, 31 October-1 November 2011.

Presented a paper on 'Teacher Education – The Neglected Agenda' at the National Seminar 'Pedagogic Trajectories' organized by LSR in September 2011.

Vandana S. Bhan: Presented a paper titled 'Kalidasa Dwara Nirupit Sashakt Nari: Pativarana ke Pariprekshya Mein' at a National Seminar on 'Women's Empowerment and Sanskrit Literature' organized by the Hindu College, University of Delhi.

Navneet Sharma: Delivered a talk on 'Education: The promise for a girl child' at a Conference organized by Meena Manch, UNICEF at Jaipur, Rajasthan.

Dr. Sushila Madan: Chaired a National Conference on 'Emerging Trends in Information Technology' (NCETIT' 2012), at IITM, Delhi, March 2012.

Meenakshi Pahuja: Presented a paper on 'Mechanics of Resistance and Propulsion in Swimming'.

National Seminar in April, 2011, on 'Sports Biomechanics and Exercise Sciences' at St. Stephen's College, University of Delhi, jointly organized by the Indian Society of Biomechanics, St. Stephen's College and Miranda House College.

Presented a paper on 'Physical Education in the Making of a Teacher' at a UGC sponsored National Seminar organized by the Elementary Education Department, LSR and the paper has been printed in the monograph of the same.

Dr. Arvind Kumar: Presented a paper titled 'E-commerce in India-Challenges and Opportunities' at a National Seminar, at Birla College, Kalyan in February, 2012.

Dr. Sarika Kalra: Attended national Seminar on 'Stree Sahitya Ka Soundrya Shastra' at PGDAV College, February 2012.

Dr. Darshana Dhawal: Attended a National Seminar conducted by Vaigyanik Avam Takniki Shabdavali Aayog in April 2011 at Vigyan Bhawan and 'Stree Sahitya Ka Soundrya Shastra' at PGDAV College, February 2012.

Publications

Madan, S. 2012. *Computer Fundamentals and Information Systems.* New Delhi, Taxmann Publication.

Ghosh, J. 2011. 'Technology and Mathematics Education: Issues and Challenges'. The First Asian Sourcebook on Mathematics Education.

Shroff, R. and Mehta, K. 2011. *Joyous Flame: The Parsi Zoroastrians.* Delhi: Parzor Publications.

Verma, K. 2012. *Jhansi ki Rani.* Delhi: Prakashan Sansthan.

Nanda, V. 2012. *Thee Hoon Rahungi.* New Delhi: Rajkamal Prakashan.

2011. *Marjani.* New Delhi: Rajkamal Prakashan.

Research Articles

Madan, S. 2011. 'Information Security Threats in ERP Enabled E-Governance: Challenges and Solutions', in *Information Science Reference*. Vol. I, pp. 158-170.

Cama, S. 2011. 'Women: Keepers of the Flame', in *Synergy Z: Journal of the World Zarathusti Chamber of Commerce*, Vol. 10.

Kalyani, A. 2011. 'A Framework for Curriculum Sequencing', in *International Journal of Learning*, Vol. 18, ISSN 1447-9494.

2011. 'Reflections on Portfolios Assessment Tool in Teacher Education', in *International Journal of Learning*, Vol. 18.

2011. Chapter in *Contemporary Education* (ed.) New Delhi: Pearson.

2012. Chapter in *Teaching of Mathematics* (ed.) New Delhi: NCERT.

Ghosh, J. 2011. 'Exploring Fourier Series and Gibbs Phenomenon using Mathematica', in *Australian Senior Mathematics Journal*, Vol. 24, No. 2, pp. 6-21.

Chaturvedi, S. 2012. 'Corporatization of the Media', in *Economic and Political Weekly*, pp. 10-13.

Menon, B. 2011. 'Sketches for a film which never got made: Appan Thampuran's Bhootharayar', in *Bioscope: South Asian Screen Studies Journal*, Vol. 2.No. 2.

2011. 'Many Faces of Eve: Malayalam Middle Cinema and the Category of Woman', in *The Missing Look: Gender and Malayalam Cinema*, edited by Meena Pillai, Hyderabad: Orient Blackswan.

Nanda, V. 2011. 'Janta ke prati Javabdehi ka Saadhan', in *Media as an Instrument of Public Accountability*, Press Council of India.

2012. 'Understanding Media', chapter in *Media Studies* text book published by NCERT for Class XI, New Delhi: NCERT.

2011. 'Foreword' in *From News to Infotainment to Tamasha* by Amit Nagpal, Fuzion Works, New Delhi, pp. xvii- xx.

Bagai, A. 2011. 'Feminist Perspective of Public Administration', in *The Indian Journal of Public Administration*. Vol LVII, No. 2, pp. 143-153.

Ravikumar, V. 2012. 'India ASEAN Relations'. Lead Article in *Diplomatist*. Vol IV, No. 3, pp. 28-29.

2012. 'Perception Management of the Indian Army in Kashmir'. Study done for the Centre for Land and Warfare Studies.

Jain, R. and Kumar, A. 2012. 'Spectral synthesis for the operator space projective tensor product of C^* -algebras'. To appear in *The Bulletin of Malaysian Mathematical Society*.

2012. 'Projective Tensor Product'. To appear in *The Proc. Jammu Mathematical Society*.

2011. 'Ideals of operator space projective tensor product of C*-algebras'. To appear in *The Journal of Australian Mathematical Society*, Vol. 91, pp. 275-288.

Khandelwal, K. 2011. 'Introduction and Overview'. *Course Text for B. A. Psychology*, IGNOU, New Delhi.

2011. 'Industrial and Organizational Psychology'. *Course Text for B.A. Psychology*, IGNOU, New Delhi.

2011. 'Attitude and Behaviour'. *Course Text for B.A. Psychology*, IGNOU, New Delhi.

2011. 'Organizational Psychology'. *Course Text for M.A. Psychology*, IGNOU, New Delhi.

2011. 'Organizational Behaviour'. *Course Text for M.A. Psychology*, IGNOU, New Delhi.

LAKSHMIBAI COLLEGE

Major Activities

To mark the occasion of World Health Day, the Medical Committee organized a Free Health Check-up Camp in the first week of April 2011. The camp was a joint effort of Lakshmibai College and Social Action Foundation in collaboration with Medanta-the Medicity Hospital, PHD Family Welfare Foundation, Friends Associates and Delhi State AIDS Control Society to organize this first-time-ever event. The objective was to meet the health information needs of students and staff.

Library Development

Total budget	:	₹ 4 lakhs
Books added	:	1,037
Journals subscribed	:	54

Honours/Distinctions

Dr. Anita Malhotra: Awarded Usaid's Measure Evaluation fellowship.

Awarded educational scholarship grant by The Howard Foundation and attended 3rd SCOPE Summer School Course organized by IASO at Downing College, Cambridge, UK, 27-31 July 2011.

Lt. Dr. Seema Kaushik: Represented India in the 19th World Masters Athletics Meet held at Sacramento, USA, 5-17 July 2011.

Seminars/Conferences held

WDC, in collaboration with the National Human Rights Commission, organized a National Seminar on *State, Development and Gender: A Human Rights Perspective* on 28-29 February 2012.

The Mathematics Department organized a UGC-CSIR sponsored National Workshop on the Application of Mathematics in Industrial Research in college premises on 19-20 January 2012.

The Department of English, in collaboration with National Translation Mission, Central Institute of Indian Languages and the Ministry of HRD and in media partnership with Sakshi Bharat, Delhi News Track and A2Z News Channel, organized a two-day National Seminar on the *Relevance of Translation in a Global Era*.

Seminars/Conferences attended

Dr. Karuna Kaushik: Attended the 3rd Annual International Conference on *Global Cooperation for Sustainable Growth and Development: View from G20 Countries* on 13-14 September 2011.

Delivered the inaugural address at the National Seminar on *Relevance of Translation in a Global Era* on 12-13 January 2012.

Delivered the inaugural address at the National Workshop on *Application of Mathematics in Industrial Research* on 19-20 January 2012.

Ms. Nirmal Kanta: Attended an International Indo-European Conference on Quality Assurance in Higher Education.

Dr. Seema Kaushik: Attended International Seminar on Physical Education, Recreation and Yogic Sciences at BHU in January, 2012.

Ms. Minni Jha Mishra: Attended an International Conference on *Restoring Culture of Ethics and Values: The Holistic Education Way* organized by Center for Ethics and Values; Ramanujan College.

Dr. Raj Nangia, Dr. Lata Sharma, Dr. Madhu Aggarwal, Dr. Alka Harneja and Dr. Poornima S. Talwar: Participated in a National Workshop entitled *Applications of Mathematics in Industrial Research* organized at Lakshmibai College on 19-20 January 2012.

Dr. Lata Sharma and Dr. Alka Harneja, Dr. Poornima S. Talwar, Ms. Sarika Bhatnagar and Ms. Ruchi Ahuja: Attended a *National Seminar on Mergers and Acquisitions* organized by SBS College, Delhi University on 20-21 January 2012.

Ms. Neeta Bareja: Presented a paper on *Tax Impact in Structuring Mergers and Acquisitions* at a *National Seminar on Mergers and Acquisitions* organized by SBS College, Delhi University on 20-21 January 2012.

Dr. Vanita Agarwal: Presented a paper entitled *Demergers* at National Seminar on Mergers and Acquisitions organized by Shaheed Bhagat Singh College, Delhi University, 21 January 2012.

Dr. Anita Malhotra: Participated in a National Conference on *Sustainable Development: A Collective Vision* organized by Institute of Home Economics.

Lt. Dr. Seema Kaushik: Participated in the National Seminar on *Biomechanics and Exercise Sciences* held at St. Stephen's College, DU in June, 2011.

Dr. M.P Yadav: Attended the National Conference on Disability of AICB on 14-15 October 2011.

Attended the *National Seminar on Modern Hindi Poetry* at Satyawati College, University of Delhi, 29 October 2011.

Organized a '*National Seminar on Relevance of Translation in a Global Era*' in collaboration with National Translation Mission, Central Institute of Indian Languages, Ministry of HRD in Media partnership with *Sakshi Bharat, Delhi News Track* and *A2Z News* on 12-13 January.

Publications

Books

Sharma, L. Co-authored a book on *Management Accounting* published by Pearson.

Agarwal, V. *Macroeconomics-Theory and Policy* (Pearson) and another book co-authored by her entitled *Macroeconomics*, Ane Books Pvt. Ltd.

Lakshmi, L.R.S. 2012. *The Malabar Muslims. A Different Perspective*, Cambridge University Press.

Shankar, A.G. *Algebra I A basic course in Abstract Algebra*, Pearson publication.

Complex Numbers and the Theory of Equations, Anthem Press India.

Research Articles

Nangia, R. Earning Management and Role of Directors in Business Analyst —A Refereed Journal of SRCC. Vol. 32.

Co-authored with Vinod Kumar and Prabhat Mittal entitled Empirical Investigation of Price Variability. Mechanism of the Colombo All Share Price Index in Business Analyst—A Refereed Journal of SRCC. Vol. 31.

Kaushik, S. *Sports in Hindi Cinema* in Proceedings of ISPERYS, BHU (2012), ISBN No. 92-8867-511-8, pp. 312-317.

LADY IRWIN COLLEGE

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organization</i>
Decision making in everyday life. A cross-national research study on risk taking behaviour.	Dr. Nandita Chaudhary	Duke University, USA.
Self and identity of the young child: Emerging trends in urban India families.		ICSSR
Exploring Impact of Early Learning, Socialization, and School readiness Experiences in Preschool Settings on Educational and Behavioural Outcomes along the Primary Stage.		Ambedkar University
Impact Assessment Study for Young Tribal Children in Odisha.		International Children's Fund
Impact of nutrition on cognition and physical growth in pre scholars. A Review.	Ms. Punya Pillai	Smithline Glaxo
Ultrasonic Cleaning of Highly Soiled Apparel.	Ms. Sabina Sethi	UGC
Development of Garment Cleaning Gadget Using Ultrasonic Technique'.		Ministry of Textiles and NITRA

Library Development

Total Budget	:	₹ 17, 41,500/- (₹ 1354500/-Book Gr + ₹ 370000/- Lib Automation)
Books added	:	681
Journals Subscribed	:	117

Appointments of faculty members to higher Posts/Assignments

Dr. Anupa Siddhu: Member, Panel on Labelling and Claims. FSSAI; Member CSIR Panel on mother and Child Nutrition; Member INSA/IUNS; Member NCD prevention/MOHFW; Member Curriculum Committee CBSE; Chairperson Session, Tacit Volunteer Training Program, Bhopal; Chairperson, CBSE Committee on Home Science.

Dr. Priti Rishi Lal: Member National Apex Committee for Nutrition (constituted by the Min. of Youth Affairs and Sports)–Olympic Games 2012; Member Task Force to ensure diet and supplements to national camps, Sports Authority of India, Govt of India.

Dr. Nandita Chaudhary: Consultant, Delhi High Court mediation centre for welfare of children in legal disputes; Consultant to selected Delhi schools on issues of Early Childhood Education, Career Counselling, Parents Groups and Teachers Training; Member, Editorial Board, Social Practice/Psychological Theorising; Member, Editorial Board, Sage Journal for Cross-cultural Psychology; Member, Editorial Board, International Journal for Idiographic Science; Associate Editor, Sage Journal, Culture and Psychology; Editor, Psychological Studies.

Dr. Shraddha Kapoor: Editorial Advisor CHILD Magazine; Editorial Advisor *Navtika* – Journal of Early Childhood Education.

Dr. Vinita Bhargava: Member of Adoption Advisory Committee, State Adoption Resource Authority, Department of Social Welfare, Delhi Government. (2011).

Dr. Priti Joshi: Resource person, Research design for pilot testing of Gujarat State curriculum, Gujarat. May 2011.

Dr. Anjali Capila: Appointed Governing Body and Executive committee member of the Institute of Himalayan Education Research and Empowerment (INHERE), Almora district, Uttarakhand; Member of the Committee on 'Developing a Comprehensive Policy for the Himalayas' with Gandhi Peace Foundation and HIMCON, for the Govt. of India. April, 2011.

Dr. Archana Kumar: Trust Board member of LC Tyagi Memorial Trust for World Peace, GRAVIS Rajasthan; Member Board of Research Studies Jammu University; Member Board of Research Studies, Rajasthan University; Executive Body member Mobile Crèches, New Delhi; Executive Body Member, Media Foundation of India.

Dr. Veena Gupta: Member, Committee for Curriculum Development in Home Sc. for Bachelor's Programme in Vocational Education and Training (B.Vet), IGNOU, New Delhi; Member, Committee for 'Revision of Curriculum in Fashion Design', South Delhi Polytechnic for Women, New Delhi.

Dr. Veenu Seth: Reviewer for the INSA Report on 'Micro-Nutrient Security for India – Priorities for Research & Action', April 2011.

Honours/Distinctions

Dr. Bhawana Chanana: Awarded Meritorious invention award for societal innovation', for work on Development of Low Cost Sanitary Napkins using Alternate Materials.

Awarded Anjani Mashekar National award for Innovation resource poor and old at Bharti Vidyapeeth University, Pune, 17 December 2011.

Dr. Priti Rishi Lal: Received Sagarmal Goenka award for best paper in experimental Nutrition at annual IDA conference.

Dr. Nandita Chaudhary: Awarded Senior Fellow Award, Indian Council for Social Science Research for research on 'Self and identity of the young child: Emerging trends in Urban Indian families'.

Dr Aparna Khanna: Awarded a Scholarship by International Development Research Centre, Canada.

Dr. Anupa Siddhu: Hosted WHO Fellows from Maldives on Nutrition and Health Education, 19-30 September 2011.

Seminars/Conferences attended

Dr. Sarita Jain: Penalist in National Seminar on 'Problems in College Libraries' Department of Library and Information Science. Delhi University, August 2011.

Dr. Shashi Guglani: Speaker at a panel discussion, International Conference on 'sustainable development: personal and social competencies of school teachers organized by TERI, Epicenter, Gurgaon, October 2011.

Dr. N. Chaudhary: Third Conference on 'Cultural Psychology', Itacimirin, Bahia.

Dr. P. Gupta: Workshop on 3Es in India, Indonesia and China 'Asian Development Bank and Organization of Economic Co-operation & Development', Manila, Philippines.

'Empowering Stakeholders towards Green Factories: An Action Research' 'International symposium on Innovative Management Strategies' organized by Netaji Subhash Institute of Management Sciences, Delhi.

'Intrapreneurship – Creating a Home Away from Home' at International symposium on 'Innovative Management Strategies' organized by Netaji Subhash Institute of Management Sciences, Delhi.

Dr. A. Khanna and Dr. A. Capila: Developing a Prototype of a Flip Book Game for Edutainment of Adolescents in Rural Teen Clubs of India 11th International 'Educational Technology Conference', Istanbul, Turkey.

Engaging Youth: Developing a Game for Adolescents to enhance Life Skills 5th International 'Entertainment Education Conference', New Delhi.

Dr. A. Khanna and Dr. S. Sharma: Grassroots Comics: a Media for Development Communication International Conference on 'Information and Communication Technologies and Development, Georgia - USA, Atlanta.

Dr. A. Khanna and Dr. A. Singh: Efficacy of Stop TB Cricket: a Mobile Phone Game for Edutainment 11th International 'Educational Technology Conference', Istanbul, Turkey.

Dr. A. Khanna, Dr. A. Capila and Dr. P. Bhalla: Street Theatre for Edutainment- a Participatory Research 15th UNESCO- APEID International Conference, 'Inspiring Education: Creativity and Entrepreneurship', Jakarta, Indonesia.

Nurturing Creativity and Entrepreneurship Skills of Youth Using the Process of Developing a Life Skills based Game for Rural Teen Clubs in India 15th UNESCO- APEID International Conference, 'Inspiring Education: Creativity and Entrepreneurship', Jakarta, Indonesia.

Dr. A. Khanna, Dr. S. Sharma, Dr. A. Ducao, Dr. S. Chakraborty and Dr. M. Champanis: Grassroots Comics-Exploring their potential as a participatory mapping technique. International Conference on 'Information and Communication Technologies and Development, Georgia, USA, Atlanta.

Dr. A. Kumar and Dr. M. Seth: Stories of Change for Evaluating Programmes: Mapping the Impact of Community Radio using the Most Significant Change (MSC) Technique at the annual International Conference of 'the International Association of Media & Communication Research', Istanbul, Turkey.

Dr. A. Kumar, Dr. R. Aggarwal and Dr. M. Seth: Marginalized Adolescents Quest for Education: Mapping Voices of Adolescents Using Grassroot Comics at 'the annual International Conference of the International Association of Media & Communication Research', Istanbul, Turkey.

2011: Providing Academic support and Building Life Skills of Poor children at 'Washington Knowledge Management Impact Conference', Washington DC, USA.

Dr. S. Anand and Dr. S. Gaur: Participatory Community Radio: Community Radio Set ups in development deficit areas in India Asian Media and Information Center's 20th Annual Conference titled 'Taking Stock of Media and Communication Studies: The Challenges and Opportunities of Globalisation, New Media and the Rise of Asia', Hyderabad.

Dr. Subhash Arya: Employment of Visually Impaired in Technology Based Field International Conference on 'Higher education'.

Student Teacher's Perception and Preparedness towards Inclusive Education of Mentally Challenged Learners. International Conference on 'Learning Community for Global Education Reform', Gwalior.

Dr. Vandana Goel: Leadership Ethics & Accountability & Professionalism in Library services. International Summit. Institute of Economic Growth, Delhi University, 16-17 March 2012.

Dr. A. Khanna and Dr. S. Kalra: Comics for Edutainment- an Exploratory Study International Conference on 'Creativity and Innovation: Breaking the Barriers to Reach the Bottom of the Pyramid', Gurgaon, Haryana.

2012. Comics for Enhancing Innovation Amongst Youth International Conference on 'Innovation in Management and Information Technology', Institute of Management and Technology, Faridabad.

Dr. A. Khanna, Dr. M. Seth, Dr. R. Aggarwal and Dr. N. Chaturvedi: Storytelling through Grassroots Comics for building Life Skills- Exploring the scope for Adolescents with special needs International Conference on 'Book Therapy – Reading is Healing', New Delhi.

Dr. A. Khanna, Dr. A. Singh, Dr. J. Soni, Dr. H. Qurashi and Dr. S. Quraishi: Edutainment based Mobile Phone Games for Health Communication in India 3rd International Conference on 'Mobile Communication for Development (m4d)', New Delhi.

Dr. R. Malaviya: Book Therapy: Child's Mental Health Perspective International Conference on 'Book Therapy: Reading is Healing'.

International Conference on 'Explorations of Intimate Relationships and Couples Therapy organized by the Indian Association of Family Therapy'.

Mainstream Schools: Evolving a bridge for the child with special needs International Conference on 'Global Commitments towards Inclusive Development of Persons with IARP', New Delhi.

Educational Psychology and children with special needs 'National teleconferencing programme through RCI's NAVSHIKHAR Channel'.

General Teachers and Special Education teachers: Perceptions and Interlinkages towards Inclusive Education 'National Annual Conference by CESI on Rethinking Educational Policy CESI', Hyderabad.

Task Analysis: Its relevance to the development of a IEP 'National Teleconferencing programme through RCI's NAVSHIKHAR Channel'.

Ms. Sabina Sethi: 2nd prize poster presentation in 5th International Conference for Apparel and Home Textiles, ICAHT, organized by OGTC supported by UNODC and AEPC, Govt. of India. Ass. Sponsor PDEXCIL, Knowledge Partner GTZ.

Dr. S. Guglani: National Conference on 'growth, development and empowerment of women'.

Dr. P. Gupta: RICS India International Conference on 'Planning and Delivering Urban Infrastructure in Indian Cities'.

Dr. Sarita Jain: National Seminar on 'Managing Electronic Theses and Dissertations', JNU, New Delhi, 22 -23 March 2012.

Dr. R. Malaviya and Dr. S. Singh: Employment for persons with disabilities: Opportunities and challenges 'National Annual Conference by CESI on Rethinking Educational Policy CESI', Hyderabad.

Dr. M. Mital: RICS India International Conference on 'Planning and Delivering Urban Infrastructure in Indian Cities'.

Dr. G. Sharma and Dr. P. Joshi: Right to Education for children with disabilities. National Conference on 'Exploring Disability Experience in Social Science Research', New Delhi.

Publications

Books

Gupta, P. 2012. Developed a Prototype Training Manual on Green Buildings, under Centre for Advanced Studies, Lady Irwin College, University of Delhi.

Mital, M., Jain, S. and Mehta, C. *Resourcebook of Family Finance and Consumer Education.* New Delhi: Academic Excellence.

Seth, V. 2011. Nutrition Issues in Children with Disabilities: Nutrition profile, Associated Feeding Problems and their Nutritional management. Germany: Lambert Academic Publ.

Singh, K. and Gupta, P. 2011. Maternal Perception and Feeding Practices: effect on preschooler's weight. Germany: Lambert Academic Publ.

Research Articles

Anand, S. and Akshay. P. 2011. Women in Violent Homes: Reflections in Media.

Chadha, R. 2011. 'Vitamin A Metabolism', in *Public Health Nutrition in Developing Countries*, Wood-head Publ, India.

Chaudhary, N. 2012 . Father's role in the Indian family: A story that must be told, in *The father's role: Cross-cultural perspectives* (ed.) D. Shwalb, B. Shwalb and M. Lamb. Routledge, New York.

2012. 'I am Anna': Collective identity and a people's movement in contemporary Indian society, in Special issue on Dialogical Self theory: Globalisation and development. (ed.) H. J. H. Hermans, Jossey-Bass, San Francisco.

2012. 'Collisions, confrontations and collaborations of the self in culture: A commentary', in *The interplay between dialogical learning and dialogical self* (ed.) M. B. Ligorio, & J. Valsiner, Series ed. J. Valsiner, Book series, *Advances in Cultural Psychology*. Information Age, Charlotte, NC.

Choudhary, G. 2011. 'Educating Teachers for Diversity: the Reality of teacher education', in Parimala, D. *Diversity in Teacher Education. A Global Perspective*, Kanika Publishers.

Kumar, A. 2011. Editor for Chapters on Communication & Working in the Community for IGNOU course in Early Childhood Care and Education.

Seth, V. 2011. 'Complementary Feeding of Infants & Young Children', in *Public Health Nutrition in Developing Countries* (ed.) S.C. Vir. Woodhead Publ, India.

Sharma, G. and Bhargava, V. 2011. Construal's of Stress and Wellbeing in women with Breast Cancer. LAP Lambert Academic Publ, AG & Co. KG.

Scholarly Journals

Khanna, A. and Kalra, S. 2012. International Conference on Innovation in Management and Information Technology Conference Souvenir. 'Comics for Enhancing Innovation Amongst Youth'.

Khanna, A. Spring 2011. Grassroots Comics: a Development Communication Tool in Sangaeng (Special issue: Illustrating a better world through Comics), 30: 12-15, APCEIU, UNESCO.

Khanna, A., Seth, M., Aggarwal, R., Chaturvedi, N. 2012. Storytelling through Grassroots Comics for building Life skills: exploring the scope for Adolescents with special needs. *Indian J. of Adult Education* 73(1) January-March: 47-56 ISSN 0019-5006.

Khanna, A., Singh, A., Soni, J., Qurashi, H., Quraishi, S. 2012. Edutainment based Mobile Phone Games for Health Communication in India in the Proceedings of M4D 2012 February 28-29, New Delhi, (eds) Vikas Kumar and Svensson Karlstad University Studies (Sweden) 2012:3 ISSN: 1403-8099 ISBN: 978-91-7063-407-9.

Malaviya, R. Book Therapy: Child's Mental Health Perspective. *Quarterly J. of the Association of Writers and Illustrators for Children.*

Pillai, P. 2012. Cultural Directions and Origins of Everyday Decisions. *Integrative Psychological and Behavioral Science.* 10.1007/s12124-012-9196-9.

Sharma, N. 2011. Higher Education Opportunities for Students with Disability at the University of Delhi, India, *IAU Horizons. J of the International Association of Universities*, 17(1).

Singh A. 2011. How Children learn Mathematics? *Navtika 'J. of Early Childhood Education'* 11(3).

MIRANDA HOUSE

Major Activities

The D.S. Kothari Centre for Research and Innovation in Science Education, established at Miranda House, created new opportunities for undergraduate research and spearhead capacity building and educational outreach. The college was awarded a major grant of ₹. 55 lakh under the Department of Biotechnology Star College Scheme. It was invited to host the flag-off ceremony of *Vigyan Jyot* as part of 99th Indian Science Congress celebrations. Prof. John Holdren, Director of the White House Office of Science and Technology Policy, and Co-Chair of the President Obama's Council of Advisors on Science and Technology was specially invited by the Indo-US Science Technology Forum to visit the college, to observe INSPIRE Internship Programme in action and interact with the participating school students and their undergraduate mentors. Major strides have been made by launching collaboration with Sydney University through the Australian Leadership Fellowship Award (ALAF) with a grant of AUD 55,000 in the offing.

Seminars/Conferences attended

Dr. Pratibha Jolly: Invited speaker at Australia-India Vison 2020, the International Forum on India, hosted by The University of Sydney, Australia, on 13 April 2011. She delivered a talk titled *Science Education: Envisioning Global Networks* at the session titled *Science Education: Challenges and Opportunities*. She was also invited to an interactive discussion with the Physics Education Research Group, Department of Physics, and the Institute for Innovation in Science and Mathematics Education at University of Sydney.

Presented a paper titled *Building Collaborative Networks and Mainstreaming Pedagogic Innovations through Educational Outreach Programs* at the International Conference on Physics Education ICPE 2011 on the theme *Training Physics Teachers and Education Networks* held at the Instituto Politecnico Nacional, Mexico City, 15-19 August 2011.

Participated as an invited Global Observer in the SIFE World Cup 2011 at Kuala Lumpur, Malaysia, 3-5 October 2011.

Dr. Sunita Dhingra: Presented a paper *Resource efficient and Cost effective approach to qualitative organic analysis* at the 43rd IUPAC World Chemistry Congress Puerto Rico, 31 July-5 August 2011.

Ms. Roma Debabrata: Presented a paper on *Empowerment of women by reducing life time prevalence of violence against women by maximizing the rate of completion for primary and secondary schooling* which was selected by Economic and Social Council at a Conference at New York, 28 June-2 July 2011.

Presented a paper on *Trafficking of Children* in the 5th ECPAT End Child Prostitution, Child Pornography and Trafficking of Children for Sexual Purposes held in Paris, France, 8-10 November 2011.

Ms. Srita Mukherjee: Participated in a Conference organized by International Congress of Bengal Studies, Dhaka, December 2011.

Dr. Sushma Moitra and Dr. Madhu Bajaj: Participated in the Indo-US Workshop on Application of Molecular Marker Technology for Rapid Development & Delivery of New Crop Varieties for Enhancing Food and Nutritional Security organized by The Energy Resources Institute (TERI), India & MSU, USA, at TERI University, New Delhi and Beejo Sheetal Bioscience Foundation, Jalna, India, 3-9 December 2011.

Ms. Purva Yadav: Presented a paper titled *India's Changing Trade Pattern In The Process Of Globalisation* at the International Conference on *Emerging Economies – Prospects and Challenges*, organized by the Symbiosis Institute of International Business at Hinjewadi, Pune, 12-13 January 2012.

Ms. Meera Sagar: Presented a paper titled *Harmonia Mundi: Harmony in the Renaissance* along with Mr. Sumil Dua at a UGC National Seminar on *A Note in Time: Music as Social Text* organized by Sri Venkateswara College at Sahitya Akademi, New Delhi.

Dr. Meena Kumari: Presented research paper on the topic *Aushadhiye padap ark* in the National Seminar at Bikaner, Rajasthan.

Ms. Seema Rani: Presented research paper on the topic *Atharvved mein prapt varun namak aushadhiye padap ki upyogita* in the National Seminar at Bikaner, Rajasthan.

Ms. Madhu Bala: Presented research paper on the topic *Vedo mein ausdhiye padap uttanparn ka swarup evm updyeta* in an International Seminar organized by Rajakiye Dungar Mahavidalaya, Bikaner.

Ms. Anindita Sarkar: Presented a paper titled *Development and Composition of Irrigation in Punjab: Trends, Patterns and Implications* at the *National Conference of 33rd Indian Geography Congress on Resources and Development* organized by the National Association of Geographers India and Department of Geography, Burdwan University at Burdwan.

Dr. Namrata Singh: Presented a paper on *Feminist Public Administration* in UGC sponsored National Seminar on *Revisiting Public Administration: Perspectives and Challenges* at Dyal Singh College (Evening), 20-21 April 2011.

Dr. Saloni Bahri, Dr. Janaki Subramanyan and Ms. Renuka Agarwal: Participated in National Workshop on *Evolutionary Perspectives in Modern Biological Teaching and Research*, jointly organised by Institute for Life Long Learning, Centre for Science Education and Communication & Acharya Narendra Dev College, 9-10 May 2011.

Ms. A.R. Sitalakshmi: Participated in a one day Workshop on *Classroom Observation and Supervision* led by Rod Bolitho and jointly organized by MINDS Project, CIE, Delhi University and British Council of India, held at Central Institute of Education, Delhi University, 26 April 2011.

Presented a paper titled *Science learning and assessment as a part of Environmental Studies: key issues and concerns* at the National Symposium for Primary and Pre-primary Education at the A.N. Sinha Institute of Social Sciences, Patna, organized by Peoples Council of Education, Allahabad, A.N. Sinha Institute and SCERT Bihar, 7-9 Feb. 2012.

Publications

Books

Joshi, S., Jani, M. and Chandu, M. (ed.) 2011. *Umashankar Joshini Vicharyatra* [Essays on the Life and Times of Umashankar Joshi, a twentieth century Gujarati writer], Ahmedabad: Gurjar Prakashan.

Jagannathan, B. 2011. Children's Book: *The Timid Train*. Bangalore: Pratham Books.

Research Articles

Bhatia, K. Asmita Bodh, Research Paper in Research Magazine *Sahitya Amritam*, April 2011.

Nahi Kayar Ka Kaam, article in *Jansatta* Newspaper, 21 July 2011.

Sarkar, A. 2011. Socio-Economic Implications of Depleting Groundwater Resource in Punjab: A Comparative Analysis of Different Irrigation Systems. *Economic and Political Weekly*, Vol. 46, No. 7, pp. 59 – 66.

Yadav, P. 2012. India's changing trade pattern in the process of globalization in Abstracts International Conference on Emerging Economies - Prospects and Challenges, (Pune), Symbiosis Institute of International Business, Pune.

2012. Sustaining livelihoods in face of groundwater depletion: A case study of Punjab, India, *Environment, Development & Sustainability*, Vol.-14, No. 2, Pp. 183 -195, DOI: 10.1007/s10668-011-9315-7 Available at <http://www.springerlink.com/content/b2672w04810gwn92/>.

Jagannathan, B., Short Story: 'Crime and Atonement', 2011 in, Kumkum Roy (ed), *Insights and Interventions: Essays in Honour of Uma Chakravarti*, New Delhi: Primus Books.

Short Story: 'Nobody must Know', 2011, in Kumkum Roy (ed), *Insights and Interventions: Essays in Honour of Uma Chakravarti*, Primus Books, New Delhi.

Short Story: 'Goddess of Fire', 2011, in Kumkum Roy (ed), *Insights and Interventions: Essays in Honour of Uma Chakravarti*, New Delhi Primus Books.

Poetry: 'Belief' in *Four and Twenty*, Vol. 5, No. 1, January 2012.

2011. Poetry: 'Goddess of Palai', in Kumkum Roy (ed), *Insights and Interventions: Essays in Honour of Uma Chakravarti*, New Delhi Primus Books, New Delhi.

Essay: 'Let a Thousand Ramayanas Bloom', in *Mainstream*, Vol. XLIX, No. 49, 26 November 2011.

Sharma, S. 2011. *Delivering Girls' Education in India - Making Panchayats Responsible*. New Delhi: Mosaic Books.

2011. *Bharat aur Maanav Adhikaar in Bhartiye Shaasan Aur Raajniti* (ed. Chowdhary and Kumar) 533-45. Orient Blackswan.

Jolly, P. 2011. *Physics Education Research: Transforming Classrooms, Teaching and Student Learning at the Tertiary Level*, Physics News: Bulletin of Indian Physics Association, October 2011, No. 4, Vol. 41, pp. 42-56.

2011. *International Commission on Physics Education*, Physics News: Bulletin of Indian Physics Association, October 2011, No.4, Vol. 41, p. 57.

Sharma, A., Tomar, M. and Gupta, V. 2012. *Low temperature operating SnO₂ thin film sensor loaded with WO₃ micro-discs with enhanced response for NO₂ gas*, Sensors & Actuators B, 161: 1114.

2011. *Trace level detection of NO₂ gas using SnO₂ thin film with different catalysts*, Lucknow J. Science, 8: 597.

2011. *SnO₂ thin film sensor with enhanced response for NO₂ gas at lower temperatures*, Sensors & Actuators B, 156: 743.
- Arora, K., Tomar, M. and Gupta V. 2011.** *Highly sensitive and selective uric acid biosensor based on RF sputtered NiO thin film*, Biosensors and Bioelectronics 30: 333.
- Shandilya, S., Sharma, A., Tomar, M. and Gupta V. 2011.** *Optical properties of the c-axis oriented LiNbO₃ thin film*, Thin Solid Films 520: 2142.
- Jindal, K., Tomar, M., and Gupta V.** *Surface Plasmon Resonance based optical temperature sensor using ZnO:N thin film*, Materials Research Society Symposium proceedings December 2011.
- Tyagi, M., Tomar, M., and Gupta V. 2011.** *Influence of post deposition annealing on structural, optical and electrical properties of NiO-ZnO heterojunction* Materials, Research Society Symposium proceedings December 2011.
- Raj, V.B., Nimal, A.T., Tomar, M., Parmar, Y., Sharma, M.U. and Gupta V.** *Room temperature detection of DMMP (simulant of Sarin) by ZnO SAW sensor* Material Research Society Symposium proceedings December 2011.
2011. *ZnO Surface Acoustic Wave Sensor for Orthogonal Detection of DMMP*, ICMAT, Singapore, 26 June-July, 2011.
2011. *Orthogonal detection of ammonia using ZnO based Surface Acoustic Wave sensor*, Lucknow J. Science, 8: 592.
- Sharma, A., Tomar, M., Sreenivas, K., and Gupta V. 2011.** *Trace level detection of NO₂ gas using SnO₂ thin films*, Proc. Sensors Applications Symp.(SAS 2011), 1: 136.
2011. *Room temperature detection of trace level NO₂ gas using SnO₂ nanoclusters*, Proc. Sensors Appl. Symp. (SAS 2011), 1: 145.
- Tyagi, M., Tomar, M., Sreenivas, K., and Gupta, V. 2011.** *NiO inorganic matrix for efficient detection of glucose in physiological range*, Lucknow, J. Science, 8: 587.
- Gupta, S., Tomar, M., and Gupta V. 2011.** *Growth of multiferroic BFO thin films for sensing applications*, Lucknow J. Science 8: 581.
- Dhingra, S. and Angrish, C. 2011.** *Qualitative Organic Analysis: An Efficient, Safer and Economical Approach to Preliminary tests and Functional Group Analysis*, Journal of Chemical Education, 88, 5 (649 – 651).
- Sehgal, A., Khanduri, P. and Tandon, R.** *Structure and Evolution of Megagametophyte in Podostemaceae* in Abstracts, XVIII International Botanical Congress. (Melbourne, Australia), July 2011, 23-30.

MATA SUNDRI COLLEGE FOR WOMEN

Major activities

The college has introduced Wi-Fi connectivity in all the labs, and installed appropriate softwares in the library, OMSP department and the examination branch. The College students have once again excelled in sports, winning 11 gold medals and 17 silver medals.

Library Development

Total budget	:	₹ 7,60,375/-
Books added	:	2174
Journals subscribed	:	60

Appointments of faculty members to higher Posts/Assignments

Dr. Tripta Verma: Elected Treasurer of the Indian History Congress in December 2011.

Elected President of Alumnae Association of Indraprastha College for Women for (2012-2014) in 11 February 2012.

S. Rajendra Singh: Promoted to 'Top Grade Artiste for Hindustani Classical Vocal Music' at All India Radio in February 2012.

Honours/Distinctions

Nidhi Verma: Graphic novel adaptation of Jerome K Jerome's 'Three Men in a Boat' published by Kalyani publishers, New Delhi, 2011, was nominated in the Best Publication for Children's category, in the first Indian Comic Con Awards held at the India International Centre on 18 February 2012.

Seminars/Conferences held

The Divinity Society organized a National Seminar on 'Relevance of Guru Granth Sahib Ji in the Present Socio-Economic Scenario' on 17 February 2012.

MOTILAL NEHRU COLLEGE

Honours/Distinctions

Dr. Pragati Mehra: Awarded Ph.D. on *Impact of Value Added Tax on Business Enterprise* by Department of Commerce, University of Delhi, January 2012.

Dr. Anu Pandey: Awarded Ph.D. on *Women Entrepreneurship in India: Motivation, Capabilities and Performance* by Department of Business Economics, University of Delhi, August 2011.

Dr. Durgesh Kumar Singhal: Awarded Ph.D. on *Fixed Point Theorems in Symmetric Space and Uniform Spaces* by Department of Mathematics, University of Delhi, July 2011.

Seminars/Conferences attended

Dr. B.K. Jain: Paper Presentation *Two Crisis of Indian Microfinance : Why Are They Disconnected?* in the Second European Research Conference on *Microfinance* hosted by University of Groningen, Groningen, The Netherlands, 16-18 June 2011.

Dr. Paramita Ghosh: Attended *Evolutionary Perspectives in Modern Biological Teaching and Research* a National Workshop organized by ILLI, Centre for Science Education & Communication and Acharya Narendra Dev College, University of Delhi, 9-10 May 2011.

Environmental Friendly Technology for Degradation of Dye Polluted Effluent of Textile Industries Using Newly Developed Photo Catalyst in International Conference of Chemistry of Phytopotential: Health, Energy and Environmental.

Paper Presentation *Environmental Friendly Technology for Degradation of Dye Polluted Effluent of Textile Industries Using Newly Developed Photo Catalyst* in International Conference of Chemistry of Phytopotential: Health, Energy and Environmental.

Dr. Manju Aggarwal: Paper presentation *Vocational Education and Labour Market* in an International Conference on *Upbringing of Educated and Intellectually Advance Generation as the most important condition of Sustainable Development and Modernisation of the Country* in Tashkant as *State Guest*, 16-17 February 2012.

Removal of Azo Dyes From Their Aqueous Solution, In A New Photo Reactor Passes High Efficiency of Degradation of Dyes Using Recently Developed Photocatalyst Methylene Blue Immobilized Resin Dowex-11 International Symposium on *Recent Advances in Chromatographic Science and Green Chemistry*, 12-14 January 2012.

Paper presentation *Motivation and Perception of Women Entrepreneurs in India- An Emerging Economy* in Academy of International Business 2011 Nagoya Conference at Nagoya, Japan, 25-28 June 2011.

Impact of Socio-Cultural Factors on Nature of Business of Women Entrepreneurs-A study of Women Entrepreneurs in Delhi at International Conference in Bangalore hosted by ICER-BRIC, 8-10 December 2011.

Indian Ethos in Sustainable Development at the UGC sponsored National Conference on *Environmental Accounting-Sustainable Development and Environmental Protection*, Dayanand College, Ajmer, 9-11 January 2012.

Attended *Gender, Diversity & Cultural Pluralism: Canada and India* an International Conference held at the India International Centre, New Delhi, 17-18 January 2012.

Ms. Deepti Singh: Paper Presentation *Corporate Governance: Theories Behind The Codes* in National Seminar on *Empowering Growth Through Corporate Governance and Economic Stability Measures* by Sri Guru Gobind Singh College of Commerce, University of Delhi, 23-24 February 2012.

Dr. Seema Srivastava: Attended *Accounting, Taxation and Economic Issues* a National Seminar hosted by R.J. Tibrewal Commerce College, Ahmedabad, 23 December 2011.

Ms. Monika Gupta, Dr. Seema Srivastava, Dr. Manju Aggarwal and Dr. Om Prakash Gosain: Attended *Mergers and Acquisitions: Issues, Opportunities and Challenges*, National Seminar hosted by Shaheed Bhagat Singh College, University of Delhi, 20-21 January 2012.

Empowering Growth Through Corporate Governance and Economic Stability Measures, National Seminar hosted by Sri Guru Gobind Singh College of Commerce, University of Delhi, 23-24 February 2012.

Dr. Om Prakash Gosain: *Convergence for sustainable development in MGNREGA: Evolving role of ICT* in the 64th All India Commerce Conference organized by the Department of Commerce, School of Management, Pondicherry University, Pondicherry, 13-15 December 2011.

Carbon Credit Accounting: An Indian perspective in 34th All India Accounting Conference & International Seminar on education and research, jointly organized by Department of Accountancy & Business Statistics, P.G. School of Commerce, University of Rajasthan, Jaipur and Indian Accounting Association, Jaipur Chapter held at Jaipur, Rajasthan, 17-18 December 2011.

Ms. Vandita Gautam: Attended *Masquerading Criminals and the Gothic Panoptian Democracy: Poe's Tales and the Unraveling of American Trauma*: International Conference on Crime and Evidence: St. Stephens College, February 2012.

Feminist Ghetto and the Fundamentalist Calculi: Emasculating the Masculine East: International Conference on Terrorism and Fundamentalism: St. Stephens College, March 2012.

Dr. C.P. Mishra: Paper Presentation *Internet and Literature* in 7th International Writers' Festival-India in Mahatama Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha, 26-27 November 2011.

Blog: Avdharna, Sambhavnayein Aur Seemayein in National Seminar on *Hindi Blogging: Swaroop, Vyapti Aur Sambhvayein* in K.M. Aggarwal Arts, Commerce and Science Mahavidyalaya, Kaiyan, 9-10 December 2011.

Blog Ki Bhasha in International Seminar on *Hindi Media Ki Samajik Upyogita* in Dayalbagh Educational Institute, Agra, 3-4 February 2012.

Naya Media Aur Samaj in an International Conference on *Civic Challenges: Democracy and Media* hosted in Mangalayatan University, Beswan, Aligarh, 25 February 2012.

Naya Media Banam Purana Media in an International Conference on *Patrakarita Ka Badalta Swaroop Aur New Media* hosted in PGDAV College (Eve.), Delhi University, 21 March 2012.

Dr. S.B. Bhardwaj: Paper Presentation *Conflict over Social Surplus; Farming out in the early 18th Century Mewat* in National Seminar organized by the Department of History, Jamia Milia Islamia, 21-22 March 2012.

Ms. Padma Negi: Attended National Seminar on *Celebrating Delhi through Ages* organised by Department of History, Shivaji College, University of Delhi, 28-29 September 2011.

Paper Presentation *Climate Change and SAARC* at International Studies Association Annual Conference, April 2011.

Climate Change Governance at the Joint Conference of WISC and International Studies Association at Portu, Portugal, 17-19 August 2011.

Climate Change and Human Security at Joint Conference of NAPSIPAG and Tribhuvan University, Kathmandu, 14-16 December 2011.

Dr. Vandana Mishra: Paper Presentaiton *Working of coalition: A managerial approach* in UGC sponsored National Seminar on *Revisiting Public Administration: Perspectives and Challenges* organized by Dyal Singh College (Eve.), University of Delhi, 20-21 April 2011.

Civil Society in India: underlining dilemmas in a National Symposium on *Rise of Civil Society: Participative Democracy or anarchist Dictatorship* organized by Centre for Reforms, Development and Justice at IIPA, 5 August 2011.

Dr. Kaushal Panwar: Paper Presentation *Dharmshastr Main Shudra Stri Nirupan Evam Vishleshan* in National Conference on *Nari Sashaktikaran aur Sanskrit Vaagmaya* in Hindu College, Department of Sanskrit, University of Delhi, 23-24 February 2012.

Attended *The Cross Migration of Pancantantra and its Relevance in Contemporary world* in International Seminar organized by Department of Sanskrit, University of Delhi, 15-16 January 2012.

Twentieth International congress of Vedanta (20th Vedanta) in International Seminar hosted by Special Centre For Sanskrit Studies And Centre For Philosophy of Jawaharlal Nehru University, New Delhi organized by Centre for Indic Studies, University of Massachusetts, Dartmouth & Special Centre For Sanskrit Studies, Jawaharlal Nehru University, New Delhi, 28-31 December 2011.

Mr. Nama Ashish Prem Singh: Attended *Harrogate: The Ultimate Turf Management Exhibition in Europe* at Harrogate International Centre, England, 24-26 January 2012.

The National Seminar Committee organized a two-day National Seminar *Portrait of India* on the 22-23 March 2012 in the college. The two-day event had four segments – Reorganisation of India, Governance, Rights, and Globalisation and Development.

Publications

Pachwarya, R.B. *Degradation of Azo Dyes Ponceau S, S-IV from the Wastewater of Textile Industries in a New Photocatalytic Reactor with High Efficiency Using Recently Developed Photocatalyst MBIRD-1.*

2011. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 33:1651–1660, Copyright © Taylor & Francis Group, LLC, ISSN: 1556-7036 print/1556-7230 online DOI: 10.1080/15567036.2011.577654.

Recovery Of Wastewater Of Textile Industrial Effluent By Resin Based Photo Catalyst In Newly Developed Photo Reactor.

2011. Paper Presentation Environmental sciences (An Indian journal) Ecotoxicology, Vol. 6, Issues 3.

2012. Perspective (CPHEE) Dept. of Chemistry DEI (Deemed University) Agra, 4-6 November 2011 also Published in Springer, DOI: 10.1007/978-3-642-23394_44, Springer-Verlag Berlin Heidelberg.

Singh, V. 2012. Book on *The Human Footprint on Environment: Issues in India*, Delhi: MacMillan India Ltd.

2011. Book Review of Narendra Modi's *Convenient Action: Gujarat Response to Challenges of Climate Change* published by Eternal India (Journal). 2(3).

Kathuria, R. 2011. Research Paper *Properties of slant weighted Toeplitz operators*, Annals of Functional Analysis, Iran, 2(1): 19-30.

2011. Research Paper *weighted Teoplitz operators*, Australian Journal of Mathematical Analysis and Application, Australia, Vol. 8(1), art.11.

2011. Research Paper *ReGeneralised slant weighted Toeplitz operator*, World Academy of Science, Engineering and Technology, UK., 75, 1103-1106.

Sharma, S. 2011. Research Paper *India and Origin of SAARC*, World Focus, New Delhi.

2011. Research Paper *India and SAARC in the New Millennium*, World Focus, New Delhi, Annual Issue.

2011. Research Paper *Climate Change and Regional Co-operation in South Asia* in Non Conventional Challenges to Regional Co-operation in South Asia, edited by Dr. Upreti and Saurabh, Pentagon Press.

Srivatsva, S. 2011. Book on *Valmiki Ramayan Subhashit Ratnavali*, Delhi: Vidyanidhi Publishers.

2012. Book on *Shiv Sanhita (Yog Shastra) ki Vyakhya*, Delhi: Chukhamba Orientalia Publishers.

MOTILAL NEHRU COLLEGE (EVENING)

Major Activities

Departmental Associations of various subjects under the guidance of the teachers organize Lectures, Seminars and Discussions for the benefit of students and teachers alike. The College has well equipped and well maintained library having more than 53,000 books, journals and relevant reading materials. The College has also established state of the art E-Resource Center and Computer Lab with more than 40 Computers.

Library Development

Total Budget	:	₹ 2,71,680/-
Books added	:	1,042
Journals subscribed	:	24

Seminars/Conferences held

Dr. Bishnu Charan Nag: National Seminar entitled '*Industrialization Development for Whom*' sponsored by University Grant Commission, 20-21 March 2012.

National Seminar entitled '*Industrialization Development for Whom*' sponsored by University Grant Commission, 20-21 March 2012.

MAHARAJA AGRASEN COLLEGE

Major Activities

As a constituent college of the University of Delhi, Maharaja Agrasen College takes great pride in providing a proactive and dynamic environment to fulfill the expectations of students, the government and the society.

The college has set up a UGC Cell in the college which provides coaching to the students to prepare them for various entrance exams and Civil Services.

Library Development

Total Budget	:	₹ 15,00,000/-
Books added	:	831

Appointment of faculty members to higher Posts/Assignments

Gitanjali Chawla: Member of the Editorial Board of *Fortell*, A journal of English language and literature.

Prem Kumari Srivastava: Member, Editorial Board, *Fortell* journal; Guest Editor: *Fortell* ISSN No: 2229 – 6557 Journal for Teaching English Language and Literature. (Special Silver Anniversary September 2012 Issue no. 25 on 'Teaching English Language Skills through Literature') New Delhi.

Guest Editor: *LITERARIA: An International Journal of New Literature Across the World*, (Vol. 4, No. 1) Special Issue on 'Non-Urban Cultures' (The Indigenous, The Folk, The Tribal And The Native) New Delhi.

Seminars/Conferences held

Organised a International Conference on the theme 'Imagining India as a World Power – Asian Politics, the Indian Ocean and Balancing Power'.

Seminars/Conferences attended

Anju Agarwal: Presented a paper on 'Globalisation and Women in Asia, Africa and Latin American: A Critical Analysis' in Brazil, 2011.

Deepa Sharma: 'Voicing of Consumer Grievances: Approach of Insurance Corporates and Public Redress Agencies in India', at the 5th International Consumer Sciences Research Conference on '*Consumer Behaviour for a Sustainable Future*', organised by Faculty of Agriculture, University of Bonn, Bonn, Germany, 18-20 July 2011.

Gitanjali Chawla: Presented a paper titled 'From 'Balle Balle' to Bhangra Rap: The folk invasion from Punjab, India' in NEPCA 2011, a popular culture International Seminar in Western Connecticut state university, Danbury, Connecticut, USA, 11-12 November 2011.

Presented a paper titled 'The impact of the Punjabi folk songs on the Indian Diaspora' at Chotro Four International Conference on Imagining the Intangible: Language, Literature, Visual Arts of the Indigenous held at Vadodara, 6-8 January 2012.

Presented a paper titled From 'Saada Punjab' to 'Mera Pind California, Bohemia': A critical analysis of pop folk at the 35th Indian Folklore Congress on Folklore: Discourse of the indigenous people and the marginalized held at CIIL, Mysore, 22-24 Feb. 2012.

Ritesh Verma: Presented a paper on 'Corporate Governance Practices in Selected Indian Companies' on the topic 'Global Economic Slowdown: Opportunities and Challenges in Asian Countries', IIHM, Bangkok, February 2012.

Deboshmita Paul: Presented a paper entitled 'Inventing the New, Re-defining the Old: Bengali Identities in post-1947 Bangla stories' at International Seminar on Partition of Bengal, Diaspora and Rehabilitation: Quest for a New World View in Literature and Culture in North-East India, organized by the Dept. of Bengali, Assam University, Silchar, 22-24 March 2012.

Mona Verma: Attended and Presented a paper at International Congress on Productivity, Quality, Reliability, Optimization and Modeling 2011 at India Habitat Centre.

Prem Kumari Srivastava: 'Leslie A Fiedler: Rupturing and Re-forming Canons (A Post-colonial Perspective)' in The Fifth International ASAA Conference on 'Vanishing Borders in the Age of Globalism: Austral-Asian Perspectives' organized by Osmania University Centre for International Programmes in collaboration with The Association for the Study of Australia in Asia (ASAA), 12-14 December 2011.

'Knowledge Keepers: Canadian Cinema about the Indigenous' International Conference on 'Gender, Diversity and Cultural Pluralism' organised by Center for Canadian Studies, University of British Columbia, D'Fait Canada and Shastri Indo-Canadian Institute at India International Centre, New Delhi, 17-18 January 2012.

Abha Sharma: Presented a paper on 'Samaj Mein Moolyon Ke Nirdharan Me Sahitya Ki Bhoomika' at a National Seminar on 'Developing Value Conflict Resolution Skills in Students' at IIMT College of Science and Technology, Greater Noida, 25 February 2012.

Rosy Sinha: Presented a paper on 'Violence and Literature: Reflections in the Diasporic writings' at a National Seminar on 'Literature on/of Violence' at R.L.A. College (Eve.), University of Delhi, 15 February 2012.

Publications

Books

Sharma, D. 2011. Consumer Protection and Grievance-Redress in India: A Study of Insurance Industry (LAP LAMBERT Academic Publishing GmbH & Co.KG, Saarbrucken, Germany, pp. 267.

Singh, S. 2011. Published 'Bhasha Vigyan aur Hindi Bhasha' for Hindi (Hons.) II Year, Satish Book Depot, Ed. 2011-12.

Srivastava, P.K., Devi, K. and Devi, P. 2012. Education & Folk Knowledge' Chamba-Achamba: Women's Oral Narratives ed. by Lal, M. and Sukrita, P.K., New Delhi: Sahitya Akademi.

2012. Marriage Rituals' Chapter 9: Bharmour, Chamba-Achamba: Women's Oral Narratives ed. by Lal, M. and Sukrita, P.K., New Delhi: Sahitya Akademi.

Srivastava, P.K. 2011. (Co-author) '*Nothing is actually Romantic!*' *Her Piece of Sky*, an anthology of stories by women writers ed. by Agarwal, D., New Delhi: Zubaan Books.

2012. 'E-Learning: A Postmodern Frontier or a Heterotopia?' Essential Readings for Teachers of English: From Research Insights to Pedagogical Practices ed. by Khanna & Gupta. New Delhi: Orient Blackswan.

Research Articles

Aggarwal, A. 2011. 'India – China and African Oil' in *Indian Journal of African Studies*, Department of African Studies, University of Delhi, Vol. 17, No. 1 & 2.

Bala, N. 2011. 'Analysis of Factors Influencing Agents' Perception towards Life Insurance Corporation of India', *International Journal of Industrial Marketing*, Vol. 1, No. 1, Published by Macrothink Institute, United States (co-author: Dr. H.S. Sandhu).

2011. 'Measuring Life Insurance Service Quality: An Empirical Assessment of SERVQUAL Instrument', *International Business Research*, Vol. 4, No. 4, Published by Canadian Center of Science and Education, Canada (co-authors: Sandhu, H.S. and Nagpal, N.).

2011. 'Customers' Perception towards Service Quality of Life Insurance Corporation of India: A Factor Analytic Approach', *International Journal of Business and Social Science*, Vol. 2, No. 18; Published By Centre For Promoting Ideas, USA (co-author: H.S. Sandhu).

Nandan, S. 2011. Canonical form of Nambu-Poisson Bracket: A Pedestrian Approach, Soni, S.K. and Nandan, S., *Pramana- J. Physics*, Vol. 77(6).

2011. 'The influence of pump beam polarization on the signal beam, in TWM in photorefractive crystals: Transmission geometry' *Optik – International Journal for light and electron optics*, 122: 207-210.

'Analysis of Output Beam Polarization in Higher-order Self Diffraction via Two-wave mixing in BSO Crystal'.

Sharma, D. 2011. 'Corporate Redress System for Insurance Consumers', *HSB Research Review*, Vol. 2, No. 2, pp. 27-34.

2011. 'Dimensions of Consumer Dissatisfaction and Complaining Behaviour: The Insurance Policyholders' Context', *NICE Journal of Business*, Vol. 6, No. 2, pp. 09-26.

2012. 'Consumers' Perception of Complaint-Handling in Insurance Industry', *BIMAQUEST*, Vol. 12, Issue 1, pp. 68-80.

2012. 'Grievance-Redress System for Insurance Consumers-The Approach of Consumer Courts' in *Emerging Perspectives in Consumer Welfare: Twenty Five Years of The Consumer Protection Act (ed.): Indian Institute of Public Administration, New Delhi.*

Srivastava, P.K. 2011. Guest Editor, Special Issue on 'Assessment Evaluation and Testing', Fortell ISSN No: 2229 – 6557 *Journal for Teaching English Language and Literature*, New Delhi, Issue No. 22.

2011. Guest Editor, Fortell ISSN No: 2229 – 6557 *Journal for Teaching English Language and Literature*, New Delhi, Issue No. 21.

(Co-author)" Classroom Observation and Supervision within the ambit of Continual Professional Development 'An Interview with Rod Bolitho, Academic Director of, NILE UK. Fortell (ISSN No: 2229 – 6557) September, 2011, Issue No. 22.

'Unwrapping the trappings of CCE, an Irritant or a Blessing in Disguise?' Interview with Prof. Geetha Durairajan, Fortell, New Delhi, May 2011, Issue No. 21.

'A Systems Inquiry of Bhakti in the Indian Context' *Indian Journal of Social Enquiry* (ISSN No.0974-9012) Maharaja Agrasen College, University of Delhi, Vol. 2, No. 4, February 2012.

'Translation Matters' Book Review of *Poems Come Home* by Sukrita translated by Gulzar, Harper Collins, New Delhi 2011 *Indian Literature* (bi-monthly Journal) Sahitya Akademi issue 267 Jan-Feb. 2012.

Jaggi, C.K., Aggarwal, K.K. and Verma, M. 2012. 'Optimal Retailer's Ordering Policies under Two Stage Partial Trade Credit Financing in a Supply Chain' in *International Journal of Industrial and Systems Engineering*, Vol. 10, No. 3, pp. 277-299.

Jaggi, C.K. and Verma, M. 2011. 'Ordering Policies under Supplier-Retailer Partial trade credit financing' in *OPSEARCH*, Vol. 47, No. 4, pp. 293.

2011. 'An inventory model under two stage partial trade credit Financing without derivatives' in *Proceeding of International Congress on Productivity, Quality, Reliability, Optimization and Modeling (ICPQROM)*.

Jaggi, C.K. Verma, M. and Kausar, A. 2011. 'Customer Based Two Stage Credit Policies in a Supply Chain' in *International Journal of Logistics & Transportation Research*, Vol. 1, No. 2, pp. 1-12.

MAHARSHI VALMIKI COLLEGE OF EDUCATION

Major Activities

The academic year 2011-12 was productive for all of us. Activities were conducted by the College faculty and students focused on a wide variety of issues related to education and training programmes which enhance the potential of this College to prepare future education leaders and help achieve the national education agenda of our country.

The goals and objectives of the MVCOE are closely aligned with the mission of New India and thus has contributed to the mission of the University of Delhi.

Library Development

Total Budget	:	₹ 1,24,000/-
Books added	:	415
Journals subscribed	:	18

Appointments of the faculty members to higher Post/Assignment

Dr. Prabhjot Kulkarni: Member, Governing Council, Punjabi Academy, Govt. of NCT, Delhi; Member, Management Committee, Mirambika Free Progress School and Research Centre, New Delhi; Member, Curriculum Committee, B.Ed. 5 years Programme, Indian Institute of Teacher Education, Gandhi Nagar, Gujarat; Curriculum Committee, Gujarat State Council of Educational Research and Training, Gandhi Nagar, Gujarat; Member, Curriculum Committee, Theatre in Education for Govt. of Tripura, National School of Drama, New Delhi.

Mr. Rakesh Kumar: Member, Writing Team for the book 'Pedagogy of Physical Science', NCERT, New Delhi; Consultant, UNFPA project on 'Integration of life skills in B.Ed. curriculum, University of Rajasthan, Jaipur.

Seminars/Conferences attended

Dr. Prabhjot Kulkarni: Resource Person Teacher Preparation for Future, International Conference on Learning Community for Global Education Reform; AIAER, Institute of Professional Studies, Gwalior, (M.P), 18-20 November 2012.

‘The New Education’, National Seminar on Sri Aurobindo’s Vision on Education, Rama Degree College, University of Lucknow (U.P).

MAITREYI COLLEGE

Major Activities

Maitreyi College, retained excellence in Academics, Sports and Curricular activities. The College hosted a visit of the students from the University of Birmingham for cultural and educational interaction under UKIERI-Study India Programme in September 2011.

Ms. Priyanka Devi, a student of B.Sc. (H) Zoology III year, was selected by the University of Delhi to visit Australia under ‘Global Citizenship Program for Young Leaders’ organized by the Australia India Institute, University of Melbourne in October, 2011. A book of poems ‘2 U From ME’ penned by our student Prajyeeeta Kashyap, B.A.(Hons.) Political Science has been published by Samay Prakashan.

Library Development

Total Budget	:	₹ 19,27,896/-
Books added	:	2,293
Journals subscribed	:	79 Journals and 17 Newspapers

Honours/Distinctions

Dr. Mala Kapur Shankardass: Awarded European Union Fellowship for research in July and August 2011.

Seminars/Conferences attended

Dr. Savita M. Datta: Presented a paper entitled ‘Enhancing mobility of students from UK to India’ co-authored with Dr. Veena Mishra in Going Global, the International Education Conference, held at London, UK, 13-15 March 2012.

Dr. Renuka Kashyap: Participated and Chaired a session in a Global Conference on the theme : ‘In Defence of the Family : Family, Children and Culture’ organized by the Service and Research Institute on Family and Children (SERFAC) at Bangkok in June 2011.

Dr. Mala Kapur Shankardass: Presented a paper at the International Symposium Right to Age: ‘Citizenship, social inclusion and political participation of older people’ at Dijon, France, January 2012.

Dr. Shalini Lumb: Participated in the 3rd International Conference on current development in Atomic, Molecular, Optical and Nano-Physics with applications (CDAMOP-2011), Department of Physics & Astrophysics, University of Delhi, in December 2011.

Dr. Rina Majumdar and Dr. Atika Chandra: Attended a National Workshop in 'Evolutionary Perspective in Modern Biological teaching and Research' organized in May 2011.

Ms. Shikha Malik: Attended the National Conference on Knowledge Management in May 2011.

Mr. Promod Kumar Singh: Presented a paper titled 'जैनदर्शनेप्रमाणस्वरूपम्' in 15th World Sanskrit Conference, held at Vigyan Bhavan, New Delhi in January 2012.

Publications

Research Articles

Shankardass, M.K. 2011. 'Policy Initiatives on Population Ageing in Select Asian countries & Their Relevance to the Indian Context' (United Nations Population Fund (UNFPA), December 2011.

2011. 'Abuse of Older Women, Gender Violence & Strategies for Action with special reference to India', United Kingdom.

NEHRU HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

Library Development

Total Budget	:	₹ 1,00,000/-
Books added	:	176
Journals subscribed	:	6

Honours/Distinctions

Dr. Anu Kapoor: Certificate received at the International 66th, World Homoeopathic Congress of LHMI for Presentation of Scientific Paper 'Experiences with Neavy Type Boreland Remedies.

Dr. Seema Rai: Received Certificate for presenting a paper on 'Research Study on Homoeopathic Management of urinary tract calculi'.

Seminars/Conferences attended

Dr. Seema Rai: Presented a paper on 'Research Study on Homoeopathic Management of urinary tract calculi' in LIGA 2011- 66th World Homoeopathic Congress conducted, 1-4 December 2011.

Dr. George Methew: Presented a paper on 'Homoeopathic Management of Chikunguniya & Post Chikunguniya Chronic Arthritis- a Clinical study conducted in the OPD of Nehru Homoeopathic Medical College & Hospital' in LIGA 201, 166th World Homoeopathic Congress, 1-4 December 2011.

Resource person/Expert for National Seminar on 'Value of Rasayana Drugs along with single Drug Therapy as an Immunomodulator' at Old Guest House, NEHU Campus, Shillong organized by NEIAH, 20 March 2012.

Dr. Vandana Chopra: Published an article titled 'Lichen Plant' in Souvenir SDHA Chronicle. (Sept, 17 & 18 issues 2011).

Presented a poster titled clinical Research in Psoriasis in LIGA 2011-66th World Homoeopathic Congress conducted, 1-4 December 2011.

Presented a poster titled clinical Research in 'Lichen Plants' in LIGA Conference 2011, in December 2011.

Dr. Bipin Jethani: Participated in International Conference 66th, 'World Homoeopathic Congress of LHMI (Liga Medicorum Homeopathic International) held at Siri Fort Auditorium, New Delhi, 1-4 Dec. 2011.

Participated in National Conference National Homoeopathic Congress Kent memorial Lectures- 2011 held at PH.D House, New Delhi on 17-18 September 2011.

Participated in XXII National Homoeopathic congress of IIHP held at India Islamic Cultural Center, New Delhi, 5-6 November 2011.

Dr. Anu Kapoor: Liga Medicorium International, 66th World Homoeopathic Congress of LMHI in Delhi, 2011.

Author & Speaker of paper on Experiences with Navy Type Boreland Remedies in International 66th 'World Homoeopathic Congress of LHMI for Presentation of Scientific Paper 'Experiences with Navy Type Boreland Remedies.

Dr. Neeraj Gupta: Participated in 66th LIGA Conference held at New Delhi in December 2011 as a Resource Person & Presented a paper on 'four year Homoeopathic Clinical Trial on Autism Spectrum Disorder'.

National Conference as 'Scientific writing in Homoeopathy' at Greater Noida, 1-3 March 2012.

National Conference as 'Good Clinical Practices & Biostatics' at Guwahati, 5-6 March 2012.

Dr. Rashmi Choudhary, Dr. Bipin Jethani and Dr. Meena Pal: Attended the 66th LIGA International Conference held at New Delhi in December 2011.

Dr. Mohit Mathur: Participated in Kent memorial Lectures-2011, a National Seminar organized by South Delhi Homoeopathic Association.

Dr. V. Chopra: Presented a poster titled clinical Research in Psoriasis in LIGA 2011-66th World Homoeopathic Congress conducted, 1-4 December 2011.

Presented a poster titled clinical Research in 'Lichen Plants' in LIGA Conference 2011, in December 2011.

Publications

Books

Chopra, V. Published an article titled 'Lichen Plant' in *Souvenir SDHA Chronicle*. (Sept, 17 & 18 issues 2011).

Articles

Kapoor, A., Korey, N. and Manchanda, R.K. 2011. 'Experiences with Neavy Type Borland Remedies'.

2011. Analysis of Borland's Children Type I.

Research Papers

Mathur, M. 2011. Hahnemann's theory of miasmas- its evolution and present day perspective. *Homeo Times*, Vol. 8, Issue 6: 5-10.

Jethani, B. 2011. Evidence Based case studies in Dermatology. *National Kent Memorial Lectures Souvenir*, pp. 105-106.

2011. Evidence Based case studies applying lesser know indications of polychrest remedies 66th World Homoeopathic Congress of *LMHI Souvenir*, Vol. 51.

Jethani, B. and Jethani, A. 2011. Success stories with LM Scale of potencies: Evidence based case studies. XXII National Homoeopathic Congress of *IIHP Souvenir*, pp. 93-99.

Korey, N., Kapoor, A. and Manchanda, R.K. (2nd author) LIGA 2012. Analysis of Borland's Children's Type-I.

(as 2nd author) LIGA 2011, 'Experiences with Neavy Type Borland Remedies'.

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

Library Development

Total budget	:	₹ 1,56,44,952/- (Plan)
		₹ 59,276/- (Non-Plan)
Books added	:	15557
Journals subscribed	:	4378

Honours/Distinctions

Prof. Raj Senani: Chosen as the Second Laureate of the 25th Khwarizmi International Award, for his Excellence and Dedication in carrying out Fundamental Research on the 'Synthesis and Design of Analog Filters, Oscillators and Simulated Impedances using Modern Electronic Circuit Building Blocks' IROST. The award was given to him by the President of Iran Dr. Mehmoūd Ahmedinajad, at Tehran, 5 February 2012.

Seminars/Conferences attended

S. Chand and H. Om: Timely delivery of video data in staircase scheme 2012 National Conference on Communications, NCC 2012.

N. Garg, J.S. Lather and S.K. Dhurandher: A model based on context discussions for locationing mobile user Proceedings of the WICT 2011.

R. Srivastava, U. Singh and M. Gupta: Analog circuits for Gaussian function with improved performance Proceedings of the WICT 2011.

J. Luthra and S.K. Pal: A hybrid Firefly Algorithm using genetic operators for the cryptanalysis of a monoalphabetic substitution cipher Proceedings of the WICT 2011.

S. Arora and S. Chakravarty: A parallel approach to context-based term weighting Proceedings of the WICT 2011.

V. Gupta, P.N. Agrawal and D.K. Verma: On discrete q-beta operators Annali dell'Universita di Ferrara.

K. Gupta, R. Sridhar, J. Chaudhary, N. Pandey and M. Gupta: Performance comparison of MCML and PFSCl gates in 0.18 m CMOS technology, 2nd ICCCT-2011.

S. Sabharwal, R. Sibal and C. Sharma: A genetic algorithm based approach for prioritization of test case scenarios in static testing, 2nd I ICCCT-2011.

S.C. Tiwari, K. Singh and M. Gupta: Design and development of circuit optimizer using Tcl and SPECTREMDL (SPICE) interface Proceedings of the WICT 2011.

A novel methodology for flip-flop optimization and characterization in NOC design space Proceedings of the WICT 2011.

A high performance flip flop for low power low voltage systems Proceedings of the WICT 2011.

S.C. Tiwari, A. Gupta, K. Singh and M. Gupta: Logical effort based automated transistor width optimization methodology Proceedings of the WICT 2011.

P. Varshney: Evaluation and comparison of integer-order approximations for fractional integrators for application to fractional-order Chua systems, IEEE, ICSIPA 2011.

S. Srivastava, A. Manaktala, K. Sadhwani and M. Gupta: On comparing the performance of Genetic Algorithm optimized PI and fractional order PI controller for power quality enhancement, ICPS 2011.

A. Gupta: Standardizing synthetic information in privacy enforced lure message, IMPACT 2011.

A. Kumar and S. Chakarverty: Design optimization using Genetic Algorithm and Cuckoo Search IEEE International Conference on Electro Information Technology.

Design optimization using Genetic Algorithm and Cuckoo Search IEEE International Conference on Electro Information Technology.

R. Sharma and M.T.J. Spaan: Fuzzy reinforcement learning control for decentralized partially observable Markov decision processes IEEE International Conference on Fuzzy Systems.

A. Bhardwaj, P. Arjunan, A. Singh, V. Naik, P. Singh: MELOS: A low-cost and low-energy generic sensing attachment for mobile phones MobiSys'11 - Compilation Proceedings of the 9th International Conference on Mobile Systems, Applications, and Services and Co-located Workshops - NSDR 2011 Workshop, NSDR'11.

S. Arora and S. Chakravarty: A parallel approach to context-based term weighting Proceedings of the WICT 2011.

A. Gupta, R.K. Dalal, R. Gupta and P. Wadhwa: DGW-canny: An improvised version of Canny edge detector 2011 International Symposium on ISPACS 2011.

C. Sharma, S. Gupta and V. Kumar: Modeling and simulation of heat exchanger used in soda recovery Proceedings of the WCE 2011.

Publications

Rastogi, M., Arora, A. and Hote, Y.V. Design of fuzzy logic based PID controller for an unstable system Communications in *Computer and Information Science*, Vol. 157.

Senani, R. and Gupta, S.S. Current-mode universal biquad using current followers: A minimal realization Radioengineering, Vol. 20, p. 4.

Gupta, K., Sridhar, R., Chaudhary, J., Pandey, N. and Gupta, M. 2011. New low-power tristate circuits in positive feedback source-coupled logic, *Journal of Electrical and Computer Engineering*.

Sabharwal, S., Singh, S.K. and Gupta, J.P. 2011. Deriving system complexity metric from events and its validation International *Journal of Software Engineering and Knowledge Engineering*, Vol. 21, p. 8.

Agarwal, V. 2011. Trajectory planning of redundant manipulator using fuzzy clustering method International *Journal of Advanced Manufacturing Technology*.

- Gal, S.G. and Gupta, V. 2011.** Quantitative estimates for a new complex Durrmeyer operator in compact disks *Applied Mathematics and Computation*, Vol. 218, p. 6.
- 2011.** Approximation by a Durrmeyer-type operator in compact disks *Annali dell'Universita di Ferrara*, Vol. 57, p. 2.
- Jena, J. 2011.** Self-similar solutions in a plasma with axial magnetic field (?-pinch) *Meccanica*.
- Gosain, A., Sabharwal, S. and Nagpal, S. 2011.** Assessment of quality of data warehouse multidimensional model *International Journal of Information Quality*, Vol. 2, p. 4.
- Gupta, V. and Deo, N. 2011.** A note on improved estimations for integrated Szász-Mirakyan operators *Mathematica Slovaca*, Vol. 61, p. 5.
- Rana, A., Thakur, O.P. and Kumar, V. 2011.** Effect of Gd³⁺ substitution on dielectric properties of nano cobalt ferrite *Materials Letters*, 65: 19-20.
- Kumar, S. and Chand, S. 2011.** New pixel based approach for reverse play of MPEG video for streaming system *Signal Processing: Image Communication Signal Processing: Image Communication*, 26: 8-9.
- Mahmudov, N. and Gupta, V. 2011.** On certain q-analogue of Szász Kantorovich operators *Journal of Applied Mathematics and Computing*, 37: 1-2.
- Gupta, V. and Aral, A. 2011.** Approximation by q-Baskakov-Beta operators *Acta Mathematicae Applicatae Sinica*, Vol. 27, p. 4.
- 2011.** Some approximation properties of q-Baskakov-Durrmeyer operators *Applied Mathematics and Computation*, Vol. 218, p. 3.
- Beri, N., Maheshwari, S., Sharma, C. and Kumar, A. 2011.** Multi-objective parametric optimisation during electrical discharge machining of Inconel 718 with different electrodes *International Journal of Materials Engineering Innovation*, Vol. 2: pp. 3-4.
- Rawat, T.K. 2011.** 'Analog least mean phase adaptive filter in stochastic differential equation formalism AEU'. *International Journal of Electronics and Communications*, Vol. 65, p. 10.
- Bharti, P.S., Maheshwari, S. and Sharma, C. 2011.** Neural-network- based modeling of electric discharge machining process *Advances in Intelligent and Soft Computing*, Vol. 87.
- Srivastava, R., Gupta, J.R.P. and Parthasarathy, H. 2011.** Enhancement and restoration of microscopic images corrupted with poisson's noise using a nonlinear partial differential equation-based filter *Defense Science Journal*, Vol. 61, p. 5.
- Sengar, S., Joshi, S.D. and Prasad, S. 2011.** Transceiver design and performance analysis of space time coded fractal modulation *Wireless Personal Communications*, Vol. 60, p. 2.

- Rana, K.P.S. 2011.** Fuzzy control of an electrodynamic shaker for automotive and aerospace vibration testing *Expert Systems with Applications*, Vol. 38, p. 9.
- Gupta, A., Dutta, S. and Mangla, V. 2011.** Malware attacks on smartphones and their classification based detection *Communications in Computer and Information Science*, Vol. 168.
- Chakraverty, S., Gupta, A., Goyal, A. and Singal, A. 2011.** Data mining on grids *Communications in Computer and Information Science*, Vol. 168.
- Gupta, B.B., Agrawal, P.K., Mishra, A. and Pattanshetti, M.K. 2011.** On estimating strength of a DDoS attack using polynomial regression model *Communications in Computer and Information Science*, Vol. 193, p.4.
- Kumar, A., Maheshwari, S., Sharma, C. and Beri, N. 2011.** Analysis of machining characteristics in additive mixed electric discharge machining of nickel-based super alloy inconel 718 *Materials and Manufacturing Processes*, Vol. 26, p. 8.
- Nowak, G. and Gupta, V. 2011.** The rate of pointwise approximation of positive linear operators based on q-integer *Ukrainian Mathematical Journal*, Vol. 63, p. 3.
- Aral, A. and Gupta, V. 2011.** Generalized q-Baskakov operators *Mathematica Slovaca*, Vol. 61, p. 4.
- Gupta, S.S., Bhaskar, D.R. and Senani, R. 2011.** New analogue inverse filters realised with current feedback op-amps *International Journal of Electronics*, Vol. 98, p. 8.
- Bansal, M., Srivastava, R., Lal, C., Kamalasanan, M.N. and Tanwar, L.S. 2011.** Morphological, optical and electrical characterization of solution processed mwntpedot:PSS nanocomposite *International Journal of Modern Physics B*, Vol. 25, p. 19.
- Gupta, J., Gosain, A. and Nagpal, S. 2011.** Empirical validation of object oriented data warehouse design quality metrics *Communications in Computer and Information Science*, Vol. 198.
- Gupta, V. 2011.** Approximation Properties by Bernstein-Durrmeyer Type Operators *Complex Analysis and Operator Theory*.
2011. Approximation for summation-integral type Beta-Szász operators Lobachevskii *Journal of Mathematics*, 32-3.
- Jena, J. 2011.** An algorithm for solutions of linear partial differential equations via Lie group of transformations *Applied Mathematical Sciences*, Vol. 5, pp. 25-28.
- Gupta, M., Jain, M. and Kumar, B. 2011.** Recursive wideband digital integrator and differentiator *International Journal of Circuit Theory and Applications*, Vol. 39, p.7.
- Lahiri A., Jaikla W. and Siripruchyanun M. 2011.** Explicit-current-output second-order sinusoidal oscillators using two CFOAs and grounded capacitors *AEU - International Journal of Electronics and Communications*, Vol. 65, p.7.

- Lahiri, A. 2011.** Current-mode variable frequency quadrature sinusoidal oscillators using two CCs and four passive components including grounded capacitors: A supplement Analog Integrated Circuits and Signal Processing, Vol. 68, p.1.
- Kumar Y., Gaur P., Jha, S.K., Gupta J.R.P. and Mittal A.P. 2011.** Optimal speed control of hybrid electric vehicles, *Journal of Power Electronics*, Vol. 11, p.4.
- Kumar V., Rana K.P.S. and Sinha A.K. 2011.** Design, performance, and stability analysis of a formula-based fuzzy PI controller *International Journal of Innovative Computing, Information and Control*, pp. 7-7B.
- Srivastava R., Gupta J.R.P. and Parthasarathy H. 2011.** A non-linear complex diffusion-based edge and structure preserving zooming technique for MRI and ultrasound images *International Journal of Biomedical Engineering and Technology*, Vol. 6, p.2.
- Srivastava R., Gupta J.R.P., Parthasarathy H. and Srivastava S. 2011.** An adaptive non-linear PDE-based speckle reduction technique for ultrasound images *International Journal of Biomedical Engineering and Technology*, Vol. 6, p. 3.
- Gupta, M. and Pandey, R. 2011.** Low-voltage FGMOS based analog building blocks *Microelectronics Journal*, Vol. 42, p. 6.
- Gupta, S.S., Bhaskar, D.R., Senani, R. and Singh, A.K. 2011.** Synthesis of linear VCOs: The state-variable approach *Journal of Circuits, Systems and Computers*, Vol. 20, p. 4.
- Gupta, V. and Kim, T. 2011.** On the rate of approximation by q modified Beta operators *Journal of Mathematical Analysis and Applications Journal of Mathematical Analysis and Applications*, Vol. 377, p. 2.
- Gupta, M., Varshney, P. and Visweswaran, G.S. 2011.** Digital fractional-order differentiator and integrator models based on first-order and higher order operators *International Journal of Circuit Theory and Applications*, Vol. 39, p. 5.
- Singh, A.K., Senani, R., Bhaskar, D.R. and Sharma, R.K. 2011.** A new electronically-tunable active-only universal biquad *Journal of Circuits, Systems and Computers*, Vol. 20, p. 3.
- Bansal, M., Lal, C., Srivastava, R., Kamalasanan, M.N. and Tanwar, L.S. 2011.** Simultaneous synthesis of multi-walled carbon nanotubes, graphitic rod-like structures and rose petal-like structures via a one-step water-assisted method *Fullerenes Nanotubes and Carbon Nanostructures*, Vol. 19, p. 4.
- Pathak, J.K., Singh, A.K. and Senani, R. 2011.** Systematic realisation of quadrature oscillators using current differencing buffered amplifiers *IET Circuits, Devices and Systems* Vol. 5, p. 3.
- 2011.** Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 6588-2.

- Padhariya, N., Mondal, A. and Goyal, V.** Audio watermarking based on quantization index modulation using combined perceptual masking, *Multimedia Tools and Applications*.
- Varshney, P., Gupta, M. and Visweswaran, G.S.** Switched capacitor realizations of fractional-order differentiators and integrators based on an operator with improved performance, *Radioengineering*, Vol. 20, p. 1.
- Gupta, V. and Sharma, H.** Recurrence formula and better approximation for q-Durrmeyer operators *Lobachevskii Journal of Mathematics*, Vol. 32, p. 2.
- Pawar, R., Saini, J.S., Gopal, M. and Mittal, A.P.** Towards generalized expression for schemata count *Applied Soft Computing Journal*, Vol. 11, p. 2.
- Chopra, N., Agarwal, S., Verma, S., Bhatnagar, S., Bhatnagar, R., Chopra, N., Agarwal, S. and Verma, S.** Modeling of the structure and interactions of the B. anthracis antitoxin, MoxX: Deletion mutant studies highlight its modular structure and repressor function *Journal of Computer-Aided Molecular Design*, Vol. 25, p. 3.
- Niranjan, V., Gupta, M. and Prakash, N.** Subthreshold Schmitt trigger using body-bias technique for ultra low power and high performance applications *Russian Microelectronics*, 40-2.
- Visweswaran, G.S., Varshney, P. and Gupta, M.** New approach to realize fractional power in z-domain at low frequency *IEEE Transactions on Circuits and Systems II: Express Briefs* *IEEE Transactions on Circuits and Systems II: Express Briefs*, 58-3.
- Arora, A., Hote, Y.V. and Rastogi, M.** Design of PID controller for unstable system *Communications in Computer and Information Science*, Vol. 140.
- Srivastava, S., Sukumar, V., Bhasin, P.S. and Kumar, D.A.** A laboratory testbed for embedded fuzzy control *IEEE Transactions on Education*, Vol. 54, p. 1.
- Bhatnagar, S., Mishra, S. and Pathak, R.** Mining human genome for novel purinergic P2Y receptors: A sequence analysis and molecular modeling approach *Journal of Receptors and Signal Transduction*, Vol. 31, p. 1.
- Gupta, V. and Deo, N.** A note on rate of approximation for certain Bézier-Durrmeyer operators A note on rate of approximation for certain *Matematicki Vesnik*, Vol. 63, p. 1.
- Singh, M., Srivastava, S., Hanmandlu, M. and Gupta, J.R.P.** Design of interval networks based on neural network and Choquet integral *Applied Soft Computing Journal*, Vol. 11, p. 1.
- Yaduvanshi, R.S. and Parthasarathy, H.** Exact solution of magneto-hydrodynamic system with Non Linearity analysis *Journal of Theoretical and Applied Information Technology*, Vol. 23, p. 2.
- Mittal, R., Bhattacharya, I. and Bhatia, M.P.S.** 'Innovative framework for data structure using design pattern', *Advances in Intelligent and Soft Computing*, Vol. 131, p. 2.

- Gupta, M. and Singh, U.** A new flipped voltage follower with enhanced bandwidth and low output impedance *Analog Integrated Circuits and Signal Processing*.
- Herencsar, N., Lahiri, A., Vrba, K. and Koton, J.** An electronically tunable current-mode quadrature oscillator using PCAs, *International Journal of Electronics*, 99-5.
- Bansal, A. and Garg, P.** An Analytical Approach to Outage Analysis and Critical Cooperation Ratio in Coded Cooperation Wireless Personal Communications.
- Sharma, S. and Agrawal, N.** Application of fuzzy techniques in a multistage manufacturing system *International Journal of Advanced Manufacturing Technology*, 60: 1-4.
- Tushir, M., Srivastava, S. and Arya, Y.** Application of hybrid fuzzy PID controller for three-area power system with generation rate constraint *International Journal of Energy Technology and Policy*, Vol. 8, p. 2.
- Gupta, A., Senani, R., Bhaskar, D.R. and Singh, A.K.** OTRA-based grounded-FDNR and grounded-inductance simulators and their applications *Circuits, Systems, and Signal Processing*, Vol. 31, p. 2.
- Verma, D.K., Gupta, V. and Agrawal, P.N.** Some approximation properties of Baskakov-Durrmeyer-Stancu operators *Applied Mathematics and Computation*, Vol. 218, p. 11.
- Mahmudov, N.I. and Gupta, V.** Approximation by genuine Durrmeyer-Stancu polynomials in compact disks *Mathematical and Computer Modelling*, Vol. 55, pp. 3-4.
- Rathee, A. and Parthasarathy, H.** Perturbation-based fourier series analysis of transistor amplifier *Circuits, Systems, and Signal Processing*, Vol. 31.
- Garg, A., Toor, A., Thakkar, S., Goel, S., Maheshwari, S. and Chand, S.** The Autotrix: Design and implementation of an autonomous urban driving system *Advanced Materials Research* *Advanced Materials Research*, pp. 403-408.
- Aral, A. and Gupta, V.** On the qanalogue of Stancu-Beta operators *Applied Mathematics Letters*, Vol. 25.
- Kukreja, A., Chopra, P., Aggarwal, A. and Khanna, P.** Statistical modeling approach for optimization of a Stationary Hook Hopper *Applied Mechanics and Materials*, pp. 110-116.
- Agarwal, V. and Wadhwa, R.S.** Neural network approach to robot motion control *Advanced Materials Research*, pp. 403-408.
- Gal, S.G. and Gupta, V.** Approximation by certain integrated Bernstein-type operator in compact disks *Lobachevskii Journal of Mathematics*, Vol. 33.
- Thakkar, S., Garg, A., Midha, A. and Gaur, P.** Low-cost teleoperation of remotely located actuators based on Dual Tone Multi-Frequency data transfer, pp. 403-408.

Gupta. A. and Goel. P. ST-Gait: A framework for human identification using structural and transitional characteristics of gait *Advanced Materials Research*, pp. 403-408.

Govil. N.K. and Gupta. V. Q-Beta-Szász-Stancu operators *Advanced Studies in Contemporary Mathematics (Kyungshang)* 22.

Gupta. A., Garg. R. and Suri. S. Sa-oiliness: A system to measure oiliness of distant subject using image processing *Advanced Materials Research*, pp. 403-408.

Bharti. P.S., Maheshwari. S. and Sharma. C. Multi-objective optimization of die-sinking electric discharge machining *Applied Mechanics and Materials*, pp.110-116.

Kumar. A., Maheshwari. S. and Sharma. C. Effect of cryogenically treated electrode during AEDM of nickel based super alloy 718 for surface quality improvement *Advanced Materials Research* 410

Kukreja. A., Monga. A. and Khanna. P. Investigation of process capability of a reaming operation using statistical tools *Applied Mechanics and Materials*, pp.110-116.

P.G.D.A.V. COLLEGE

Libaray Development

Total Budget	:	₹ 10,00,000/-
Books added	:	1549
Journals subscribed	:	70

Seminars/Conferences attended

Dr. Shuchi Pahuja: Presented paper on Accounting for the Environment: Emerging issues and need for a Global Accounting Standard in the International Conference on Environmental Law organized in Law Faculty, University of Delhi.

Presented paper Grce Audit Genesis and Evolution in the National Conference organized by Institute of Chartered Accountant of India.

Dr. Kusum Lata Chaddha: Presented paper on Strategies for Peace Education in National Conference on Peace Education orgained by Gandhi Smriti Avan Darshan Samiti.

Dr. Mukesh Agarwal: Presented a paper on 'Book Culture in Present Scenerio' in National Seminar organized by A.G.I. and National Book Trust in Goa.

Dr. D.K. Jha: Presented paper on 'Sanskrit Granthon Me Manvadhikar in National Seminar organized by Department of Oriental, University of Kashmir, Hazratbal, J&K.

Dr. V.Agrawal: Does She Sing Her Own Song: Selfhood in Emilia in Othello. International Seminar 'Subalterns in Shakespeare: A Post- Postcolonial Scrutiny', Shakespeare Association of India and St Bede's College, Shimla, 22-24 September 2011.

Does Emilia Sing Her Own Song?: Filmed Emilia's Selfhood in Othello. National Seminar 'Shakespeare and Film', Shakespeare Society of India and IIS University, Jaipur, 13-15 October 2011.

Publications

Agrawal, V. 2012. A Well Wrought Urn: Content and Form in Sushil's Gupta's *The Fourth Monkey*. In 21st Century Indian Novel (ed.) Batra, J., 206-215, New Delhi: Prestige Books International.

Jha, D.K. 2012. *Anushasan parva, saptam Adhyay*, Delhi: Vidyanidhi Prakashan.

Bhanu Murthy, K.V. and Phoolchand. 2012. Empliment and Capital formation in private and Public Sector- A policy period Analysis. *The Horizon – A Journal of Social Science*. Vol. III; 29-40.

2011. *Regime and Current Account Balance in India – Study of Three of India* (ed) Aggrawal, G.P. etc. 86-104, Delhi: Wisdom Publication.

Kain, M.K. 2011. *Sahityakaar Mohan Rakesh*, Delhi: Shri Natraj Publication.

Arora N.D. and Awasthy S.S. 2012. *Introduction to Polictal Theory*, Har Anand Publication Ltd.

Pahuja, S. 2012. Accounting for Carbon. *Social Responsibility Review*, UK: 27-34.

2012. Accounting and Assurance. In Abstracts of 34th All India Conference and International Seminar of Indian Accounting Association, Jaipur.

2012. *Guide on Environmental Audit* for the Institute of Chartered Accountants of India.

P.G.D.A.V. COLLEGE (EVENING)

Library Development

Total Budget	:	₹ 4,06,000/-
Books added	:	714
Journals subscribed	:	45

New Additions

Dr. Vipin Pratap Singh - English

Seminars/Conferences held

Two day National Conference on Istri Sahitya ka Sondraya Shastra Aur Hindi Sahitya.

One day International Conference – Patrakarita Ka Badalta Swaroop Aur New Media.

Seminars/Conferences attended

Dr. Subhendu Ranjan Raj: Attended the International Conference on 'India-Nepal dialogue on federalism' at Centre for Multi-Level Federalism, Institute of Social Sciences, New Delhi.

Geeta Ahuja: Attended an International Seminar on 'Whither Global Capitalism', organized by International Development Economics Associates at the Jawaharlal Nehru University, New Delhi, 28-29 January 2012.

Pratap Singh and Dr. Vipin: Attended National Conference, 'The Dalit Experience and the question of Marginality', Department of English, Delhi University.

Dr. Parmod Kumar Sethi: Co-Chairperson of the scientific session and presented a research paper as Co-author in the UGC sponsored International Conference on 'Physical Activities and Sports for Global Peace and Development' organized by Department of Physical Education & Sports Sciences and Indira Gandhi Institute of Physical Education & Sports Sciences at Delhi University, 19-21 October 2011, ISBN No. 978-81-902282-0-6.

Publications

Sethi, P.K. 2011. Research Paper Publish on 'Pre-Competition Activity in Weightlifting' in *Journal of Health and Sports Sciences*, Vol. 4, No. 2, New Delhi, India, ISSN No. 0975-4563.

Prabhakar, J. 2011. Shshi Deshpande and the Question of Morality: A critique. *Indian Ethos.*, Vol. I, No.1: 141-157. ISSN 2249-4324.

Edited Book

Raj, S.R. and Singh, M.P. 2012. *'The Indian Political System'*, New Delhi: Pearson Books, ISBN No. 978-81-317-6124-3.

Chaudhary, B.N. (eds) Chaudhary, B.N. and Kumar, Y. *'Bhartiya Shasan Aur Rajniti'*, Delhi: Orient Backswan.

Articles

Raj, S.R. 2012. 'India's Environmental Policy' in Raj, S.R. and Singh, M.P. – *'The Indian Political System'*, New Delhi: Pearson Books, pp. 200-212.

2012. 'India and China: A Comparative Study of Human Rights' in Raj, S.R. and Singh, M.P. – *'The Indian Political System'*, New Delhi: Pearson Books, pp. 280-298.

Raj, S.R. and Sharma, S. 2012. 'Worker's Issues in India' in Raj, S.R. and Singh, M.P. – *'The Indian Political System'*, New Delhi: Pearson Books, pp. 139-155.

PANDIT DEENDAYAL UPADHYAYA INSTITUTE FOR THE PHYSICALLY HANDICAPPED

Library Development

Books added : 11506
Journals subscribed : 442

Seminars/Conferences held

The Prosthetic & Orthotic department conducted a National level Seminar on Bionic Hands in collaboration with Endolite India Pvt. Ltd. Delhi in the Institute.

Seminars/Conferences attended

Faculty of P&O participated in International Conference on Global Commitments towards inclusive Development of Persons with Disabilities held in New Delhi.

RAM LAL ANAND COLLEGE

Library Developments

Total budget : ₹ 3,50,000/-
Books added : 1572
Journals subscribed : 55 + 14 Newspapers

Seminars/Conferences attended

Dr. Vijay K. Sharma: Presented a paper on 'Diaspora in South Asian North American Literature' in the All India English Teacher's Conference held at Bareilly.

Chaired the Innagwal Session in the National Seminar on at Indore in February 2012.

Chaired the Valedictory session in the International Seminar on Myth, Ovality and Literature held at SMUDU, Katra in March 2012.

Dr. Triranjana Raj: Presented paper on 'Different Models of Cultural Flow in the Discipline' in two days National Seminar on 'State of the Discipline' organized by Department of Political Science, Chaudhary Charan Singh University, Meerut, 30-31 March 2012.

Dr. N.K. Pandey: Participated in an International Seminar on The Cross Cultural Migration of Pancatantra and its relevance in contemporary world on 15-16 December, 2011, organized by Department of Sanskrit, University of Delhi South Campus in collaboration with IR Iran House, New Delhi.

Publications

Sharma, V.K. 2012. 'More Light' New Delhi: *Indian Journal of English studies*, Vol. XLVII, pp. 246-49.

'A Course in Academic Writing', *Illuminati: A Transnational Journal of Literature, Language and Cultural Studies*, Vol. 2, 2011, pp. 128-30.

RAM LAL ANAND COLLEGE (EVENING)

Major Activities

Business Economics Society during inter-semester break organized a 10-day Team Building Programme 'ROISTER'. More than 500 students from 7 colleges of Delhi University participated and learnt not only the art of working in a team and accomplishing a task but also how to lead a team having different strengths and weaknesses.

Library Development

Total Budget	:	₹ 6 lakh
Books added	:	1399
Journals subscribed	:	31

New Additions

Shri Rajiv Kumar Ranjan - Assistant Professor.

Seminars/Conferences held

English Literary Society organized a National Seminar on 'Literature on/of Violence'. It was an inter-disciplinary Seminar, the keynote address of which was delivered by Prof. Maya Shankar Pandey of Banaras Hindu University.

National Seminar 'Indian Republic @ 60s : Appraisal from the Margin' was held with support from the ICSSR. Distinguished academics and scholars from all over the country participated. The keynote address was delivered by Prof. Gopal Guru (CPS, JNU) that set the tone for the entire Seminar.

Seminars/Conferences attended

Dr. Manoj Sinha: Presented a paper on 'Governance in Contemporary India: Does Civil Society Matter?' at an International Seminar on 'Civil Society in the Era of Globalisation' at Rajiv Gandhi Chair for Contemporary Studies, University of Allahabad. He participated in a one-day National Symposium on 'Rise in Civil Society : Participative Democracy or Anarchic Dictatorship' at IIPA, Delhi. He also participated in a Round Table on 'Imagining India as a World Power' in International Conference at Maharaja Agrasen College, DU.

Shri Satish Kumar Jha: Presented a paper on 'Thinking beyond inclusion-Conjunctions and Disjunctions in the ideas of Gandhi, Ambedkar and Nehru' in a National Seminar held at Goa University.

Dr. Harish S. Wankhede: Presented a paper on 'Justice as Fairness: Revisiting the Idea of Social Justice in India' at an International Conference on 'South Asia in Transition' organised by Sociology Department, Oxford University, UK and another paper on 'Ambedkar and the Ideas of Social Justice' at a National Conference on 'Interrogating Discourses: Ambedkar and Discursivity' organised by Ambedkar Study Centre, University of Pune.

Dr. B. Mangalam: Presented a paper on 'Violence and Dalit Literature' at the National Seminar.

Dr. Devender Singh: Attended an International Conference on 'Gender Diversity and Cultural Pluralism: Canada and India' at New Delhi.

Coordinated a National Seminar on Literature on/of Violence organized by the Department of English of the College.

Dr. Rajesh Kumar: Attended International Conference on Tourism at the College of Vocational Studies.

Publications

Sinha, M. 2012. *Samkaleen Bharat*. Delhi: Orient Blackswan.

Saraswat, M.M. 2011. Delhi: Mohan Satsai. Manishi Prakashan.

RAJKUMARI AMRIT KAUR COLLEGE OF NURSING

Library Development

Total Budget	:	₹ 9,30,000/-
Books added	:	169
Journals subscribed	:	29

Seminars/Conferences held

Conducting Workshops for the Nurses of various Government Hospitals in Delhi twice a month. The faculty members of RAK College of Nursing are also participating in the same in the capacity of Resource Persons, Speakers and also as participants.

RAMJAS COLLEGE

Major Activities

DBT star college project in this year undertaken four projects students of college and neighboring college in different fields of biotechnology. Under this programme, college organized four Workshops has been conducted in different field of science entitled 'Techniques in Electron Microscopy', 'Basic Techniques in Biotechnology', 'Analytical Chemistry' (Bridging Chemistry and Biotechnology) and 'Genomics'.

A number of students from USA under the programme with the International Education Services (IES) studied in Ramjas College during 2011-12.

Honours/Distinctions

Ms. Rupali Sapra, Ms. Neelam Singh, Mr. Samar Singh Rathore and Mr. Devi Lal: Awarded Ph.D. Degree.

Seminars/Conferences attended

Dr. Mohan Chand: Attended 2-day International Seminar on 'Cross culture migration of Pancatantra and its relevance'.

Dr. Amit Kumar Sharma: Presented one paper In 48th Annual Convention of Chemists-2011 and Celebration of the International Year of Chemistry' (Indian Chemical Society), held on 3-7 December 2011 at Allahabad University.

Dr. Amit Bhattacharya: Presented two research papers at International Conferences on Vector Borne Diseases and Antivirals for Developing World.

Mr. Anand Pushker: Presented poster of research work in a Conference on Wolbachia at Asilmore, USA and in Association of Microbiologists of India.

Publications

Chand, M. Published articles related to Indian Culture in National Newspaper.

Bimlesh Lochab, et. al. published one paper in J. Therm. Anal. and Calorimetry and presented one paper naming 'Applications of Nanotechnology: A Reality', Maitreyi College, University of Delhi.

Mehta, S. Published a paper in the *Journal of Chemical Education*'.

RAMANUJAN COLLEGE

Library Development

Total budget	:	₹ 5.5 lacs
Books added	:	1253
Journals subscribed	:	24

Seminar/Conference held

International Seminar on 'Restoring Culture of ethics & values: The holistic education way' was organized by college in association The Indian Baha'i' Community, 8-11 February 2012.

Seminars/Conferences attended

Dr. Rajendra Prasad: Presented a paper on 'Insurance Sector Reforms' in National Seminar organized by Delhi College of Arts and Commerce.

Presented a paper on 'Due Diligence and Art of Integration' in National Seminar organized by Shaheed Bhagat Singh College.

Dr. Ravindra Gupta: Attended the 64th All India Commerce Conference organized by Department of Commerce, School of Management, Pondichery University.

Mr. Moola Ram: Presented a paper on 'Caste as Identity Marker- Omprakash Valmiki's Joothan: A Dalit's Life and Bama's Karukku' in National Seminar organized by School of Humanities & Social Sciences, Gautam Buddha University, Noida.

Dr. Nawab Singh: Attended the National Conference on 'stree Sahitya ka Soundaryashastra aur Hindi Sahitya' organized by PGDAV College.

Mr. J.N. Choudhary: Attended National Seminar on 'Mindscapes of Caste:Recording Equality and Justice' organized by Department of Political Science, University of Delhi.

Mr. V. Gunasekaran: Attended National Seminar on 'Mindscapes of Caste: Recording Equality and Justice' organized by Department of Political Science, University of Delhi.

Publications

Books

Maheshwari, R.P. International Business.

Business Organization.

Kumar, A. 'Antarrashtriya Sambandhon ke Siddhant: Ek Parichaya', Pearson Publication.

Articles

Aggarwal, S.P. 'Rural Marketing Initiatives in India: Challenges, Opportunities & Strategies'. New Direction in Rural Development (Bishnu Mohan Das and Sanjay Roy) New Delhi: Discovery Publication.

Edited

Kumar, A. *Bhartiya Rajnitik Chintan' Sankalpanayen Evam Vicharak*, Pearson Publications.

Translated works

Bhartiya Rajniti' Samvaidhanik Aadharshilayed.

Evam Sansthaagath karyaapranaali' Princeton Hall of India.

RAJDHANI COLLEGE

Appointments of faculty members to higher Post/Assignments

Dr. Amit Sarwal: Appointed convenor, Australia – India Interdisciplinary Research Network (AIIRN), February 2012.

Ms. Anubha Anushree: Served as a selection committee member for the selection of Fulbright English Language Teaching Assistant for the year 2012 at United States India Education Foundation, February 2012.

Dr. Chander Sekhar Singh: Served as Expert (nominee) on the Curriculum Development Committee for the preparation of course & Syllabi of B.Sc. (PEHES) semester III to semester VI for the Committee of Courses of the Department of Physical Education & Sports Sciences, 2011.

Honours/Distinctions

Dr. Jai Singh Meena: Awarded Ph.D. Degree by Jawaharlal Nehru University.

Dr. S.K. Dhaka: Acted a reviewer International Journals Annales Geophysicase European Union and Journal of Atmospheric Science (US).

Dr. R.D. Sharma: Member of the Editorial Board of The American Journal of Mathematics and Statistics.

Library Development

Total Budget	:	₹ 19,06,500/-
Books added	:	3,932
Journals subscribed	:	61

Seminars/Conferences attended

Ms. Megha Aggarwal: Presented 'Advances in Theories of Portfolio Management'. 13th West Lake International Conference, Zhejiang University, Hangzhou, China, October 2011.

Participated in 2nd Singapore Conference on International Investment Arbitration organized by Centre for International Law, National University of Singapore, 31 May 2011.

Presented 'Advances in Theories of Portfolio Management', 13th West Lake International Conference, Zhejiang University, Hangzhou, China, October 2011.

Ms. Rachna Sethi: Presented a paper on 'Narrativising Delhi: Literary-cultural constructions of the city' at 'The City 2nd International Conference' held at Simon Fraser University, Vancouver, Canada, 5-6 May 2011.

Attended the International Conference on 'Orality, Talk, Circularity' organized by Centre for English Studies, JNU, 7-9 March 2012.

Dr. Sanjay Malhotra: Presented Research paper at the International Conference named Colloquium Spectroscopicum International XXXVII held in Buzios-Rio De Janeiro, Brazil, 28 August-2 September 2011.

Dr. S.K. Dhaka: Presented paper in the International Conference (American Geophysical Union) at San Francisco, USA, 5-9 December 2011.

Dr. Amit Sarwal: Chaired a session on 'Australian Writings,' at the prestigious sixth Biennial International Conference on 'Australia and India Now: Market economy, ethics and Empowerment,' organized by IASA and AIC at the USI complex, New Delhi, 19-21 January 2012.

Presented a research paper titled 'Exploring Science fiction: Pedagogical Experiences at University of Delhi,' (with Reema Sarwal) in a three day International Conference on 'Science Communication for scientific Temper,' organized by NISCAIR, CSIR, VP and NCSTC, held at NASC Complex, Pusa, New Delhi. 10-12 January 2012.

Ms. Anubha Anushree: Presented a paper on 'Decolonizing Modernity or Modernizing Decolonization: Mohan Rakesh's Ande Ke Chilke and Adhe Adhure' at an International Conference organized by Banaras Hindu University, Varanasi, 10-12 November 2011.

Presented a paper on 'Mapping the Empire: James Rennell, and Colonial cartography' at the International Conference on Visual Space held by CPRACISIS, Chennai, 22-24 January 2012.

Dr. Bharti Sharma: Participated in the Deakin University sponsored International Talk on 'Rabindranath Tagore Today' organized by the Department of English, Chaudhary Charan Singh University, Meerut, 7-8 April 2011.

Dr. Chander Shekhar Singh: Served as Conference Secretary (Academic), Asia TEFL-International Conference of the Teaching of English as a Foreign-Second Language organized by TEFSOL Association of the Teachers of English as a Foreign/Second Language in India) at Delhi, 4-6 October 2012.

Dr. Daya Shankar Tiwari: Presented research paper titled 'Non-Aryan Influence on Sanskrit Language' at International Sanskrit Research Conference, Haridwar, 9-11 Sept. 2011.

Participated in the International Seminar on 'The Cross Cultural Migration of Panchtantra and its Relevance in Contemporary World' organized by Department of Sanskrit, University of Delhi, 15-16 December 2011.

Presented research paper titled 'The Scientific Concept of Water management in Sanskrit Literature' at the 15th World Sanskrit Conference at Vigyan Bhawan, New Delhi, 5-10 January 2012.

Presented research paper titled 'Sanskrit Sahitya Mein Prashasanika Dirshti se Naari: Adhunik Sandarbha' at the National Conference 'Women's Empowerment and Sanskrit Vanmaya' organized by the Hindu College, University of Delhi, 23-24 February 2012.

Ms. Susmita Mohanty, Dr. Daya Shankar Tiwari, Dr. Bharti Sharma and Ms. Divya Singh: Participated in the International Conference on 'Public Diplomacy in Theory and Practice: Culture, Information and interpretation in Australian-Indian Relations', Organized by the ADRI and Rajdhani College, University of Delhi, IIC, New Delhi, 8-9 April 2011.

Sh. Shafiqul Alam: Presented a paper titled, 'Multiculturalism and the Media-Advertisements & Commercials binding the Cultural Rubric of the Nation: A study of the Indian Multicultural Society' in the International Conference on 'Multiculturalism and its Discontent; Canada and India' organized by Indian Association for Canadian Studies at Jodhpur, 29-31 January 2012.

Dr. Sonia Lumb: Presented a poster entitled 'Magnetic field modified excitation and photoionization of a DQW system' in International Conference on nanostructured ceramics and other nanomaterial at the Department of Physics and Astrophysics, University of Delhi, 14-16 December 2011.

Dr. Sonia Lumb and Ms. Divya Singh: Attended 3rd International Conference on current developments in atomic, molecular, optical and nano physics with application (CDAMOP 2011) held at the Department of Physics and Astrophysics, University of Delhi, 14-16 December 2011.

Sh. Ved Mitra Shukla: Presented a paper entitled 'Rabindranath Tagore: a Vaggeyakara' during ICCR sponsored International Conference on Rabindranath Tagore Today by Department of English, Chaudhary Charan Singh University, Meerut, 7-8 April 2011.

Presented a paper entitled 'Jews and / in the Shakespearean Text: Re: critiquing The Merchant of Venice' during UGC & The Shakespeare Association, India, sponsored International Seminar on Subalterns in Shakespeare A post – postcolonial Scrutiny by St. Bede's College, HP University, Shimla, 22 -24 September 2011.

Presented a paper entitled 'Mahatma Gandhi and Children's Literature in Indian English' during UGC sponsored National Seminar on Influence of Mahatma Gandhi on Indian English Literature by AND Kisan P.G. College, Avadh University, 26-27 Nov. 2011.

Ms. Anubha Anushree: Presented a paper titled 'The Popular Imaginary: Three Novels of Chetan Bhagat' at UGC sponsored National Conference organized by MS University, Vadodra from 28-30 August 2011.

Ms. Divya Singh: Attended a National joint academies lecture Workshop on 'Frontier in Physics' jointly organized by Indian Academy of Science, Bangalore, Indian National Science Academy, New Delhi, The national Academy of Sciences, India Allahabad and FIDAS-DDU College, DU & IEEE-EDS Delhi Chapter at University of Delhi 21-23 Jan. 2012.

Participated in a National Workshop 'The Use & Deployment of WEB & Video course' held at IIT-Delhi supported by Ministry of Human resources & Development under 'National Programme on Technology Enhanced Learning,' 14-15 July 2011.

Ms. Enakshi Sinha Ray Chaudhary: Attended '7th Annual Conference on Economics Growth and Development', organized by Indian Statistical Institute, Delhi, 15-17 Dec. 2011.

Sh. Jaganath Ambagudia: Presented a paper 'Scheduled Tribes and the Land Question: The Root of Discontent and Protest in Scheduled Areas of Odisha' at the National Seminar on Development and Discontent in Contemporary Tribal India, MP Institute of Social Science Research, Ujjain, 28-29 February 2012.

Dr. Jai Singh Meena: Paper for Presentation 'Hindi Dalit Sahitya: Bhasha Yatharthvaad Aur Ashlita Ka Prashan' by School of Humanities & Social Sciences, Gautam Buddha University, Noida, National Conference, 23 -24 March 2012.

Participated in National Conference on 'Stri Sahitya Ka Saundryashaastra Aur Hindi Sahitya' at PGDAV (Eve.) College, University of Delhi, 22-23 February 2012.

Dr. J.N. Sinha: Presided over the inaugural session of the National Seminar on Maulana Abul Kalam Azad at Vivekanand Mahavidyalaya, Vidyasagar University, Vivekanagar, Purba Midnapur, West Bengal, 22-23 December 2011.

'Maulana Abul Kalam Azad's Contribution to the Political Awakening in India,' an invited paper presented at a National Seminar on 'Maulana Abul Kalam Azad: The Builder of Modern India,' Vivekanand Mission Mahavidyalaya, Viveknagar, Purba Midnapur, 22-23 December 2011.

Dr. Madhu Verma: Attended a National Conference on 'Contemporary Hindi Poetry' at Satyawati College, University of Delhi, 12-13 January 2012.

Participated in a National Conference on 'Aesthetics of Beauty in Women's and Hindi literature' organized by PGDAV College (Evening), 22-23 February 2012.

Mr. Yuimirin Kapai: Presented a paper titled 'Globalization and Migration: Tangkhul Experience' in a National Seminar on 'Globalization and Changing Tribal identity in the North-East India' at Conference Center, University of Delhi, May 2011.

Dr. M. Agarwal: Participated in a National Conference on Mining organized by Assocham, 27 September 2011.

Dr. R. Sethi: Presented a paper on 'Fantasy as fulfillment: Schizophrenic sexuality in Namita Gokhale's Paro' at the National Seminar on 'Reconfiguring Eroticism and Indian English Literature' organized by the Researchers' Association, Odisha, 22-23 January 2012.

Presented on a paper on 'Dil-o-Dilli: Study of Shifts in representation of Delhi city', at UGC sponsored National Seminar on 'Indian Writing in English: A Search within' organized by Post Graduate Government College for Girls, Chandigarh, 13-14 March 2012.

Dr. R. Arora: Attended a National Conference on 'Mergers and Acquisitions- Issues, Opportunities and Challenges' at VPCI, University of Delhi organized by SBS, University of Delhi, 20-21 January 2012.

Mr. Ved Mitra Shukla: Presented a paper entitled 'Mahatma Gandhi and Children's Literature in Indian English' during UGC sponsored National Seminar on Influence of Mahatma Gandhi on Indian English Literature by A.N.D. Kisan P.G. College, Avadh University, UP, 26-27 November 2011.

Publications

Pandit, V.L. Co-edited a book with Dr. S.A. Jafri titled *New Dimensions in Public Diplomacy: Indian and Australian Experiences*, CIC Series, SSS Publications in Feb. 2012.

Sarwal, A. Co-edited a collection titled *Sold by the Millions: Australia's Bestsellers with Toni Johnson-Woods* (Newcastle upon Tyne, UK: Cambridge Scholars Publishing, 2012). ISBN 1-4438-3584-6.

Co-edited a collection titled *Exploring Science Fiction: Text and Pedagogy* with Geetha B. (New Delhi:CLC Series/SSS Publications.2011). ISBN 81-902282-8-5.

Published a book review titled 'Littoral Zone ' Where Place Meets Language'.

'Review of C.A. Cranston and Robert Zeller, ed . Littoral Zone: Australian Contexts and Their Writers, RAKA: Annual Magazine of Rajdhani College(2012): pp. 74-76.

Published a research paper titled 'An Australian Learning Experience: Prejudice, Racism and Indifference in the short stories of South Asian Diapora in Australia', Journal of Vidya sagar University, March 2012.

Published a research paper titled 'Looking Back, Imagining Home: A study of Selected Indo-Australian Diasporic Short Stories,' Lemuria, July 2011, pp. 30-42.

Published a research paper titled 'Exploring Science Fiction: Pedagogical Experiences at university of Delhi,' (with Reema Sarwal), Science Communication of Scientific Temper. Pre-Proceedings of an International Conference. Ed. Gauhar Raza, New Delhi: NISCAIR, 2012, pp. 225-230.

Published an article titled ' ' Aussies Go Bolly' : Australian Journeys through Indian Cinemascape,' (with Reema Sarwal), India and Australia: Bridging Different Worlds, ed . Auriol Weigold and Brain Stoddarat, New Delhi: Readworthy Books, 2011, pp 178-195.

Mishra, B. Translated the book *Problematizing English in India in Hindi*. This book has been published by Eklavya with financial aid of Ratan Tata Foundation.

Translated *Dungaria Field Report on Southern Rajasthan* in the Book Foundation on Study of Agrarian Relations in India by Prof. V. Ramachandran published by Indian Statistical Institute, Kolkata.

Singh, C.S. *Pronominal System of Ladakhi: A Morphosyntactic Analysis*, Delhi: Surjeet Publications.

Published an Article 'Personal Pronouns in Ladakhi,' in *International Journal of Dravidian Linguistics*, Vol. 40.2, pp.159-80.

Ambagudia, J. *Adivasis in Colonial India : Survival , Resistance and Negotiation* , Edited by Biswamoy Pati, Orient Blackswan, New Delhi, The book Review , Vol. XXXV, No.12, December 2011, pp 17-18.

Articles

Sinha, J.N. 'Death for Freedom'(based on research), *The Hindu*, Chennai, 14 August 2011.

'Vignettes from the age of war'(based on research), *The Hindu*, Chennai, 22 May 2011.

'Meghnad Saha and River Management in India', in the Proceedings of the 71' Session of the Indian History Congress, Gaur Bang University Malda, West Bengal, February 2011.

'Amrita Sher-Gill in a Gorakhpur Village', based on research for publication in the *Frontline*, Chennai.

'Mathematical Sciences and the Second World War: The Indian Experience', for publication in the *Indian Historical Review*, ICHR, New Delhi.

Singh, M. Published article in the monthly magazine '*Kayadesh*' from Delhi in March 2012.

Agarwal, M. Published 'Impact of Index Futures on the Index Spot Market: The Indian Evidence', *Redefining the Roles of Business, NGO's and Governments*, 2011, Editors: Ms Moodithaya, N.K. Thingalaya, N.S. Shetty and G.V. Joshi.

Sharma, R.K. Published a research paper on 'Extremely Disconnected Generalized Topologies' in *Acta Mathematica*, Korea.

Third edition of the book '*Basic Applied Mathematics for Physical Sciences*' co-authored with Mr. Umesh Kumar has been published by Pearson Education.

Jafri, S.A. Co-edited, *New Dimensions in Public Diplomacy : Indian and Australian Experiences*, with Dr. Vijay Laxmi Pandit, New Delhi: CLC Series/SSSP, 2012.

Published a book review titled 'Australian Made : A Multicultural Reader, edited by Sonia Mycak and Amit Sarwal' in *Journal of Vidyasagar University*, March 2012.

Published a research paper titled 'The Model Classroom: Digital Learning for Net Generation A case for English Literature Teachers and Students in University of Delhi' in *Journal of Vidyasagar University*, March 2012.

Kumar, S. Published research paper 'A Multilayered Secure, Robust and High Capacity Image Steganographic Algorithm', *WCSIT, Journal Vol. XXX*, 2011.

Nagpal, S. Published a paper 'Cds quantum dots in a novel glass with a very low activation energy and its variation of diffusivity with temperature', in *J. Nanoparticle Research*, 2011, Vol. 13, No. 7, pp. 2733-2741.

Published a paper 'Ultraviolet electroluminescence from zinc oxide nanorods/deoxyribonucleic acid hybrid bio light-emitting diode', Rohini B. Gupta, Swati Nagpal et.al., *J. Nanophoton.* 5,059505, 12 August 2011.

Published a paper 'Improvement in the Luminous efficiency of MEH-PPV based LED using ZnO NR grown by the electrochemical deposition technique on ITO substrate.' Rohini B. Gupta, Swati Nagpal et.al., *Phy.Scr.*, 83, 2011.

Shukla, V.M. Published a paper entitled 'Salman Rushdie as a Children's Writer: Reading *Haroun and the sea of Stories*(1990) and *Luka and the Fire of Life*(2010).' In *The Criterion: an International Journal in English* Vol.II, Issue II (June 2011), ISSN-0976-8165. Web. 21 July 2011.

Published a paper titled 'Bhartahari: Re-critiquing a Linguistic Philosopher' in Prachyavidyanusandhanam: *International Journal of Indology*, Vol. 6, No.2, July-December 2011, ISSN 0973-6395. p. 35. Print.

Published two English poems titled 'O Eve!' and 'Like These...' in *Kohinoor* Vol. IX, No.1(2011),ISSN 0973-6395. p. 35. Print.

Published in Hindi Article titled 'Tomas Transtromer: manavatavadi kavi' *Dainik Jagran*, Oct.31,2011, Literary Sec. 12, Print.

Kapai, Y. Published a book titled *Naga Folktales: Analysis and Cultural Analysis* by Anmol Publication, 2011.

SRI AUROBINDO COLLEGE

Library Development

Total Books : 1,381
Journal subscribed : 14

Honours/Distinctions

Dr. Vipin Malhotra: Nominated as a member in the Delhi Government in the ministry of Social Welfare.

Dr. Namita Rajput: Awarded Indira Gandhi Siromani Award.

Dr. Aditya Narayan Misra: Awarded a Ph.D. from Department of Political Science Delhi University for research on 'Role of Buddhism in Tibetan Struggle for Independence'.

Publications

Aggarwal, R. 'Robe's problems-extension to Fair Body problems' in *Astrophysics and space Science*.

Singh, D. Published a paper 'in a Scientific Study and Research Series Mathematics and Informatics'.

Lahiry, S. 'Optical properties of Solget deposited Barium strontium Titanate ($Ba_xSr_{1-x}TiO_3$) thin films' in *International Journal*.

Mago, P. Published an article 'Application of Agnihotra in Environment Purification' in an *International Journal*.

SRI AUROBINDO COLLEGE (EVENING)

Library Development

Total Budget	:	₹ 2,52,410/-
Books added	:	986
Journals subscribed	:	04

Appointments of faculty members to higher Posts/Assignments

Dr. (Mrs.) Vijaya Laxmi Singh: 'Subject Expert' on Confidential Board, Kendriya Vidyalaya Sangathan, Delhi and 'Resource Person' in Delhi Subordinate Staff Selection Board. She is also a 'Resource Person' with Pearson Educational Publishers India, Delhi.

Honours/Distinctions

Dr. Vijaya Laxmi Singh: In History has been offered Fellowship of University of Pavia, Pavia, Italy, where earlier she was a CICOPS Scholar.

Dr. Sumati Varma: Nominated Fellow in the International Visitor Leadership Programme (IVLP) in American Studies, by the Government of the United States of America. She was consultant with the World Bank for their project 'Investing Across Borders'.

Seminars/Conferences attended

Dr. Anil Kumar Singh: Presented a paper entitled 'HRD Practices & Managerial Effectiveness: Role of Organisation Culture'. *Indian Journal of Industrial Relations*, Vol. 47 No.1 July, 2011, ISSN No. 0019-5286.

Dr. (Mrs.) Renu Rajan: Participated in UGC International Seminar on 'Music of Asian Countries; An Analytical View' at the Faculty of Music and Fine Arts, University of Delhi, 1-2 March 2012.

Publications

Research Articles

Varma, S. Books: Co-author of '*International Business*' by Wild and Wild, Global Edition, Pearson Education Ltd., UK.

Agrawal, A. Authored book entitled '*Introductory Microeconomics and Macroeconomics*'.

Singh, V. L. 2011. Text book '*Portraying Cultures in Indian Sub-Continent: Ancient to Modern*', Macmillan Publishers India Limited.

ST. STEPHEN'S COLLEGE

Major Activities

The Shakespeare Society organized two events – a 10 Minute Play Competition and a Monologue Competition – as a part of the Annual Winter Festival. The Shakespeare Society in association with The English Literary Society staged Tom Stoppard's *The Real Inspector Hound*, as part of 'Body of Evidence – a Crime Fiction Conference' hosted by the English department.

St. Stephen's Centre for Translations Established in 2011, The SCT has come a long way with already a widely acclaimed publication to its credit. The work has continued to make progress under the able leadership of Ms. Manpreet Kaur, ably supported by Mr. Rajiv Ranjan Giri, Mr. Ashley N.P and Ms. Natasha Vashist. During 2011. Mr. Giri's translation of *Gift in Green* (Harper Collins, 2011) to Hindi has made commendable progress and is likely to be published in 2012. The SCT has chosen for itself the signature priority of promoting 'Simultaneous Translation' which St. Stephen's is virtually the first institution to undertake anywhere in the world. After this work has made some progress, the SCT proposes to look at this new genre

Library Development

Total budget	:	₹ 1,99,000/-
Books added	:	1381
Journals subscribed	:	34

Appointments of faculty members to higher Posts/Assignments

Dr. Neelam Saxena: Visiting Professor of Hindi to the ICCR's Long Term Chair at JNCC, Moscow.

Dr. Vijay Tankha: Awarded Fellowship of the Indian Council of Philosophical Research.

Dr. Rohit Wanchoo: Awarded Nehru Memorial Museum Library Fellowship.

Seminars/Conferences attended

Dr. S.V.Eswaran: OMICS International Conference, Philadelphia, USA Nov 29-1 Dec. 2011. Presented a paper entitled, *New Reagents for Proteomics, Lipidomics, Nano-Biotechnology and Devices*. OMICS International Conference on Analytical and Bioanalytical Techniques, San Francisco, USA, and presented a keynote address entitled, *Analytical Techniques-A Final Frontier?* Further presented a paper entitled, *New Drugs & International Regulatory Mechanisms*, 16-17 December 2011.

Dr. Satish Kumar: Water soluble naphthopyran based optical switch for calcium'. International symposium on advances in chemical sciences and innovative materials. Department of Chemistry, Indian Institute of Technology Delhi, New Delhi, 10-12 August 2011.

'Synthesis and evaluation of calix[4]arene enones for protection from ultraviolet radiations'. International symposium on advances in chemical sciences and innovative materials. Department of Chemistry, IIT, New Delhi, With student and faculty of St. Stephen College, 10-12 August 2011.

'Substituent and solvent effects on the Photochromism of spirooxazines' National Seminar on Recent Trends in Chemistry, Sri Venkateswara College, University of Delhi, 20-22 March 2012.

'DFT study of substituent effect on the Photochromism of spiropyran'. National Seminar on Recent Trends in Chemistry, Sri Venkateswara College, University of Delhi, 20-22 March 2012.

Publications

Ashley, N.P. 2012. Sagarakanyaka, the play adapted by Ashley from Henrik Ibsen's The Lady From the Sea was an entry at the Brisbane World Theatre Festival, Australia.

Published the article 'Scholar/Conceptualizer/Dramaturg: Towards the Textual Office in Indian Theatre' in the festival book brought out in connection with the Fourth International Theatre Festival of Kerala, Thrissur, 1-8 February 2012.

Published two translations, one editorial article and one interview in Malayalam magazines and dailies.

Presented papers at three National Seminars one held in Delhi and others in Kerala on translation and Indian theatre.

Bhardwaj, R.K. 2011. Published an article title Modeling Historians' Information-needs at Kurukshetra University Kurukshetra: A Study in the *Journal Professional Journal of Library and Information Technology*, pp. 28-35, ISSN No. 0976-7272.

Published an article title Functional approach of Libraries in Research and development Activities in the 21st century: A Study in the '*Journal of Information Management*' Vol. 49, No. 1, February 2012, pp. 75-86.

Eswaran, S.V. Ultrafast Infrared and UV-vis Studies of the Photochemistry of 2-Methoxy-6-Methoxycarbonylphenyl Azide in Solution; *J. Phys. Chem*, 2012 (Under review)-in collaboration with Prof. M. S. Platz, Ohio State University, Columbus, Ohio, USA.

Biaryl Crosslinkers I. Crosslinking of a Bis-azidobiaryl with Poly (3-hexylthiophene), *Canadian J. Chem.* (2011), 89: (5): 549-554 (in collaboration with SSPL, Min. of Defence R & D).

Synthesis, characterization and antifungal activity of biaryl based bis-1, 2, 3- triazoles using Click reaction, *Monatshefte fuer Chemie*, 2012, 143: 283-288 (in collaboration with the CSIR Lab. ICT, Hyderabad, the IARI lab. & Univ. of Massachussets).

Evaluation of Microlithographic Performance of 'Deep UV' Resists: Synthesis, & 2D NMR Studies on Alternating 'High Ortho' Novolak Resins; *J. Chemical Science*, 2012.

Soluble Functionalised Fullerenes for Photovoltaics' Synthetic Metals. 161, (2011). 844-849.

1-(4-Nitrophenyl)-4-phenyl-1H-1, 2, 3-triazole vs 5(6)-nitrobenzofuroxan formation and their antifungal activity, *J. Indian Chem. Soc.*, 88, 543-546. (In collaboration with IARI, Pusa).

Jha, C.B. Edited a book entitled Sanskrit Culture, New Bharatiya Book Corporation, Delhi.

Published 3 Research Papers a Felicitation Vol., Proceedings of the 9th National Seminar of WAVES and Proceedings of the first ever National Conference on 'Contribution of North – East to Sanskrit Literature'.

An analysis of inter-relationship between Maithili and Sanskrit languages, in the International Conference organized in Haridwar by Uttaranchal Sanskrit University in September '11.

Kalidasa's concept of Nation, in the 53rd All India Kalidasa Festival, organized in Ujjain, by Kalidasa Akademi, M.P. in November 2011.

Kalidasa's views on Education, in the 15th All India Kalidasa Festival, organized in Delhi, by Kalidasa Academy of Sanskrit, Music and Fine Arts in November 2011.

The Impact of Panchatantra on Modern Sanskrit Literature, in the International Conference, organized by the Dept. of Sanskrit, Univ. of Delhi, at South Campus in December 2011.

The Contribution of visually challenged poets to Modern Sanskrit Literature, in the 15th World Sanskrit Conference, organized at Vigyan Bhavan, New Delhi by International association of Sanskrit Studies.

The Future of Sanskrit studies in India and abroad, National Conference, organized by Somnath Sanskrit University in Porbander, Gujarat, January 2012.

An Analysis of the new trends in Modern Sanskrit Literature, in the National Seminar, organized by Punjab University, in Chandigarh in February 2012.

The Contribution of Women Poets to Modern Sanskrit Literature, in the National Seminar, organized at Hindu College, Delhi in February 2012.

Lady Vedic seers and their thought-revolution in the International Conference, organized in Haridwar by the World-wide Association of Vedic Studies in March 2012.

Spring season's beauty in Modern Sanskrit Literature, in the National Seminar, organized at Bharatiya Vidya Bhavan, New Delhi, in March 2012.

Self-composed poems' recitation: A poet in his own right, Dr. Jha recited Sanskrit poems on 10 occasions, in National & International Sanskrit Poets' Meets, on invitations from Sanskrit Academies of Delhi, Haryana, Uttarakhand, MP & Gujrat.

Yadav, H.K. 2012. 'Temperature dependent dynamics of ZnO nanoparticles probed by Raman scattering: A 'big divergence in the functional areas of nanoparticles and bulk materials', Applied Physics Letter 100, 051906.

2011. 'Modified cascade model of resonant Raman scattering: a case study of UV Raman scattering in $Zn_{1-x}Mn_xO$ thin films', Journal of Raman Spectroscopy 42, 2126-2131.

2011. 'Softening behavior of acoustic phonon mode in ZnO nanoparticles: the effect of impurities and particle size variation with temperature', Journal of Raman Spectroscopy 42, 1620-1625.

SHYAMA PRASAD MUKHERJI COLLEGE FOR WOMEN

Library Development

Total Budget	:	₹ 7,57,500/-
Books added	:	900
Journals subscribed	:	85

Honours/Distinctions

Dr. (Ms.) S.K. Jolly: 'Best Spiritual Educator of the Year Award' presented on 5-6 September, 2011 on the occasion of the World Spiritual Parliament Special Session by 2011 World Spiritual Parliament.

Seminars/Conferences attended

Dr. (Ms.) S.K. Jolly: Presented a paper entitled 'Concept of Good Governance in the Institutions of Higher Learning in India Case Study of a college of University of Delhi, BASAS 25 Conference, University of Southampton, 11-13 April 2011.

Presented a paper on the topic 'Foot Prints of Sikh Gurus on the Himalayas' at the 4th SSEASR International Conference of South and Southeast Asian Association for the Study of Culture and Religion on Mountains in the Religions of South and Southeast Asia : Place, Culture and Power. Thimphu Kingdom of Bhutan co-sponsored as a Regional Conference by IAHR. 30 June-3 July 2011.

Chaired and Presented a paper entitled 'Relevance of Gandhi today and his message to the Youth' at the National Seminar organized by Department of History and Gandhian Study Centre, Bhavnagar University, Bhavnagar, 10-11 September 2011.

Dr. (Ms.) Asha Joshi: Presented a paper on the topic 'Social Philosophy of Kabir in the National Conference of the Indian History and Cultural Society at Trivendrum, 11-13 November 2011.

Dr. (Ms.) Manjit Kaur: Participated in an International Conference on Women Development organized by Ramjas University, Patiala. Her paper unheard crises of a girl child got published in the annual publication of WDC department of the University.

Dr. (Ms.) Vandana Kaushik: Presented a paper on the topic 'Armed Peasantry of North India during the 16th Century' in the National Conference of the Indian History and Cultural Society at Thiruvananthapuram, 11-13 November 2011.

Ms. Priti Rai: Presented a paper 'Impact of Power Sector on Global Warming in Jesus & Mary College – UGC sponsored National Seminar on 16-17 February 2012.

Publications

Jolly, S.K. Gender Equality and Response to Gender Issue in Guru Nanak Bani relations got published in the 12th Vol. of *History Today*. Journal of History and Historical Archaeology.

Kaushik, V. 'Relations between Chishti Sufis and the Sultans of Delhi-Some observations' got published in the 12th Vol. of *History Today*. Journal of History.

Naseem, K. 2011. Synopsis of 31 Greek Classic tragedies by Aeschylus, Sophocles and Euripides-Greem ke trasad natak got published, Rajkamal Prakashan.

Bhatia, S. 'Capturing the essence of success through the Life stories of empowered Indian Women'. *Indian Journal of Positive Psychology*, 2(1): 28-33.

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN

Seminars/Conferences attended

Dr. Punita Saxena: Presented a paper entitled, 'Efficiency Evaluation of the Indian bus companies using DEA in the light of weight restriction', in the 3rd International Conference on Applied Operational Research at Bahcesehir University, Istanbul, Turkey, 24-26 August 2011.

Dr. Rekha Mehrotra: Participated in the International Conference 'Teaching Globally' organized by Smith and Mount Holyoke College, Massachusetts, USA, 31 May-3 June 2011.

Dr. Deepa Joshi and Dr. Radhika Bakhshi: Attended 'Women Education Worldwide-Faculty conference' hosted by Mount Holyoke and Smith colleges in Massachusetts, USA, 31 May-3 June 2011.

Dr. Projes Roy: Presented paper entitled 'An Evaluative study of the site Feasibility of Online database in University library in India' at Wlajat college of Applied Sciences, Muscat for International Conference on Knowledge Management and Resources Sharing on 27-28 February 2012.

Ms. Daya Bhardwaj: Paper presentation on 'HPLC fingerprinting for the standardization and quality control of medicinal plants and their drugs' in the International Symposium on New Processes and applications for Plant and microbial Products organized by The Energy and Resources Institute, Delhi, 14-15 February 2012.

Dr. Saquib Ansari: Presented a paper entitled 'Salicylic Acid Modulates The Activities of Antioxidant Enzymes in Germinating Lentil Seeds Under Salt Strees' at National Conference on emerging trends in chemistry-biology interface at Kumaun University, Nainital, 3-5 November 2011.

Ms. Shalu Sharma: Presented a paper entitled, 'On weighted Banach frames', in the International Workshop on Wavelets, frames and applications, New Delhi, 15-21 December 2011.

Publications

Saxena, P. 2011. Published a paper entitled, 'Efficiency Evaluation of the Indian bus companies using DEA in the light of weight restrictions', in Lecture Notes in Management.

Chawla, S. 2011. Published a paper on, 'High Scent Web Page Recommendation using Fuzzy Rough Set Attribute reduction', Transaction on rough Sets XIV, LNCS 6600: 18-36, Berlin Heidelberg: Springer – Verlag.

Roy, P. 2011. Paper published in library Philosophy and Practice, the paper entitled 'Online databases Searching Practice in central University in India'.

2011. Paper published in DESIDOC journal of Library and Information Technology. The paper entitled 'Social Semantic Digital Library: the Future', Vol. 31, No. 4.

SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES

Major Activities

The student of the college was invitee at Skoll World Forum on Social Entrepreneurship, Oxford University. They also participated in International Conferences at Harvard University and Yonsei University in South Korea, Korea University.

The college signed Memorandum of Understanding with University of Dallas for creating a mutually beneficial arrangement that supports each institution's interests in attracting and retaining a sufficient quality and quantity of students and in providing opportunities for the development of each party's faculty.

Library Development

Total Budget	:	₹ 6.2 Lakhs
Books added	:	700
Journals subscribed	:	45

Honours/Distinctions

Dr. Poonam Verma: Awarded in the field of Education in 2011 in The 23rd Super Achiever Awards Ceremony by Bharat Nirman.

Dr. Sameer Anand: Awarded the 'Best Teacher Award' by the Govt. of N.C.T. Delhi, Directorate of Higher Education.

Seminars/Conferences held

Convergence - The National Annual Corporate Convention on 'Exploring Contemporary Vistas: The Road Ahead for India'.

Seminars/Conferences attended

Dr. Poonam Verma: Attended XIV International Convention of Family Business focusing on 'Best Practices and Beyond Best Practices', 15-16 March 2012.

Dr. Hamendra Kumar Porwal: Attended International Conference on 'Corporate Governance: The road ahead', organized by SRCC, University of Delhi, 27-28 March 2012.

Mr. Deepak Kukreja: Attended a International Conference on : 'Restoring Culture of Ethics & Values : The Holistic Education Way', organized by Centre for Ethics & Values, Ramanujan College, University of Delhi, 8-10 February 2012.

Mr. Neeraj K. Sehrawat: Presented a paper in National Seminar on Professionalism in Teacher Education' on a topic 'Professionalism Ethics among Teachers' organized by Aastha Educational Institute (affiliated to C.C.S. University). Participated in the Workshop on 'Effective Teaching through case study methodology' at IIT Delhi, 29 September-1 October 2011.

Presented a paper in National Seminar on 'Professionalism in Teacher Education' on a topic 'Professionalism Ethics among Teachers' organized by Aastha Educational Institute.

Ms. Neha: Attended a National Seminar on Globalisation & Indian Economy conducted by Sri Guru Tegh Bahadur Khalsa College, Department of Business Economics, University of Delhi.

Ms. Sanjana Juneja: Presented a paper entitled New Paradigms on 'Tourism Industry: Eco-Tourism' in National Seminar organized by DAV Centenary College, Faridabad, 17-18 March 2012.

Publications

Journals

Singh, R. 2011. Published an article with Nishtha Anand on 'Yield Curve and Performance of Stocks of Different Market Capitalizations' in *Asia Pacific Business Review*, Vol. VII, No. 3, pp. 7-17.

Kumar, B. 2011. Published a research paper on 'Modeling and Forecasting Debt Market Yields: evidence from India', *Banks and Bank Systems*, Vol. 6, Issue 4, pp. 48-62; publisher: 'Business perspectives' publishing company, Ukraine.

Gupta, P. 2011. Published Research Paper titled 'Technological Innovation in Indian Banking Sector – Use of IT Products' co-authored Dr. Kanhaiya Singh and Dr. U.S. Pandey at *International Journal of Management and Strategy*.

Conference Proceedings

Gupta, A.R. 'Lattice Based Associative Classifier', 4th Asian Conference on Intelligent Information and Database Systems (ACIIDS), Taiwan, 19-21 March 2012.

SRI GURU TEGH BAHADUR KHALSA COLLEGE

Major Activities

The College takes pride in bagging three Innovation Research Projects approved by Delhi University this year, which are being run by nine faculty members and thirty students of the college.

Seminars/Conferences attended

Dr. Vanita: Presented a paper on Women Literature and Peace against war at World Punjabi Conference, Canada in 2011.

Dr. Veena Agarwal: Presented a paper in a National Conference at Guru Nanak Study Centre, Delhi.

Dr. Smita Mishra: Delivered a lecture in a National Workshop on *Rural Journalism* organized by Journalism Department, Rajasthan University, 11-13 November 2011.

Mr. Novy Kapadia: Presented a Paper on *India at the Olympics: What Ails Indian Sports* at the Sports and the Nation International Conference in January 2012, organized by the Department of English and School of Media, Communication and Culture, Jadavpur University, Kolkata.

Invited to speak at the 9th Conference of the Commonwealth Journalists Association Conference at Malta, He was a speaker in a panel discussion on *Sports Journalism and Scandal* and presented a Paper on 'Are Sports Journalists Sufficiently Equipped to deal with 'off the field' issues.

Dr. Vimal Rarh: Delivered a lecture entitled 'e-Learning Tools for Educators' for participants of Orientation course at UGC – Academic Staff College, B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat, 14 January 2012.

Dr. Santosh Rai: Presented paper on, 'Piety, Laity and Royalty in early Medieval India: Narratives from the Jain Sanskrit Tradition' in the Panel 10-Jain Studies, 15th World Sanskrit Conference, Jointly organized by International Association of Sanskrit Studies and Rashtriya Sanskrit Sansthan, New Delhi, 5-10 January 2012.

Presented paper on, 'Inviting the Lords: Jain *Vigyaptipatras* as a Source of Medieval Indian History', in the Section II (Medieval India), 72nd Session of Indian History Congress, Punjabi University Patiala, 10-13 December 2011.

Presented paper on, 'Jain *Vigyaptipatra*- A Source of Social History of Medieval India' at Seminar sponsored by Indian Council of Historical Research, organized by Department of History, University of Delhi, 26-28 April 2011.

Ms. Yamini: Presented a paper titled 'Religion in the Secular World' at a Conference on Literary and Cultural Studies organized by Centre for Comparative Literature, School of Humanities, University of Hyderabad September 2011.

Ms. Divya Kaur Matta: Presented an abstract entitled 'Corrosion inhibition of mild steel by newly synthesized schiff's base(1-H-tetrazole-5-yl)-(3,4,5-trimethoxybenzylidene) in acidic medium' in 2nd Indo-Italian Workshop on Electrochemistry for future energy solutions held at University of Delhi, 30 November - 3 December 2011.

Ms. Jasdeep Kaur: Presented a paper on 'Global slowdown and changing thought process' in a *National Seminar on Impact of Recession on Indian Economy* held at Govt. P.G. College in Karnal.

Mr. Pramod Bhati: Presented paper on 'A survey on health status of dietary habits of tribal students' in International Symposium on 'Global Trends of Physical Education & Sports in 21st Century' organized by Noida College of Physical Education, 2-3 April 2011.

Ms. Inderpreet Kaur Nanda: Presented paper on '*Career Pattern and Career Contingencies of Women Hockey Players: An Occupational Analysis*' and '*A Comparative study on anxiety of Umpires/refrees belonging to open skill and closed skill sports*' in International Seminar on 'Physical Education & Yogic Sciences' held on from 19-21 January 2012 organized by Banaras Hindu University, Varanasi.

Presented paper on '*Comparative study on Conflict Resolution between Athletes and Non-athletes of Delhi University*' and '*Analysis of prevalence of drugs in Olympic Games*' in International Conference on 'Physical Activities & Sports For Global peace and Development' organized by Department of Physical Education & Sports Sciences & Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi, 19-21 October 2011.

Presented paper on '*Dealing Stress Through Yoga*' in International Symposium on '*Global Trends of Physical Education & Sports in 21st century*', 2-3 April 2011.

Dr. Vanita: Presented with Rajiv Gandhi Award for Literature in 2012.

Attended International Punjabi Conference at Toronto, Canada, 5-8 August 2011.

Dr. Nachiketa Singh: Participated as a delegate in the first National Conference on International Relations organized by the Ministry of External Affairs and Center for Policy Research, New Delhi in October, 2011.

Dr. Vimal Rarh: Chaired a technical session and presented a paper entitled 'e-Content development methodology' at the International Conference entitled '*ICT – Initiatives, Policies and Governance*' at Doon University, Dehradun, 28-29 November 2011.

Dr. Smita Mishra: Participated in International Global Sports Summit organized by FICCI at New Delhi.

Participated National Conference on Business of Sports in October 2011.

Mr. Pramod Bhati: Participated in a National Seminar on Sports Biomechanics & Exercise Sciences organized by Indian Society of Biomechanics, St. Stephen's College & Miranda House, 16-17 April 2011.

Publications

Books

Singh, J. 2012. *Managerial Economics*, New Delhi: DreamTech Press.

Gujral, S.K. 2012. Co-Author, *Comprehensive Practical plant Physiology*, Mac Millan, 2012.

Wadhwa, A. 2012. Numerical Analysis With Algorithms and Computer Programs in C++, Prentice Hall, New Delhi.

Vanita. *Bharti Kavita* (Edited) from Konkani to Punjabi by Sahitya Academic.

Bansal, V. 2011. *Accounting for Managers*, International Book House.

Journals

Sodhi, G.S. Published an article in *Indian Police Journal*.

Rarh, V. Published an article as co-author in *Science Reporter* entitled 'Chemistry Education in the 21st Century: Challenges and opportunities', January, 2012.

Kaur, S. Co-authored a paper on Electron- Impact Study of S3 using the R-matrix method in *Physics Review A*, Vol.83, Issue 6, Id.062707, 2011.

Jain, S. Published an article, '*Patronage and Clientage in Medieval India: The Jain Narrative of Vividha-Tirtha-Kalpa*', in S.Z.H. Jafri and N.R.Farooqi, ed., *Pluralities of Past: Upper Gangetic Valley through the Millennium*, Delhi, 2012, pp.180-187.

Lohia, S. Published a paper entitled 'Tum Chandan Hum Pani- Samvedana Ki Sutra' in *Sahitya Amritam*, Hindi Journal.

Bansal, V. Published a paper in *International Journal of Multi Disciplinary Research Academy*.

Singh, I. Co-authored a paper in *Organic Electronics (Elsevier)*, Vol. 13, pp 710-714, 2012.

Co-authored a paper in *Journal of Nanophotonics (SPIE)*, Vol. 5, pp 053504(1-8), 2011.

Co-authored a paper in *Physica Scripta (IOP Publishing)*, Vol. 84(1) pp 015705, 2011.

Co-authored a paper in *Journal of Nanophotonics (SPIE)*, Vol. 5, pp 053518, 2011.

Singh, C. Published a research paper in *International Journal of Quantum Chemistry*, Vol.111 (15), pp.4318-4329, 2011.

Kaur, J. Published a paper on 'E-banking: The New Age Banking' in the *Handbook of Management and Behavioral Science*, Vol-4, and 2011.

Katyal, A. Published paper in *Interventions*, an International peer reviewed journal of postcolonial studies, New York University, New York.

SRI GURU GOBIND SINGH COLLEGE OF COMMERCE

Major Activities

This year, the College has entered into an academic MOU with Youngsan University, South Korea, whereby the students from the University become eligible to study the Delhi University Curriculum to earn credits. Principal, Dr. J.B. Singh visited Youngsan University in this regard and also delivered a research Seminar there.

The college had a successful placement season with reputed industry leaders vying for the talent in the college.

Library Development

Total Budget	:	₹ 6,03,750/-
Books added	:	1717
Journals subscribed	:	31

Seminars/Conferences held

National Seminar on 'Empowering Growth Through Corporate Governance and Economic Stability Measures' was organized in the college on 23-24 February 2012.

Seminars/Conferences attended

Mrs. Aradhana Nanda: Presented a paper on 'Accelerating growth in the Infrastructure sector-the key to economic growth'.

Ms. Harpreet Kaur: Presented paper on 'NREGS, Capture and displacement: Inter-state variations'.

Mrs. Neha Verma: Presented a paper on 'FDI in India Retail Market: Experience of other Nations'.

Mr. Nirmal Singh: Deliberated on 'Sustainable Agricultural Development in Punjab'.

Mrs. Rasleen Kaur: Presented a paper on 'Globalization in Retailing in India: Emergence and Prospects'.

Mrs. Dipavali Debroy: Spoke on 'The Food Security Act- History and Policy'.

Mrs. Kajleen Kaur and Mrs. Yogieta S. Mehra: Presented a paper on 'Economic Growth and the challenges of Fiscal Deficit'. Their paper was also adjudged the best paper in the said technical session.

Dr. Kawal Gill and Dr. Manika Aggarwal: Presented a paper on 'Corporate Governance Challenges with special reference to India and China'.

Dr. Manisha Vijayran and Dr. Suman Solanki: Presented a paper on 'Corporate Social Responsibility-Stakeholders'.

Dr. Simmar Preet Kaur: Presented a paper on 'Corporate Disclosure practices-A comparison of India and UK'.

The Poster Presentation of the technical papers was exhibited in the Seminar, in which there were many presentations by the Faculty as well. Mrs. Satvinder Kaur presented a poster on 'Corporate Governance: Need of the hour' and Mrs. Supriya Chopra on 'Quality Management Practices in Manufacturing Industry'. Prof. S.L. Gupta, Ms. Upasana Diwan and Dr. D.D. Chaturvedi jointly presented a poster on *CSP and CSR*. Ms. Renu Gupta, made a poster presentation of the paper titled, '*Internal Control System in Indian Enterprises: An Empirical Assessment*'.

Publications

Books

Kaur, H., Sharma, M.P. and Sardana, B.L. 2011. *Public Administration: in Theory and Practice*. New Delhi: Kitab Mahal.

Kaur, P. *Mergers in India : Exploiting Financial Synergies*. New Delhi: Academic Publishers.

Singh, G. *Digital Libraries and Digitization*. New Delhi: ESS Publications.

Research Articles

Gupta, R. 2011. 'A Critical Review of Definition of Audit with Special Reference to AAS 1 (SA200)'. *International Journal of Research in Commerce and Management*.

- Dodrajka, S. 2011.** 'Emergence of Six Sigma from TQM'. *Asia Pacific Business Review*.
- 2011.** 'Surrogate Advertising in India'. *Lobour and Management Review XLRI, Jamshedpur*.
- Debroy, D. 2011.** 'The Graphic Novel in India : East Transforms West'. *Book bird : A Journal of International Children's Literature . Vol. 49, No. 4 .*
- 2011.** 'Bangla Sahitye Dilli'. *Hindol*. 3.2.
- 2011.** 'Comics to Sell and to Heal'. *Writer and Illustrator*. Vol. 49. No. 4.

SRI GURU NANAK DEV KHALSA COLLEGE

Major Activities

Various activities were organized in the college with the objective of engaging students actively with their stream of study and social concern. English Department of the college took a group of 30 students to Jaipur Literary Festival. It also organized a Literary Fest with the theme of bringing Literature Alive. Students performed scenes from plays in their course and supplemented it with paper presentation.

Faculty member Dr. Gurdeep Kaur received scholarship from European Union to pursue post doctorate from University of Milan (Italy). Three esteemed faculty members got National Awards, two faculty members were awarded Doctorate Degree, and four members are pursuing Ph.D. Besides these, approximately 25 Papers were presented at the International and National Level Seminars, 15 Research Articles were published in different Journals, Magazine and Newspapers and 3 Books were edited and published on account of research work.

Library Development

Total Budget	:	₹ 8,35,000/-
Books added	:	1878
Journals subscribed	:	5

Honours/Distinctions

Dr. Manmohan Kaur and Gurdeep Kaur: Honored with 'National Award for Spiritual Education' on 5th September 2011 from '2011 World Spiritual Parliament' sponsored by 'International Association of Educators for World Peace'.

Dr. Harbans Kaur Sagoo: Honoured by Punjabi Sahit Sabhyachar Sangathan on 5 June 2011.

Dr. Paramjit Kaur: Awarded with Vishesh Punjabi Sahit Sewa Sanmaan by Punjabi Academy on 'Sache Patsha Dharmik Patrika'.

Seminars/Conferences held

Department of Hindi organised a National Conference '*Bhumandalikaran Ke Daur Mei Bhasha Ke Badalte Aayam*'. Eminent speakers from Delhi University as well as from other Universities shared their expert views and thoughts on the occasion, 9-10 April 2012.

National Seminar entitled '*Guru Granth Sahib: Social Concerns*' under the convenorship of Dr. H.K.Sagoo, 19-20 April 2012.

Seminars/Conferences attended

Dr. Manmohan Kaur: Presented a paper entitled 'Sikhism and Media' in International Conference: 'Faith in the Face of Secularism' held in Johannesburg, South Africa, 28-31 August 2011.

Dr. Gurdeep Kaur: Presented a paper on 'Secularism in Sikhism' in the International Conference on 'Faith in the Face of Secularism', Johannesburg, South Africa, August 28-31 August 2011.

Dr. Bhagwant Kour: Presented a paper titled 'Women in Modern British Drama' in International Seminar on 'Mainstreaming Gender: Issues & Challenges' organised by Women Studies Centre, Punjabi University, Patiala, 25-26 November 2011.

Invited as a Chairperson at an International Seminar titled: 'Mainstreaming Gender: Issues & Challenges' organized by Women Studies Centre, Punjabi University, Patiala, 19 November 2011.

Dr. Harbans Kaur Sagoo: Invited as a Chairperson at International Conference on 'Mainstreaming Gender: Issues and Challenges' organised by Women Studies Centre, Punjabi University, Patiala, 19 November 2011.

Presented a paper entitled 'Istri Samaj: Guru Granth Sahib, Itihas Te Majuda Paripekh' in a National Conference in Punjab University, Patiala.

Presented a paper entitled 'Banda Singh Bahadur de Jeevan Birtant Sambandit kuch Aehm mude, Kesar Singh Eebar de Bansavli Naame Anusar' in a National Seminar at Punjabi University, Patiala.

Mr. Daya Shanker Sharma: Presented a paper on 'CSR: Empowerment of Women – An Indian Initiative', in International Conference on 'Mainstreaming Gender: Issues and Challenges' organized by Women Studies Centre, Punjabi University, Patiala, 25-26 November 2011.

Mr. Mahesh Kumar: Presented a paper on 'Empowering Indian Working Women through Financial Literacy' in International Conference on 'Mainstreaming Gender: Issues and Challenges' organised by Women Studies Centre, Punjabi University, Patiala, 25-26 November 2011.

Presented a paper on 'Impact of Direct Tax Code' on Individual Investment Choices' in 34 All India Accounting Conference held at Jaipur, 17-18 December 2011.

Presented a paper on 'Reverse Mortgage as a Retirement Financing Option in India: Challenges and Opportunities in National Seminar on 'Emerging Paradigm in Indian Financial Sector', organised by Punjabi University, Patiala, 28 February 2012.

Ms. Manmeet Kaur Bawa: Presented a Poster on 'Corporate Governance in Banking Sector in India' in National Seminar on 'Empowering Growth Through Corporate Governance and Economic Stability Measures', organized by Sri Guru Gobind Singh College of Commerce, University of Delhi, 23-24 February 2012.

Ms. Rashi Theraja: Presented a Paper on Key imperatives for successful Mergers and Acquisitions in National Conference organized by Shaheed Bhagat Singh College, University of Delhi, 20-21 January 2012.

Dr. Shridharam: Presented a paper Nagarjun ke Upanyason Mein Stree Jeevan at National Conference, NCERT, New Delhi, 27 June 2011.

Presented a paper 'Chandreshwar Karn ke Aalochana Drishti' at National Conference World Book Fair, Pragati Maidan, New Delhi, 27 February 2012.

Publications

Books

Shridharam, 2011. *Stree Swadheenta ka Prashkan aur Nagarjun ke Upanyas*, Antika Prakashan, 2011.

Sagoo, H.K. (ed.), 2011. *Guru Granth Sahib - As a Source of History*, Manpreet Parkashan Publication House.

Sharma, D.S. (ed.) 2012. *Chandreshwar Karn Rachnavali* in five Vol., Antika Prakashan.

Research Articles

Kumar A. 2011. *Economic Growth History of Haryana*, Chinten Journal of Social Science.

2011. *R.T.I – A Tool of Good Governance*. University Press, B.P.S.M.V. Khanpur.

Gill. H.S. 2011. 'Dukh Main Tera Aabhari', 'Tumhari Kathorta', 'Janam ka Labh Aur Yogyata', 'Bya, literally Magazine July-September, 2011.

Kumar, M. *Impact of Direct Tax Code on Individual Investment Choices*, *Business Analysis*, October 2011-March 2012.

Retirement Planning through Reverse Mortgage Option in India: Emerging Trends, Chandigarh Group of Colleges – Management Review Journal, July-December 2011.

Taneja, R. Being Savvy in International Business, *Statesman*, 2 August 2011.

Opportunities in International Business, *Financial Express*, 19 April 2011.

SHAHEED BHAGAT SINGH COLLEGE

Honours/Distinctions

Dr. Varinder Kumar: Awarded Ph.D. 'Frames of Subspaces for Banach Spaces', by the University of Delhi.

Dr. Shivani Arora: Editor –in-Chief of Journal of Business Studies, ISSN: 0975-0150, which is an annual publication by Commerce Faculty of Shaheed Bhagat Singh College, University of Delhi, New Delhi; Member of the Editorial Advisory Board of 'Global Management Horizon', a refereed journal; Member of the Editorial Board of International Journal IMTVIJ ISSN 2231-3311; Reviewer of International ly indexed Online Open Access Research Journal '*Indian Journal of Commerce and Management Studies*' ISSN : 2229-5674; Reviewer for JM International Journals; Reviewer for International Journal of Financial Management; Reviewer with Science Journal of Business Management ISSN: 2276-6316, an International refereed Journal.

Seminars/Conferences attended

Dr. Shantesh Kr. Singh: Presentation at University of Allahabad on 'Interconnectedness of Globalization and Civil Society in 21st century: An analysis', in International Seminar on 21-22 March 2012.

Ms. Simple Mohanty: Presented a paper titled, 'Jammu's Avenging Angels: Articulation of the Gender question in the Amarnath land agitation' at the International Seminar on Gender, Development and Violence, organized by the Department of Sociology, Jamia Millia Islamia in collaboration with UNESCO and ICSSR, 12-13 October 2011.

Dr. K.K. Krishna: Attended a National Seminar on Human Rights organized by the Dept. of Political Science, Jesus and Marry College, University of Delhi, 18-19 January 2012.

Ms. Priyanka Goel: Attended International Seminar on 'Human Rights and Social Inclusion: Contemporary Concerns' organized by the Dept. of Political Science, Jamia Milia Islamia, New Delhi, November 2011.

Dr. Varinder Kumar: Attended International Colloquium on 'History of Mathematical Sciences and Symposium on Non Linear Analysis', organized by Kumaun University, Almora, May 2011.

Mrs. Renu Gupta and Mrs. Jyoti Varshney: Attended the National Workshop and Training on 'Differential Equations and Mathematical Modelling' held at Lady Shri Ram College for Women, University of Delhi, February 2012.

Mrs. Jyoti Varshney: Attended the National Workshop on 'Applications of Mathematics in Industrial Research' held at Laxmibai College, University of Delhi, January 2012.

Mrs. Jyoti Varshney, Dr. Binay Kumar and Dr. Varinder Kumar: Attended the International Workshop on 'Wavelets, Frames and Applications' held at Kirori Mal College, University of Delhi, December 2011.

Dr. Vishwaraj Sharma: Presented the paper entitled 'Industrial Development and its impact on the Environment: A case study of Agra City' in XXXIII Indian Geography Congress, National Association of Geographers, India at University of Burdwan, Kolkata, 19-21 November 2011.

Amrita Bajaj: Presented the paper entitled 'Problems of Water Quality and Exploitation in South Delhi', in XXXIII Indian Geography Congress, National Association of Geographers, India, at University of Burdwan, Kolkata, 19-21 November 2011.

Participated in National Seminar on 'Delhi: The Saga of a Mega City' organized by Department of Geography, Miranda House College, 1 March 2012.

Dr. Shivani Arora: Paper titled, '*E-Commerce – Perspectives of Indian Customer*' for presentation at Cambridge Business and Economic Conference 2012, at Cambridge University, London.

Dr. Meera Mehta: 'Performance Analysis of Indian Banks' Pinnacle 2012, National Conference on Innovative Paradigms in Contemporary Management, S.B. Jain Institute of Technology, Management & Research, Nagpur.

Paper entitled 'Performance Evaluation of Reverse Mortgage loans in India' has been at International Conference on 'Contemporary Innovative Practices in Management' - Udaipur.

Paper entitled "Demystifying Basel III for Indian Banks" at the International Conference on Technology and Business Management (ICTBM-12)-Dubai.

Ms. Suchi Priya Mittal: Presented a Paper titled 'Creating Sustainable Competitive Edge Through Emotional Intelligence' in an International Conference organized by Guru Nanak Institute of Management Studies affiliated to G.G.S.I.P. University, 27 January 2012.

Ms. Shweta Pandey: Presented a paper on the topic 'Mergers and Acquisitions - A Study of Indian Banking Sector' in the 3rd National Conference of Shaheed Bhagat Singh College, January 2012.

Ms. Shweta Pandey and Raj Kumar Aggarwal: Presented a paper on the topic 'IFRS- Adoption or Convergence' in the National Seminar of SGGCC, 2012.

Ms. Kiran Bala: Paper Presented Paper on 'Crisis Communication and Management' presented in International Conference Civic Challenges, Democracy and Media (ICCCDM) organized by Institute of Journalism & Mass Communication, Mangalayatan University, Aligarh.

Paper on 'Privatization of Education' presented in 11th International Conference on Frontier Global Issues and Challenges in the New Millennium on Emerging Economy, Accounting, Finance, Information & Communication Technology, Business & Management.

Paper on 'Corporate Governance and Merger and Acquisition' presented in National Conference on 'Mergers and Acquisitions', Shaheed Bhagat Singh College, 20-21 Jan. 2012.

Poster on 'Corporate Governance and Family controlled businesses' presented in National Seminar on 'Empowering Growth through Corporate Governance and Economic Stability Measures', Sri Guru Gobind Singh College of Commerce, 23-24 February 2012.

Ms. Deepa V.: Presented a paper on 'Representation of Disability in Select Tamil poems of Ekalaviyan's Kavichitharlalkal' in the National Seminar held in JNU, March 2011.

Dr. Vishwa Raj Sharma, Ms. Amrita Bajaj, Mr. Janki Jiwan and Ms. Swarnima Singh: Attended and presented their research papers in the 33rd Indian Geography Congress of the National Association of Geographers (NAGI) held at University of Burdwan, West Bengal, November 2011.

Dr. Harish Handa and Ms Pooja Talwar: Presented a paper entitled 'Dynamics between Stock Market Stock Returns and Overseas Investors' at 3rd International Conference in Gwalior, December 2011.

Presented a paper entitled 'Sustaining Development through FII at the National Seminar on Business for Sustainable Development at Delhi in February, 2012, organized by Department of Commerce, Jesus and Mary College, University of Delhi.

Mr. Amit K. Singh: The paper titled, 'IPO Grading: Who does IPO Grading help?' has been for presentation at the 2012 meeting of World Finance Conference - Rio de Janeiro, Brazil (2nd-4th July, 2012) (Co-authored with Prof. K.V. Bhanumurthy).

Presented a paper titled 'Do Foreign Institutional Investors Really Drive the Indian Stock Market?' at the 2nd World Finance Conference held at Rhodes, Greece. Europe, 15-17 June 2011. (Co-authored with Prof. K.V. Bhanumurthy).

Presented a paper titled 'Does IPO Grading useful for the Investor' at the 11th International Conference organised by Research Development Association, Jaipur and also Won the Best paper Award, 5-6 January 2012.

Presented a paper titled, 'IPO Grading: Who Does IPO Grading help?' at the 6th National Seminar on Indian Capital Market organized By IBS Gurgaon, 2-3 March 2012.

Dr. Vijay Vrat Arya: Received the best paper award in one of the technical sessions of the National Seminar on '*Empowering Growth through Corporate Governance and Economic Stability Measures*', organized by Sri Guru Gobind Singh College of Commerce, University of Delhi during 23-24 February, 2012.

Publications

Kumar, J. Edited books for BA (Hons.) Political science under the semester system.

Singh, S.K. Authored chapters 'Early Indian Responses' with Ms. Priyanka Goel and 'Security Laws' (with Dr. K. K. Krishna) in Book I.

Authored chapter entitled 'Ideological discourse in Indian National Movement and its Political legacies' (with Ranjeet Kumar and Jitendra Kumar) in Book II.

Authored chapter entitled 'FMCT Negotiations: Implications for South Asia', in Dr. Amulya Tripathy (ed.) 'U.S. Non-Proliferation Policy toward South Asia: Issues and Challenges', Concept Publication.

Published an article entitled 'Assistance from Abroad in ensuring India's Health Security' in World Focus, November-December 2011 issue.

Mohanty, S. Authored a chapter 'Approaches to Politics and Nature of Indian Politics' in Book II.

Authored a chapter 'Colonialism and Imperialism: Brief History and Theoretical perspectives' in Book I.

Krishna, K.K. Authored chapters, 'Organs of Governments' and 'Security Laws' (Preventive detention laws and constitutional exceptions) in Book I.

Authored a chapter 'Federalism in India in Comparative Perspective with Special Reference to Canada' in Book II.

Published an article, 'India as an Emerging Power – A critical analysis' in South Asia Politics, Vol. 10, June 2011.

Goel, P. Authored chapters, 'Economy and Society', 'Early Indian Responses' (Peasant Movement) and 'The Constituent Assembly and the Constitution' in Book I.

Authored chapters, 'Indian Constitution: Provisions and Institutional Functioning' and 'Power Structure in India: Institutional and Social' (with Ms. Sangeeta Mishra) in Book II.

Kumari, K. Edited books for First and Second Semester students of first year in Delhi University.

Ancient and Medieval period (Hindi Poetry).

Post Medieval period (Hindi Poetry).

Story selection.

Pandey, S. and Singh, A.K. Published a paper entitled *Transformations Leadership at Work Place – A Study of BPO Companies* in Journal of Business Studies, January 2012.

Pandey, S. Published a paper entitled *Financial & Operational Performance of Private Sector Banks in India* in Journal of Business Studies, December 2011.

Gupta, R. Published a paper titled *Surrogate Advertising: Concept and Regulatory Measures* in NICE Journal of Business of Shobhit University–Vol. 6, No.1, January–June 2011.

Authored a book titled *Advertising: Principles and Practice* published by S. Chand.

Mehta, M. 'Indian Banks and Basel II- An Econometric Analysis'-The Indian Journal of Finance June 2011.

Arora, S. 'E—commerce- a new business tool' , (ISBN 978-3-8465-5689-4) , published by Lambert Academic Publishing, Germany, is now available in the market, worldwide.

Second Edition of the Book on *E-Commerce* was published.

Paper titled '*Enmeshed State-Web Customers vs. Marketers*' published in JS International Journal of Commerce, June 2011, ISSN: 2231-377X.

Paper titled, '*Promotion Mix-A Comparative Analysis*' published in '*Global Management Horizon*', a refereed journal (ISSN no. 2249-6211).

Paper titled '*E-Commerce in Marketing Communication*' published in DYPDBM International Business Management Research Journal (published bi yearly june and dec).

Paper titled '*Marketers and Customers Synchronizing the Web*' published in AARSH.

International Journal, listed in Cabel Directory USA, Ulrich 'Paper titled '*Online Advertising-Does it pay?*' published in 'Management Convergence'.

Handa, H. Paper entitled 'Govt debt instruments and macroeconomic variables: a statistical analysis' was published in Gitam Journal of Management in December 2011.

Published a paper entitled 'Impact of Index Futures on Indian Market Volatility – An Application of Garch' in 'HSB Research Review in June 2011.

Published a paper entitled Banking Efficiency: An Application of Data Envelopment Approach (DEA) in International Journal of Research in Commerce and Management in September 2011.

Handa, H. and Mehta, M. Contributed a chapter entitled 'Indian Banking: A Gait towards Basel III' in the book 'Emerging Issues in Finance and Accounting' December 2011.

Published an article entitled 'Risk Management System – An Understanding of the Capital Adequacy Norms' in International Management Research Review in December 2011.

Published a Review of a book entitled 'Indian Banking- Technology, Innovation and Key Concern' by Dr. Deepak Tandon *et. al.*

Talwar, P. Published a paper entitled 'Short Term Market Variables and Yield on Bonds: A Statistical Analysis' in Journal of Business Studies in December 2011.

Contributed a chapter entitled 'Subprime crisis and corporate governance disclosure in India' in the book 'Emerging Issues in Finance and Accounting', December 2011.

Joshi, L. Published a paper entitled 'A review of empirical studies on company financial reporting' in Journal of Business Studies in December 2011.

SHAHEED BHAGAT SINGH COLLEGE (EVENING)

Major Activities

Shaheed Bhagat Singh memorial lecture was delivered on March 23, 2012 by Shri Ashok Kumar Panda, an eminent legal professional in Supreme Court of India and an authority on Shaheed Bhagat Singh.

This year, inaugural lecture in this series was delivered by Prof. Swaran Singh, School of International Studies, Jawahar Lal Nehru University on the topic 'Why China Matters to India: Indo-China Relations since 1990's'. The other lecture was delivered by Prof. H. Ramachandran, Department of Geography, University of Delhi on the topic 'Towards an Urban India'.

Library Development

Total Budget	:	₹ 5,70,000/-
Books added	:	1187
Journals subscribed	:	40

SWAMI SHRADDHANAND COLLEGE

Library Development

Books added	:	4000
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Seminars/Conferences attended

A.N. Jha: Delivered the key-note address in a UGC sponsored National Seminar entitled 'Challenges Before Higher Education in India,' organized by the post graduate department of History, S.K.M. University, Dumka, Jharkhand.

Publications

Chanana, K. Published five articles, three reviews, seven research papers and translated: The staging of Literature: Theatre Business and Management, Indian Theatre in 2000 and H.S. Shivaprakash, Sahitya Akademi, 2011.

SCHOOL OF REHABILITATION SCIENCES

Library Development

Total Budget	:	₹ 1,00,000/-
Books added	:	30
Journals subscribed	:	14

Publications

Development of the Audio-Visual Tool for the Course Directors of the Caregivers' course for National Trust in collaboration with Saarthak.

SHRI RAM COLLEGE OF COMMERCE

Library Development

Total Budget	:	₹ 28,00,000/-
Books Added	:	1,450
Journals Subscribed	:	65

Seminars/Conferences attended

Dr. Anil Kumar: Presented paper on 'Promoters ownership and Performance of Companies in India' at International Accounting Issue, Beijing, October 2011.

Ms. Astha Diwan: Presented paper on 'corporate Social Responsibility Nexus: An Empirical Analysis of IT Sector' at the International Conference on 'Corporate Governance. The Road Ahead' organized by Sri Ram College of Commerce, Delhi University, 27-29 March.

Presented paper on 'Human Rights to Safe Drinking Water' was present at the International Conference on 'Human Rights in the 21st Century Global Perspective, National Challenges' organized by Shyam Lal College (Eve.), Delhi University, 14-15 February 2012.

The paper on 'Converging Corporate Governance and CSR' was presented at the National Seminar on 'business for Sustainable Development', organized by Jesus and Mary College, Delhi University, 16-17 February 2012.

The paper on 'The Interrelationships between Exports and Output of MSMEs: Tests of Granger Causality' was presented at the 5th National Management Convention on 'Micro, Small and Medium Enterprises: The Way Forward', organized by School of Management, KIIT University at Odisha, 17-18 February 2012. Best Paper Award was given to it.

The paper on 'Effect of M&A on Operating Performance: A Study of Acquiring Firms in India' was presented at the National Conference on 'Mergers and Acquisitions – Issues, Opportunities and Challenges', organized by Shaheed Bhagat Singh College, Delhi University, 20-21 January 2012. Dr. B. B. Goenka Award for Best Paper was given to it.

The paper on 'Right to Safe Drinking Water – Every Consumer Right' presented in the Manubhai M Shah Memorial Research Gold Medals Session at the 64th All India Commerce Conference of the Indian Commerce Association at Puducherry, 13-15 December 2011.

The paper on 'Clean Water – A Consumer Right' was presented at the National Seminar on 'Human Rights and Consumer Protection', organized by Kirori Mal College, Delhi University, 12-13 November 2011.

Linesh V.V.: Presented paper titled 'Radical Plural Democracy: A New Alternative for the Left' at the National Workshop on 'Law, Democracy and Social Justice: Critical Perspectives' at Government Law College, Thrissur, Kerala.

Neha Matlani: Presented paper titled 'India Consumer Protection Act: A Revolution in the Field of Consumer Rights' in the UGC National Seminar on 'Human Rights and Consumer Protection', Kirori Mal College, Delhi University, 12-13 November 2011.

Publications

Books

Dewan, A. 2011. 'Importance of Ethics in Corporate Environment'. Ethics in Governance, (ed.) Mishra, T.K., Aggarwal, S.P. and Tiwari, B.K., Delhi: K.K. Publication, 90-101 print.

Kumar, A. 2012. '*Corporate Laws*'. New Delhi: International Book House.

2012. '*Corporate Governance: Theory and Practice*, New Delhi: International Book House.

Sharma, R. 2011. '*Ek Patthar to Tabiyat se Uchhalo Yaro*'. Published by financial grant received from Central Hindi Directorate, Govt. of India Edition.

Tiwari, H.N. 2012. '*Fundamental of Computers and information System*' with International Book House.

SHYAM LAL COLLEGE

Library Development

Total Budget	:	₹ 4,09,300/-
Books added	:	812
Journals Subscribed	:	33

Seminars/Conferences attended

Ms. Mukta Rohatgi: Attended National Summit on Academia Corporate Interface for up skilling leaders of tomorrow, 9 November 2011.

Ms. Kavita Arora: Participated in a National Conference on 'Mergers and Acquisitions – Issues, Opportunities & Challenges' organized by Department of Commerce, Shaheed Bhagat Singh College, Delhi University, 21-22 January 2012.

Participated in a National Seminar on 'Globalization and Indian Economy' organized by Department of Business Economics, 9-10 March 2011.

Mr. Satish Chandra: Participated in an International Conference on 'Global Economic Downturn: Lessons and ways Ahead' and another Seminar on 'Facilitating Trade and Global Competitiveness' both organized by ICRIER.

Dr. Pravin Kumar: Participated in International Conference on Imagining India as a World Power at Maharaja Agrasen College, Delhi University, 15-16 March 2012; Invited as a Resource Person in a UGC sponsored National Seminar on Indira Gandhi and Economic Issues at Ambala, 20 January 2012; Again invited as a Resource Person in a UGC-sponsored National Conference at Ambala where he presented a paper on 'Satyagrah as a Tool of Mass Mobilisation'.

Participated in an International Conference on Human Rights in the 21st Century: Global Perspectives, National Challenges, 14-15 February 2012.

Mrs. Supriti Mishra: Participated in a National Seminar on 'Financial Sector Reforms in India: The Road Ahead' organized by Shaheed Bhagat Singh College, Delhi University, 21-22 January 2011.

Participated in a National Seminar on 'E-Waste Management and Recycling in India: Issues and Challenges' organized by Department of Economics, Jamia Millia Islamia, New Delhi, 17-18 March 2011.

Mrs. Jyoti Chaudhary: Participated in a National Seminar on 'Financial Sector Reforms in India: The Road Ahead' organized by Shaheed Bhagat Singh College, Delhi University, 21-22 January 2011.

Dr. S. Kumar: Presented research paper in UGC National Symposium on 'Chemistry Innovations for Human Well Being' organized by Department of Chemistry, Himachal Pradesh University, Shimla, 21-22 October 2011.

Publications

Kumar, P. Wrote a book titled *Contemporary India*, Delhi: Abhijit Publications. He also edited a book with Mishra, A.D. and Tater, S.R. published by Abhijit Publications. Wrote an article in *Lok Prakashan*–Varsh III, Ankh II, titled 'Gramin Vikas ka Mithak Aur Yatharth'.

Kumar, S. 2011. Published a research paper on 'Synthesis of Smart Hydrogels by Radiation Polymerization for Use as Slow Drug Delivery Devices' in *Canadian Journal of Chemical Engineering*. Singh, B., Sharma, V. and Kumar, S., 89(6): 1596-1605.

SHYAM LAL COLLEGE (EVENING)

Library Development

Total Budget	:	₹ 3,88,750/-
Books added	:	1174
Journals subscribed	:	01

Seminars/Conferences held

The college organized an International Conference on 'Human Rights in the 21st Century: Global Perspective, National Challenges' on 14-15 of February at India International Centre, Lodi Road, New Delhi.

Seminars/Conferences attended

Dr. Ramesh Kumar: Presented a paper on 'Decentralization and Women's Political Participation in India' in an International Seminar in Hong Kong, jointly organized by Hong Kong Institute of Education and Centre for Citizenship and Governance.

Dr. G.P. Agarwal: Participated in an International Conference on 'Gender Diversity & Cultural Pluralism Canada & India' organized by Centre for Canadian Studies, University of Delhi.

Dr. Sunita Saxena: Attended an International Conference on 'Patrakarita Ka Badalta Swaroop' and presented a paper on 'Social Media Aur Sanyukt Rashtra' organized by PGDAV College (Eve.).

Dr. Ramesh Kumar: Presented a paper on 'Mapping problem of the minorities in the new Millennium: An Indian Context' in an International Conference organized by CSDP, BHU.

Sh. Vikas Jain: Presented a paper titled 'The work of Orifice in the Age of Digital ReProduction and Distribution: Folk on You(r)Tube' in an International Conference on 'Orality, talk, circularity' organized by UGC-SAP (DRS – II) and Erasmus Mundu Joint Doctorate Programme at Jawaharlal Nehru University.

Dr. R.K. Malik: Attended the National Seminar organized by Department of Financial Studies, University of Delhi and a National Seminar on 'Mergers and Acquisitions' organized by Shaheed Bhagat Singh College, University of Delhi, Delhi.

Dr. Ramesh Kumar: Presented a paper on 'Faultlines in the Flat World' in a National Seminar at Kumaun University, Nainital and read a paper on 'Relevance of Gandhism in Contemporary World' at B.D. Jain P.G. College, Agra.

Dr. Shailendra Mohan Singh: Attended National Seminar organized by Shaheed Bhagat Singh College, University of Delhi.

Sh. Vikas Jain: Presented a paper titled 'From Underground 'Sutta' to Mainstream 'Kolaveri di': Understanding Social Media through the Changing Perceptions of Popular Music' at the National Seminar on 'The Cyber-ian Turn in Culture' organized by Jamia Millia Islamia University, New Delhi.

Publications

Books

Shukla, P. 2011. '*Arthur Miller – Moralism in Anglo-American Tradition*', Delhi: Wisdom Publications.

Books Edited

Agarwal, G.P., Khanna, H., Tripathi, A.P. and Shukla, P. 2012. *Media and the New World Order*, (1st Edition). Delhi: Wisdom Publications.

Agarwal, G.P. 2012. 'Indo-Canada Trade Relations and the changing Economic Environment', in *Changing Economic Environment and performance of the Nations: Canada and India*, (Joshi, S., Walid, H. and Bhadarka, N. eds), New Delhi: Excel India Publishers.

SATYAWATI COLLEGE

Library Development

Total Budget	:	₹ 6,84,300/-
Books added	:	1519
Journals subscribed	:	22

Honours/Distinctions

Dr. Rita Negi: Awarded with Ph.D. degree on the topic 'Corporate Governance-Role of Board of Directors in Select Indian Companies' from Department of Business Economics, University of Delhi.

Ms. Anjali Chandra: Presented research paper on marketing – 'Managing 7P's of service Marketing: An extension towards relationship marketing' at School of Management, Gautam Buddha University.

Publications

Islam, S. This year too articles on politics, women, religious sectarianism, Dalits and culture both in English & Hindi appeared in journals and national dailies. Likewise, street theatre performances on the above themes were put up.

The new editions of the books, *Bharat me Dharm aur Algaovaad* (Hindi), Golwalkar: *We or Our Nationhood Defined and RSS Reader* (both in English) appeared.

Jawed, A. Three articles were published in the reputed Mainstream Magazine.

Unity to Partition – A sad saga of the sub-continent.

Swami Vivekanand –An Iconoclastic Ascetic.

Pakistan Failed Jinnha.

Final impression of 'Secular & Nationalist Jinnha' published by Oxford University Press.

SATYAWATI COLLEGE (EVENING)

Major Activities

The college organized its 10th Annual Satyawati Memorial Lecture which was delivered on 30 March 2012 by a distinguished social activist and journalist from Pakistan who spoke on Beyond Borders: People and Perception.

New Courses/Subjects Introduced

Mass Communication in Hindi.

Creative Writing in Hindi.

Library Development

Total Budget	:	₹ 7,53,568/-
Books added	:	2,919
Journals subscribed	:	08

Seminars/Conferences attended

Dr. A. Ravichandran: Presented a paper entitled 'HR Issues and Challenges in Higher Education: A Comparative Study' at a National level Conference on 'Excellence in Higher Education' organized in IIT Delhi, 1-3 April 2011.

Presented a paper entitled 'HR Issues and Challenges in Higher Education: A Study on Professional Institutions in India at a national Seminar on 'Parameters of Excellence in Higher Education' organized in St. Joseph's College of Commerce, Bangalore, 15-16 September 2011.

Publications

Kumar, S. and Gaur P.L. 2012. Situating Games, Physical Activities and Sports in Socio-cultural Historical Context of Medieval Period. University News: A Weekly Journal of Higher Education, Vol. 50, No. 9, pp. 96-100.

Mittal, P. (i) Empirical Investigation of Price Variability Mechanism of Colombo All Share Price Index, Published in Business Analyst, April 2011; (ii) Johansen Co-integration analysis of Indian and Major Global Stock Market Indices: An Empirical Study, Published in NICE Journal of Business, Vol. 6: 1, pp. 9-22, June 2011; (iii) Realized Index Volatility Mechanism of Indian and US Stock Prices, Published in GNIM Journal of Management January 2012.

SHIVAJI COLLEGE

Library Development

Total Budget	:	₹ 2,35,600/-
Books added	:	2000
Journals subscribed	:	41

Appointments of faculty members to higher Posts/Assignments

Dr. Anuradha Mal: Invited to the Norwegian University of Science and Technology under Erasmus Mundus External Cooperation Window to undertake Post-Doctoral research in Cell and Molecular Biology group for a period of one month.

Dr. Surender Singh: Appointed the co-ordinator by Tata McGraw Hill Education for a multidisciplinary book project in which he is also one of the co-authors.

Seminars/Conferences attended

Dr. Rashmi Wardhan: Participated in the National Workshops 'Desophila Stock Center' organised by the Department of Zoology, University of Delhi, and 'Bioinformatics' held at Bioinformatics Center, Sri Venkateshwara College, New Delhi, in January 2012.

Dr. Prabhavathi: Attended National Symposium on 'Molecular Medicine' at Jawaharlal Nehru University, New Delhi, 17-18 February 2012.

Mr. Rahul Singhal: Presented a paper titled 'Preparation and Characterization of Venlafaxine HCl-MMT PLGA Nanocomposites' in International Conference on Nanomaterials and Nanotechnology, held at University of Delhi.

Dr. Promila Mathur, Mr. Mahender Kumar Meena and Mr. Rahul Singhal: Attended a National Workshop on 'Green Chemistry' at D.R. College, University of Delhi, 11-13 January 2012.

Dr. Nandgopal Giri: Attended the International Conference on Nanomaterials and Nanotechnology, Department of Chemistry, University of Delhi, 18-21 December 2011.

Dr. Rajinder Singh: Presented a poster titled 'Role of Corporate Social Responsibility in Corporate Governance' in National Seminar on 'Empowering Growth through Corporate Governance and Economic Stability Measures' at Sri Guru Gobind Singh College of Commerce, New Delhi, 23-24 February 2012.

Mr. Ramesh Malik: Attended National Seminar on 'Empowering Growth through Corporate Governance and Economic Stability Measures' at Sri Guru Gobind Singh College of Commerce, New Delhi, 23-24 February 2012.

Ms. Siamlanvung Hangzo: Attended the National Seminar of the Department of English, University of Delhi titled 'The Dalit Experience and the Question of Marginality', 16-18 February 2012.

Attended an International Seminar on 'Body of Evidence: A Seminar on Crime Fiction' organized by Department of English, St. Stephens College, University of Delhi.

Dr. Virender Bhardwaj: Delivered a lecture on 'Teaching Hindi Abroad' in the 10th International Hindi Utsav organised by – Pravashi Duniya, Aksharam, Indian Council for Cultural Relations at Hansraj College, University of Delhi, 10-12 January 2012. He also participated in a National Symposium, organised by the Center for Reforms Development & Justice (CRD&J), New Delhi, 5 August 2011.

Dr. Darshan Pandey: Participated in National Seminar on 'Samkaleen Yuva Kavita' organized by 'Utkarsh Kala aur Sanskriti Parishad' Satyawati College, University of Delhi, 29 October 2011.

Participated in National Seminar on 'Aupniveshik Maansikta se Purn Samay aur Samaaj ke Madhya Bhasha ka Prashna' at I.P. College, University of Delhi, 3-4 March 2012.

Mr. Vikas Sharma: Participated National Seminar on 'Hindi ki Samkaleen Yuva Kavita' at Satyawati College, University of Delhi, 29 October 2011.

Dr. Shama Mitra Chenoy: Made a presentation on the Tangible Heritage of Shahjahanabad at the India International Centre on 27 October 2011. She also chaired an INTACH sponsored session at IIC on Delhi's Intangible Heritage.

Dr. Amarjiva Lochan: Presented a paper on 'Jatukam Ramathep in Recent Past: An Amalgam of Faiths'. He chaired a panel on 'Religion & Society' at the 11th International Conference on Thai Studies, Bangkok, 26-28 July 2011.

Presented a paper on 'Creating Faith, Marketing Icons: Beliefs, Values and Popular Participation in Thai Buddhism' at the International Conference on 'Religions as Brands – The Marketization of Religion and Spirituality' University of Lausanne, Lausanne, Switzerland, 13-15 October 2011.

Presented a paper 'Sanskrit Terms in Thai Epigraphy: with Special Reference to New Inscriptions in Thailand' at the 15th World Sanskrit Conference, New Delhi.

Mr. Mukesh Kumar Singh: Attended an International Conference on 'The Future of Tourism Education and Growth of Tourism in Asia-Pacific: Vision, Values and Principles' at College of Vocational Studies, University of Delhi, 1 March 2012.

Ms. Nishtha Srivastava: Presented a paper on 'The Material in History: A Case-Study of the Making of New Delhi' at the 72nd session of the Indian History Congress at Punjabi University, Patiala, 10-13 December 2011.

Sh. Bishnu Satapathy: Presented a paper titled 'Globalisation and Market: A theoretical Perspective' at the National Seminar jointly organised by Kumoun University and IIPM at Nainital, 1-2 November 2011.

Presented a paper titled 'Mutli-culturalism and Minority Rights in India and Canada' at International Seminar organised by Canadian Studies Development Programme, BHU at Varanasi, 25-26 February 2012.

SRI VENKATESWARA COLLEGE

Major Activities

The Valedictory Function marking the conclusion of Golden Jubilee year activities of the college was held in the college 20 August 2011. The Golden Jubilee issue of the college magazine 'Neerajana' was released on the occasion. In his elucidative address, Sri Subrahmanyam exhorted the students to do well in all spheres observing the ethical and moral values enshrined in our tradition and culture.

Blisspoint 2011

The Department of Biotechnology, Govt. of India, awarded the Star College status to the college under DBT Scheme for strengthening of Life Science and Biotechnology education and training at undergraduate level.

Library Development

Total Budget	:	₹ 30,40,000/-
Books added	:	6,748
Journals subscribed	:	70

Appointments of faculty members to higher Posts/Assignments

Dr. Rina Ramdev and Dr. Nirmal Kumar: Invited to guest teach in the department of History & Area Study, Aarhus University, Denmark.

Honours/Distinctions

Ms. Rupleena Bose: Won National Award at the 59th National Film Awards 2012.

Dr. Vandana Joshi: Pursuing Post Doctorate Research Project on World War II. She is also an Erasmus Mundus distinguished Visiting Fellow at the University College London.

Seminars/Conferences attended

Dr. Vandana Joshi: Attended two International Workshops 'Berkshire Conference' for Womens' Historians and the Holocaust Studies Conference at USA and presented a paper entitled 'The Holy Ghost, the sleeping Beauty and Prince Charming – Wartime Sexuality in Nazi Germany'.

Dr. Chandramani Singh: Attended the 5th International Conference on Electroceramic (ICE-2011) in Sydney, 12-16 December 2011 and presented a paper on 'Production of BaTiO₂ nanocrystalline powders by high energy milling and piezoelectric properties of corresponding ceramics.

Dr. Anant Pandey: Attended an International Conference of Nanomaterials and Nanotechnology held at University of Delhi, 18-21 December 2011 and presented a paper Dosimetric Characteristics of K₂Ca₂(SO₄)₃-Eu and K₂Ca₂(SO₄)₃-Eu, Ce phosphors'.

Ms. Kavita Rajsekar: Attended an International Conference FAOBMB at Singapore, 5-7 October 2011 and presented a paper entitled 'Role of oxidative stress in Inducing apoptosis – necrosis (or) Senescence in Inter vertebral disc degeneration'.

Ms. Rupleena Bose: Attended an International Conference 'Orality, Circularity, Talk' held at JNU in March 2012.

Dr. Punam Sood: Presented two papers at Indian Institute of Advanced Study, Shimla and UGC national level Seminar in Orissa.

Ms. N. Kalithasammal: Attended an International Symposium on 20 April 2011 and presented a paper entitled 'Women Entrepreneurs of India : Policies, Programmes and Problems' at South Eastern University of Sri Lanka.

Dr. Neeraj Sahay: Attended a Seminar entitled 'Music As source of History' by T.K.V. Subramaniam and 15th Annual Lecturer by Prof. Kesavan Veluthal on 'Dawn of History in Deep South'. He also attended an International Workshop on Visual Culture.

Dr. Anju Kaicker: Attended the 5th Congress of the Federation of Immunological Societies of Asia Oceania (FIMSA), 14-17 March 2012.

Publications

Shah, S.K. Published two books – (i) *Algebra 1*; (ii) *Complex numbers and Theory of Equations*.

Kundu, A. 2012. Published an article 'The Discovery of Defeat' in June 2011, *Hardnews Sociological Theory*, Delhi: Pearson.

Singh, C. 2011. Published three research papers – Barium titanate nanoparticles produced by planetary ball milling and piezoelectric properties of corresponding ceramics, *Materials Letters (Elsevier)* 2011; Structural, electrical and piezoelectric properties of nanocrystalline tin-substituted barium titanate ceramic, *Journal of Alloys and Compounds (Elsevier)* 2011, Lead-free piezoelectric ceramics manufactured from tantalum-substituted potassium sodium niobate nanopowders, *Materials letters (Elsevier)*.

Dr. Vandana published an article 'Maternalism, Race, Class and Citizenship in Nazi Germany' in *Journal of Contemporary History*, London in December 2011.

SCHOOL OF OPEN LEARNING

Major Activities

School of Open Learning is marching towards complete e-governance with an objective to provide better student support services and a better environment to work in for employees and providing online admission facility to the students of School of Open Learning.

Library Development

Total Budget	:	₹ 53 Lakh
Books added	:	12,278
Journals subscribed	:	77

Seminars/Conferences attended

Dr. U.S. Pandey: Attended National Seminar on 'Recent Trends of E-learning Development' at COM-IT New Delhi, 11 April 2011.

National Summit on 'Academia-Corporate Interface for Upskilling leaders of Tomorrow' at PHD House, New Delhi, 9 November 2011.

National Conference on 'Mergers and Acquisitions- Issues, Opportunities and Challenges' organized by Shaheed Bhagat Singh College, at V.P. Chest Institute Auditorium, Delhi University, 20-21 January 2012.

National Seminar on 'Cloud Computing' at COM-IT, New Delhi, 22 February 2012.

Chaired a session on Software engineering, Database & Data Mining at INDIACOM-2012, 6th National Conference on 'Computing for Nation Development' at BVICAM, New Delhi, 23 February 2012.

National Seminar on 'Empowering Growth Through Corporate Governance and Economic Stability Measures' organized by SGGSCC, Delhi University, 23-24 February 2012.

Publications

Books/Monographs

Pandey, U.S. 2011. *Introduction to Computers and Information System & Computer Applications in Business*, New Delhi: Shiksha Publications.

2012. *Computer Applications in Business*, New Delhi: Variety Publications.

Articles in Journals/Periodicals

Pandey, U.S. and Shukla, S. 2011. 'Security issues of e-commerce applications: SQL injection vulnerabilities, threats & solutions' *Indian Journal of Mathematical & Computer Sciences*, Vol. I, pp. 1-16. (ISSN 2249-2070).

Pandey, U.S., Singh, K. and Gupta, P. 2011. 'Technological Innovation In Indian Banking Sector – Use of IT Products', Published in proceedings of *International Journal of Management and Strategy* <http://www.myresearchpie.com/> Vol. No.II, Issue II.

Pandey, U.S. and Sharma, R. 2011. 'E-business: A Secured Futuristic Approach Towards E-Commerce', Published in proceedings of National Conference on Challenges in Information Systems & Technology (Computational Techniques & Business Intelligence) at New Delhi, pp. 89-94.

Pandey, U.S. and Kavita. 2011. 'Internet Technologies and Supply Chain Management' Published in proceedings of National Conference on Challenges in Information Systems & Technology (Computational Techniques & Business Intelligence) at Apeejay School of Management, New Delhi, pp. 95-100.

2011. 'The Comparative Study of Different E-Commerce Payment Gateways' published in *International Journal of Computer Science and Technology*, Vol. 2, Issue 4, pp. 61-65.

2011. 'Electronic Commerce Application for Mobile and Micro-payment Systems' published in *DLINE International Journal of Information and System management*, Vol. 1, No. 3/4, pp. 117-126.

'E-commerce implementation, problems, solutions and popularity in managing supply chain': A comparative analysis of different top 10 Indian e-commerce companies', published in *International Journal of Computer Science and Technology*, Vol. 3, Issue 1, Jan-March, 2012 – ISSN: 0976-8491 (online), 2229-4333 (Print).

Pandey, U.S. and Singh, S. 2011. 'XMOWL model: Supervised approach to transform Syntactic model to semantic model' Published in *International Journal of Research in Commerce, IT & Management* (ISSN2231-5756).

Pandey, U.S. and Meena 2011. 'Neutrosophic relational Database Decomposition' Published in *International Journal of Advanced Computer Science and Applications*.

Pandey, U.S. and Rashmi, A. 2011. 'E-Governance: A Successful Implementation of Government Policies using Cloud Computing' published in proceedings of International Conference on Web Services Computing, 21 November 2011.

'Indian Government Initiative for an effective e-governance', published in proceedings of National Conference on Information and Network technology, at NCINT-2011 at Northern India College of Engineering, New Delhi, 15 October 2011.

'Advanced Security concerns towards Cloud Computing' published in *International Journal of Research in IT & Management*, Vol. 2, Issue 2 (February 2012) pp. 575-583., <http://www.mairec.org>

'Cloud Computing: A Gateway towards successful E-governance' published in proceedings of INDIACOM-2012, 6th National Conference on 'Computing for Nation Development' at BVICAM, New Delhi, pp. 33-36.

'E-Business: An Era of innovative and Digital Intelligent Business A Approach towards E-Commerce' at National Conference on Business Intelligence and Data Warehousing. Organized by University School of Management Studies GGSIP University, Dwarka, New Delhi, 17 March 2012.

Pandey, U.S. and Vibha. 2011. 'Survey of Security Techniques and Architectures for Mobile Commerce Environment' published in proceedings of National Conference ACTA-2011 at ITS Mohan Nagar, Ghaziabad, U.P., 15 October 2011.

'Technological Background of GSM on Application of Mobile Commerce through Mobile Payments', published in proceedings of 3rd International Conference on Information Technology & Business Intelligence at Hyderabad, 25-27 November 2011.

Pandey, U.S. and Kamlesh 'Grid Security' published in proceedings of National Conference on Information and Network technology at Northern India College of Engineering, New Delhi, 15 October 2011.

Pandey, U.S. and Arora, M. 'Answering Imprecise queries in Total Neutrosophic Databases' published in *International Journal of Advanced Concept in Computer Science*, Vol. 2, issue 5, Sept-Oct. 2011, ISSN 0976-5697, pp. 424-429, ICV: 5.47.

2011. 'Supporting Queries with imprecise constraints in Total Neutrosophic Databases' published in *Global Journal of Science Frontier Research*, Vol. 11. Issue 8 version 1.0 pp. 67-72, ISSN 0975-4172, Impact factor: 2.0 available at <http://globaljournals.us/papers>.

Pandey, U.S. and Beena 'Survey of Finding Frequent Patterns in DNA Sequences published in proceedings of INDIACOM-2012, 6th National Conference on 'Computing for Nation Development' at BVICAM, New Delhi, 23-24 February 2012, pp. 385-392.

Pandey, U.S. and Vishal: 'E-Business: An Era of innovative and Digital Intelligent Business A Approach towards E-Commerce' at National Conference on Business Intelligence and Data Warehousing organized by University of Management Studies GGSIP University, Dwarka, New Delhi, 17 March 2012.

Sharma, R., Sharma, A. and Pandey, U.S. 'An emerging innovative ICT tools for next generation of E-Banking System' published in proceedings of 1st International Conference on Innovations and Advancements in Information and Communication Technology at Gautam Buddha University, Noida, 30-31 March 2012.

'An emerging innovative ICT tools for next generation of E-Banking system' published in proceedings of 1st International Conference on Innovations and Advancements in Information and Communication Technology at Gautam Buddha University, Noida, 30-31 March 2012.

'ICT and E-government: Smart next generation public services system' published in proceedings of 1st International Conference on Innovations and Advancements in Information and Communication Technology at Gautam Buddha University, Noida, 30-31 March 2012.

'E-business through ICT: Digital Approach Towards next generation Business' published in proceedings of 1st International Conference on Innovations and Advancements in Information and Communication Technology at Gautam Buddha University, Noida, 30-31 March 2012.

'An Implementation of futuristic secured & Advanced cloud Computing Architecture an are of next generation Digitalization of E-governance' published in proceedings of 1st International Conference on Innovations and Advancements in Information and Communication Technology at Gautam Buddha University, Noida, 30-31 March 2012.

VIVEKANANDA COLLEGE

Library Development

Total Budget	:	₹ 3,90,000/-
Books added	:	1,050
Journals subscribed	:	42

Honours/Distinctions

Dr. Neeta Mathur: Felicitated by the President of India, Smt. Pratibha Patil for her book 'Shastriya Sangeet kae surya'.

Honoured with the title of 'Sur – Mani' by Sur Shingar Sansad, Mumbai.

Seminars/Conferences attended

Mrs. Purnima Vir: Presented paper on 'Water and Health' at the International Conference on food Factors, Taipei, Taiwan, November 2011.

Presented poster on 'Health through Water' at 7th Dubai International Food safety Conference and IAFP's First Middle East Food Safety Symposium 2012, Dubai.

Dr. Sunil Verma: Presented paper on 'Subjective Experiences of People Who Live in Conflicting Zone: A study from Gorkhaland Movement' in International Conference in recent Advances in Cognition and Health, organized by Banaras Hindu University, Varanasi.

Dr. Ranjeeta Phukan: Presented paper on 'Implementation of NREGA Scheme: a case study of Panitola Gaon Panchyat Assam' 2011. 11th International Conference–Research Development Association and Research Development Foundation, Jaipur. Awarded Best Paper.

Dr. Madhuri Sharma: Presented a paper on 'Women's Representation in Medical Advertisement During 19th and 20th Century India. International Conference on Women and Gender in Colonial Context, Paris University, France, January 2012.

Dr. Sukhneet Suri: Scientific Executive Committee member – Organizing Committee – National Conference of Indian Dietetic Association, all India Institute of Medical Sciences, 2011.

Research paper 'Hypolipidemic Effect of Canola Oil' shortlisted for N.R. Naidu award at National Conference of Indian Dietetic Association, All India Institute of Medical Sciences, 2011.

Dr. Sunil Verma: Presented paper on 'Role of Stress in Organizational Development: A case study' in national Seminar on Stress a Coping strategies, organized by Department of Psychology, DAV College, Kanpur.

Dr. Shubhasri Bose: Presented paper on 'Impact of Corporate Governance: an empirical study of selected Indian Banks' at National Seminar at Sri Guru Gobind Singh College, Delhi University, February 2012.

Dr. Madhuri Sharma: Presented a paper on 'Exploring Medical Advertisement as a Source. National Seminar – Assam University, September 2011.

Publications

Books

Mathur, N. 2011. (1st ed.). *Shastriya Sangeet kae Surya*. Delhi: Radha Publications.

Sharma, S. 2012. (ed. Aquil and Roy). *Religion, Warfare and Society in Indian History*. Manohar Publishers, India.

Sharma, M. 2012. *Indigenous and Western Medicine in Colonial India*. Cambridge University Press, India.

Research Articles

Mathur, N. 2012. Haveli Sangeet. *Vageeshwari*. 25.

ZAKIR HUSAIN DELHI COLLEGE

Library Development

Total Budget	:	₹ 15,85,000/-
Books added	:	2,949

Honours/Distinctions

Dr. Sulekh Chandra: Elected member of council and associate editor for Indian Chemical Society. Elected Executive Member of Indian Council of Chemists.

Dr. Sonu Trivedi: Awarded a visiting fellowship at Institute of Asia Pacific Studies, Chinese Academy of Social Sciences at Beijing, China from October - November 2011 and spoke on China's Current Engagement in Southeast Asia at the roundtable discussion held there on 2 November 2011.

Seminars/Conferences held

The 6th Delhi College Lecture was delivered on 12 January 2012, by Padmashree Mrinal Pande, '*Writing in Two and Thinking in Countless Tongues*', she spoke about the importance of the multiplicity of languages present in India and how that affects the mind of the contemporary creative writer.

The 24th Zakir Husain Memorial Lecture was delivered by Shri. C. M Naim, Professor Emeritus, University of Chicago, on 14 March 2012 entitled '*Hasrat Mohini: The Maulana who loved Krishna*'. Prof. Naim talked about Maulana Hasrat Mohini, who was influenced by the ideas of Shri. Aurobindo and Lokmanya Tilak and was enchanted by the divine beauty and love present in the figure of Lord Krishna.

National Workshop on Advances in Information Technology 'Fibre Optics, Photonics & Nanoelectronics' organized by the Physics Department at Zakir Husain Delhi College, 6-7 February 2012.

National Seminar on 'The Dimensions of The Absolute : An Indian Scenario' organized by Philosophy Department at Zakir Husain Delhi College, 21-22 March 2012.

Seminars/Conferences attended

Dr. Sharmistha Sen: Presented a paper on Eco-Critic: Study of Bengali Poetry of Joy Goswami at the Bangladesh International Bengal Congress.

Dr. Sulekh Chandra: Chaired a session and Presented a paper entitled 'Synthesis spectral characterization, molecular modeling and biological evaluation of transition metal complexes derived from novel hexadentate macrocyclic ligands'. International Conference of chemistry, environment and climate change held in Sauva, Fizi, 14-16 September 2011.

Dr. Ayub Khan: Oral presentation of a research paper entitled Chaos Synchronization in a Circular Restricted Three Body Problems under the Effect of Radiation in the 4th International Interdisciplinary Chaos Symposium on chaos and complex systems at Wow Topaki Hotel, Kundu – Antalya, Turkey, 29 April-2 May 2012.

Dr. Sonu Trivedi: Presented a paper India-China Dynamics in Southeast Asia, in the Seminar on Mutual Perception between India and China, Department of International Relations, Tsinghua University, Beijing, 15 November 2011.

Participated in a round-table discussion on India-China Relations speaking on China's South Asia Policy at Peking University, Beijing, 9 November 2011.

Spoke on India-China Engagement: Current Dynamics and Emerging Scenario at a roundtable at Shanghai Institute of International Studies, Shanghai, 26 October 2011.

Dr. Abdul Wahid Farooqi: Presented a paper Corporate Governance Issues in Islamic Banks at the International Conference on Corporate Governance in Banking Sector at Osmania University, Hyderabad (A.P.), 8-9 September 2011.

Customer Services in Banks: A Milestone in Banking Sector Reforms at the National Conference on Innovative Paradigms in Contemporary Management at Department of Management Technology, University of Nagpur, Nagpur, 28 January 2012.

Shraddha Adityavir Singh: Presented a paper 'Body as Text and Context in the works of Atwood and Goswami' at the International Conference on Gender, Diversity and Cultural Plurality: Canada and India at India International Center, New Delhi, funded by the DFAIT, Canada in January 2012.

Dr. Sukrita Paul Kumar: Delivered a plenary talk Translation as Cultural Dialogue in an International Seminar on Ideologies, Politics and Literary Translation at IGNOU in March 2012.

In January 2012, she chaired a session and spoke at the International Conference on Gender, Diversity and Cultural Plurality: Canada and India at IIC, Delhi.

Jameel-ur-Rehman: Presented a paper Sheen Partu aur Uski Kahaniyon ka Mukhtasar Jaiza in the International Seminar on A Historical and critical survey of Novel, Story and fiction writing in Persian language at the Department of Persian, Barkatullah University, Bhopal, 15-16 November 2011.

Jamshed Khan: Presented a paper Jadeed Farsi Adab mein Dastan-e-Kutah: ek mukhtasar jaiza in the 2-Day International Seminar on A historical and critical survey of novel, story and fiction writing in Persian Language at the Department of Persian, Barkatullah University, Bhopal, 15-16 November 2011.

Dr. Malik Saleem Javed: Presented a paper Shirin Kala: An Iranian Short Story International Seminar on A Historical Survey of Novel Story and Fiction writing in Persian Language, at the Barkatullah University, Bhopal, 15-16 November 2011.

Dr. Shahanaz Ara Begum: Presented a paper Naziri Nishapuridar Kishwar-e-Hind International Seminar on Naziri Nishapuri at Department of Persian, Jamia Millia Islamia, 27-29 February 2012.

Presented a paper, A Glance at Mathnavi, Madhonal Kam kundla, at the National Seminar on Persian Mathnavi Writing in the Indian Subcontinent, Department of Persian, Delhi University, 24 February 2011.

Dr. Uma Shankar: Presented a paper India – ASEAN Relations: Strategic Aspects in International Conference on Indo – ASEAN Trade and Investment organized by Institute of Objective Studies, New Delhi at the India International Centre, New Delhi, 8-10 July 2011.

Dr. Mukesh Kumar Jain: Presented a paper Herger & Acquisitions with reference to ethical, social & human resource issues in the National Seminar organized by Shaheed Bhagat Singh College, January 2012.

Presented a paper through poster on The Value of CSR with reference to environmental aspects in a National Seminar organized by Sri Guru Gobind Singh College of Commerce, 23-24 February 2012.

Dr. R. Prabhakar Rao: Presented a paper through poster on the Value CSR with respect to environmental aspects in a National Seminar organized by Shri Guru Gobind Singh College of Commerce, 23-24 February 2012.

Md. Aftab Alam: Presented a report on Discrimination and Intergroup Disparities in Human Development at a National Workshop at IIDS, New Delhi, 26 September 2011.

Publications

Books

Chandra, S. *Simplified Inorganic Chemistry* published by Bookage Publisers.

Beg, M.A. *Managerial Economics* by Global Professional Publishing, United Kingdom.

Rao, R.P. *Cost Accounting: Text & Practical*, Pearson Publication.

Chaturvedi, N. *Modern Drama for M.A. English for IASE* Deemed University, Rajasthan.

Shams, A. *Secular Awami Kirdar aur Nazeer Akbarabadi*.

Alam, S. *Akhtarul Iman ki Shaeri*.

Research Articles

Wazir, M., Arora, V. and Bakhshi, A.K. 2011. Electronic Structures and Conduction Properties of Biopolymers: Biopolymers In Biomedical and Environmental Applications, Kalia, S. and Averous, L. (Eds.) John Wiley & Scrivener Publishing, Chapter 15, pp. 437-458.

Tomar, P.K., Singh, I., Chandra, S., Kumar, A., Singh, A. and Malik, A. 'Development of a New Copper (II) Ion-selective PVC Membrane Electrode Based on Trip (2-benzimidazolymethy) amine', *Ind. Chem. Soc.*, 88(11), 1739-1744.

Chandra, S., Malik, A., Tomar, P.K., Kumar, A. and Sadwal, S. 2011. 'Perchlorate Selective PVC membrane electrode based on Cobalt(II) complex of p-Hydroxyacetphenonesemicarbazone' *Analytical Electrochem.*, 3(4): 379-392.

Chandra, S., Kumar, A. and Tomar, P.K. 2011. 'Synthesis of Ninanoparticle and their Characterization', *J. Saudi Chem. Soc.*

2011. 'Synthesis and characterization of copper nanoparticles by reducing agent', *Journal of Saudi Chemical Society*.

Chandra, S. and Kumar, A. 2011. 'A New Green Catalytic approach for the Oxidative Cyclization of Nitrogen Sulphur Ligand' *ISST Journal of Applied Chemistry*, 2(1): 11-14. ISSN: 0976-7355.

Tyagi, M. and Chandra, S. 2011. Synthesis and spectroscopic studies of biologically active tetraaza macrocyclic complexes of Mn(II), Co(II), Ni(II), Pd(II) and Pt(II) *Journal of Saudi Chemical Society*.

Sharma, A.K. and Chandra, S. 2011. Spectroscopic and biological studies of Co(II), Ni(II) and Cu(II) complexes with 4-aminoantipyrine derivative, *Spectrochim. Acta A*.

2011. Chromium (III) and manganese(II) complexes of macrocyclic ligand containing thiosemicarbazide moiety: Spectrochim and biological studies, *J. Indian Chem. Soc.*

Structural and pharmacological studies on transition metal complexes. *Synth. React. Inorg. Met-Org.-Nano Met. Chem.*

Chandra, S., Ruchi, Qanungo, K. and Sharma, S.K. Synthesis, molecular modeling and spectroscopic characterization of nickel (II), copper (II), complexes of new 16-membered mixed-donarmacrocyclic Schiff base ligand incorporating a pendant alcohol function, *Spectrochim. Acta A*, 79, 1326-1330, 2011.

Chandra, S., Singh, D. and Agarwal, S. Construction of La(III) selective PVC electrode by using compound Diaza-trioxo-dibenzocyclotridecane(DATODBCTD). *Anal. Bioanal. Electrochem.*, 3(2), 201-214,201.

Kumar, U. and Chnadra, S. 2011. Synthesis, spectroscopic characterization of some Schiff base complexes derived from 2 – methyl cyclohexanone and its activity against some fungi. *J. Saudi chem. Soc.*, 15, 19- 24.

Reeta. Franchise Mart- The Source Of Indian Entrepreneur in *The Journal of Education Research of International Foundation for Research Development*.

Human Resource Accounting-Problems in Application in *The Journal of Commerce and Information Technology*, National Institute of Computers & Management, Jaipur.

Human Resource Accounting As An Aid to Human Resource Management in *The Journal of Business Studies*, Shaheed Bhagat Singh College, University of Delhi.

- Abdullah, F.A.S. and Ahmad, K. 2011.** Behaviour of Shrinkage Operators on Wavelet Packet Series in the Southeast Asian Bulletin of Mathematics 35: PP (1-12).
- Khan, A. 2012.** Dynamical Response of non-linear vibration of single-wall carbon nanotubes, Vol. 9, *Journal of computational and Theoretical Nanosciences*, USA.
- Jameel-ur-Rehman, 2011.** Delhi College Tarikh ke Aaine Mein, Delhi's Past and Present: Focus on Persian Sources. Department of Persian, University of Delhi.
- Khan, J. 2011.** Delhi witnesses calamities during times. Delhi's Past and Present: focus on Persian Sources. Department of Persian, University of Delhi.
- Javed, M. S. 2011.** Dehli ki Masjid Tarikh ke Aine Mein, Delhi's Past and Present: Focus on Sources, Dept. of Persian Delhi University.
- Begum, S.A. 2011.** Examples of Katibas Farsi in Delhi Mosques in Delhi's Past and Present, Focus on Persian Sources, Department of Persian, Delhi University.
- 2011.** Life and Works of Rabindranath Tagore in the *Quarterly Journal, Qaid-E- Parsi*, Iran Culture House.
- Kumar, S.** Citizenship: A historical and Conceptual Overview in Citizenship in a Globalized World. Pearson Education, New Delhi.
- Democratization in post-colonial and post-Authoritarian States in Japan Visual. New Delhi: Macmillan Press.
- Shankar, U.,** Obama's Af-Pak Strategy and its Implications for South Asia in the Himalayan and Central Asian Studies Journal, JNU, New Delhi.
- Jain, S. and Jain, N.K. 2011.** 'Learning Techniques in Extended Hierarchical Censored Production Rules (EHCPs) System', *Artificial Intelligence Review*, pp. 1-21, DOI 10.1007/s10462-011-9242-x.
- Chaudhary, D., Jain, S. and Jain, N.K. 2011.** 'Extracting EHCPs Rules from Existing Knowledge Bases', *International Conference on Issues and Challenges in Networking, Intelligence and Computing Technologies (ICNICT' 2011)*.
- Jain, N.K., Jain, S., Chaudhary, D. and Vijay. 2011.** 'Multilingual EHCPs System', *Proceedings of National Conference on Recent Trends in Materials and Devices (RTMD-2011)*, Amity University, May 19-20.
- Beg, M.A. 2011.** 'Energy Issues in South Asia: Key-stone for building bridges'. Published in SAARC: Building Bridges in the South Asian Region, Soz, Saifuddin; Srivastava, R.N. and Gupta, Sanju Gupta (Eds), Book opened in the 17th SAARC Summit at Addu Atol, Maldives.
- 'Commercialization of Social Goods: A Behavioral Analysis' Published in Mittal, S. and Sharma, A. (Eds.) *Contemporary Issues in Marketing and Intellectual Property Rights*, Macmillan Publishers India Ltd., New Delhi 2011.

'Energy Reforms in South Asia: Roadmap for India' paper presented and published in the special issue of Indian Economic Journal, 94th Annual Conference of the Indian Economic Association at Pune, 27-29 December 2011.

'Islamic Banking: An Alternative Approach' paper published in the *International Refereed Journal* published by CGC, Management Review, December 2011.

'Green Marketing: Some Myths and Realities' Paper by for presentation at the 2011 MAG Scholar Conference, Christchurch, New Zealand, 29 May-1 June 2011.

'The Economics of Mergers and Acquisitions: A Case Study of India' Published in *Business Analyst, a refereed Journal* of Shri Ram College of Commerce.

'SAARC Transcending SAPTA and SAFTA: An Optical View on Intra- SAARC Trade', Published in the *Journal of Indian Economic Association* held at Chandigarh.

'GATS: Crucification of India's Higher Education' paper presented in the International Conference on Technology and Business Management Alghurair university, Dubai.

'Rural Development: A close look at New Poverty Alleviation Programme' published by Peace and Development digest.

'Churning Management Solutions: Key to Telecom Bottom Lines'. Published in the Synergy, I.T.S. *Journal of I.T. and Management*.

'Growing Regionalism in an Era of Multi-lateralism' published under Trinity of the South Asian Research and Information System for Developing Countries, Academic Foundation.

'Role of Service Sector in Indian Economy' published in proceedings of National Seminar on Marketing Innovations for Reaching Consumers, ITS, Management and IT Institute, Ghaziabad.

'Impact of online Higher Education in India' Sixth AIMS International Conference on Management.

'Managing Indian Demographic Advantage' published in the proceedings of National Seminar on Need for HR Renaissance in India, ITS, Management and IT Institute, Ghaziabad.

Discussant in the Seminar on East Asia Summit: Strategic and Economic Issues' organized by RIS, New Delhi.

'Efficiency of Banks in India', NIEC *Journal of Business*.

Discussant in the Seminar on 'India-Srilanka FTP: Trends and prospects organized by RIS.

ZAKIR HUSAIN POST GRADUATE COLLEGE (EVENING)

Library Development

Total Budget	:	₹ 3,50,000/-
Books added	:	966
Journals subscribed	:	28

New Additions

Dr. Qamrul Haque Khan, Department of Mathematics.

Dr. Subrat Keshari Rout, Department of History.

Honours/Distinctions

Dr. (Ms.) Madhumita Chakraborty, Dr. Rajanikant Verma, Dr. Islam Ali, Dr. (Mrs.) Urmila Bharti, Dr. Munshi Mohd Younus, Dr. (Mrs) Pakiza Samad, Dr. (Mrs.) Tejaswini Deo and Dr. S.A.R. Geelani: Awarded Ph.D. Degree.

Seminars/Conferences held

Mr. Asmi Raza: Attended International Seminar in Gwahati on 'Asia Rising Implications for World Economy' which was graced by Nobel Laureate Prof. Joseph Stiglitz and Professor of Economic and distinguish economist Lord Meghnet Desai.

Dr. Maroof ur Rehman: Participated in International Seminar on the topic 'the Gross Cultural Migration of Pancatantra and its relevance in contemporary word.

Dr. Iqbal Sayeed: Attended an International Seminar on Corporate Governance : The Road Ahead at Shri Ram College of Commerce.

Ms. Shubhra Pant Kothari: Presented a paper on 'Democratization and participatory Development: Inclusive Policies for Women PRIs in India in a National Seminar on Relevance of Dr. Ambedkar's Ideas Today at ICSSR.

Seminars/Conferences attended

Dr. Rashmi: Presented a paper at an International Conference organized by the Zanzibar Ocean Research Institute. She also went to Oxford University for an academic orientation programme.

Dr. Partho Datta: Read papers at the 14th International Planning History Society Conference, Istanbul at the International Conference on 'The City in South Asia', Japan, and at the International Conference organized by the National archives and Historical Studies, Libya.

Ms. Shubhra Ray: Presented a paper at the 21st European Conference on Modern South Asian Studies, University of Bonn, Germany.

Dr. Madhumita Chakraborty: Presented a paper at the Film and History Conference, University of Wisconsin, Milwaukee, USA.

Mr. Sanjib Kumar Baishya: Participated in an International Symposium, at the Indira Gandhi National Centre for Arts, New Delhi.

Dr. Maroof-ur-Rehman: Presented a paper 'Sanskrit Sahitya Main Jal Sarakchan' at an International Seminar.

Dr. Madhumita Chakraborty and Ms. Shubhra Ray: Presented a paper at the annual International IACLALS Conference at Trivandrum.

Dr. Chandan Kumar: Presented a paper in National Seminar on 'Inter-conflict between Mind and Milieu: The Literature Flux' at Charkhi Dadri, Haryana.

Dr. Zahir Ali Khan: Participated in three National Workshops and he presented a paper in National Seminar organised by Raza Library, Rampur.

Presented another paper in National Seminar organised by National Urdu Research Scholar Association.

Dr. Athar Hussain: Presented a research paper at, 'Expanding Horizons of the Merchants of Shekhawat' in the 18th Century, Seminar organized by Rajasthan History Congress at Jodhpur.

Publications

Books

Moshal, B.S. Published a book entitled as 'Principles of Management, Business and Corporate Law.'

Verma, R.K. Published a book entitled as, 'Managing Attitudinal changes through OB Mechanism: with reference to selected Public and Private Sector Banks'. The book has been published by Lambert Academic Publishing, Germany.

Ali, I. edited 'Contemporary Africa: issues and concerns, Delhi: Global vision Publishing House.

Raza, A. 'Agriculture and Food Security'. The book was released by C. Ranga Rajan, Chairman Advisory Economic Council.

Tigga, S.P. 2011. Contributed poem titled 'Soul ripper' in a book published Aquirelle anthology-100, book one.

Kotarhi, S.P. 'The Politics of Womens' Reservation Bill Issue, and 'Citizenship and Globalization.

Tabassum, S. 'Kuchh Nazmein Kuchh Geet'.

Kumar, C. 'Suchna Ka Adhikar Aur Panchayati Raj (RTI and Panchayati Raj).

Research Papers

Younus, M.M. Contributed a Chapter on Marginality in a book on Bengali Marginal literature. He wrote another article on Conflicts in between Tagore Heroes, Ajanta Journal.

Two research papers written by Dr. Islam Ali were published on Africa in two different journals.

Hussain, A. contributed a research paper on Fort of Narwar and its Inner structures in Forts of India, (ed) K.S. Gupta, Udaipur.

Kothari, S.P. Published a research paper on the Issue of Womens' Political Participation in India and its effects in the Urban areas, Nagarlok.

Rehman, H. Contributed a chapter in the edited book titled, as'Information Professionals issues and challenges in Digital age.

Raza, A. Prepared a working paper on "Two Decades of Economic Reforms in India- published by ASSOCHAM New Delhi.

Shoeb, M. Research Paper E-Commerce 'A Blessing or a Curse' in *Asian Journal of Management Research* ISSN=2229-3795.

Chakraborty, M. Research paper : Redefining Culture: The Changing dynamics of Indian Television, in Search : *A Journal of Humanities*.



89th
ANNUAL REPORT
2011-2012

PART - II
(INFORMATION AND DATA)



UNIVERSITY OF DELHI

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INFORMATION

MEMBERS OF STATUTORY BODIES OF THE UNIVERSITY

THE COURT

Statute 2(1)(i)

Chancellor

Hon'ble Mohd. Hamid Ansari

Statute 2(1)(ii)

Pro-Chancellor

Justice S.H. Kapadia

Statute 2(1)(iii)

Vice-Chancellor

Professor Dinesh Singh

Statute 2(1)(iv)

Pro-Vice-Chancellor

Professor Vivek Suneja

Statute 2(1)(v)

Dean of Colleges

Professor Sudhish Pachauri

Statute 2(1)(vi)

Director, South Delhi Campus

Professor Umesh Rai

Statute 2(1)(vii)

Treasurer

Ms. Janaki Kathpalia

Statute 2(1)(viii)

Ex-Vice-Chancellors

Professor Upendra Baxi

Professor Vrajendra Raj Mehta

Professor Deepak Nayyar

Professor Deepak Pental

Statute 2(1)(ix)

Librarian

Statute 2(1)(x)***Proctor***

Professor Harinder Pal Singh (upto 12.02.2012)
Professor I. Usha Rao (w.e.f. 13.02.2012)

Statute 2(1)(xi)***Dean, Students' Welfare***

Professor J.M. Khurana

Statute 2(1)(xii)***Heads of the Departments***

Professor Sumanyu Satpathy	English	(upto 27.07.2011)
Professor Sambudha Sen	English	(w.e.f. 28.07.2011)
Professor Mithilesh Kumar Chaturvedi	Sanskrit	
Professor H.S. Prasad	Philosophy	
Professor Kusum Agarwal	Germanic & Romance Studies	
Dr. Paramjeet Kaur Walia	Library & Information Science	
Professor Gopeshwar Singh	Hindi	
Dr. Syed Ali Karim	Urdu	(upto 09.04.2011)
Professor Tauqeer Ahmad Khan	Urdu	(w.e.f. 10.04.2011)
Professor A. Mariappan	M.I.L. & Literary Studies	
Professor K.T.S. Sarao	Buddhist Studies	
Professor Ramesh Chand Sharma	Linguistics	
Professor Anand Prakash	Psychology	(upto 22.12.2011)
Professor N.K. Chadha	Psychology	(w.e.f. 23.12.2011)
Dr. Wali Akhtar	Arabic	(upto 15.08.2011)
Professor Mohd. Nauman Khan	Arabic	(w.e.f. 16.08.2011)
Professor Rehana Khatoon	Persian	
Dr. Manjit Singh	Punjabi	
Professor R.P. Tandon	Physics & Astrophysics	
Professor A.K. Bakshi	Chemistry	(upto 31.07.2011)
Professor S.M.S. Chauhan	Chemistry	(w.e.f. 01.08.2011)
Professor S.L. Malik	Anthropology	
Professor Ashok Kumar Singh	Zoology	
Professor I. Usha Rao	Botany	(upto 12.06.2011)
Professor S.C. Bhatla	Botany	(w.e.f. 13.06.2011)
Dr. (Ms.) Kumud Khanna	Home Science	(upto 16.10.2011)
Dr. (Ms.) Anupa Sidhu	Home Science	(w.e.f. 17.10.2011)
Professor Talat Ahmad	Geology	(upto 31.05.2011)
Professor Chandra Shekhar Dubey	Geology	(w.e.f. 01.06.2011)
Professor S.S. Agarwal	Pharmacy	(upto 31.08.2011)
Professor B.P. Srinivasan	Pharmacy	(w.e.f. 01.09.2011)

Professor Gurdip Singh	Law
Professor M.S. Bhatia	Psychiatry (UCMS)
Professor S.K. Verma	Forensic Medicine (UCMS)
Professor Sanjay Chaturvedi	Community Medicine (UCMS)
Professor P.N. Agarwal	Surgery (MAMC)
Professor Mukul P. Agarwal	Medicine (UCMS)
Professor Kiran Mishra	Pathology (UCMS) (upto 21.01.2012)
Professor Meera Sikka	Pathology (UCMS) (w.e.f. 22.01.2012)
Professor Neelam Balavaid	Obstat. & Gyna. (MAMC)
Professor S.K. Bhattacharya	Pharmacology (UCMS) (upto 19.07.2011)
Professor Pramod Kumari	Pharmacology (UCMS) (w.e.f. 20.07.2011)
Professor Rama Anand	Radiology (LHMC) (upto 22.10.2011)
Professor Gopesh Mehrotra	Radiology (UCMS) (w.e.f. 01.12.2011)
Professor B.D. Banerjee	Med. Bio-Chemistry (UCMS) (upto 29.01.2012)
Professor S.K. Bansal	Med. Bio-Chem. (VPCI) (w.e.f. 30.01.2012)
Professor M. Nagar	Anatomy (UCMS)
Professor Ajay Kumar Gupta	Orthopaedics (MAMC)
Professor Aneeta Chakravarty	Med. Microbiology (MAMC) (upto 28.10.2011)
Professor Renu Dutta	Med. Microbiology (LHMC) (w.e.f. 29.10.2011)
Professor Nilima Shanker	Physiology (UCMS)
Professor Vijay Kumar	Dermatology & Venerology (MAMC)
Professor Jolly Rohtagi	Ophthalmology (UCMS) (upto 21.10.2011)
Professor Upreet Dhaliwal	Ophthalmology (UCMS) (w.e.f. 22.10.2011)
Professor Raj Kumar	Pulmonary Medicine (VPCI) (upto 28.09.2011)
Professor S.N. Gaur	Pulmonary Medicine (VPCI) (w.e.f. 29.09.2011)
Professor Anand Prakash Dube	Paediatrics (MAMC)
Professor T.S. Anand	Otolaryngology (LHMC) (upto 12.02.2012)
Professor Lakshmi Vaid	Otolaryngology (UCMS) (w.e.f. 13.02.2012)
Professor Ashok Kumar	Anaesthesiology (UCMS) (upto 28.10.2011)
Professor Rajesh Kumar	Anaesthesiology (MAMC) (w.e.f. 29.10.2011)
Professor Mahesh Verma	Dental Sciences (MAMC) (upto 05.10.2011)
Professor Namita Kalra	Dental Sciences (UCMS) (w.e.f. 06.10.2011)
Professor Anita Rampal	Education
The Dean, Faculty of Technology	Mechanical Engg.
Dr. Narender Kumar	Electrical Engineering (DCE) (upto 26.07.2011)
The Dean, Faculty of Technology	Electrical Engineering (w.e.f. 01.08.2011)
Professor Ashutosh Trivedi	Civil Engineering (DCE)
The Dean, Faculty of Technology	Electronics & Comm. Engg. (upto 28.07.2011)
Professor Raj Senani	Electronics & Comm. Engg. (w.e.f. 29.07.2011)
The Dean, Faculty of Technology	Production & Industrial Engg. (w.e.f. 25.07.2011)
The Dean, Faculty of Technology	Architecture & Planning
The Dean, Faculty of Technology	Applied Sciences & Humanities
The Dean, Faculty of Technology	Computer Engineering

Professor J.R.P. Gupta	Instrumentation & Control Engg. (NSIT)	
Professor Pami Dua	Economics	
Professor Basu Dev Chatterji	History	(upto 30.06.2011)
Professor R.C. Thakran	History	(w.e.f. 01.07.2011)
Professor Sanjai Bhatt	Social Work	(upto 03.04.2011)
Professor Sushma Batra	Social Work	(w.e.f. 04.04.2011)
Professor Pradip Kumar Datta	Political Science	
Dr. Suresh Kumar	African Studies	
Professor Nandini Sundar	Sociology	(upto 29.02.2012)
Professor Satish Deshpande	Sociology	(w.e.f. 01.03.2012)
Dr. Barkatullah Khan	Geography	(upto 20.07.2011)
Dr. Anu Kapur	Geography	(w.e.f. 21.07.2011)
Professor Madhu Bhalla	East Asian Studies	(upto 05.04.2011)
Professor Anita Sharma	East Asian Studies	(w.e.f. 06.04.2011)
The Dean, Faculty of Social Scs.	Adult Cont. Edu. & Ext.	
Professor Anupam Mahajan	Music	
Professor Bal Kishan Das	Mathematics	
Professor P.K. Kapoor	Operational Research	(upto 28.08.2011)
Dr. Preeti Wanti Srivastava	Operational Research	(w.e.f. 29.08.2011)
Dr. (Ms.) Neelima Gupta	Computer Science	(upto 20.10.2011)
Dr. (Ms.) Vasudha Bhatnagar	Computer Science	(w.e.f. 21.10.2011)
Professor Jagdish Saran	Statistics	
Professor K. Mamkootam	Business Management & Industrial Administration	(upto 23.05.2011)
Professor Raj S. Dhankar	Business Management & Industrial Administration	(w.e.f. 24.05.2011)
Dr. (Ms.) Nuz-hat Isthiaq	Unani Medicine	
Dr. Rajni Sushma	Ayurvedi Medicine	
Professor Anil Kumar Tyagi	Bio-Chemistry	(upto 15.08.2011)
Professor V.K. Chaudhary	Bio-Chemistry	(w.e.f. 16.08.2011)
Professor Rani Gupta	Microbiology	(upto 16.09.2011)
Professor J.S. Viridi	Microbiology	(w.e.f. 17.09.2011)
Professor B.K. Thelma	Genetics	
Professor M.K. Pandit	Environmental Biology	
Professor Avinashi Kapoor	Electronics Science	
The Dean, Fac. of Inter-dis. & Appl. Scs.	Bio-Physics	
Professor Indranil Dasgupta	Plant Molecular Biology	
Dr. D.K. Kansal	Physical Edu. & Sports Scs.	
Professor Rashmi Aggarwal	Business Economics	(upto 19.07.2011)
Professor V.K. Kaul	Business Economics	(w.e.f. 20.07.2011)
Professor Ranjana Saxena	Slavonic & Finno Ugrian Studies	
Professor K.V. Bhanumurthy	Commerce	

Professor I.M. Pandey
Professor C.P. Gupta
Dr. H.C. Pokhriyal

Financial Studies (upto 16.01.2012)
Financial Studies (w.e.f. 04.02.2012)
Distance & Continuing Education

Statute 2(1)(xiii)

Principals of the Colleges

Dr. Savithri Singh
Dr. Usha Tuteja, Actg. Director
Dr. (Ms.) Kalpana Bhrara, OSD
Dr. Sandeep Sharma, OSD
Dr. Ahmad Yasin
Dr. (Ms.) Raju K. Prashar
Ms. Saroj Kumar, Actg.
Dr. Purbi Saikiya
Dr. (Ms.) Promodini Verma
Dr. Jai Prakash
Dr. G.K. Arora
Dr. Inderjeet Dagar
Shri M. Vijayamohan
Professor B.P. Srinivasan
Dr. Suresh Kumar Garg
Dr. M.S. Rawat
Dr. S.B. Aggarwal
Dr. Inderjeet Singh Bakshi
Dr. Deepak Malhotra
Dr. (Ms.) Malti Gupta, Acting
Dr. Swati Sanya, Director
Dr. (Ms.) Meera Ramachandra
Dr. V.K. Kawatra, Acting
Dr. Praduman Kumar
Dr. D.K. Kansal
Dr. Babli Moitra Saraf
Dr. Santosh Jain Passi
Ms. Bina Agarwal, Director
Dr. (Ms.) Indu Anand
Dr. (Sr.) Marina John RJM, OSD
Dr. Bhim Sen Singh
Dr. (Ms.) Madhu Pruthi
Dr. Anula Maurya
Dr. (Ms.) Minoti Chatterjee
Dr. Atul Murari, Director
Dr. Anupa Sidhu, Director
Dr. (Ms.) Meenakshi Gopinath

Acharya Narendra Dev College
Agricultural Economics Research Centre
Aditi Mahavidyalaya
A.R.S.D. College
Ayurvedic & Unani Tibbia College
Amar Jyoti Rehabilitation & Research Centre
Ahilya Bai College of Nurisng
Bhagini Nivedita College for Women
Bharati College
Bhaskarayacharya College of Applied Sciences
Bhim Rao Ambedkar College
College of Vocational Studies
College of Art
Delhi Instt. of Pharm. Scs. & Research
Deen Dayal Upadhyaya College
Delhi College of Arts & Commerce
Deshbhandhu College
Dyal Singh College
Dyal Singh College (Eve.)
Daulat Ram College
Durgabai Deshmukh College of Special Education
Gargi College
Hans Raj College
Hindu College
Indira Gandhi Instt. of Physical Edu. & Sports Scs.
Indraprastha College for Women
Institute of Home Economics
Institute of Economic Growth
Janki Devi Memorial College
Jesus & Mary College
Kirori Mal College
Keshav Mahavidyalaya
Kalindi College
Kamala Nehru College for Women
Lady Hardinge Medical College
Lady Irwin College
Lady Shri Ram College for Women

Dr. (Ms.) Karuna Kaushik	Lakshmibai College
Dr. (Mrs.) Kanwarjeet Kaur, Offg.	Mata Sundri College for Women
Dr. (Ms.) Savita M. Datta	Maitreyi College
Professor A.K. Aggarwal, Dean	Maulana Azad Medical College
Dr. Pratibha Jolly	Miranda House
Dr. B.K. Jain, Acting	Moti Lal Nehru College
Dr. B.K. Sharma, Acting	Moti Lal Nehru College (Eve.)
Dr. (Ms.) Prabhjot S. Kulkarni	M.V. College of Education
Dr. Sunil Sondhi	Maharaja Agrasen College
Professor Raj Senani, Director	Netaji Subhash Institute of Technology
Dr. Anil Kumari Malhotra	Nehru Homeopathic Medical College
Dr. M.M. Goyal	P.G.D.A.V. College
Dr. Rajesh Kumar, Acting	P.G.D.A.V. College (Eve.)
Dr. Dharmendra Kumar, Director	Pt. Deen Dyal Upadhyaya Physically Handicapped
Dr. Vijay Laxmi Pandit	Rajdhani College
Dr. Santosh Mehta (Offg.)	Raj Kumari Amrit Kaur College of Nursing
Dr. V.K. Sharma	Ram Lal Anand College
Dr. Ashok Kumar	Ram Lal Anand College (Eve.)
Dr. Rajendra Prasad	Ramjas College
Dr. S.P. Aggarwal	Ramanujan College (Eve.)
Dr. Devendra Prakash (Offg.)	Satyawati College
Dr. Satender Kumar Joshi	Satyawati College (Eve.)
Dr. G.K. Kapoor	Shaheed Bhagat Singh College
Dr. P.K. Khurana	Shaheed Bhagat Singh College (Eve.)
Dr. Jatinder Bir Singh	Sri Guru Gobind Singh College of Commerce
Dr. Jaswinder Singh	Sri Guru Tegh Bahadur Khalsa College
Dr. (Ms.) Manmohan Kaur	Sri Guru Nanak Dev Khalsa College
Dr. (Ms.) Shashi Nijhawan	Shivaji College
Dr. (Ms.) S. Lakshmi Devi	Shaheed Rajguru College of App. Scs. for Women
Dr. P.C. Jain	Sri Ram College of Commerce
Dr. (Ms.) S.K. Jolly	Shyama Prasad Mukherji College for Women
Dr. Alka Sharma	Shyam Lal College
Dr. G.P. Aggarwal	Shyam Lal College (Eve.)
Dr. Hari Om	Sri Aurobindo College
Dr. Prashant Kumar, OSD	Sri Aurobindo College (Eve.)
Dr. P. Hemlatha Reddy	Sri Venkateswara College
Dr. Valson Thampu	St. Stephan's College
Dr. Poonam Verma	Shaheed Sukhdev College of Business Studies
Dr. S.K. Kundra	Swami Shraddhanand College
Dr. H.C. Pokhriyal	School of Open Learning
Professor O.P. Kalra	University College of Medical Sciences
Dr. S.N. Gaur, Director	Vallabhbhai Patel Chest Institute

Dr. (Ms.) Renu Sahini, Offg.	Vivekanand College
Dr. Mohd. Aslam Parvaiz	Zakir Husain College
Dr. S.A. Hamideen	Zakir Husain College (Eve.)
Dr. B.C. Das, Director	Dr. B.R. Ambedkar Centre for Bio Medical Research

Statute 2(1)(xiv)(a)

Professors other than Heads of the Departments

Professor Anjali Mittal	Music
Professor Avinash Khare	Physics & Astrophysics
Professor Ashwani Kumar Bansal	Law Centre-I
Professor Ashwani Deshpande	Economics
Professor Aditya Bhattacharjea	Economics
Professor Amar Farooqui	History
Professor Ashok Nagpal	Psychology
Professor Amitabh Mukharjee	Physics & Astrophysics
Professor Anand Mohan Bhola	Geology
Professor Ashum Gupta	Psychology
Professor A.K. Kapoor	Anthropology
Professor A.K. Bhatnagar	Botany
Professor Anand Kumar Verma	Electronic Science
Professor Ajay Kumar	Mathematics
Professor Akshay Kumar Pradhan	Genetics
Professor Akhilesh Kumar Tyagi	Plant Molecular Biology
Professor Ashok Kumar Prasad	Chemistry
Professor Anil Grover	Plant Molecular Biology
Professor Anil Kumar Tyagi	Bio-Chemistry
Professor Anand Prakash	Psychology
Professor Apoorvanand Jha	Hindi
Professor A.G. Vedeswar	Physics & Astrophysics
Professor Abhijit Shankar Dasgupta	Sociology
Professor Arun Kumar Pandey	Botany
Professor Amar Kumar	Botany
Professor Ashok Vohra	Philosophy
Professor Ajay Pandit	Business Management & Industrial Administration
Professor Anita Rampal	Education
Professor A.K. Bakshi	Chemistry
Professor Alka Nagpal	Music
Professor Bidyut Chakrabarty	Political Science
Professor Brajesh Chandra Choudhary	Physics & Astrophysics
Professor Basu Dev Chatterjee	History
Professor Bhikshu Satyapal	Buddhist Studies

Professor Brij Mohan Tankha	East Asian Studies
Professor Bharti Baveja	Education
Professor B.P. Sahu	History
Professor Chander Shekhar	Persian
Professor Debajyoti Choudhury	Physics & Astrophysics
Professor Deepti Omchery Bhalla	Music
Professor Dipti Sharma Tripathi	Sanskrit
Professor Debi P. Sarkar	Bio-Chemistry
Professor D.K. Sinha	Geology
Professor D.S. Rawat	Chemistry
Professor D.S. Kulshrestha	Physics & Astrophysics
Professor (Ms.) E.K. Sharma	Electronic Science
Professor Farhat Hasan	History
Professor Gopa Bhardwaj	Psychology
Professor Girishwar Mishra	Psychology
Professor Geeta Paintal	Music
Professor Gurmeet Singh	Chemistry
Professor G.V.R. Prasad	Geology
Professor Gaysu R. Arvind	Education
Professor Harinder Pal Singh	Physics & Astrophysics
Professor H. Ramachandran	Geography
Professor Hari Mohan Sharma	Hindi
Professor Inderjit Singh	Centre for Environment Management of Degraded Ecosystem
Professor J.P. Sharma	Commerce
Professor J.P. Khurana	Plant Molecular Biology
Professor J.P. Srivastva	Geology
Professor J.V. Meenakshi	Economics
Professor Jawahar Lal Kaul	Campus Law Centre
Professor J.K. Mitra	Business Management & Industrial Administration
Professor Krishna Kumar	Education
Professor K.M. Shrimali	History
Professor K. Muralidhar	Zoology
Professor Kesavan Veluhat	History
Professor K.S. Rao	Botany
Professor K.N. Tiwari	Hindi
Professor Madhu Bhalla	East Asian Studies
Professor Monika Dutta	Chemistry
Professor Madan Mohan Chaturvedi	Zoology
Professor Madan Mohan	Plant Molecular Biology
Professor Madhu Vij	Business Management & Industrial Administration

Professor Mazaahir Kidwai	Chemistry
Professor Mool Chand Sharma	Campus Law Centre
Professor Malashri Lal	English
Professor Manjushree Tyagi	Music
Professor Man Mohan	Physics & Astrophysics
Professor M.P. Sachdeva	Anthropology
Professor Madhu Bala Saxena	Music
Professor M.L. Singla	Business Management & Industrial Administration
Professor M.P. Srivastava	Physics & Astrophysics
Professor M. Jayananda	Geology
Professor Meenakshi Thapan	Sociology
Professor M. Venkat Rajan	Genetics
Professor Muneesh Kumar	Financial Studies
Professor Mahesh Rangarajan	History
Professor Mohan	Hindi
Professor Nandita Babu	Psychology
Professor Navnita Chadha Behera	Political Science
Professor Nirmalangshu Mukherjee	Philosophy
Professor Nandini Sundar	Sociology
Professor Neera Chandhoke	Political Science
Professor N.M. Kamal	Urdu
Professor Nandita Basu	MIL & Literary Studies
Professor Neeta Sehgal	Zoology
Professor Namita Ranganathan	Education
Professor Nayanjot Lahiri	History
Professor Poonam Batra	Education
Professor Pulin B. Nayak	Economics
Professor Poonam Saxena	Law Centre-II
Professor P.D. Sahare	Physics & Astrophysics
Professor P.C. Joshi	Anthropology
Professor P.K. Bhatnagar	Electronic Science
Professor Patrick Dasgupta	Physics & Astrophysics
Professor Pawan Kumar Mathur	Chemistry
Professor Prem Singh	Hindi
Professor Prahlad C. Ghosh	Bio-Chemistry
Professor P.K. Ghosh	Anthropology
Professor P.C. Pattanaik	MIL & Literary Studies
Professor Paramjit Khurana	Plant Molecular Biology
Professor P. Pardha Saradhi	Environmental Biology
Professor R. Geeta	Botany
Professor Rita Kakkar	Chemistry
Professor Ramesh Chand Kuhad	Microbiology

Professor Rajendra Kumar Saxena	Microbiology
Professor Rup Lal	Zoology
Professor Rakesh Kumar Seth	Zoology
Professor Ravinder Gargesh	Linguistics
Professor R.K. Gautam	Hindi
Professor Ramphal Rana	History
Professor Rajiv Khanna	Campus Law Centre
Professor Ramesh Chand Bhardwaj	Sanskrit
Professor Rajan Kumar Mohanty	Mathematics
Professor Ramakant	Chemistry
Professor Rohini Somanathan	Economics
Professor Ramesh Chandra Rastogi	Chemistry
Professor Rashmi Aggarwal	Business Economics
Professor Rakesh Kumar Sharma	Chemistry
Professor Rina Chakrabarti	Zoology
Professor Roma Chatterji	Sociology
Professor Rajni Palriwala	Sociology
Professor R. Ramanathan	Physics & Astrophysics
Professor Rani Gupta	Microbiology
Professor Satwanti Kapoor	Anthropology
Professor Suneera Kasliwal	Music
Professor Subramaniam Annaporni	Physics & Astrophysics
Professor Suresh C. Aggarwal	Business Economics
Professor Surender Kumar	Business Economics
Professor Subhadra Channa	Anthropology
Professor Shormistha Panja	English
Professor S.B.F. Husaini	Persian
Professor Sanjay Jain	Commerce
Professor Simrit Kaur	Business Management & Industrial Administration
Professor Sadhana Saxena	Education
Professor Satya Narayana Tulsi	Microbiology
Professor Sunil Kumar Sharma	Chemistry
Professor Shrikant Kukreti	Chemistry
Professor Sumanyu Satpathy	English
Professor Shashi Prabha Singh	Library & Information Science
Professor Sanjay Jain	Physics & Astrophysics
Professor Subash Chand Jain	Chemistry
Professor Sudhir A. Shah	Economics
Professor Subhash Chander Raina	Campus Law Centre
Professor Shobit Mahajan	Physics & Astrophysics
Professor Sanjay Bhatt	Social Work

Professor Sunil Sharma	Business Management & Industrial Administration
Professor Sunita Singh Sengupta	Business Management & Industrial Administration
Professor Sreenivas Kondapudy	Physics & Astrophysics
Professor Shirshendu Chakrabarti	English
Professor S.B. Menon	Education
Professor Sunil Kanwar	Economics
Professor Santosh Chandra Panda	Economics
Professor Shahid Amin	History
Professor Sunil Kumar	History
Professor Sunita Dhar	Music
Professor Sheela Srivastava	Genetics
Professor S.R. Mittal	Education
Professor Sri Ram Khanna	Commerce
Professor Sreemati Chakrabarti	East Asian Studies
Professor Shaswati Mazumdar	Germanic & Romance Studies
Professor Shashi Bhushan Babbar	Botany
Professor Sheoraj Singh	Hindi
Professor Seema Alvi	History
Professor S.Z. Hussain Jafri	History
Professor Sanjay Sehgal	Financial Studies
Professor Shakuntala Punjani	Sanskrit
Professor Sharda Sharma	Sanskrit
Professor Syed Ali Karim	Urdu
Professor T.C.A. Anant	Economics
Professor T.K. Venketasubramanian	History
Professor Tulsi Patel	Sociology
Professor Tej Bahadur Singh	Mathematics
Professor Tista Bagchi	Linguistics
Professor T.R. Sheshadri	Physics & Astrophysics
Professor Talat Ahmad	Geology
Professor Usha S. Razdan	Law Centre-I
Professor Ujjal Kumar Singh	Political Science
Professor Uday Kumar	English
Professor Uma Garg	Music
Professor Upinder Singh	History
Professor V.K. Bhasin	Zoology
Professor Veena Kukreja	Political Science
Professor V.K. Bhalla	Business Management & Industrial Administration
Professor V. Radha	Music
Professor V. Raghvendra Rao	Anthropology

Professor Vinay Gupta	Physics & Astrophysics
Professor V.S. Parmar	Chemistry
Professor V.K. Vasal	Financial Studies
Professor Ved Pal Singh	Botany
Professor Vinod Kumar	Zoology
Professor Vijay Kapur	Business Management & Industrial Administration
Professor Ved Kumari	Law Centre-I
Professor V.N. Bajpai	Geology
Professor Veena Bakshi	Law Centre –I
Professor Vibha Chaturvedi	Philosophy
Professor V.K. Seth	Business Management & Industrial Administration
Professor Veena Agarwal	Botany
Professor Vibha Maurya	Germanic & Romance Studies
Professor V.K. Srivastava	Anthropology

Statute 2(1)(xiv)(b)

Professors from the Faculty of Medical Sciences

Professor Rashmi Babbar	Physiology (MAMC)
Professor Arun Kumar Aggarwal	ENT (MAMC)
Professor Sudhir Kumar	Orthopedic (UCMS)
Professor S.N. Gaur	Medicine (VPCI)
Professor Usha Rusia	Pathology (UCMS)

Statute 2(1) (xiv)(c)

Professors from the Faculty of Technology

Professor Suresh Kumar Garg	Production & Industrial Engg.
Professor Santosh Kumar Singh	Civil Engineering

Statute 2(1) (xv) (a)

Readers by rotation according to Seniority

Ms. V. Ramalakshmi	East Asian Studies
Dr. (Ms.) Preetam Khandelwal	Business Management & Industrial Administration

Statute 2(1) (xv) (b)

Lecturers by rotation according to Seniority

Dr. Mahavir Kalon	Law Centre-II	
Shri Param Jit	Economics	(upto 30.03.2012)
Dr. Tribhuwan Prasad	African Studies	(w.e.f. 31.03.2012)
Dr. Indira Narain Singh	Buddhist Studies	(w.e.f. 30.03.2012)
Ms. Shreeparna Roy	East Asian Studies	(w.e.f. 31.03.2012)
Dr. (Ms.) Pinki Sharma	Law Centre-II	
Shri Rajender Kumar	Persian	

Statute 2(1) (xvi)

Representatives of Alumni Association

Dr. Ishwar Prakash Mittal	Shri Ram Kumar
Shri Jagdish Chander Kochhar	Shri Sanjeet Kr. Singh
Shri Hari Shankar Gupta	Shri Vijay Kinger
Dr. Tushar Roy	Ms. Indrani Ghosh
Shri Jasbir Singh	

Statute 2(1) (xvii)

Representative of Certain Professions

Shri Rajeev Saxena
Shri Som Dutta Sharma
Shri Jitendra Sharma
Shri Naresh Kumar Beniwal
Shri Ram Narain Vats
Dr. Khem Singh Bhati
Shri Vikas Malhotra
Ms. Shobana Takiar
Shri Devraj Singh
Shri Rajesh Kumar Gogna

Statute 2(1) (xviii)

Representing Industry and Commerce

Shri Shiv Shankar
Shri Ajay Kumar
Shri Sandeep Narula
Shri Anurag Shokeen
Shri Sudhanva Deshpande
Shri Anil Parashar

Statute 2(1) (xix)

Representatives of Legislature

Shri Sandeep Dikshit
Shri Nishikant Dubey
Shri Ravi Shankar Prasad

Statute 2(1)(xx)

Representing of Metropolitan Council

Shri Ramakant Goswami
Shri Anil Bhardwaj

Statute 2(1) (xxi)

Representing Municipal Corporation

Shri Raj Khurana
24, Gujranwala Town, Delhi.

Shri Jagdish Mamgain
A-96, Jawahar Park,
Khanpur, New Delhi.

Statute 2(1) (xxii)

Nominated Members of Central Board of Secondary Education

Shri Vineet Joshi, IAS
Chairman (Officiating)
Central Board of Secondary Education
2, Community Centre
Shiksha Kendra, Preet Vihar, Delhi.

Statute 2(1) (xxiii) (a)

Nominated by the Visitor

Prof. Y.S. Rajan
Dr. Ramdas M. Pai
Dr. Isher Judge Ahluwalia

Shri Rajendra S. Pawar
Dr. K.N. Patil

Statute 2(1) (xxiii) (b)

Nominated by Chief Rector

Dr. D.K. Bandyopadhyay
Vice-Chancellor,
Guru Govind Singh Indraprastha
University, Kashmere Gate, Delhi.

Statute 2(1) (xxiii) (c)

Nominated by Chancellor

Professor Mrinal Miri
Professor Roop Rekha Verma

THE EXECUTIVE COUNCIL

Statute 5(1) (i)

Vice-Chancellor

Professor Dinesh Singh

Statute 5(1) (ii)

Pro-Vice-Chancellor

Professor Vivek Suneja

Statute 5(1) (iii)

Dean of Colleges

Professor Sudhish Pachauri

Statute 5(1) (iv)

Director, South Delhi Campus

Professor Umesh Rai

Statute 5(1) (v)

Director, Campus of Open Learning

Dr. (Ms.) Savita M. Datta

Statute 5(1) (vi)

Treasurer

Ms. Janaki Kathpalia

Statute 5(1) (vii)

Proctor

Professor Harinder Pal Singh

(upto 12.02.2012)

Professor I. Usha Rao

(w.e.f. 13.02.2012)

Statute 5(1) (viii)

Deans of the Faculties

Science

Professor I. Usha Rao

(upto 12.06.2011)

Professor S.C. Bhatla

(w.e.f. 13.06.2011)

Arts

Professor H.S. Prasad

Social Sciences

Professor Nandini Sundar

(upto 29.02.2012)

Professor Satish Deshpande

(w.e.f. 01.03.2012)

Applied Social Sciences
& Humanities

Professor Rashmi Aggarwal

(upto 07.08.2011)

Professor V.K. Kaul

(w.e.f. 08.08.2011)

Statute 5(1) (ix)

Principals

Dr. V.K. Vijayan

(upto 16.03.2011)

Dr. Deepak Malhotra

(w.e.f. 22.04.2011)

Dr. Pratibha Jolly

Dr. S.K. Garg

(upto 28.12.2011)

Dr. Satinder Kumar Joshi

(w.e.f. 29.12.2011)

Statute 5(1) (x)

Representatives of the Court

Shri Anurag Shokeen

Dr. Khem Singh Bhati

(w.e.f. 24.08.2011)

Shri Naresh Kumar Beniwal

Shri Ajay Kumar

Statute 5(1) (xi)

University Teachers' Representatives

Shri Rajib Ray

Dr. Sibha C. Panda

Statute 5(1) (xii)

Visitor's Nominee

Professor Asis Datta

Dr. K.B. Patil

Statute 5(1) (xiii)

Chancellor's Nominee

Shri Javed Choudhary

THE ACADEMIC COUNCIL

Statute 7(1) (i)

Vice-Chancellor

Professor Dinesh Singh

Statute 7(1) (ii)

Pro-Vice-Chancellor

Professor Vivek Suneja

Statute 7(1) (iii)

Dean of Colleges

Professor Sudhish Pachauri

Statute 7(1) (iv)

Director, South Delhi Campus

Professor Umesh Rai

Statute 7(1) (v)

Director, Campus of Open Learning

Dr. (Ms.) Savita M. Datta

Statute 7(1) (vi)

Librarian

Statutes 7(1) (vii)

Deans of the Faculties

<i>Arts</i>	:	Professor H.S. Prasad	
<i>Science</i>	:	Professor I. Usha Rao Professor S.C. Bhatla	(upto 12.06.2011) (w.e.f. 13.06.2011)
<i>Social Sciences</i>	:	Professor Nandini Sundar Professor Satish Deshpande	(upto 29.02.2012) (w.e.f. 01.03.2012)
<i>Law</i>	:	Professor Gurdip Singh	
<i>Management Studies</i>	:	Professor K. Mamkootam Professor Raj S. Dhankar	(upto 23.05.2011) (w.e.f. 24.05.2011)
<i>Mathematical Sciences</i>	:	Professor Bal Kishan Das	
<i>Medical Sciences</i>	:	Professor Jolly Rohtagi Professor Upreet Dhaliwal	(upto 21.10.2011) (w.e.f. 22.10.2011)
<i>Music & Fine Arts</i>	:	Professor Anupam Mahajan	

<i>Technology</i>	: Professor Ashutosh Trivedi Professor Raj Senani	(upto 26.07.2011) (w.e.f. 29.07.2011)
<i>Ayurvedic and Unani Medicine</i>	: Dr. (Ms.) Nuz Hat Ishtiaq Dr. Rajni Sushma	(upto 11.04.2011) (w.e.f. 12.04.2011)
<i>Education</i>	: Professor Anita Rampal	
<i>Inter-Disciplinary and Applied Sciences</i>	: Professor Avinashi Kapoor	
<i>Applied Social Sciences and Humanities</i>	: Professor Rashmi Aggarwal Professor V.K. Kaul	(upto 07.08.2011) (w.e.f. 08.08.2011)
<i>Commerce & Business</i>	: Professor I.M. Pandey Professor K.V. Bhanumurthy	(upto 18.05.2011) (w.e.f. 19.05.2011)

Statute 7(1) (viii)

Heads of the Departments

Professor Sumanyu Satpathy	English	(upto 27.07.2011)
Professor Sambudha Sen	English	(w.e.f. 28.07.2011)
Professor Mithilesh Kumar Chaturvedi	Sanskrit	
Professor H.S. Prasad	Philosophy	
Professor Kusum Agarwal	Germanic & Romance Studies	
Dr. Paramjeet Kaur Walia	Library & Information Science	
Professor Gopeshwar Singh	Hindi	
Dr. Syed Ali Karim	Urdu	(upto 09.04.2011)
Professor Tauqeer Ahmad Khan	Urdu	(w.e.f. 10.04.2011)
Professor A. Mariappan	MIL & Literary Studies	
Professor K.T.S. Sarao	Buddhist Studies	
Professor Ramesh Chand Sharma	Linguistics	
Professor Anand Prakash	Psychology	(upto 22.12.2011)
Professor N.K. Chadha	Psychology	(w.e.f. 23.12.2011)
Dr. Wali Akhtar	Arabic	(upto 15.08.2011)
Professor Mohd. Nauman Khan	Arabic	(w.e.f. 16.08.2011)
Professor Rehana Khatoon	Persian	
Dr. Manjit Singh	Punjabi	
Professor R.P. Tandon	Physics & Astrophysics	
Professor A.K. Bakshi	Chemistry	(upto 31.07.2011)
Professor S.M.S. Chauhan	Chemistry	(w.e.f. 01.08.2011)
Professor S.L. Malik	Anthropology	
Professor Ashok Kumar Singh	Zoology	
Professor I. Usha Rao	Botany	(upto 12.06.2011)
Professor S.C. Bhatla	Botany	(w.e.f. 13.06.2011)
Dr. (Ms.) Kumud Khanna	Home Science	(upto 16.10.2011)

Dr. (Ms.) Anupa Sidhu	Home Science	(w.e.f. 17.10.2011)
Professor Talat Ahmad	Geology	(upto 31.05.2011)
Professor Chandra Shekhar Dubey	Geology	(w.e.f. 01.06.2011)
Professor S.S. Agarwal	Pharmacy	(upto 31.08.2011)
Professor B.P. Srinivasan	Pharmacy	(w.e.f. 01.09.2011)
Professor Gurdip Singh	Law	
Professor M.S. Bhatia	Psychiatry	
Professor S.K. Verma	Forensic Medicine (UCMS)	
Professor Sanjay Chaturvedi	Community Medicine	
Professor P.N. Agarwal	Surgery	
Professor Mukul P. Agarwal	Medicine (UCMS)	
Professor Kiran Mishra	Pathology (UCMS)	(upto 21.01.2012)
Professor Meera Sikka	Pathology (UCMS)	(w.e.f. 22.01.2012)
Professor Neelam Balavaid	Obstat. & Gynaecology	
Professor S.K. Bhattacharya	Pharmacology (UCMS)	(upto 19.07.2011)
Professor Pramod Kumari	Pharmacology (UCMS)	(w.e.f. 20.07.2011)
Professor Rama Anand	Radiology (LHMC)	(upto 22.10.2011)
Professor Gopesh Mehrotra	Radiology (UCMS)	(w.e.f. 01.12.2011)
Professor B.D. Banerjee	Medical Bio-Chemistry (UCMS)	(upto 29.01.2012)
Professor S.K. Bansal	Medical Bio-Chemistry (VPCI)	(w.e.f. 30.01.2012)
Professor M. Nagar	Anatomy (UCMS)	(w.e.f. 01.03.2011)
Professor Ajay Kumar Gupta	Orthopaedics (MAMC)	
Professor Aneeta Chakravarty	Medical Microbiology (MAMC)	(upto 28.10.2011)
Professor Renu Dutta	Medical Microbiology (LHMC)	(w.e.f. 29.10.2011)
Professor Nilima Shanker	Physiology	
Professor Vijay Kumar	Dermatology & Venerology (MAMC)	
Professor Jolly Rohtagi	Ophthalmology (UCMS)	(upto 21.10.2011)
Professor Upreet Dhaliwal	Ophthalmology (UCMS)	(w.e.f. 22.10.2011)
Professor Raj Kumar	Pulmonary Medicine (VPCI)	(upto 28.09.2011)
Professor S.N. Gaur	Pulmonary Medicine (VPCI)	(w.e.f. 29.09.2011)
Professor Anand Prakash Dube	Paediatrics (MAMC)	
Professor T.S. Anand	Otolaryngology (LHMC)	(upto 12.02.2012)
Professor Lakshmi Vaid	Otolaryngology (UCMS)	(w.e.f. 13.02.2012)
Professor Ashok Kumar	Anaesthesiology (UCMS)	(upto 28.10.2011)
Professor Rajesh Kumar	Anaesthesiology (MAMC)	(w.e.f. 29.10.2011)
Professor Mahesh Verma	Dental Sciences (MAMC)	(upto 05.10.2011)
Professor Namita Kalra	Dental Sciences (UCMS)	(w.e.f. 06.10.2011)
Professor Anita Rampal	Education	
The Dean, Faculty of Technology	Mechanical Engineering	
Dr. Narender Kumar	Electrical Engineering (DCE)	(upto 26.07.2011)
The Dean, Faculty of Technology	Electrical Engineering	(w.e.f. 01.08.2011)
Professor Ashutosh Trivedi	Civil Engineering	

The Dean, Faculty of Technology	Electronics & Comm. Engg. (upto 28.07.2011)
Professor Raj Senani	Electronics & Comm. Engg. (w.e.f. 29.07.2011)
The Dean, Faculty of Technology	Production & Industrial Engg. (w.e.f. 25.07.2011)
The Dean, Faculty of Technology	Architecture & Planning
The Dean, Faculty of Technology	Applied Sciences & Humanities
The Dean, Faculty of Technology	Computer Engineering
Professor J.R.P. Gupta	Instrumentation & Control Engg.
Professor Pami Dua	Economics
Professor Basu Dev Chatterji	History (upto 30.06.2011)
Professor R.C. Thakran	History (w.e.f. 01.07.2011)
Professor Sanjai Bhatt	Social Work (upto 03.04.2011)
Professor Sushma Batra	Social Work (w.e.f. 04.04.2011)
Professor Pradip Kumar Datta	Political Science
Dr. Suresh Kumar	African Studies
Professor Nandini Sundar	Sociology (upto 29.02.2012)
Professor Satish Deshpande	Sociology (w.e.f. 01.03.2012)
Dr. Barkatullah Khan	Geography (upto 20.07.2011)
Dr. Anu Kapur	Geography (w.e.f. 21.07.2011)
Professor Madhu Bhalla	East Asian Studies (upto 05.04.2011)
Professor Anita Sharma	East Asian Studies (w.e.f. 06.04.2011)
The Dean, Faculty of Social Scs.	Adult Cont. Edu. & Extn.
Professor Anupam Mahajan	Music
Professor Bal Kishan Dass	Mathematics
Professor P.K. Kapur	Operational Research (upto 28.08.2011)
Dr. Preeti Wanti Srivastava	Operational Research (w.e.f. 29.08.2011)
Dr. (Ms.) Neelima Gupta	Computer Science (upto 20.10.2011)
Dr. (Ms.) Vasudha Bhatnagar	Computer Science (w.e.f. 21.10.2011)
Professor Jagdish Saran	Statistics
Professor K. Mamkootam	Business Management & (upto 23.05.2011)
	Industrial Administration
Professor Raj S. Dhankar	Business Management & (w.e.f. 24.05.2011)
	Industrial Administration
Dr. (Ms.) Nuz-hat Ishtiaq	Unani Medicine
Dr. Rajni Sushma	Ayurvedi Medicine
Professor Anil Kumar Tyagi	Bio-Chemistry (upto 15.08.2011)
Professor V.K. Chaudhary	Bio-Chemistry (w.e.f. 16.08.2011)
Professor Rani Gupta	Microbiology (upto 16.09.2011)
Professor J.S. Virdi	Microbiology (w.e.f. 17.09.2011)
Professor B.K. Thelma	Genetics
Professor M.K. Pandit	Environmental Biology
Professor Avinashi Kapoor	Electronics Science
The Dean, Fac. of Inter-disci. & Appl. Scs.	Bio-Physics

Professor Indranil Dasgupta	Plant Molecular Biology
Dr. D.K. Kansal	Physical Education & Sports Sciences
Professor Rashmi Aggarwal	Business Economics (upto 19.07.2011)
Professor V.K. Kaul	Business Economics (w.e.f. 20.07.2011)
Professor Ranjana Saxena	Slavonic & Finno Ugrian Studies
Professor K.V. Bhanumurthy	Commerce
Professor I.M. Pandey	Financial Studies (upto 16.01.2012)
Professor C.P. Gupta	Financial Studies (w.e.f. 04.02.2012)
Dr. H.C. Pokhriyal	Distance & Continuing Education

Statute 7(1) (ix) (a)

Professors other than Heads of the Departments

Professor Jagdish Saran	Physics & Astrophysics	(w.e.f. 03.03.2011)
Professor P.K. Ghosh	Anthropology	
Professor Gopa Bhardwaj	Psychology	(upto 06.09.2011)
Professor Kuljit Shellie	Punjabi	(upto 09.11.2011)
Professor E.K. Sharma	Electronic Science	(w.e.f. 15.11.2011)
Professor V.S. Parmar	Chemistry	(upto 06.09.2011)
Professor P.K. Bhatnagar	Electronic Science	(w.e.f. 07.09.2011)
Professor V.K. Bhasin	Zoology	(upto 05.09.2011)
Professor Sheela Srivastava	Genetics	(w.e.f. 07.09.2011)
Professor Malashri Lal	English	(upto 23.03.2011)
Professor Neera Chandoke	Political Science	(w.e.f. 04.04.2011)

Statute 7(1) (ix) (b)

Professor from the Faculty of Medical Sciences

Professor Sarla R. Aggarwal	UCMS
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Statute 7(1) (ix) (c)

Professor from the Faculty of Technology

(Vacant)

Statute 7(1) (x)

Principals of Colleges

Dr. M.S. Rawat	Delhi College of Arts & Commerce
Dr. Sunil Sondhi	Maharaja Agrasen College (upto 09.07.2011)
Dr. Deepak Malhotra	Dyal Singh College (Eve.) (w.e.f. 25.07.2011)
Dr. S.K. Kundra	Swami Shardhanand College
Dr. Vijay Kr. Sharma	Ram Lal Anand College
Dr. (Ms.) P. Hemlatha Reddy	Sri Venkateswara College
Dr. (Ms.) Anula Maurya	Kalindi Collge
Dr. G.P. Aggarwal	Shyam Lal College (Eve.)
Dr. S.P. Aggarwal	Deshbandhu College (upto 11.03.2012)

Dr. (Ms.) Shashi Nijawan	Shivaji College	(w.e.f. 12.03.2012)
Dr. Valson Thampu	St. Stephen's College	
Dr. (Ms.) Poonam Verma	Shaheed Sukhdev College of Business Studies	
Dr. Jai Prakash	Bhaskaracharya College of Applied Science	(upto 22.07.2011)
Dr. S.A. Hamideen	Zakir Hussain College (Eve.)	(upto 11.03.2012)
Dr. (Ms.) Madhu Purthi	Keshav Mahavidyalaya	(w.e.f. 12.03.2012)
Dr. O.P. Kalra	Univ. College of Med. Sc.	(upto 22.07.2011)
Dr. Satender Kumar	Satyawati College (Eve.)	(w.e.f. 25.07.2011)
Dr. (Ms.) Purabi Sakia	Bhagini Nivedita College	
Dr. (Ms.) Manmohan Kaur	SGND Khalsa College	(upto 18.08.2011)
Dr. P.K. Khurana	Shaheed Bhagat Singh College (Eve.)	(w.e.f. 30.08.2011)
Dr. Jatinder Bir Singh	S.G.G.S College of Commerce	(upto 20.08.2011)
Dr. Babli Moitra Saraf	I.P. College for Women	(w.e.f. 30.08.2011)

Statute 7(1) (xi)

Dean Students' Welfare

Professor J.M. Khurana (w.e.f. 01.03.2011)

Statute 7(1) (xii)

University Teachers' Representatives

Dr. Virendra Bhardwaj	Dr. Rajesh Kr. Jha
Dr. M.R. Chikkara	Dr. A.M. Khan
Shri Sanjay Verma	Dr. Aruna Chhikara
Dr. V.S. Negi	Dr. Renu Bala
Shri Sanjay Kumar	Shri Sheo Dutt
Dr. A.K. Bhagi	Shri Nawal Kishore
Dr. Rakesh Kumar	Shri R.P. Tulsian
Ms. Meena	Mr. Tamal Dasgupta
Shri Jnanendra Narayan Singh	Dr. Monica Mishra
Shri Nikhil Jain	Dr. Anurag Mishra
Dr. B.L. Sherwal	Dr. Amitava Chakaborty
Dr. Ravi Prakash Tekchandani	Dr. Bal Krishan Raina
Dr. Rajesh	

Statute 7 (1) (xiv)

Co-opted Members

Professor K.C. Upadhyay, J.N.U.	(upto 27.10.2011)
Professor Gangan Pratap	(upto 27.10.2011)
Professor Ambuj Sagar, IIT, Hauz Khas	(w.e.f. 08.02.2012)
Professor V.S. Chauhan, International Centre for Genetic Engg. and Biotechnology	(w.e.f. 08.02.2012)

THE FINANCE COMMITTEE

Statute 10-A(i)

Vice-Chancellor

Professor Dinesh Singh - *Chairman*

Statute 10-A(ii)

Pro-Vice-Chancellor

Professor Vivek Suneja - *Member*

Statute 10-A(iii)

Nominated by the Visitor

Shri Sunil Kumar

(upto 06.09.2011)

Shri Anant Kumar Singh

(w.e.f. 07.09.2011)

Shri S.K. Ray

(upto 08.12.2011)

Shri A.N. Jha

(w.e.f. 09.12.2011)

Statute 10-A(iv)

Elected by the University Court

Shri Shiv Shankar

Dr. I.P. Mittal

(upto 14.01.2011)

Shri Ram Narain Vats

(w.e.f. 24.08.2011)

Statute 10-A(v)

Treasurer

Ms. Janaki Kathpalia

TEACHING STAFF

Obituaries

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Dr. Ajeet Singh Paintal	Retd. Professor	(27.01.2012)
Dr. Md. Suleman Asharaf	Retd. Professor	(02.10.2011)
Prof. Vachaspathi Upadhyaya	Retd. Professor	(11.07.2011)

Appointments

<i>Name</i>	<i>Department</i>	<i>Date</i>
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Professor

Dr. Surinder Kumar	Business Economics	01.02.2011
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Assistant Professor

Dr. Sohini Guha	Political Science	03.01.2011
Dr. Devika Sharma	Political Science	10.01.2011
Dr. Ajit Kumar Mahapatro	Physics & Astrophysics	04.01.2011
Dr. Samarjit Zuiamlak	Physics & Astrophysics	03.03.2011
Ms. Partha S. Chatterjee	Faculty of Mgt. Studies	20.05.2011
Ms. Soma Dey	Faculty of Mgt. Studies	20.05.2011
Dr. Rachna Bhargava	Psychology	05.07.2011
Dr. Ishita Upadhyaya	Psychology	18.07.2011
Dr. Paresh Kumar	East Asian Studies	15.03.2012

Retirement after attaining the Age of 65 years

<i>Name</i>	<i>Department</i>	<i>Date</i>
Dr. Tej Singh	Hindi	(31.07.2011)
Dr. (Mrs.) Sharmishtha Lahiri	Germanic & Romance Studies	(31.12.2011)
Dr. T.S. Satyanath	MIL & LS	(31.01.2012)
Prof. Vishnu Gupta	Mathematics	(31.01.2012)
Prof. H.K. Trivedi	English	(30.04.2012)
Prof. Achin Vanaik	Political Science	(31.01.2012)
Prof. R.D. Gaiha	Faculty of Mgt. Studies	(29.02.2012)
Dr. Nupur Roy Chowdhary	Music	(29.02.2012)
Prof. Veena Bakshi	Law Centre - I	(30.04.2012)
Prof. Ajay Tiwari	Hindi (compulsory Retire)	(01.07.2011)
Prof. Partha Sen	Economics (VRS)	(30.09.2011)

Resignation

<i>Name</i>	<i>Department</i>	<i>Date</i>
Dr. (Ms.) Farzana Afridi	Economics	(01.05.2011)
Prof. Vinay Lal	History	(15.07.2011)
Prof. Shashi Prabha Kumar	Sanskrit	(31.05.2011)
Dr. Pravin Chandra	Institute of Inf. & Comm.	(30.06.2011)
Dr. Kumar Ranjan Bhushan	Chemistry	(28.05.2011)
Prof. Virginius Xaxa	Sociology	(01.04.2011)
Prof. I.M. Pandey	Financial Studies	(16.01.2012)
Dr. Anand Sankar Sengupta	Physics & Astrophysics	(03.02.2012)

Study Leave/Extra-Ordinary Leave/Special Leave, etc.

<i>Name</i>	<i>Department</i>	<i>Date</i>
Dr. Awadhesh Prasad	Physics & Astrophysics	(01.07.2011)
Dr. Anjana Sharma	Law Centre-I	(22.01.2011)
Dr. Sunanda Bharti	English	(14.01.2011)
Dr. A. Shahin Sultana	Social Work	(06.02.2012)
Prof. V.K. Vasal	Financial Studies	(19.01.2011)
Dr. Deepak Mehta	Sociology	(01.01.2011)
Dr. A. Venkatraman	Fac. of Mgt. Studies	(01.02.2012)
Prof. Satish Deshpande	Sociology	(01.02.2011)
Prof. Virginius Xaxa	Sociology	(01.04.2011)
Prof. R.K. Saxena	Microbiology	(21.07.2011)
Dr. Aradhna Aggarwal	Business Economics	(18.08.2011)
Dr. Gail Coelho	Linguistics	(01.03.2011)
Prof. Vinay Kumar Srivastav	Anthropology	(10.03.2011)
Dr. Radhey Shyam Sharma	Environmental Biology	(Releiving to 4 months)
Dr. Vandana Mishra	Environmental Biology	(Releiving to 4 months)
Prof. Gita Paintal	Music	(18.04.2011)
Dr. Usha Tandon	Campus Law Centre	(01.05.2011)
Prof. Inderjit Singh	Environmental Biology	(14.08.2011)
Dr. Rajamani Nagarajan	Chemistry	(10.07.2011)
Prof. Vibha Chaturvedi	Philosophy	(01.08.2011)
Dr. Girdhar K. Pandey	Plant Molecular Biology	(Releiving to 1 year)
Dr. (Ms.) Vandana Saxena	Education	(16.07.2011)
Dr. (Ms.) Nira Goyal	Economics	(16.08.2011)
Dr. (Mrs.) T.S. Raji	Music	(01.07.2011)
Dr. Subhendu Ghosh	Biology	(07.06.2011)
Dr. Gautam Chakravarti	English	(03.01.2012)
Dr. Ram Singh	Economics	(01.09.2011)
Prof. Suneera Kasliwal	Music	(25.04.2011)

Prof. Sumanyu Satapathy	English	(01.08.2011)
Prof. Vijay Kapoor	Fac. of Mgt. Studies	(02.06.2011)
Dr. Tarkeshwar Gupta	Chemistry	(06.09.2011)
Dr. Tapasya Srivastav	Genetics	(21.07.2011)
Prof. Shormistha Panja	English	(01.06.2011)
Prof. Usha Sadhu Rajdan	Law Centre-I	(01.07.2011)
Prof. Subhash Chand Jain	Chemistry	(01.08.2011)
Dr. Seema Sarohe	Education	(01.08.2011)
Dr. Kiran Bhairanavar	Geography	(19.07.2011)
Prof. Rohini Somnathan	Economics	(09.11.2011)
Prof. Seema Alavi	History	(09.05.2011)
Dr. Ramesh Kumar	Germanic & Romans Stu.	(01.09.2011)
Prof. Rajni Parliwala	Sociology	(01.08.2011)
Dr. Pinki Sharma	Law Centre-II	(19.01.2012)
Dr. Nemthianngai Guite	Social Work	(01.08.2011)
Dr. Aarti Paul	Germanic & Romans Stu.	(18.01.2012)
Prof. Mahesh Rangrajan	History	(10.08.2011)
Prof. Brij Mohan Tankha	East Asian Studies	(12.09.2011)
Prof. Basudev Charterjee	History	(21.07.2011)
Prof. A.K. Bakshi	Chemistry	(10.08.2011)
Dr. Nira Goyal	Economics	(16.08.2011)
Dr. Shashi Rani	Social Work	(20.09.2011)
Prof. Sunil Kumar Sharma	Chemistry	(04.02.2012)
Dr. Gitanjali Nain Gill	Campus Law Centre	(01.10.2011)
Mrs. Anjala Kalsie	Fac. of Mgt. Studies	(20.06.2011)
Prof. Shahid Amin	History	(01.08.2011)
Dr. T.V. Manikandan	Music	(14.08.2011)
Prof. Rama Mathew	Education	(01.08.2011)
Dr. Abhijit Banerjee	Economics	(01.12.2011)
Dr. Abha Shukla	Commerce	(01.09.2011)
Dr. Anupama Vohra	Fac. of Mgt. Studies	(30.08.2011)
Dr. Rekha Saxena	Political Science	(24.05.2011)
Dr. K.N. Tiwari	Hindi	(01.10.2011)
Dr. Manjeet Bhatia	WSDC	(31.10.2011)
Dr. Saroj Giri	Political Science	(21.07.2011)
Prof. Madhu Bhalla	East Asian Studies	(July 11 to 12)
Prof. Ashok Nagpal	Psychology	(01.09.2011)
Dr. Meena Radhakrishnan	Sociology	(21.09.2011)
Dr. K. Tharanikkarasu	Chemistry	(01.09.2011)
Dr. Satyaki Bhattacharya	Physics & Astrophysics	(17.08.2011)
Dr. Nabin Kumar Panda	East Asian Studies	(29.11.2011)
Dr. Yasmeen Arif	Sociology	(21.02.2012)

Dr. G. Rajagopal	MIL	(25.11.2011)
Prof. A. Mariappan	MIL	(01.03.2012)
Dr. Awekta Verma	Law Centre-I	(09.01.2012)
Dr. Manju Arora Relan	Law Centre-I	(01.12.2011)
Dr. Sunaina Kanojia	Commerce	(10.10.2011)
Dr. Gunjan Gupta	Campus Law Centre	(14.11.2011)
Dr. V. Ravichandran	Mathematics	(01.01.2012)
Prof. Tulsi Patel	Sociology	(01.02.2012)
Dr. Vinod Tiwari	Hindi	(22.11.2011)
Dr. Suman Gupta	Campus Law Centre	(01.12.2011)
Dr. Neelima Gupta	Computer Science	(02.01.2012)
Dr. Garima Gupta	Fac. of Mgt. Studies	(14.11.2011)
Dr. Kavita Sharma	Commerce	(01.01.2012)
Dr. Minni Sawhney	Germanic & Romance Stu.	(01.01.2012)
Dr. Nasra Sultana	Urdu	(01.11.2011)
Prof. Raghav Gaiha	Fac. of Mgt. Studies	(19.12.2011)
Ms. Alok Sharma	Law Centre-I	(12.12.2011)
Dr. Swati Diwakar	Environmental Biology	(07.02.2011)
Dr. Ashis Kumar Saha	Geography	(01.11.2011)
Dr. Preeti V. Mishra	Education	(13.07.2011)
Dr. Meena Panickar	Law Centre-I	(18.01.2012)
Prof. Sushma Batra	Social Work	(18.01.2012)
Dr. Poonam Singh	Statistics	(02.01.2012)
Dr. Meera	Lib. & Information Sc.	(18.01.2012)
Prof. Ashok Vohra	Philosophy	(15.01.2012)
Prof. Ujjwal Kumar Singh	Political Science	(Mid Feb. to July 12)
Prof. R.C. Bhardwaj	Sanskrit	(one year from DOR)
Prof. Sunita Singh Sengupta	Management Studies	(01.02.2012)
Prof. R.C. Sharma	Linguistics	(01.03.2012)
Dr. Bindu Puri	Philosophy	(14.02.2012)
Dr. Anupam Jha	Law Centre-II	(31.03.2012)
Prof. Nandini Sundar	Sociology	(19.03.2012)
Dr. Gurpreet Grover	Statistics	(05.01.2012)

Visiting Professors/Adjunct Professor

<i>Name</i>	<i>Department</i>	<i>Date</i>
Prof. Jose F. Duardo	Germanic & Romance Stu.	(One month from DOJ)
Dr. Marino Alberto Balducci	Germanic & Romance Stu.	(16.08.2011)
Ms. Susana Margarida Goncalves de Carva	Germanic & Romance Stu.	(28.07.2011)
Shri Paranjay Guha Thakurta	Political Science	(01.08.2011)
Ms. Justyna Guziak Jasiuleeicz	Slavonic & Finno-Ugrian	(12.08.2011)

Prof. Jay Drydyk	Philosophy	(15.12.2011)
Shri Ovidiu Ivancu	Germanic & Romance Stu.	(14.10.2011)
Ms. Teresa Simon Cabodevilla	Germanic & Romance Stu.	(06.09.2011)
Shri Suniti Kr. Pathak	Buddhist Studies	(01.09.2011)
Shri M.K. Das	Buddhist Studies	(01.12.2011)
Shri Yogendra Yadav	Political Science	(06.09.2011)
Dr. Yogesh Sabharwal	Computer Science	(one year from DOJ)
Dr. Lynn Hetherington Blin	Germanic & Romance Stu.	(8 days from DOJ)
Dr. Carola Hilms	Germanic & Romance Stu.	(12 days from DOJ)
Prof. Jay Martin	English	(28.12.2011)
Prof. Susana Pennybacker	History	
Prof. Paramjit Singh Judge	Sociology	(18.09.2011)
Muraleedharan Tharayil	Sociology	(03.09.2011)
Shri Bharath Murthy	English	(20.10.2011)
Shri Jairus Banaji	English	(15.01.2012)
Dr. Judith Misrahi Barak	Germanic & Romance Stu.	(9 days from DOJ)
Dr. Angel Delgado Gomez	Germanic & Romance Stu.	(20 days from DOJ)
Shri Manjana Janjic	Slavonic & Finno-Ugrian	(26.10.2011)
Dr. Maura Companaro	Germanic & Romance Stu.	(01.11.2011)
Prof. Rajni K. Kanth	Political Science	(Jan. - May 12)
Prof. Rahim Raza	Persian	(20.03.2011)
Prof. Juan Luis Suarez	Germanic & Romance Stu.	(04.12.2011)
Dr. Edward A. Rodrigues	Sociology	(15.11.2011)
Dr. Carmen Ulrich	English	(13.03.2012)
Prof. Suniti Kumar Pathak	Buddhist Studies	(01.02.2012)
Prof. Manvendra Kishore Das	Buddhist Studies	(01.01.2012)
Dr. Gregory M. Kapfhammer	Computer Science	(Two weeks from DOJ)
Prof. Shefali Moitra	WSDC	(16.01.2012)
Dr. Shanti George	Sociology	(30.01.2012)
Prof. Tapati Guha Thakurta	Political Science	(02.02.2012)
Prof. Javeed Alam	Political Science	(24.01.2012)
Prof. Rajen Harshe	Political Science	(14.02.2012)
Dr. Priya Sangameswaran	Political Science	(20.02.2012)
Prof. Badri Narayan	Political Science	(20.03.2012)
Dr. Dwaipayana Bhattacharya	Political Science	(08.03.2012)
Dr. Carmen Ulrich	Germanic & Romance Stu.	(04.01.2012)
Dr. Alexandra Ortiz Wallner	Germanic & Romance Stu.	(22.02.2012)
Dr. Archana Sharma	Physics & Astrophysics	(09.09.2011)
Prof. S. Mahajan	Physics & Astrophysics	(09.09.2011)
Prof. P.K. Shukla	Physics & Astrophysics	(DOJ to 1 yr.)
Dr. Suniti Kumar Pathak	Buddhist Studies	(01.02.2012)
Prof. M.K. Das	Buddhist Studies	(29.02.2012)

Prof. Seyed Mehdi Noorianj	Persian	(one year from DOJ)
Dr. Stefano Zuffi	Germanic & Romance Stu.	(23.01.2012)
Prof. S.C. Dasgupta	MIL & LS	(one year from DOJ)
Dr. Chantal Maille	WS1	(30.01.2012)

NON-TEACHING STAFF

Obituaries

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Shri Dhan Bahadur	Assistant	(10.04.2011)
Ms. Sujata Roy	Joint Director	(27.12.2011)
Shri Ramesh Kumar Arora	SPA	(09.02.2012)
Shri Yogesh Kumar Pal	Junior Assistant	(09.03.2012)
Shri Shanti Swarup	Gestetner Operator	(21.07.2011)
Shri Mahavir Singh	Gestetner Operator	(05.07.2011)
Shri Gajadhar Nath Prasad	Gestetner Operator	(16.08.2011)
Shri Sukh Pal	Sanitary Guide	(28.03.2012)
Shri Ali Ahmed	Beldar	(03.10.2011)
Shri Binesh Kumar	Sewerman	(03.10.2011)
Shri Mehmood Dhaulpuri	Tanpura Player	(25.05.2011)
Shri Binay Mahli	Pharmacist	(14.05.2011)
Shri Kanchi Giri	Mali	(24.07.2011)

Appointments

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Shri T. Vengadesan	Deputy Registrar	(06.04.2011)
Shri Prashant Nagar	Assistant Registrar	(13.07.2011)
Shri Pradeep Kumar	Assistant Registrar	(18.08.2011)
Shri Raju Nair	Deputy Registrar	(03.10.2011)
Shri Gaurav Anand	Assistant Registrar	(03.10.2011)
Shri S.S. Mishra	Assistant Director	(29.02.2012)
Dr. Rinku Mathur	Medical Officer	(14.07.2011)
Dr. Ritu Tanwar	Medical Officer	(21.07.2011)
Dr. T.K. Chumbak	Medical Officer	(19.07.2011)
Dr. Prevesh Yadav	Medical Officer	(18.07.2011)
Dr. Kapil Kapoor	Medical Officer	(14.11.2011)
Dr. Suresh Kumar	Veterinarian	(30.08.2011)
Shri Deepak Pathak	Dresser	(23.02.2012)
Shri Balram Mahto	Dresser	(23.03.2012)
Shri Ram Avtar	STA Computer	(16.12.2011)

Deputation/EOL

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Shri M.A. Sikander	Deputy Registrar	(29.07.2011)
Shri Padmakar Mishra	Deputy Registrar	(12.08.2011)
Shri Kapil Aggarwal	Dy. Finance Officer	(12.12.2011)
Shri Vikas Kumar	Stenographer	(18.08.2011)
Shri Naresh Kumar	Section Officer	(31.05.2011)
Shri Kailash Singh	Stenographer	(20.10.2011)
Shri Prem Chand Pandit	Assistant	(07.12.2011)

Extension of Service

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Shri S.S. Solanki	Sr. Assistant	(04.04.2011)
Shri Vinod Kumar	Section Officer	(03.05.2011)
Shri Hazari Singh	Section Officer	(05.05.2011)
Shri S.N. Gupta	Consultant	(10.05.2011)
Shri Raj Pal	Assistant	(02.06.2011)
Shri Balwant Singh	Caretaker	(04.07.2011)
Shri K.C. Rustogi	Assistant Consultant	(18.04.2011)
Shri S.K. Luthra	Section Officer	(17.08.2011)
Shri Nanak Chand	Section Officer	(18.08.2011)
Shri V. Kunjithapathan	Section Officer	(02.09.2011)
Shri S. Narayan	Section Officer	(02.09.2011)
Shri Suman Kapoor	Assistant Consultant	(02.11.2011)
Shri Tapan Kr. Dhar	Assistant Consultant	(05.11.2011)
Shri Balwinder Singh	Section Officer	(02.12.2011)
Shri Raja Singh	Section Officer	(03.01.2012)
Shri Hari Singh	Senior Assistant	(03.01.2012)
Ms. Madhu Bala Malhotra	Section Officer	(03.01.2012)
Ms. Kamlesh Bhagotra	Senior Assistant	(03.01.2012)
Shri Joginder Singh	Sr. Personal Assistant	(08.01.2012)
Shri Raghbir Singh	Havildar	(04.01.2011)
Shri Maurice Harisson	Laboratory Assistant	(03.10.2011)
Shri B.K. Sharma	Senior Technical Assistant	(07.02.2012)
Shri P.S.B. Panicker	Room Bearer	(02.12.2011)
Shri R.P. Mittal	Scientific Officer	(14.11.2011)
Shri Balwan Singh	Laboratory Assistant	(February 2012)

Resignation

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Ms. Preety Sharma	Stenographer	(24.10.2011)
Ms. Meenu Khurana	Personal Assistant	(24.01.2012)
Dr. Kapil Kapoor	Medical Officer	(06.01.2012)

Retirement

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Shri Ashrafi Dass	Assistant	(30.04.2011)
Shri Vinod Kumar	Section Officer	(30.04.2011)
Shri Hazari Singh	Section Officer	(30.04.2011)
Shri Ashok Kumari Dua	Senior Assistant	(30.04.2011)
Shri Raj Pal	Assistant	(31.05.2011)
Shri Raj Pal Singh	Assistant	(31.05.2011)
Shri Jhamman Singh	Section Officer	(30.06.2011)
Shri Balwant Singh	Caretaker	(30.06.2011)
Shri Chander Lekha	Assistant	(30.06.2011)
Ms. Usha Rani	Senior Assistant	(31.07.2011)
Shri Nanak Chand	Section Officer	(31.07.2011)
Shri Hazari Lal Singhal	Senior Assistant	(31.07.2011)
Shri Sushila Bhatia	Senior Assistant	(31.08.2011)
Shri Sharda Sehgal	Section Officer	(31.08.2011)
Shri V. Kunjithapatham	Senior Assistant	(31.08.2011)
Shri Roshan Lal	Section Officer	(31.08.2011)
Shri S. Narayanan	Section Officer	(31.08.2011)
Mrs. Shashi Kala Oberoi	Section Officer	(31.10.2011)
Shri Nirmal Makkar	Section Officer	(31.10.2011)
Shri Suman Kapoor	Section Officer	(30.11.2011)
Ms. Poonam Rani Sota	Section Officer	(30.11.2011)
Shri Balwinder Singh	Section Officer	(30.11.2011)
Shri Joginder Singh	Sr. Personal Asstt.	(31.12.2011)
Shri Lila Dhar	Section Officer	(31.12.2011)
Shri Raja Singh	Section Officer	(31.12.2011)
Ms. Madhu Bala Malhotra	Section Officer	(31.01.2012)
Shri Devender Kumar Jain	Section Officer	(31.01.2012)
Shri Hari Singh	Senior Assistant	(31.01.2012)
Shri Chander Prakash	Assistant Registrar	(31.01.2012)
Shri Rajinder Prasad	Assistant	(31.01.2012)

Shri R.V.R. Murty	Sr. Personal Assistant	(31.01.2012)
Shri Virender Kumar Jain	Section Officer	(29.02.2012)
Ms. Usha Batra	Section Officer	(29.02.2012)
Ms. Tripta Longani	Personal Assistant	(29.02.2012)
Shri R.N. Chatterjee	Section Officer	(29.02.2012)
Shri C.P. Kataria	Section Officer	(31.03.2012)
Shri Atter Singh	Assistant	(31.03.2012)
Shri Dhan Singh	Assistant	(31.03.2012)
Shri Jugal Kishore	M.O.	(May 2011)
Shri Raj Singh Sehrawat	OA	(June 2011)
Shri Sher Bahadur	M.O.	(June 2011)
Shri Om Prakash	Sanitary Guide	(June 2011)
Shri Rimal Singh	USL	(July 2011)
Shri Ram Kishan	O.A.	(July 2011)
Shri Piar Chand	Farash	(July 2011)
Shri Suraj Prakash	Havildar	(July 2011)
Shri Kamlesh Prasad	Havildar	(September 2011)
Shri J.P. Mishra	Driver	(September 2011)
Shri Satish Sehgal	G.O.	(October 2011)
Shri Joginder Singh	G.O.	(October 2011)
Shri Ganga Ram	Safai Karamchari	(October 2011)
Mohd. Hassan	Farash	(November 2011)
Shri Daya Chand	Safai Karamchari	(November 2011)
Shri Naval Kishore	Farash	(January 2012)
Shri Gopal Singh	Farash	(January 2012)
Ms. Ram Murti	Safai Karamchari	(January 2012)
Shri Parmesh Kumar	Driver	(January 2012)
Shri John James	Office Attendant	(February 2012)
Shri Din Dayal	MO	(March 2012)
Shri Vishnu Ram	Sanitary Guide	(March 2012)
Shri Dori Lal	Sanitary Guide	(March 2012)
Shri Dev Raj	Security Guard	(March 2012)

Voluntary Retirement

Shri Sri Bhagwan	Electrician	(31.12.2011)
Shri Phool Dass	Sanitary Guide	(31.03.2012)
Shri Ishwar Singh	Daftry	(19.05.2011)
Ms. Santosh Manchanda	Sr. Personal Assistant	(04.01.2011)

Retirement

<i>Name</i>	<i>Department</i>	<i>Date</i>
Shri K.S.B. Sinha	Linguistics	(31.03.2011)
Shri Prem Chand	Guest House	(31.03.2011)
Shri D.P. Sharma	Guest House	(30.04.2011)
Shri R.P. Mittal	USIC	(30.04.2011)
Shri C.J. John	Physics & Astrophysics	(31.05.2011)
Shri Hari Narain Rai	Life Science	(30.06.2011)
Shri S.R. Dubey	Chemistry	(31.07.2011)
Shri Lakshmeshwar Singh	Zoology	(31.07.2011)
Shri K.S. Chauhan	DSE	(31.07.2011)
Shri Sat Narain	Physics & Astrophysics	(31.08.2011)
Dr. (Mrs.) Sushma Siddhu	Health Centre	(31.08.2011)
Shri Mourice Harisson	Physics & Astrophysics	(30.09.2011)
Shri Liakat Ali	Health Centre	(31.10.2011)
Shri C.M. Sharma	Physics & Astrophysics	(31.10.2011)
Shri G.S. Manral	Chemistry	(30.11.2011)
Shri Atma Ram	Botany	(30.11.2011)
Shri G.P. Sharma	Botany	(31.12.2011)
Shri Rajpal Singh	Zoology	(31.12.2011)
Shri Babu Khan	Garden	(31.12.2011)
Shri Damodar	Garden Committee	(31.12.2011)
Shri Balwan Singh	Geography	(31.01.2012)
Shri B.K. Sharma	Botany	(31.01.2012)
Shri Ram Kumar	Garden Committee	(31.01.2012)
Mrs. Raj Rani Gupta	Computer Centre	(29.02.2012)
Shri Mahabir	Garden Committee	(31.03.2012)
Dr. A.K. Bhasin	Slavonic & Finno Ugrian Studies	(31.03.2012)

Compulsory Retirement

Shri Lakhan Singh	Junior Engineer (Elect.)	(01.07.2011)
Shri G.S. Gupta	Executive Engineer	(01.07.2011)

MEMBERS OF THE FACULTIES

ARTS

Statute 9(3) (i)

Dean

Professor H.S. Prasad

Statute 9(3) (ii)

Heads of the Departments

Dr. Wali Akhtar	Arabic	(upto 15.08.2011)
Professor M.N. Khan	Arabic	(w.e.f. 16.08.2011)
Professor K.T.S. Sarao	Buddhist Studies	
Professor Sumanyu Satpathy	English	(upto 30.06.2011)
Professor Sambudha Sen	English	(w.e.f. 01.07.2011)
Professor (Ms.) Kusum Aggarwal	Germanic & Romance Studies	
Professor Gopeshwar Singh	Hindi	
Dr. (Ms.) P.K. Walia	Library & Information Sciences	
Dr. Manjit Singh	Punjabi	
Professor H.S. Prasad	Philosophy	
Professor Mithilesh Kr. Chaturvedi	Sanskrit	
Professor Anand Prakash	Psychology	(upto 22.12.2011)
Professor N.K. Chadha	Psychology	(w.e.f. 23.12.2011)
Professor Rehana Khatoon	Persian	
Professor S.A. Karim	Urdu	(upto 09.04.2011)
Professor T.A. Khan	Urdu	(w.e.f. 10.04.2011)
Professor A. Marriappan	MIL & LS	
Professor P.C. Pattanaik	MIL & LS	(w.e.f. 01.03.2012)
Professor Ramesh Chand Sharma	Linguistics	
Professor Ravinder Gargesh	Linguistics	(w.e.f. 01.03.2012)

Statute 9(3) (iii)

All Professors of the Departments

Professor M.N. Khan	Arabic
Professor Bhikshu Satyapala	Buddhist Studies
Professor S. Chakraborti	English
Professor Malashri Lal	English
Professor Harish Trivedi	English
Professor Alok Rai	English
Professor Sumanyu Satpathy	English
Professor Shormistha Panja	English
Professor Udaya Kumar	English
Professor Shashwati Mazumdar	Germanic & Romance Studies

Professor Vibha Maurya	Germanic & Romance Studies
Professor Ramesh Kr. Gautam	Hindi
Professor Mohan	Hindi
Professor Apoorvanand Jha	Hindi
Professor Prem Singh	Hindi
Professor Hari Mohan Sharma	Hindi
Professor Seoraj Singh Bechan	Hindi
Professor S.P. Singh	Library & Information Science
Professor R. Gargesh	Linguistics
Professor Tista Bagchi	Linguistics
Professor A. Marriapan	MIL & Literary Studies
Professor Nandita Basu	MIL & Literary Studies
Professor Chander Shekhar	Persian
Professor S.B.F. Husain	Persian
Professor Vibha Chaturvedi	Philosophy
Professor N. Mukherjee	Philosophy
Professor Ashok Vohra	Philosophy
Professor Ashum Gupta	Psychology
Professor Ashok Nagpal	Psychology
Professor Anand Prakash	Psychology
Professor G. Mishra	Psychology
Professor Nandita Babu	Psychology
Professor Gopa Bhardwaj	Psychology
Professor Kuljit Shellie	Punjabi
Professor Dipti S. Tripathi	Sanskrit
Professor Shashi Prabha	Sanskrit
Professor R.C. Bhardwaj	Sanskrit
Professor Sharda Sharma	Sanskrit
Professor Shakuntla Punjani	Sanskrit
Professor N.M. Kamal	Urdu
Dr. S.A. Karim	Urdu

Statute 9(3)(iv)

One Reader and one Lecturer by Rotation according to Seniority

Dr. Wali Akhtar	Arabic	(w.e.f. 11.10.2011)
Dr. Naimul Hasan	Arabic	
Dr. Hirapaul Gangnegi	Buddhist Studies	(upto 05.10.2011)
Dr. (Ms.) Subra Barua Pavagadhi	Buddhist Studies	(w.e.f. 06.10.2011)
Dr. Indira Narain Singh	Buddhist Studies	
Dr. Gautam Chakravarty	English	
Ms. Asha Kohli	English	
Dr. (Ms.) Ira Raja	English	(upto 11.08.2011)
Dr. Nandini Chandra	English	(w.e.f. 12.08.2011)

Dr. M.S. Joshi	Germanic & Romance Studies	
Dr. (Ms.) Maneesha	Germanic & Romance Studies	(upto 11.08.2011)
Dr. (Ms.) Jyoti Sabharwal	Germanic & Romance Studies	(w.e.f. 12.08.2011)
Dr. Mukesh Garg	Hindi	(upto 28.09.2011)
Dr. Kumud Sharma	Hindi	(w.e.f. 29.09.2011)
Ms. Sneh Lata	Hindi	
Dr. (Ms.) Gail Coelho	Linguistics	(upto 19.03.2012)
Dr. (Ms.) Shobha Satyanath	Linguistics	(w.e.f. 20.03.2012)
Ms. Mamta	Linguistics	
Dr. Shailendra Kumar	Library & Information Science	
Shri Kanwar Pal Singh	Library & Information Science	(upto 28.09.2011)
Ms. Meera	Library & Information Science	(w.e.f. 29.09.2011)
Dr. G. Rajgopal	MIL & Literary Studies	(upto 28.09.2011)
Dr. Amitava Chakraborty	MIL & Literary Studies	(w.e.f. 29.09.2011)
Shri T.S. Satyanath	MIL & Literary Studies	(upto 11.08.2011)
Dr. K. Premanathan	MIL & Literary Studies	(w.e.f. 12.08.2011)
Dr. Aleem Ashraf Khan	Persian	
Dr. Allaudin Shah	Persian	
Dr. Shashi Motilal	Philosophy	
Dr. Anuradha Veeravali	Philosophy	(upto 11.08.2011)
Dr. (Ms.) Enakshi Mitra	Philosophy	(w.e.f. 12.08.2011)
Shri Eric Soreng	Psychology	(upto 02.06.2011)
Ms. Nidhi Prakash	Psychology	(w.e.f. 15.06.2011)
Dr. Kulvir Gojra	Punjabi	(upto 28.09.2011)
Dr. Jaspal Kaur	Punjabi	(w.e.f. 29.09.2011)
Dr. Om Nath Bimli	Sanskrit	
Dr. Purnima Kaul	Sanskrit	
Dr. Ali Javed	Urdu	
Dr. Md. Kazim	Urdu	
Dr. Suneet Verma	Psychology	(w.e.f. 16.03.2012)

Statute 9(3) (v)

One Teacher from each College by Rotation according to Seniority

Ms. Tripta	Aditi Mahavidyalaya	(upto 29.09.2011)
Dr. Meena Budhraj	Aditi Mahavidyalaya	(w.e.f. 30.09.2011)
Ms. Manjula Sholapurkar	A.R.S.D. College	(upto 20.08.2011)
Ms. G.R.M. Singh	A.R.S.D. College	(w.e.f. 21.08.2011)
Dr. (Ms.) Nirmal Kumar	Bharti College	
Dr. Geeta Rani Sharma	Bhagini Nivedita College	
Dr. (Ms.) Rajni	B.R. Ambedkar College	(upto 05.10.2011)
Dr. Rajendra Prasad	B.R. Ambedkar College	(w.e.f. 06.10.2011)
Dr. B.P. Sharma	College of Vocational Studies	(upto 13.06.2011)

Dr. Vijaya Kumari	College of Vocational Studies (w.e.f. 14.06.2011)
Ms. P.L. Madan	Daulat Ram College (upto 11.08.2011)
Dr. (Ms.) Ira Pandit	Daulat Ram College (w.e.f. 12.08.2011)
Dr. Jayini Adhayapak	Deen Dayal Upadhyaya College
Dr. Kalpana Gupta	Dyal Singh College (upto 13.06.2011)
Ms. Madhvi Bhalla	Dyal Singh College (w.e.f. 14.06.2011)
Dr. (Ms.) Anita Bhale	Delhi College of Arts & Commerce
Ms. Surya Kanta Jain	Gargi College (upto 31.05.2011)
Dr. Praveen Sharma	Gargi College (w.e.f. 01.06.2011)
Dr. E. Banerjee	Hansraj College
Dr. Harish Naval	Hindu College
Ms. M. Saxena	Indraprastha College for Women
Shri Vinay Vikash	Indira Gandhi Instt. of Physical Ed. & Sports Scs.
Dr. R. Malhotra	Jesus & Mary College (upto 29.09.2011)
Dr. S. Garg	Jesus & Mary College (w.e.f. 30.09.2011)
Ms. N. Chandra	Kalindi College (upto 13.12.2011)
Ms. D. Bhowmik	Kalindi College (w.e.f. 14.12.2011)
Dr. (Ms.) Saroj Saxena	Kamala Nehru College (upto 25.12.2011)
Dr. Shashi Khulhe	Kamala Nehru College (w.e.f. 26.12.2011)
Dr. Mahesh Kumar	Kirori Mal College
Dr. Dimpy Mahanta	Keshav Mahavidyalaya
Ms. P. Puri	LSR College for Women (upto 22.08.2011)
Dr. S. Kapoor	LSR College for Women (w.e.f. 23.08.2011)
Dr. (Ms.) Pushpa Gupta	Laxmibai College (upto 22.08.2011)
Dr. (Ms.) Nisha Singh	Laxmibai College (w.e.f. 23.08.2011)
Ms. K.R. Shyamala	Maitreyi College
Ms. R. Debabrata	Miranda House
Dr. S. Pandey	Moti Lal Nehru College (upto 09.02.2012)
Dr. M.C. Vidyalkar	Moti Lal Nehru College (w.e.f. 10.02.2012)
Ms. Sangeeta Mittal	Maharaja Agrasen College
Dr. (Ms.) K. Jain	Janki Devi Memorial College
Shri Swadesh Sharma	P.G.D.A.V. College (upto 14.06.2011)
Dr. Lalit Bhehari Goswami	P.G.D.A.V. College (w.e.f. 15.06.2011)
Sh. O.E. Rehman	Ramanujan College
Dr. (Ms.) Sneh Chadha	Ramjas College
Dr. Jagmohan Sharma	Rajdhani College (w.e.f. 05.04.2011)
Ms. R. Venkataraman	Ram Lal Anand College (w.e.f. 05.04.2011)
Sh. C. Chendra Shekhar	Sri Venkateswara College (upto 20.10.2011)
Dr. E. Muralidhara Rao	Sri Venkateswara College (w.e.f. 21.10.2011)
Dr. Rajinder Kaur	SGGS College of Commerce (w.e.f. 04.04.2011)
Dr. (Ms.) Suman Bala	Shaheed Bhagat Singh College (w.e.f. 04.04.2011)
Ms. Rajinder Kaur	Mata Sundri College (upto 29.02.2012)
Shri Novy Kapadia	SGTB Khalsa College

Dr. (Ms.) Shanta Pradhan	Satyawati College	(upto 13.06.2010)
Shri Y.P. Chandana	Satyawati College	(w.e.f. 14.06.2011)
Dr. Manujula Mohan	School of Open Learning	
Dr. (Ms.) Saroj Diksha	S.P.M. College for Women	(upto 23.09.2011)
Ms. Madhu Gurtu	S.P.M. College for Women	(w.e.f. 24.09.2011)
Dr. A.D. Mathur	St. Stephen's College	(upto 13.08.2011)
Dr. Neelam Saxena	St. Stephen's College	(w.e.f. 14.08.2011)
Dr. R.K. Vasistha	Shivaji College	(w.e.f. 04.04.2011)
Dr. Harnake Singh Gill	SGND Khalasa College	
Ms. Sneh Gupta	Shyam Lal College	
Shri S.K. Chawla	Shri Ram College of Commerce	
Shri S.D. Siddiqui	Shri Aurobindo College	
Sh. V.K. Khurana	Swami Shraddhanand College	(upto 30.11.2011)
Dr. (Ms.) Rekha Dhingra	Swami Shraddhanand College	(w.e.f. 01.12.2011)
Dr. (Ms.) Vinod Aggarwal	Vivekanand College	(upto 13.06.2011)
Dr. Chand Kapoor	Vivekanand College	(w.e.f. 14.06.2011)
Ms. Babli Gupta	Zakir Husain College	(upto 05.08.2011)
Ms. Madhuri Khosla	Zakir Husain College	(w.e.f. 06.08.2011)
Dr. (Ms.) G. Navlakha	I.P. College for Women	(w.e.f. 30.09.2011)
Ms. Sukhjit Kaur	Mata Sundri College	(upto 18.11.2011)

Statute 9(3) (vi)

Co-opted Members

Professor Kedar Nath Singh (Retd.), Jawahar Lal Nehru University, New Delhi.

Ms. Amal Allana (NSD), New Delhi.

Professor Satyapal Gautam, Vice-Chancellor, Mahatama Jyotiba Phule Rohilkhand University, Bareilly.

Professor Survinirit Mehta, Panjab University, Chandigarh.

Professor Arunva Sen, Indian Statistical Institute of S.J.S., Sansanwal Marg, New Delhi.

Professor Narayan Gupta, Department of History, Jamia Millia Islamia University, Okhla, New Delhi.

Professor Amrit Srinivasan, Indian Institute of Technology, Hauz Khas, New Delhi.

Professor D.L. Sheth, C.S.D.S., 29, Rajpur Road, Delhi.

Professor Anil Bhatti, Jawahar Lal Nehru University, New Delhi.

Professor Sudhir Kakkar.

Statute 9(3) (vii)***Nominated by the Academic Council***

Professor Kapil Kapoor	B-2/332, Ekta Garden, 9-I.P. Extension, Near Mather Dairy, Delhi – 110092.
Professor Manager Pandey	BD/8A, DDA Flats, Munirka, Delhi-110067.
Professor Anil Raina	Department of English & Cultural Std., Punjab University, Chandigarh.
Professor Feroz Ahmed	D-109, Shanti Nagar, Opp. NBC Road, Jaipur, Rajasthan.
Professor R.C. Tripathi	37/2, Chatham Lines, Allahabad.

SCIENCE**Statute 9(3) (i)*****Dean***

Professor I. Usha Rao	(upto 12.06.2011)
Professor S.C. Bhatla	(w.e.f. 13.06.2011)

Statute 9(3) (ii)***Heads of Departments***

Professor R.P. Tandon	Physics & Astrophysics	
Professor Talat Ahmad	Geology	(upto 30.05.2011)
Professor C.S. Dubey	Geology	(w.e.f. 01.06.2011)
Dr. A.K. Singh	Zoology	
Professor S.L. Malik	Anthropology	
Professor S.S. Agarwal	Pharmacy	(upto 31.08.2011)
Professor B.P. Srinivasan	Pharmacy	(w.e.f. 01.09.2011)
Dr. (Mrs.) Kumud Khanna	Pharmacy	(upto 16.10.2011)
Dr. (Mrs.) Anupa Sidhu	Lady Irwin College	(w.e.f. 17.10.2011)
Professor B.C. Das	A.C.B.R.	
Professor A.K. Bakshi	Chemistry	(upto 09.08.2011)
Professor S.M.S. Chauhan	Chemistry	(w.e.f. 10.08.2011)
Professor M.K. Pandit	Environmental Studies	

Statute 9(3) (iii)***Professors other than Head of the Departments******Deptt. of Physics & Astrophysics***

Professor M.P. Srivastava	Professor D.S. Kulshrestha
Professor A. Mukherjee	Professor Sanjay Jain
Professor B.C. Choudhary	Professor Debejyoti Choudhary

Professor Avinash Khare
Professor S. Annapoorni
Professor H.P. Singh
Professor Vinay Gupta
Professor P.D. Sahare
Professor Man Mohan
Professor D. Lohia

Deptt. of Chemistry

Professor N.K. Kaushik
Professor Gurmeet Singh
Professor R.C. Rastogi
Professor Rita Kakkar
Professor M. Kidwai
Professor R.K. Sharma
Professor Shrikant Kukreti

Deptt. of Botany

Professor A.K. Bhatnagar
Professor S.K. Sawhney
Professor V.P. Singh
Professor K.S. Rao
Professor Amar Kumar
Professor R. Geeta

Deptt. of Zoology

Professor K. Murlidhar
Professor Rup Lal
Professor Umesh Rai
Professor Neeta Sehgal

Deptt. of Anthropology

Professor A.K. Kapoor
Professor V.K. Srivastava
Professor Satwanti Kapoor
Professor M.P. Sachdeva

Deptt. of Geology

Professor V.N. Bajpai
Professor A.M. Bhola
Professor Devesh K. Sinha
Professor M. Jayananda

Professor P. Das Gupta
Professor K. Sreenivas
Professor S. Mahajan
Professor A.G. Vedeshwar
Professor T.R. Seshadri
Professor R. Ramanathan

Professor Pavan Mathur
Professor V.S. Parmar
Professor Monika Dutta
Professor J.M. Khurana
Professor S.C. Jain
Professor A.K. Parsad
Professor Rama Kant

Professor I. Usha Rao

Professor A.K. Pandey
Professor S.B. Babbar
Professor Veena Agarwal

Professor V.K. Bhasin
Professor Madan Mohan Chaturvedi
Professor Rina Chakrabarti
Professor Vinod Kumar

Professor P.K. Ghosh
Professor P.C. Joshi
Professor Subhadra Channa
Professor V. Raghavendra Rao

Professor C.S. Dubey
Professor J.P. Shrivastava
Professor G.V.R. Prasad

Deptt. of Pharmacy

Professor B.P. Srinivasan

Statute 9(3) (iv)

One Reader and one Lecturer by Rotation according to the Seniority from each Department

Dr. Dalip Kumar Singh	Zoology	(upto 23.03.2012)
Dr. (Ms.) Rita Singh	Zoology	(w.e.f. 20.03.2012)
Dr. Dinabandhu Sahoo	Botany	
Dr. Berrithung Murry	Anthropology	
Dr. Somorendra Singh	Physics & Astrophysics	
Dr. A.K. Prasad	Chemistry	(upto 07.05.2011)
Dr. Satish K. Awasthy	Chemistry	(w.e.f. 07.05.2011)
Dr. Binay Kumar	Physics & Astrophysics	(upto 23.03.2012)
Dr. (Ms.) Poonam Silotia	Physics & Astrophysics	(w.e.f. 20.03.2012)
Dr. Anupam Chattopadhyay	Geology	(upto 23.03.2012)
Dr. Pankaj Srivastava	Geology	(w.e.f. 20.03.2012)
Dr. Ratna Chowdhary	Pharmacy	(w.e.f. 26.04.2011)
Dr. P.K. Sahoo	Pharmacy	(w.e.f. 26.04.2011)
Shri Ratul Baishya	Botany	(w.e.f. 26.04.2011)
Dr. (Mrs.) Anupa Sidhu	Home Science	(w.e.f. 26.04.2011)
Dr. K. Tharanikkarasu	Chemistry	
Dr. Rakesh Kumar	Chemistry	(w.e.f. 06.06.2011)
Dr. Shashank Shekhar	Geology	(w.e.f. 07.05.2011)
Dr. Gyan Prakash	Environmental Studies	(w.e.f. 22.03.2012)
Dr. Nemika Rahlan	Environmental Studies	(upto 21.03.2012)
Dr. S.D. Biju	Environmental Studies	(w.e.f. 22.03.2012)

Statute 9(3) (v)

One Teacher concerned by Rotation according to Seniority from each College

Dr. G.K. Prashar	Swami Sharddhanand College
Ms. Jagneet Kaur Anand	Keshav Mahavidhyalaya
Dr. V. Chandrasekhara Rao	Sri Venkateswara College
Dr. Sarita Kumar	Acharya Narendra Dev College
Dr. A. Sehgal	Miranda House
Ms. Sharda Gupta	Institute of Home Economics
Dr. (Mrs.) Komal Kamra	S.G.T.B. Khalsa College
Dr. V.K. Gautam	Deen Dyal Upadhyaya College
Shri B.M. Anand	Jail Road
Dr. Hemant Kumar	Motilal Nehru College
Dr. (Ms.) Rekha Malhotra	Shaheed Rajguru College of Applied Sciences
Dr. (Mrs.) Indira Mohini Tuli	Zakir Hussain College

Dr. (Ms). Sadhna Pandey	Aruna Asaf Ali Marg	
Dr. Parminder Sehgal	Bhagini Nivedita College	
Dr. H.M. Lumh	Rajdhani College	
Dr. (Ms.) Pravitra Kumar	Sri Aurobindo College	
Dr. Aprajita Gaur	Kalindi College	
Ms. Meenu Aggarwal	Shyama Prasad Mukherji College for Women	
Dr. Ravi Khanjeja	Shivaji College	
Dr. (Mrs.) Prabha Rakesh	Daulat Ram College	
Dr. Aruna Mohan	Gargi College	(w.e.f. 07.05.2011)
Dr. P. Dabas	Gargi College	
Dr. Parthasarthy	Maharaja Agrasen College	(w.e.f. 04.05.2011)
Dr. Usha Maini	Lady Irwin College	(w.e.f. 04.05.2011)
Dr. Santosh Mehta	R.A.K. College of Nursing	(upto 03.05.2011)
Dr. Asha Sharma	R.A.K. College of Nursing	(w.e.f. 04.05.2011)
Dr. Rajesh Mohan	Atma Ram Sanatan Dharma College	
Dr. Rashmi Sachdeva	St. Stephen's College	
Dr. J.K. Vaid	Hindu College	
Dr. A.C. Handa	Hindu College	(upto 06.10.2011)
Ms. Preeti Goel	School of Open Learning	
Dr. K.R. Sharma	Hindu College	(w.e.f. 04.05.2011)
Dr. N.S. Abbas	Bhaskaracharya College of Applied Sciences	(w.e.f. 04.05.2011)
Dr. M.L. Sharma	Hans Raj College	(w.e.f. 04.05.2011)
Dr. A.K. Nagpal	Kirori Mal College	(w.e.f. 04.05.2011)
Dr. Poonam Behl	Dyal Singh College	(w.e.f. 04.05.2011)
Shri P.K. Malhotra	Ramjas College	(w.e.f. 16.08.2011)

Statute 9(3) (vi)

Co-opted Members

Professor S.P. Singh	Department of Human Biology, Punjabi University, Patiala.
Dr. H.S. Saini	Director, Geological Survey of India, NH-5P, Faridabad, Haryana.
Dr. M.L. Gulrajani	Retire Professor, IIT, 601-B, Hamilton Court, DLF IV, Gurgaon.

Statute 9(3) (vii)

Nominated by Academic Council

Dr. Harish	Associate Director, SSPL, Lucknow Road, Delhi.
Professor K.K. Raina	Associate Director, Thapar University, Patiala, Punjab.
Professor C.P. Malik	Director (Life Science), Advisor (Academic), Jaipur National University, Jagatpura, Jaipur.

Dr. Adarsh Sharma	Retd. DG NIPCCD, T-27/3, DLF Qutab Enclave, Phase-III, Gurgaon
Professor Shalina Mehta	Department of Anthropology, Punjab University, Chandigarh.

LAW

Statute 9(3) (i)

Dean

Professor Gurdip Singh	Chairman
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Statute 9(3)

Professor B.C. Nirmal	University Nominee
Justice Ravinder Bhatt	University Nominee
Professor S.S. Singh	University Nominee
Justice Sanjay K. Kaul	University Nominee
Professor M. Afzal Wani	University Nominee
Professor Veena Bakshi	Member
Professor Rajiv Khanna	Member
Professor Ashwani Kumar Bansal	Member
Professor S.C. Raina	Member
Professor J.L. Kaul	Member
Professor Poonam Saxena	Member
Professor Ved Kumari	Member
Dr. Kiran Gupta	Member
Shri S.K. Gupta	Member

MEDICAL SCIENCES

Statute 9(3) (i)

Dean

Professor Jolly Rohatgi	(upto 21.10.2011)
Professor Upreet Dhaliwal	(w.e.f. 22.10.2011)

Statute 9 (3) (iii)

All Professors of the Departments

Deptt. of Anaesthesiology

Professor Usha Shah	Lady Hardinge Medical College
Professor Ashok Kumar Sethi	University College of Medical Sciences
Professor Ajay Kumar Jain	University College of Medical Sciences
Professor Ashok Kumar	University College of Medical Sciences

Professor Rakesh Kumar	Maulana Azad Medical College
Professor Raktima Anand	Maulana Azad Medical College
Professor Aruna Jain	Lady Hardinge Medical College
Professor Poonam Bhadaria	Maulana Azad Medical College
Professor Ajay Kumar	Lady Hardinge Medical College
Professor Sharmila Ahuja	University College of Medical Sciences
Professor Jaspal Singh Dali	Maulana Azad Medical College

Deptt. of Anatomy

Professor J.M. Kaul	Maulana Azad Medical College
Professor Jugesh Khanna	University College of Medical Sciences
Professor M. Nagar	University College of Medical Sciences
Professor Veena Bharioke	University College of Medical Sciences
Professor Shashi Raheja	Lady Hardinge Medical College
Professor Shipra Paul	Lady Hardinge Medical College
Professor Anita Tuli	Lady Hardinge Medical College

Deptt. of Bio-Chemistry

Professor Suman Bala Sharma	University College of Medical Sciences
Professor B.D. Banerjee	University College of Medical Sciences
Professor J.K. Gambhir	University College of Medical Sciences
Professor Dinesh Puri	University College of Medical Sciences
Professor S.K. Bansal	V.P. Chest Institute
Professor Rimi Shukla	University College of Medical Sciences
Professor A.K. Tripathi	University College of Medical Sciences

Deptt. of Community Medicine

Professor Suneela Garg	Maulana Azad Medical College
Professor Vimal Kishore Gupta	Maulana Azad Medical College
Professor Sanjay Chaturvedi	University College of Medical Sciences
Professor S.K. Bhasin	University College of Medical Sciences
Professor G.K. Ingle	Maulana Azad Medical College
Professor A.T. Kannan	University College of Medical Sciences
Professor S. Nagesh	Lady Hardinge Medical College (upto 30.06.2011)
Professor Pragati Chhabra	University College of Medical Sciences
Professor A.K. Sharma	University College of Medical Sciences
Professor Kamal Aggarwal	University College of Medical Sciences

Deptt. of Dental Science

Professor Mahesh Verma	Maulana Azad Medical College
Professor Namita Kalra	University College of Medical Sciences
Professor Harpreet Grewal	University College of Medical Sciences

Deptt. of Dermatology & V.D.

Professor Archana Singal	University College of Medical Sciences
Professor Vijay Kumar	Maulana Azad Medical College
Professor Ram Chander	Lady Hardinge Medical College

Deptt. of Forensic Medicine

Professor N.K. Aggarwal	University College of Medical Sciences
Professor S.K. Verma	University College of Medical Sciences
Professor A.K. Tyagi	University College of Medical Sciences
Professor Atul Murari	Lady Hardinge Medical College

Deptt. of Microbiology

Professor Renu Dutta	Lady Hardinge Medical College
Professor V.G. Ramachandran	University College of Medical Sciences
Professor I.R. Kaur	University College of Medical Sciences
Professor Ashwani Kumar	University College of Medical Sciences
Professor Anita Chakravarti	Maulana Azad Medical College
Professor Beena Uppal	Maulana Azad Medical College
Professor C.P. Baveja	Maulana Azad Medical College
Professor N.P. Singh	University College of Medical Sciences
Professor Preena Bhalla	Maulana Azad Medical College
Professor M. Bose	V.P. Chest Institute
Professor Shukla Das	University College of Medical Sciences

Deptt. of Medicine

Professor M.P. Agarwal	University College of Medical Sciences
Professor S.V. Madhu	University College of Medical Sciences
Professor Rajneesh Avasthi	University College of Medical Sciences
Professor O.P. Kalra	University College of Medical Sciences
Professor Sachin Kumar Jain	Lady Hardinge Medical College
Professor S.K. Sharma	Lady Hardinge Medical College
Professor Naresh Kumar Gupta	Maulana Azad Medical College
Professor P. Kar	Maulana Azad Medical College
Professor Sunil Aggarwal	University College of Medical Sciences

Deptt. of Obstetrics & Gynaecology

Professor Usha Manaktala	Maulana Azad Medical College
Professor Amita Suneja	University College of Medical Sciences
Professor Rewa Tripathi	Maulana Azad Medical College (upto 31.03.2012)
Professor Neerja Goel	University College of Medical Sciences (upto 28.02.2012)

Professor Sudha Prasad
Professor Raksha Arora
Professor Usha Gupta
Professor Kiran Guleria

Maulana Azad Medical College
Maulana Azad Medical College
Lady Hardinge Medical College
University College of Medical Sciences

Deptt. of Ophthalmology

Professor B. Ghosh
Professor V.P. Gupta
Professor Pamela D Suza
Professor Jolly Rohtagi
Professor Upreet Dhaliwal

Maulana Azad Medical College
University College of Medical Sciences
Lady Hardinge Medical College
University College of Medical Sciences
University College of Medical Sciences

Deptt. of Orthopaedics

Professor Anil Kumar Dhall
Professor Sudhir Kumar
Professor V.K. Gautam
Professor Ajay Kumar Gupta
Professor Shobha Arora
Professor A.K. Jain

Maulana Azad Medical College
University College of Medical Sciences
Maulana Azad Medical College
Maulana Azad Medical College
University College of Medical Sciences
University College of Medical Sciences

Deptt. of Otolaryngology (ENT)

Professor T.S. Anand
Professor J.K. Sahni
Professor Arun Kumar Aggarwal
Professor Laxmi Vaid
Professor Anoop Raj
Professor P.P. Singh
Professor Arun Goyal

Lady Hardinge Medical College
Lady Hardinge Medical College
Maulana Azad Medical College (upto 31.03.2011)
University College of Medical Sciences
Maulana Azad Medical College
University College of Medical Sciences
University College of Medical Sciences

Deptt. of Paediatrics

Professor Piyush Gupta
Professor Satinder Aneja
Professor M.M.A. Faridi
Professor Sunil Gomber
Professor Anand Prakash
Professor N.B. Mathur
Professor Sangita Yadav
Professor Jagdish Chandra
Professor Arvind Saili
Professor A.K. Dutta
Professor Bimbadhar Rath

University College of Medical Sciences
Lady Hardinge Medical College
University College of Medical Sciences
University College of Medical Sciences
Maulana Azad Medical College
Maulana Azad Medical College
Maulana Azad Medical College
Lady Hardinge Medical College
Lady Hardinge Medical College
Lady Hardinge Medical College
Lady Hardinge Medical College

Deptt. of Pathology

Professor Tejinder Singh
Professor Meera Sikka
Professor Satendra Sharma
Professor Usha Rani Singh
Professor V.K. Arora
Professor Navjeevan Singh
Professor Sarla Aggarwal
Professor Usha Rusia
Professor Arti Bhatia Chhako
Professor M. Chaudhary
Professor Kiran Mishra

Maulana Azad Medical College
University College of Medical Sciences
University College of Medical Sciences
University College of Medical Sciences
University College of Medical Sciences
University College of Medical Sciences
University College of Medical Sciences
University College of Medical Sciences
University College of Medical Sciences
Lady Hardinge Medical College
University College of Medical Sciences

Deptt. of Pharmacology

Professor S.K. Bhattacharya
Professor A. Ray
Professor Pramod Kumari
Professor Naresh Khanna
Professor Uma Tekur

University College of Medical Sciences
V.P. Chest Institute
University College of Medical Sciences
University College of Medical Sciences
Maulana Azad Medical College

Deptt. of Physiology

Professor Savita Singh
Professor K. Ravi
Professor Rashmi Babbar
Professor Ajay Kumar Jain
Professor Asha Gandhi
Professor Neelima Shankar
Professor V.P. Varshney
Professor S.S. Sircar
Professor Neelam Vanay

University College of Medical Sciences
V.P. Chest Institute
Maulana Azad Medical College (upto 30.09.2011)
Maulana Azad Medical College
Lady Harding Medical College
University College of Medical Sciences
Maulana Azad Medical College
University College of Medical Sciences
University College of Medical Sciences

Deptt. of Psychiatry

Professor R.C. Jiloha
Professor M.S. Bhatia

Maulana Azad Medical College
University College of Medical Sciences

Deptt. of Pulmonary Medicine

Professor S.N. Gaur
Professor Ashok Shah
Professor S.K. Chabra
Professor Raj Kumar

V.P. Chest Institute
V.P. Chest Institute
V.P. Chest Institute
V.P. Chest Institute

Deptt. of Radiology

Professor Rama Anand	Lady Hardinge Medical College
Professor Anil Kumar Bahadur	Maulana Azad Medical College (upto 31.05.2011)
Professor M.K. Narula	Lady Hardinge Medical College
Professor Gopesh Mehrotra	University College of Medical Sciences

Deptt. of Surgery

Professor Amit Banerjee	G.B. Pant Hospital
Professor B.K. Jain	University College of Medical Sciences
Professor Sanjay Gupta	University College of Medical Sciences
Professor Arun Gupta	University College of Medical Sciences
Professor P.N. Aggarwal	Maulana Azad Medical College
Professor M.P. Arora	Lady Harding Medical College (upto 31.01.2012)
Professor Ajay Kumar	Lady Hardinge Medical College
Professor Om Prakash Pathania	Lady Hardinge Medical College
Professor N.S. Hadke	Maulana Azad Medical College
Professor Vivek Agrawal	University College of Medical Sciences
Professor Iqbal Singh	University College of Medical Sciences
Professor Anil Kumar Sarada	Maulana Azad Medical College
Professor R.K. Jindal	Maulana Azad Medical College
Professor V.K. Ramteke	Maulana Azad Medical College
Professor Navneet Kaur	University College of Medical Sciences

Statute 9 (3) (iv)

One Reader and one Lecturer by Rotation according to Seniority

Readers

Dr. N.K. Saini	Community Medicine (UCMS) (w.e.f. 17.03.2012)
Dr. Sunil Kumar Sinha	Anaesthesiology (LHMC)
Dr. Romesh Lal	Surgery (LHMC)
Dr. Rafat Ahmad	Bio-Chemistry (UCMS)
Dr. Vinay Kamal	Pathology (MAMC)
Dr. Sunita Mondal	Physiology (LHMC)
Dr. Mahipal Singh	Orthopaedics (UCMS)
Dr. Anju Seth	Paediatrics (LHMC)
Dr. Malini Shariff	Medical Microbiology (VPCI)
Dr. Usha Kaul Raina	Ophthalmology (MAMC)
Dr. P.K. Rathore	Otolaryngology (ENT) (MAMC)
Dr. Rajiv Bhardwaj	Anatomy (UCMS)
Dr. Anjali Tempe	Obstt. & Gynae. (MAMC) (w.e.f. 14.02.2012)
Dr. Balkrishnan Menon	Pulmonary Medicine (VPCI) (w.e.f. 14.02.2012)
Dr. Vandana Roy	Pharmacology (MAMC) (w.e.f. 14.02.2012)
Dr. Ghanshyam Pangtey	Medicine (LHMC) (w.e.f. 14.02.2012)

Lecturer

Dr. Amite Pankaj	Orthopaedics (UCMS)
Dr. Vishal Bansal	Physiology (VPCI)
Dr. Renu Chauhan	Anatomy (UCMS)
Dr. Rumpa Saha	Medical Microbiology (UCMS)
Dr. Chander Grover	Dermat. & Venerology (UCMS)
Dr. Varinder Singh	Paediatrics (LHMC)
Dr. Sumita Halder	Pharmacology (UCMS)
Dr. Jai Chand Passey	Otolaryngology (MAMC)
Dr. (Ms.) Yedla Manikya	Obstt. & Gynae. (MAMC)
Dr. Panna Lal	Community Medicine (MAMC)
Dr. Shruti Srivastava	Psychiatry (UCMS)
Dr. Pawanindra Lal	Surgery (MAMC)
Dr. Anupama Tandon	Radiology (UCMS)
Dr. Atul Goel	Medicine (LHMC)
Dr. Sarita Beri	Ophthalmology (LHMC)
Dr. Mrinalini Kotru	Pathology (UCMS)
Dr. Maitree Pandey	Anaesthesiology (LHMC)
Dr. Madhu Khanna	Tuberculosis (VPCI)
Dr. Arvind Kumar	Forensic Medicine (UCMS) (w.e.f. 14.02.2012)
Dr. Surabhi Wadhwa	Anatomy (UCMS) (w.e.f. 14.02.2012)
Dr. Ritu Singh	Biochemistry (LHMC) (w.e.f. 14.02.2012)

Statute 9 (3) (vi)

Co-Opted Members

Prof. B.K. Ram	:	D-18, Hudco Place, New Delhi.
Prof. Abhijeet Bhattacharya	:	8, Mandakini Apartment, Alknanda, New Delhi.
Prof. K.B. Logani	:	P-13, Green Park Extension, New Delhi.
Prof. V.K. Jain	:	Head, Department of Dermatology, Rohtak Medical College, Rohtak.
Prof. Neera Aggarwal	:	L-403, Agrasen Awas, 66, I.P. Extension, Delhi.

Statute 9(3) (vii)

Nominated by the Academic Council

Dr. G.K. Sharma	:	Dy. Director General (Medical), Ministry of Health & Family Welfare.
Prof. Amod Gupta	:	Head, Department of Ophthalmology, PGIMER, Chandigarh.
Prof. K.K. Sharma	:	School of Medical Sciences & Research, Sharda University, UP.
Dr. S.Y. Kothari	:	Addl. Director General (Medical), Directorate General of Health Services, Ministry of Health & Family Welfare.
Prof. N.K. Mishra	:	Head, Department of Neuro Radiology, AIIMS.
Prof. L.C. Thakur	:	Neurologist, UCMS, Delhi.

AYURVEDIC & UNANI MEDICINE

Statute 9(3) (i)

Dean

Dr. Rajni Shushma (w.e.f. 12.04.2011)

Statute 9(3) (ii)

Head of the Departments

Dr. Rajni Shushma Ayurveda (w.e.f. 12.11.2011)
Dr. (Ms.) Nuz-Hat Ishtiaq Unani

Statute 9(3) (iv)

One Reader and one Lecturer by Rotation according to Seniority

Dr. Uma Shankar Sharma

Dr. Yusuf Jamal

Statute 9(3) (v)

One Teacher concerned by Rotation according to Seniority from each College

Dr. Abdul Hafees (w.e.f. 15.04.2011)

Statute 9(3) (vi)

Co-Opted Members

Professor S.K. Tiwari : HOD-PG, Deptt. of Kayachikitsa, BHU, UP.
Dr. Abichal Chattopadhyay : HOD-Basic Principal of Ayurveda, PGI of Ayurveda, Kolkata.
Dr. Gori Shankar Indoria : Principal, Madan Mohan Malviya Govt. Ayurveda College, Udaipur, Rajasthan.
Dr. Yasmeen Samsi : HOD-Basic Principal of Unani, F/o. Medicine Unani, Jamia Hamdard, New Delhi.
Prof. Naiem Ahmed : Ajmal Khan Unani Tibbia College, Deptt. of Ilmul Adlia, AMU, Aligarh, UP.

Statute 9(3) (vii)

Nominated by the Academic Council

Dr. S.K. Sharma, Advisor, Department of Ayus, (Health & Family Welfare), Red Cross Building, New Delhi

Dr. Anil Sharma, S.K. Govt. Ayurvedic College, Kurukshetra, Haryana.

Prof. R.D. Thakur, Principal, Govt. Ayurvedic College, Rewa, MP.

Prof. Mashkooor Ahmad, Faculty of Unani Medicine, Jamia Hamdard, New Delhi.

Dr. Laxman Singh, Institute of Medical Sciences, Banaras Hindu University, Varanasi, UP.

MATHEMATICAL SCIENCES

Statute 9(3) (i)

Dean

Professor B.K. Dass

Statute 9(3) (ii)

Heads of the Departments

Professor B.K. Dass	Mathematics
Professor Jagdish Saran	Statistics
Dr. (Ms.) Preeti Wanti Srivastava	Operational Research
Dr. (Ms.) Vasudha Bhatnagar	Computer Science

Statute 9(3) (iii)

All Professors other than Head of the Departments

Professor Tej Bahdur Singh	Mathematics
Professor Ajay Kumar	Mathematics
Professor R.K. Mohanty	Mathematics

Statute 9(3) (iv)

One Reader and one Lecturer by rotation according to seniority

Shri Ratikanta Panda	Mathematics	
Shri Ranjita Misra	Statistics	(w.e.f. 05.05.2011)
Dr. Prakash Chand Jha	Operational Research	
Dr. P.K. Hazra	Computer Science	(w.e.f. 28.02.2012)
Dr. Ajit Chaturvedi	Statistics	(w.e.f. 28.02.2012)
Dr. (Ms.) Sapna Jain	Mathematics	
Dr. (Ms.) Anu Gupta Aggarwal	Operational Research	(w.e.f. 02.12.2011)

Statute 9(3) (v)

One Teacher from each College by rotation according to Seniority

Dr. (Ms.) Shakuntala Wadhwa	Sri Venkateswara College	
Ms. Asha G. Shankar	Lakshmibai College	
Ms. Sonia Dawar	St. Stephen's College	
Ms. Bindu Bansal	Hindu College	
Dr. Shankar Lal	Zakir Hussain College (Eve.)	
Mr. V.K. Kapoor	Shri Ram College of Commerce	
Dr. (Ms.) Rita Bhatia	Indraprastha College for Women	
Dr. S.K. Kaushik	Kirori Mal College	
Ms. Seema Aggarwal	Miranda House	(w.e.f. 19.05.2011)
Ms. Preeti Dharmarah	Hansraj College	
Dr. S.R. Choudhary	Lady Shri Ram College	
Dr. Jasvinder Goswami	P.G.D.A.V. College	

Dr. (Ms.) S. Gautam	Janaki Devi Memorial College
Ms. Sheila Devi	ARSD College (w.e.f. 07.10.2011)
Ms. Jaswinder Bhalla	S.G.T.B. Khalsa College
Dr. Suman Kumar Verma	School of Open Learning (w.e.f. 26.04.2011)
Ms. Bharati Talwar	Gargi College
Shri Balram Kindra	Shyam Lal College (w.e.f. 26.04.2011)
Shri Ravi Kr. Srivastava	Swami Sharaddhanand College
Ms. Gurinder Kaur	Mata Sundri College for Women
Ms. Renu Rani Gupta	Shaheed Bhagat Singh College (w.e.f. 05.12.2011)
Ms. Charu Khanna	Kalindi College
Ms. Manju Bhardwaj	Maitreyi College (w.e.f. 19.05.2011)
Shri Rakesh Yadav	Shivaji College
Ms. Preeti Upreti	Moti Lal Nehru College
Dr. Ratna Dev Sharma	Rajdhani College
Ms. Anita Bakshi	Vivekanand College
Dr. Deba Prasad Sinha	Dyal Singh College
Shri Man Mohan Singh	College of Vocational Studies
Ms. Sudha Arora	Deen Dayal Upadhyaya College
Dr. (Ms.) Vastala Kohli	Acharya Narendra Dev College
Dr. (Ms.) Seema Khurana	Daulat Ram College (w.e.f. 08.09.2011)
Ms. Neeru Jain	SPM College for Women (w.e.f. 19.05.2011)
Ms. Roli Bansal	Keshav Mahavidyalaya
Ms. Akansha	Shaheed Rajguru College of Applied Scs. for Women
Ms. Pragati Gautam	Kamala Nehru College
Dr. (Ms.) A. Gupta	Delhi College of Arts & Commerce
Shri Narender Kumar	Ram Lal Anand College (w.e.f. 07.10.2011)
Dr. (Ms.) Suruchi	Aditi Mahavidyalaya (w.e.f. 18.01.2012)
Shri Vikas Choudhry	Bhagini Nivedita College for Women (w.e.f. 18.01.2012)
Dr. Davinder Singh	Sri Aurobindo College (w.e.f. 26.04.2011)
Dr. (Ms.) Sarla Devi	Bhim Rao Ambedkar College (w.e.f. 18.01.2012)
Ms. Sneh Chawla	Deshbandhu College (w.e.f. 19.05.2011)
Dr. Jagjit Kaur	SGND Khalsa College (w.e.f. 19.05.2011)
Dr. Tarun Kumar Garg	Satyawati College (w.e.f. 07.10.2011)
Dr. R. Saxena	Jesus & Mary College
Ms. Manu Kataria	Bhaskarcharya College of Applied Sciences (w.e.f. 26.04.2011)
Ms. Vanita Jain	Maharaja Agrasen College (w.e.f. 26.04.2011)
Ms. Taranjeet Kaur	SGGS College of Commerce (w.e.f. 26.04.2011)
Mr. H.G. Gupta	Ramjas College (w.e.f. 19.05.2011)

Statute 9(3)(vi)***Co-opted members***

- Professor Rajinder Bhatia : Indian Statistical Institute, New Delhi
- Professor R.K. Sharma : Head, Department of Mathematics, IIT Hauz Khas, New Delhi.
- Professor K. Muralidharan : Department of Statistics, University Baroda, Vadodara.
- Professor Sanjeeva Prasad : Department of Computer Science, IIT, New Delhi.

Statute 9(3)(vii)***Nominated by the Academic Council***

- Professor Piyush Chandra : Department of Mathematics, IIT Kanpur (UP)
- Professor Satya Deo Tripathi : Department of Mathematics, Harish Chandra Research Institute, Jhansi, UP.
- Professor Ambat Vijay Kumar : Department of Mathematics, University of Science and Technology, Cochin.
- Professor C. Rajshekhar Reddy : Department of Statistics, S.V. University, Triupati.
- Professor R.K. Shyamasundar : Senior Professor, J.C. Bose National Fellow, School of Technology & Computer Science, Tata Institute of Fundamental Research, Mumbai.

SOCIAL SCIENCES**Statute 9(3) (i)*****Dean***

- Professor Nandini Sundar (upto 29.02.2012)
- Professor Satish Deshpande (w.e.f. 01.03.2012)

Statute 9(3) (ii)***Heads of the Departments***

- | | | |
|------------------------------|--------------------|---------------------|
| Dr. Suresh Kumar | African Studies | (upto 05.02.2012) |
| Dr. A.S. Yaruigam | African Studies | (w.e.f. 06.02.2012) |
| Professor P.K. Datta | Political Science | |
| Professor Pami Dua | Economics | |
| Dr. Barkatullah Khan | Geography | (upto 20.07.2011) |
| Dr. Anu Kapur | Geography | (w.e.f. 21.07.2011) |
| Professor Basudev Chatterjee | History | (upto 30.06.2011) |
| Professor R.C. Thakran | History | (w.e.f. 01.07.2011) |
| Professor Anita Sharma | East Asian Studies | |
| Professor Nandini Sundar | Sociology | (upto 29.02.2012) |

Professor Satish Deshpande	Sociology	(w.e.f. 01.03.2012)
Professor Sanjai Bhatt	Social Work	(upto 03.04.2011)
Professor Sushma Batra	Social Work	(w.e.f. 04.04.2011)
Professor Nandini Sundar	Adult Continuing Education & Extension	(upto 29.02.2012)
Professor Satish Deshpande	Adult Continuing Education & Extension	(upto 13.03.2012)
Dr. Rajesh	Adult Continuing Education & Extension	(w.e.f. 14.03.2012)

Statute 9(3) (iii)

All Professors of the Departments

Professor Shahid Amin	History
Professor K.M. Shrimali	History
Professor Basudev Chatterjee	History
Professor B.P. Sahu	History
Professor Upinder Singh	History
Professor Mahesh Rangarajan	History
Professor Farhat Hasan	History
Professor Seema Alavi	History
Professor S.Z.H. Jafri	History
Professor N. Lahiri	History
Professor T.K.V. Subramanian	History
Professor Amar Farooqui	History
Professor Sunil Kumar	History
Professor R.P. Rana	History
Professor Kesavan Veluthat	History
Professor Ujjwal Kr. Singh	Political Science
Professor Navnita C. Behra	Political Science
Professor Veena Kukreja	Political Science
Professor Bidyut Chakravarty	Political Science
Professor Neera Chandhoke	Political Science
Professor Madhu Bhalla	East Asian Studies
Professor Shreemati Chakrabarti	East Asian Studies
Professor Brij Mohan Tankha	East Asian Studies
Professor Sudhir A. Shah	Economics
Professor Ashwini Deshpande	Economics
Professor Aditya Bhattacharjee	Economics
Professor Santosh C. Panda	Economics
Professor Pulin B. Nayak	Economics
Professor T.C.A. Anant	Economics
Professor Sunil Kanwar	Economics
Professor Rohini Somanathan	Economics
Professor J.V. Meenakshi	Economics

Professor Roma Chatterji	Sociology
Professor Abhijit Dasgupta	Sociology
Professor Rajni Palriwala	Sociology
Professor Meenakshi Thapan	Sociology
Professor Nandini Sundar	Sociology
Professor Tulsi Patel	Sociology
Professor H. Ramachandra	Geography
Professor Sanjay Bhatt	Social Work

Statute 9(3) (iv)

One Reader and one Lecturer by Rotation according to Seniority

Dr. Tribhuwan Prasad	African Studies
Dr. Arup Ranjan Banerjee	History
Sh. Vikas Gupta	History
Dr. Ashok Kumar Acharya	Political Science
Dr. Rajesh Dev	Political Science
Mr. Nabin Kr. Panda	East Asian Studies
Dr. Ravni Thakur	East Asian Studies
Dr. (Ms.) Mausumi Das	Economics
Shri Sugata Bag	Economics
Dr. (Ms.) Rita Brara	Sociology
Shri Tilla Kumar	Sociology
Dr. S.C. Rai	Geography
Dr. (Ms.) Anindita Datta	Geography
Dr. (Ms.) Pamela Singla	Social Work
Dr. (Ms.) Archana Kaushik	Social Work

Statute 9(3) (v)

One Teacher from each College by Rotation according to Seniority

Dr. Shivasankara Menon	St. Stephen's College
Shri Harmohinder Singh	Shri Guru Nanak Dev Khalsa College
Shri R.M. Bhardwaj	Deen Dyal Upadhyaya College
Dr. S.K. Srivastava	Hans Raj College
Dr. (Ms.) Tripta Verma	Mata Sundari College
Dr. S. Shukla	Kirori Mal College
Ms. Anita Khatri	S.P. Mukherji College for Women
Ms. G. Amin	Jesus & Mary College
Dr. J.N. Sinha	Rajdhani College
Dr. V.K. Tyagi	Delhi College of Arts & Commerce
Ms. Neera Sehgal	Shyam Lal College
Dr. C. Sivasankra Reddy	Sri Venkateshwara College
Dr. Devender Kakkar	School of Open Learning
Ms. Parminder Kaur Nagar	S.G.T.B. Khalsa College

Ms. Neelam Sood	Kamala Nehru College
Dr. (Ms.) Asha Gupta	Bharti College
Ms. Indira Kohli	Maitreyi College
Ms. Santosh Duggal	Shivaji College
Dr. A.K. Majumdar	Zakir Hussain College (Eve.)
Dr. S.B. Jain	Satyawati College
Ms. Renu Sethi	Gargi College
Dr. B.K. Sharma	Moti Lal Nehru College (Eve.)
Shri A.K. Tripathy	Ramanujan College
Dr. Subhash Chander Rana	Sri Aurobindo College (Eve.)
Dr. (Ms.) S. Shobika	Indra Prastha College for Women
Ms. S. Sandhir	Kalindi College
Shri Punam Dagar nee Rama	Bhagini Nivedita College for Women
Ms. Sangit Kr. Ragi	Maharaja Agrasain College
Ms. Nirmal Kanta	Vivekanand College
Dr. Sunder Raman	P.G.D.A.V. College
Ms. Asha Nayyar	Swami Shraddhanand College
Shri S.K. Taneja	Ram Lal Anand College (Eve.)
Ms. Dolly Menon	Lady Sri Ram College
Ms. Anita Mathur	Sri Ram College of Commerce
Ms. Rubina Nagvi	Hindu College
Dr. Anup Chatterjee	A.R.S.D. College
Ms. V. Mangalnath	Janki Devi Memorial College
Shri Surjeet R. Dhillon	Shaheed Bhagat Singh College
Shri V.K. Kaul	College of Vocational Studies
Shri Anil Kumar	Daulat Ram College
Shri Hemant Lasker	Ramjas College
Dr. D. Mirchandani	Miranda College
Dr. Niranjani Dwivedi	Dyal Singh College
Dr. Rameshwar Thakur	Bhim Rao Ambedkar College
Ms. Sunita Behmanui	Aditi Mahavidyalaya

Statute 9(3) (vi)

Co-opted Members

Professor Arunava Sen	:	Indian Statistical Institute, New Delhi.
Professor D.L. Sheth	:	C.S.D.S., Delhi.
Professor Amrit Srinivasan	:	Indian Institute of Technology, New Delhi.
Professor Survinjit Mehta	:	Panjab University, Chandigarh.

Statute 9(3) (vii)***Nominated by the Academic Council***

Professor R.K. Barik	:	Indian Institute of Public Administration, I.P. Extension, Ring Road, Near I.T.O., New Delhi.
Professor Bina Agarwal	:	Director Institute of Economic Growth, University of Delhi, North Campus, Delhi.
Professor Mary John	:	Centre for Women Development Studies, 25, Bhai Vir Singh Marg, Near Gole Market, New Delhi.
Professor Anwar Alam	:	Department of West Asian Studies, Jamia Millia Islamia University, Jamia Nagar, New Delhi.
Professor Muchkund Dubey	:	Centre for Social Development, Lodi Road, New Delhi.

APPLIED SOCIAL SCIENCES AND HUMANITIES

Professor V.K. Kaul	Head, Business Economics & Dean, FASS&H
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Other Members

Professor Rashmi Agrawal	Business Economics
Professor Suresh Chand Aggarwal	Business Economics
Professor Surender Kumar	Business Economics
Dr. Deepa Saran	Business Economics
Dr. Ananya Ghosh Dastidar	Business Economics
Professor S.S. Yadav	Centre of Management Studies, IIT, Delhi.
Dr. Ranjana Saxena	Head, Slavonic & Finno-Ugrian Studies
Dr. Neelakshi Suryanarayan	Reader, Slavonic & Finno-Ugrian Studies
Dr. Pratibha Verma	Reader, B.R. Ambedkar College
Professor Indira Rajaraman	Member, 13th Finance Commission, New Delhi
Professor Kanchan Chopra	Former Director, Instt. of Economic Growth, Gurgaon
Professor Pradeep Mathur	Director (Retd.), Indian Institution Mass Media & Mass Communication
Professor Rashmi Doraiswami	Academic of third world Studies, Jamia Millia Islamia
Ms. Rohini Singh	Reader, Shaheed Sukhdev College of Business Studies

EDUCATION

Statute 9(3)(i)

Dean

Professor Anita Rampal

Statute 9(3)(ii)

Head of the Department

Professor Anita Rampal

Statute 9(3)(iii)

All Professors of the Department

Professor Krishna Kumar
Professor Shyam B. Menon
Professor Bharati Baveja
Professor Poonam Batra
Professor Rama Mathew
Professor Sadhana Saxena
Professor Namita Ranganathan
Professor Gaysu R. Arvind
Professor Shree Ram Mittal

Statute 9(3)(iv)

One Reader and one Lecturer by rotation according to Seniority

Dr. (Ms.) D. Parimala
Dr. (Ms.) Jayshree Mathur

Statute 9(3)(v)

One Teacher from each College by rotation according to Seniority

Dr. Radhika Menon	Mata Sundari College for Women
Dr. Sandeep Tiwari	Indira Gandhi Instt. Phy. Ed. & Sports Sciences
Dr. (Ms.) Manjari Gopal	M.V. College of Education
Dr. (Ms.) Renu Malviya	Lady Irwin College (w.e.f. 19.05.2011)
Dr. Disha Nawani	Gargi College
Ms. Gagandeep Bajaj	Shyama Prasad Mukherjee College (w.e.f. 19.05.2011)
Dr. R.G. Mathur	R.A.K. College of Nursing (upto 18.05.2011)
Dr. (Ms.) Alka Sehgal	Jesus & Mary College (w.e.f. 19.05.2011)
Ms. Smriti Sharma	Lady Shri Ram College for Women (w.e.f. 19.05.2011)
Dr. Indu Nashier	Aditi Mahavidyalaya

Statute 9(3)(vi)***Co-opted Members***

- Professor K. Sujatha : Head, Department of Comparative Education and International Cooperation, National University of Educational Planning and Administration, Sri Aurobindo Marg, New Delhi.
- Dr. S. Srinivasa Rao : Zakir Hussain Centre for Education Studies, School of Social Sciences, JNU, New Delhi.
- Professor B.K. Tripathi : Joint Director, NCERT, New Delhi.
- Professor Rama V. Baru : Centre of Social Medicine and Community Health, School of Social Sciences, JNU, New Delhi.

Statute 9(3)(vii)***Nominated by the Academic Council***

- Professor Avinash K. Singh : Department of Foundations of Education, National University of Educational Planning and Administration, New Delhi.
- Professor Satvir Singh : DDA Flats, Munirka, New Delhi.
- Professor N.K. Dash : School of Education, Indira Gandhi National Open University, Maidan Garhi, New Delhi.
- Professor Ajit Kumar Mohanty : School of Social Sciences, Zakir Hussain Centre for Educational Studies, JNU, New Mehrauli Road, New Delhi.
- Professor Talat Aziz : Department of Teacher's Training & Non-Formal Education, Jamia Millia Islamia, Jamia Nagar, New Delhi.

INTER-DISCIPLINARY AND APPLIED SCIENCES***Dean***

- Professor Avinashi Kapoor - *Chairperson*

Other Members

- | | |
|--------------------------|-----------------------------|
| Professor S. Srivastava | Professor Anil K. Tyagi |
| Professor Rani Gupta | Professor Anil Grover |
| Professor B.K. Thelma | Professor M.K. Das |
| Dr. Subhendu Ghosh | Dr. Manisha Goel |
| Professor Enakshi Sharma | Professor A.K. Verma |
| Professor P.K. Bhatnagar | Professor V.K. Chaudhary |
| Professor P.C. Ghosh | Professor Indranil Dasgupta |

Dr. Giridhar K. Pandey	Dr. Pradeep Burma
Dr. Suneel Kateriya	Dr. Suman Kundu
Dr. Jagreet Kaur	Dr. Amita Gupta
Dr. Saurabh Raghuwanshi	Professor M.V. Rajam
Professor R.C. Kuhad	Professor J.S. Viridi
Professor T. Satyanarayana	Professor D.P. Sarkar
Professor J.P. Khurana	Professor P. Khurana
Professor Madan Mohan	Professor A.K. Pradhan
Professor Deepak Pental	Professor R.K. Saxena
Dr. Mridula Gupta	Dr. Swati Saha
Ms. Amita Kapoor	Dr. Vishal Dhingra
Dr. Anita Sondhi	Dr. Anurag Mishra
Ms. Nitika Nagpal	Ms. Jyoti Anand
Dr. Rekha Gupta	Ms. Vandana Bhalla
Dr. Sunita Joshi	Dr. Y.D. Sharma
Dr. P.K. Shishodia	Mr. P.K. Singh
Dr. Prerna Diwan	Professor P.K. Mehta
Ms. Nirupama	Dr. Deepika Yogesh
Dr. D.K. Kansal	Dr. Anjana Kapoor

MUSIC AND FINE ARTS

Statute 9(3)(i)

Dean

Professor Anupam Mahajan - *Chairperson*

Statute 9(3)(ii)

Head

Professor Anupam Mahajan

Statute 9(3)(iii)

All Professors of the Departments

Professor Sunita Dhar	Professor Gita Paintal
Professor Anjali Mittal	Professor Uma Garg
Professor Manjushree Tyagi	Professor Suneera Kasliwal
Professor Deepti Bhalla	Professor Radha, V.
Professor Madhu Bala Saxena	Professor Alka Nagpal

Statute 9(3)(iv)

One Reader and one Lecturer by rotation according to Seniority

Dr. Rajeev Verma
Dr. Sudepta Sharma

Statute 9(3)(v)***One Teacher from each College by rotation according to Seniority***

Dr. Krishna Chaudhury	Lakshmibai College
Dr. Suniti Dutta	Aditi Mahavidyalaya
Smt. Renu Gupta	Kalindi College
Dr. Renu Rajan	Aurobindo College (Eve.)
Dr. Vandana Sharma	Bhagini Nivedita College
Dr. Sarita Pathak	Bharti College
Dr. Neeta Mathur	Vivekananda College
Dr. Deepti Bansal	Daulat Ram College
Ms. Gursharan Kaur	Mata Sundri College
Dr. Sudha Mathur	S.P. Mukherji College for Women
Dr. (Ms.) Prerna Arora	Janki Devi Memorial College

Statute 9(3)(vii)***Nominated by the Academic Council***

Professor T.N. Krishnan	Professor Vidyadhar Vyas
Professor Satyabhan Sharma	Vidushi (Smt.) Shanno Khurana
Professor Ranjana Srivastava	

TECHNOLOGY***Dean***

Professor Raj Senani	- Faculty of Technology
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Members

Professor Raj Senani	- Head, Electronics & Communication Engg.
Professor J.R.P. Gupta	- Head, Instrumentation & Control Engg.
Professor Ashutosh Trivedi	- Head, Civil Engg.
Professor Manisha Gupta	- NSIT
Professor Harish Parthasarthy	- NSIT
Professor Shampa Chakravarty	- NSIT
Professor Sangeeta Sabharwal	- NSIT
Professor M.P.S. Bhatia	- NSIT
Professor A.P. Mittal	- NSIT
Professor Smriti Srivastava	- NSIT
Professor Sachin Maheshwari	- NSIT
Professor Vijay Gupta	- NSIT
Professor O.P. Thakur	- NSIT
Dr. Prerna Gaur, Asstt. Professor	- NSIT

MANAGEMENT STUDIES

Professor Raj S. Dhankar	-	<i>Head and Dean</i>
Professor V.K. Bhalla		
Professor J.K. Mitra	Professor M. L. Singla	
Professor Vijay Kapur	Professor Sunita Singh Sengupta	
Professor Vivek Suneja	Professor V.K. Seth	
Professor Madhu Vij	Professor Simrit Kaur	
Professor Ajay Pandit	Professor Sunil Sharma	
Dr. S.K. Tuteja	Dr. Preetam Khandelwal	
Dr. H.D. Gupta	Dr. Mala Sinha	
Dr. A. Venkatraman	Dr. Kavita Singh	
Dr. Tanuja Aggarwal	Dr. Harsh Vardhan Verma	
Dr. Anupama Vohra	Dr. Pankaj Sinha	
Dr. Debadyuti Das	Dr. Monica Singhanian	
Dr. Amit Kumar Bardhan	Shri Hamendra Kumar Dangi	
Shri Narain	Dr. Garima Gupta	
Dr. Mahima Thakur	Dr. Anjala Kalsie	
Dr. Soma Dey	Dr. Partha S Chatterjee	

COMMERCE & BUSINESS

Statute 9(3)(i)

Dean

Professor I.M. Pandey	(upto 18.05.2011)
Professor K.V. Bhanumurthy	(w.e.f. 19.05.2011)

Statute 9(3)(ii)

Head of the Departments

Professor K.V. Bhanumurthy	Commerce	
Professor I.M. Pandey	Financial Studies	(upto 16.01.2012)
Professor V.K. Vasal	Financial Studies	(upto 03.02.2012)
Professor C.P. Gupta	Financial Studies	(w.e.f. 04.02.2012)

Statute 9(3)(iii)

All Professors of the Department

Professor Sri Ram Khanna	Commerce
Professor Sanjay Kumar Jain	Commerce
Professor J.P. Sharma	Commerce
Professor Muneesh Kumar	Financial Studies
Professor Sanjey Sehgal	Financial Studies
Professor Virendra Kumar Vasal	Financial Studies
Professor C.P. Gupta	Financial Studies

Statute 9(3)(iv)***One Reader and one Lecturer by rotation in accordance to seniority***

Dr. Ajay Kumar Singh	Commerce	(upto 02.02.2012)
Dr. Kavita Sharma	Commerce	(w.e.f. 03.02.2012)
Ms. Vanita	Commerce	(upto 06.05.2011)
Ms. Niti Sury	Commerce	(w.e.f. 07.05.2011)
Dr. (Ms.) Nidhi Jain	Financial Studies	(w.e.f. 15.02.2011)
Ms. Deepa Vasudevan	Financial Studies	(upto 06.05.2011)

Statute 9(3)(v)***One Teacher from each College***

Ms. Bhawana Jain	Aditi Mahavidyalaya	(upto 06.05.2011)
Ms. Anu Jain	Aditi Mahavidyalaya	(w.e.f. 07.05.2011)
Shri Ravinder Kumar	Maharaja Agrasen	(upto 05.06.2011)
Dr. Alok Puranik	Maharaja Agrasen	(w.e.f. 14.06.2011)
Ms. Renu Chaudhary	Indraprastha College for women	
Ms. G.L. Katwani	Dyal Singh College	
Shri I.C. Jain	Delhi College of Arts & Commerce	
Dr. (Ms.) S. Kaistha	Jesus & Mery College	
Dr. R.K. Joshi	Swami Shradhanand College	
Dr. Kawal Gill	Shri Guru Gobind Singh College	
Shri S.C. Garg	Ram Lal Anand College (Eve)	
Shri S. Venkata Kumar	Venkateshwara College	
Shri D.P. Gupta	Ramanujan College	
Ms. Nishi Sharma	Bhim Rao Ambedkar College	
Shri R.K. Aggarwal	Shyam Lal College (Eve)	(upto 19.05.2011)
Shri T.C. Agarwal	Shyam Lal College (Eve)	(upto 19.10.2011)
Shri S.K. Puri	Shyam Lal College (Eve)	(w.e.f. 20.10.2011)
Dr. MadhuBala	Bhagini Nivedita College	
Dr. (Ms.) Poonam Sharma	Janki Devi Memorial College	
Dr. Savita Hanspal	Kamala Nehru College	
Ms. Anupama	Kalindi College	
Shri Vijay Kumar	A.R.S.D. College	
Ms. Anuradha Sarin	Acharya Narendra Dev College	
Ms. Saloni Gupta	Bhartati College	
Shri Raman Kumar	College of Vocational Studies	
Dr. (Ms.) Madhu Aggarwal	Daulat Ram College	
Ms. Manju Sahai	Gargi College	
Shri S.K. Jain	Hansraj College	
Dr. R.K. Sharma	Kirori Mal College	
Ms. J. Arora	Lady Sri Ram College of Commerce	
Ms. Alka Harnja	Lakshmi Bai College	

Sh. R.P. Singh	S.G.T.B. Khalsa College	
Dr. K.C. Verma	Aurobindo College	
Ms. Meenakshi Aggarwal	Vivekanand College	
Shri Hem Chand Jain	Deen Dyal Upadhyaya	
Ms. Prabh Sharn Kaur	Mata Sundri College	
Ms. S.C. L Batra	SRCC	(upto 12.03.2012)
Dr. Gauri Shankar	SRCC	(w.e.f. 13.03.2012)
Shri Shailendra Saxena	Satyawati College	
Ms. Usha Sharda	Shivaji College	
Dr. G.L. Tayal	Ramjas College	
Dr. Vipin Negi	Keshav Mahavidyalaya	
Dr. K.L. Dahiya	School of Open Learning	
Dr. Renu Aggarwal	Shyama Prasad Mukherjee College	
Dr. B.C. Sehgal	Shaheed Bhagat Singh College	
Shri S.K. Dhawan	Hindu College	(upto 25.02.2012)
Ms. Poonam Sethi	Hindu College	(w.e.f. 26.02.2012)
Dr. (Ms.) Suman Gupta	Maitreyi College	
Dr. S.N. Kapur	P.G.D.A.V. College	(upto 14.10.2011)
Dr. K.K. Gupta	P.G.D.A.V. College	(w.e.f 15.10.2011)
Dr. B.S. Moshal	Zakir Husain College	(w.e.f. 14.06.2011)

Statute 9(3)(vii) – Nominated by the Academic Council

Mr. Manoj Kohli	:	CEO & Joint Managing Director Bharti Air Ltd.
Professor N.V. Narasimham	:	School of Management Studies Indra Gandhi National Open University.
Professor P.K. Jain	:	Department of Management Studies IIT, Delhi.
Professor Manoj Pant	:	Center for International Trade & Development, School of International Studies, J.N.U., New Delhi.
Dr. Anup Pujari	:	Joint Secretary, Ministry of Finance, Govt. of India.

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Shri Anisur Rehman			
Shri A.R. Geelani			

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Dr. H.P. Gangnegi			
Dr. I.N. Singh			

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Dr. Shailender Kumar			
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Dr. Avinash Kumar			
Dr. Nandita Babu			
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Dr. C. Pramodini Devi			
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Deptt. of Punjabi

Dr. Manjit Singh	-	Head	
Professor Kuljit Shelie	-		(upto 30.11.2011)
Dr. Rajinder Kaur	-	Mata Sundri College	(upto 29.02.2012)
Dr. Kulvir Gojra	-	Punjabi	

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Professor Mithilesh Chaturvedi	-	Head	
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Dr. Vandita Arora	-	I.P. College	

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Professor Gopeshwar Singh	-	Head
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Dr. Snehlata		

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Professor Raj Senani

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Head, Computer Sciences Engg.		
Head, Production & Industrial Engg.		
Head, Mechanical Engg.		
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Prof. Ashutosh Trivedi, Head	-	Civil Engg.

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Professor Jitendra P. Khurana	-	Plant Molecular Biology
Professor K. Sreenivas	-	Physics & Astrophysics

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Professor I. Usha Rao (upto 12.06.2011)

Chairperson & Head of Botany

Professor S.C. Bhatla (w.e.f. 13.06.2011)

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Professor A.K. Bakshi	Chemistry (upto 09.08.2011)
Professor S.M.S. Chauhan	Chemistry (w.e.f. 10.08.2011)
Professor Ashok Kumar Singh	Zoology
Professor S.L. Malik	Anthropology
Professor B.C. Das	B.R.A.C. for Biomedical Research
Professor Talat Ahmed	Geology (upto 31.05.2011)
Professor C.S. Dubey	Geology (w.e.f. 01.06.2011)
Professor S.S. Agrawal	Pharmacy (upto 31.08.2011)
Professor B.P. Srinivasan	Pharmacy (w.e.f. 01.09.2011)
Dr. (Mrs.) Kumud Khanna	Home Science (upto Oct. 2011)
Dr. (Mrs.) Anupa Sidhu	Lady Irwin College (w.e.f. 17.10.2011)
Professor M.K. Pandit	Environmental Studies

Professors

Professor D.S. Kulshrestha	Physics & Astrophysics
Professor V.S. Parmar	Chemistry
Professor A.K. Bhatnagar	Botany
Professor V.K. Bhasin	Zoology
Professor C.S. Dubey	Geology (upto 31.05.2011)
Professor Devesh Sinha	Geology (w.e.f. 21.11.2011)
Professor P.K. Ghosh	Anthropology
Professor Inderjit Singh	Environmental Studies
Professor B.P. Srinivasan	Pharmacy (upto 31.08.2011)
Professor D.K. Majumdar	Pharmacy

Readers

Dr. Binay Kumar	Physics and Astrophysics
Dr. S.K. Awasthy	Chemistry
Dr. D.K. Singh	Zoology
Dr. N.C. Pant	Geology
Dr. G.K. Kshatriya	Anthropology
Dr. A.J. Urfi	Environmental Biology
Dr. (Ms.) Anupa Siddhu	Lady Irwin College (upto 16.10.2011)
Dr. (Mrs.) Santosh Jain Passi	Institute of Home Economics (w.e.f. 13.12.2011)

Lecturers

Dr. Awadesh Prasad	Physics & Astrophysics
Dr. G.C. Gupta	Physics & Astrophysics
Dr. Sachin Mittal	Deen Dayal Upadhyaya College
Dr. P.R. Mondal	Anthropology

Dr. R.S. Sharma
Dr. S. Shekhar
Dr. A. Saikia
Dr. S.R. Wakode

Environmental Studies
Geology
Ram Lal Anand College
DISPAR

MEDICAL SCIENCES

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Professor Upreet Dhaliwal	Chairperson	(w.e.f. 22.10.2011)

Head of the Departments

Professor Ashok Kumar	Anaesthesiology (UCMS)	(upto 28.10.2011)
Professor Rakesh Kumar	Anaesthesiology (MAMC)	(w.e.f. 29.10.2011)
Professor M. Nagar	Anatomy (UCMS)	
Professor B.D. Banerjee	Bio-Chemistry (UCMS)	(upto 29.01.2012)
Professor S.K. Bansal	Bio-Chemistry (VPCI)	(w.e.f. 30.01.2012)
Professor Sanjay Chaturvedi	Community Medicine (UCMS)	
Professor Vijay Kumar	Dermatology and Venereology (MAMC)	
Professor S.K. Verma	Forensic Medicine (UCMS)	
Professor Anita Chakravarty	Microbiology (MAMC)	(upto 28.10.2011)
Professor Renu Dutta	Microbiology (LHMC)	(w.e.f. 29.10.2011)
Professor Mukul P. Agarwal	Medicine (UCMS)	
Professor Neelam Bala Vaid	Obst. & Gynae. (UCMS)	
Professor Jolly Rohatgi	Ophthalmology (UCMS)	(upto 21.10.2011)
Professor Upreet Dhaliwal	Ophthalmology (UCMS)	(w.e.f. 22.10.2011)
Professor Ajay Kumar Gupta	Orthopaedics (MAMC)	
Professor T.S. Anand	Otolaryngology (LHMC)	(upto 12.02.2012)
Professor Lakshmi Vaid	Otolaryngology (UCMS)	(w.e.f. 13.02.2012)
Professor Anand Prakash Dube	Paediatrics (MAMC)	
Professor Meera Sikka	Pathology (UCMS)	(w.e.f. 22.01.2012)
Professor Kiran Mishra	Pathology (UCMS)	(upto 21.01.2012)
Professor S.K. Bhattacharya	Pharmacology (UCMS)	(upto 19.07.2011)
Professor Pramod Kumari	Pharmacology (UCMS)	(w.e.f. 20.07.2011)
Professor Nilima Shanker	Physiology (UCMS)	
Professor M.S. Bhatia	Psychiatry (UCMS)	(w.e.f. 07.01.2011)
Professor Raj Kumar	Pulmonary Medicine (VPCI)	(upto 28.09.2011)
Professor S.N. Gaur	Pulmonary Medicine (VPCI)	(w.e.f. 29.09.2011)
Professor Rama Anand	Radiology (LHMC)	(upto 22.10.2011)
Professor Gopesh Mehrotra	Radiology (UCMS)	(w.e.f. 01.12.2011)
Professor P.N. Aggarwal	Surgery (MAMC)	
Professor Mahesh Verma	Dental Science (MAMC)	(upto 05.10.2011)
Professor Namita Kalra	Dental Science (UCMS)	(w.e.f. 06.10.2011)

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The Director, Lady Hardinge Medical College, New Delhi.
The Principal, University College of Medical Sciences, Delhi.
The Principal, Maulana Azad Institute of Dental Sciences, New Delhi.
The Medical Superintendent, Kasturba Hospital, Delhi.
The Director, V.P.C.I., University of Delhi, Delhi.
The Director, G.B. Pant Hospital, New Delhi.
The Director, Institute of Human Behaviour & Allied Sciences, Shahdara, Delhi.
The Director, National Institute of Health & Family Welfare, Munirka, New Delhi.
The Commandant, Army Hospital, Delhi Cantt., New Delhi.

Senior Most Reader/Associate Professor nominated from each Teaching Institution

Dr. Anil Kohli, Reader, Department of Forensic Medicine, UCMS.
Dr. Rafat Ahmed, Reader, Department of Biochemistry, UCMS. (w.e.f. 12.03.2012)
Dr. Malini Shariff, Reader, Department of Microbiology, VPCI.
Dr. Mandira Varma, Reader, Department of Microbiology, VPCI. (w.e.f. 16.03.2012).
Dr. Shilpi Agarwal, Associate Professor, Department of Pathology, LHMC.

Vice-Chancellor Nominee

Professor Anil K. Tyagi, Department of Bio-Chemistry, University of Delhi South Campus, New Delhi.
Professor R.C. Kuhad, Department of Microbiolog, University of Delhi South Campus, New Delhi.
Professor K. Murlidhar, Department of Zoology, University of Delhi, Delhi.

APPLIED SOCIAL SCIENCES AND HUMANITIES

Professor V.K. Kaul	Dean Faculty of Applied Social Sciences and Humanities and Head of the Deptt. of Business Economics
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Members

Professor Rashmi Agrawal	Business Economics
Professor Suresh Chand Aggarwal	Business Economics
Professor Surender Kumar	Business Economics
Dr. Deepa Saran	Business Economics

Dr. A.G. Dastidar	Business Economics
Professor K.V. Bhanumurthy	Head, Deptt. of Commerce
Dr. Ranjana Saxena	Head, Deptt. of Slavonic & Finno-Ugrian Studies
Dr. Neelakshi Suryanarayan	Slavonic & Finno-Ugrian Studies
Dr. Pratibha Verma	B.R. Ambedkar College

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Dr. Mridula Gupta		Dr. Mamta Saini
Professor V.K. Chaudhary		Professor P.C. Ghosh
Dr. Alo Nag		Dr. Suneel Kateriya
Professor B.K. Thelma		Professor M.V. Rajam
Dr. Pradeep K. Burma		Dr. Surajit Sarkar
Dr. Subhendu Ghosh		Dr. Manisha Goel
Dr. D.K. Kansal		Dr. T.N. Pramanik
Professor I. Dasgupta		Professor J.P. Khurana
Professor Sanjay Kapoor		Dr. Surekha Katiyar
Professor J.S. Virdi		Professor T. Satyanarayana
Dr. Swati Saha		Dr. Y.P. Khasa
Dr. Sudha Chaudhary		Dr. M.K. Das
Dr. Sandhya Aneja		Dr. Sushil T. Vig

MUSIC AND FINE ARTS

Professor Anupam Mahajan	Chairperson Dean & Head, Department of Music
Professor Vijay Mohan	Principal, College of Art
Professor Alok Rai	Department of English VC's Nominee
Professor Navnita C. Behera	Department of Political Science VC's Nominee

Professors by rotation

Professor Gita Paintal
 Professor Manjushree Tyagi
 Professor Suneera Kasliwal

Readers

Dr. Rajiv Verma
 Dr. Madan Shankar Mishra
 Dr. Ojesh Pratap Singh
 Dr. Shailender Goswami
 Dr. Krishna Chaudhury

Lakshmibai College

SOCIAL SCIENCES

Dean

Professor Nandini Sundar	Chairperson	(upto 29.02.2012)
Professor Satish Deshpande	Chairperson	(w.e.f. 01.03.2012)

Deptt. of African Studies

Dr. Suresh Kumar		(upto 05.02.2012)
Dr. A.S. Yaruvingam	Head	(w.e.f. 06.02.2012)

Deptt. of East Asian Studies

Professor Anita Sharma	Head	
Professor Madhu Bhalla		
Dr. Madhavi Thampi,	Reader	
Dr. Shreeparna Roy	Lecturer	

Deptt. of Economics

Professor Pami Dua	Head	
Professor Pulin B. Nayak		
Dr. Shreekant Gupta		
Dr. Deepti Goel		
Dr. Vishnu Kant Purohit	Lecturer - I.P. College	
Dr. Rupa Basu	Lecturer - Kamala Nehru College	

Deptt. of Geography

Dr. B.K. Khan		upto 20.07.2012
Dr. Anu Kapoor	Head	w.e.f. 21.07.2011
Professor H. Ramachandran		
Dr. R.B. Singh	Reader	
Dr. Anindita Datta	Lecturer	
Dr. V.K. Tyagi	Lecturer - Shaheed Bhagat Singh College	

Deptt. of History

Professor Basudev Chatterjee		(upto 30.06.2011)
Professor R.C. Thakran	Head	(w.e.f. 01.07.2011)
Professor S.Z.H. Jafri		
Professor Prabhu P. Mohapatra	Reader	
Dr. David Vumlallian Zou	Lecturer	
Dr. Firdaus Anwar	Lecturer - Kirori Mal College	

Deptt. of Political Science

Professor Pradip Kumar Datta	Head	
Professor Ujjwal Kumar Singh		
Dr. Satyajit Singh	Reader	
Dr. Sohini Guha	Lecturer	
Dr. Seema Narain	Lecturer - Deshbandhu College	

Deptt. of Social Work

Professor Sanjai Bhatt		(upto 03.04.2011)
Professor Sushma Batra	Head	(w.e.f. 04.04.2011)
Professor Sanjai Bhatt		
Dr. Pamela Singla	Reader	
Dr. Manoj Kumar Jha	Reader	
Dr. A. Shahin Sultana	Lecturer	
Dr. V.P. Singh	Lecturer - B.R. Ambedkar College	

Deptt. of Sociology

Professor Nandini Sundar		(upto 29.02.2012)
Professor Satish Deshpande	Head	(w.e.f. 01.03.2012)
Professor Abhijit Dasgupta		
Dr. Anuja Agrawal	Reader	
Dr. Kamei Aphun	Lecturer	
Dr. S.K. Chopra	Lecturer - Maitreyi College	

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Professor Satish Deshpande	Officiating Head	(upto 13.03.2012)
Dr. Rajesh	Head	(w.e.f. 14.03.2012)
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Professor Malashri Lal	Deptt. of English (SDC)

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Dean & Head

Professor Raj S. Dhankar	-	Chairperson
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Professor

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Professor Sunita Singh Sengupta
Professor V.K. Seth
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Dr. Preetam Khandelwal
Dr. H.D. Gupta

Co-opted

Dr. Tanuja Agarwala

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Dr. Vandana

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Dr. Alka Behari		
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Dr. D. Parimala		
Dr. Sushmita Ram	-	Jesus & Mary College

**EXECUTIVE COUNCIL AND UNIVERSITY
REPRESENTATIVES ON THE GOVERNING BODIES OF
THE COLLEGES/HOSTELS**

NORTH CAMPUS

University Maintained Colleges

AGRICULTURAL ECONOMICS RESEARCH CENTRE

Professor Kanchan Chopra	Chairperson
Professor S. Mahendra Dev	E.C. Nominee
Professor Pronab Sen	Experts Member
Professor S.K. Ray	Experts Member
Professor Suresh Pal	Experts Member

Dr. B.R. AMBEDKAR CENTRE FOR BIO-MEDICAL RESEARCH

Professor Vivek Suneja	Chairman
Professor Rajendra Prasad	E.C. Nominee
Professor V.S. Chauhan	E.C. Nominee
Professor Nishi Madan	E.C. Nominee
Professor Avadhesh Siroliya	E.C. Nominee
Professor Sudhish Pachauri	E.C. Nominee
Professor Umesh Rai	E.C. Nominee

KIRORI MAL COLLEGE

Shri Achut Kumar Saikia	Chairman	(upto 05.04.2011)
Shri Baleshwar Rai	Chairman	(w.e.f. 07.04.2011)
Professor Sumanyu Satpathy	E.C. Nominee	(upto 28.07.2011)
Professor Sheoraj Singh	E.C. Nominee	(w.e.f. 29.07.2011)
Professor C.S. Dubey	E.C. Nominee	(w.e.f. 11.07.2011)
Mrs. Sunita Gupta	E.C. Nominee	(upto 03.06.2011)
Professor R.C. Sharma	E.C. Nominee	
Professor Rajeeva Verma	E.C. Nominee	(upto 09.07.2011)
Professor Arun Sharma	E.C. Nominee	(w.e.f. 11.07.2011)
Professor Himanshu Dhanda	E.C. Nominee	(upto 03.06.2011)
Professor V.K. Bhasin	E.C. Nominee	(w.e.f. 11.07.2011)
Ms. Sadhana Ramachandran	E.C. Nominee	(upto 09.07.2011)
Professor Pramod Rath	E.C. Nominee	(w.e.f. 11.07.2011)
Professor Seema Alavi	E.C. Nominee	(upto 06.07.2011)
Dr. Vinod Kumar	E.C. Nominee	(w.e.f. 11.07.2011)
Professor Mahesh Rangarajan	E.C. Nominee	(upto 10.02.2012)

MIRANDA HOUSE

Professor Manju Sharma	Chairperson	(upto 03.10.2011)
Professor Mrinal Miri	Chairperson	(w.e.f. 16.11.2011)
Professor Meenakshi Thapan	E.C. Nominee	(upto 19.10.2011)
Professor Syed Shahid Mehandi	E.C. Nominee	(w.e.f. 16.11.2011)
Professor J.K. Mitra	E.C. Nominee	(upto 19.10.2011)
Professor J.M. Khurana	E.C. Nominee	(upto 21.03.2012)
Professor Devesh K. Sinha	E.C. Nominee	(w.e.f. 22.03.2012)
Ms. Ira Pande	E.C. Nominee	(upto 19.10.2011)
Professor G.V.R. Prasad	E.C. Nominee	(w.e.f. 16.11.2011)
Professor Sheela Srivastava	E.C. Nominee	(upto 04.10.2011)
Dr. Bala Bawa	E.C. Nominee	(w.e.f. 16.11.2011)
Professor I. Usha Rao	E.C. Nominee	
Professor Poonam Batra	E.C. Nominee	(upto 01.11.2011)
Professor Rajiv Verma	E.C. Nominee	(w.e.f. 16.11.2011)

SCHOOL OF OPEN LEARNING

Dr. Savita M. Dutta	Chairperson	
Professor Ajay Gupta	E.C. Nominee	
Professor S.P. Singh	E.C. Nominee	
Professor K. Mamkoottam	E.C. Nominee	(upto 31.05.2011)
Professor M.M. Chaturvedi	E.C. Nominee	
Professor Gopa Bhardwaj	E.C. Nominee	
Professor Subhadra Channa	E.C. Nominee	
Professor Pami Dua	E.C. Nominee	
Shri Purshotam Bhatia	E.C. Nominee	

V.P. CHEST INSTITUTE

Professor P.N. Tandon	Chairman	
Dr. Satyajit Rath	E.C. Nominee	
Professor I. Usha Rao	E.C. Nominee	(upto 12.06.2011)
Professor S.C. Bhatla	E.C. Nominee	
Professor Anil Tyagi	E.C. Nominee	

UNIVERSITY COLLEGE OF MEDICAL SCIENCES

Professor S.K. Tandon	Chairman	
Professor I. Usha Rao	E.C. Nominee	(upto 12.06.2011)
Professor S.C. Bhatla	E.C. Nominee	(w.e.f. 13.11.2011)
Professor A.K. Tyagi	E.C. Nominee	(upto 12.11.2011)
Professor B.C. Dass	E.C. Nominee	(w.e.f. 13.11.2011)

DELHI GOVT. MAINTAINED COLLEGES

ADITI MAHAVIDYALAYA

University Representative

Professor P.K. Ghosh	(upto 30.12.2011)
Professor Vinod Kumar	(w.e.f. 31.12.2011)
Professor Sumanyu Satpathy	(w.e.f. 09.03.2012)
Professor Seema Alavi	

BHAGINI NIVEDITA COLLEGE

University Representative

Professor Vibha Chaturvedi	(upto 07.09.2011)
Professor Ramesh Gautam	
Professor Ujjwal Kumar Singh	(upto 22.09.2011)
Professor Debi P. Sarkar	

BHARATI COLLEGE

University Representative

Professor Shaswati Mazumdar	(upto 04.04.2011)
Professor Neeta Sehgal	
Professor Udaya Kumar	(upto 18.11.2011)
Professor Meenakshi Thapan	(w.e.f. 19.11.2011)

BHASKARCHARYA COLLEGE OF APPLIED SCIENCES

University Representative

Professor Monika Dutta
Professor S.C. Bhatla

BHIM RAO AMBEDKAR COLLEGE

University Representative

Professor I.M. Pandey	(upto 09.09.2011)
Professor B.P. Singh	
Professor Uma Garg	

DEEN DAYAL UPADHYAYA COLLEGE

University Representative

Professor Vinay Gupta
Professor Vinod Kumar (upto 27.07.2011)
Professor R.C. Kuhad (w.e.f. 28.07.2011)

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES

University Representative

Professor Chander Shekhar (upto 11.11.2011)
Dr. Manjit Singh
Professor Ramphal Rana (upto 26.03.2012)

KALINDI COLLEGE

University Representative

Professor B.P. Sahu
Professor J.L. Kaul (upto 08.08.2011)
Professor Surender Kumar

KESHAV MAHAVIDYALAYA

University Representative

Professor K. Sreenivas
Professor S. Annapoorni

LAKSHMI BAI COLLEGE

University Representative

Professor S.P. Singh (upto 19.11.2011)
Professor Rani Gupta
Professor Madhu Bhalla (upto 03.10.2011)
Professor Satwanti Kapoor
Professor Uma Garg (w.e.f. 28.01.2012)

MAHARAJA AGRASEN COLLEGE

University Representative

Professor Ramesh Gautam
Professor Amar Farooqi

MAHARISHI VALMIKI COLLEGE OF EDUCATION

University Representative

Professor Faraht Hassan (upto 13.04.2011)
Professor Rama Mathew
Professor Amitabha Mookherjee (upto 17.10.2011)
Professor Bharti Baveja

RAJDHANI COLLEGE

University Representative

Professor Achin Vanaik (upto 04.10.2011)
Professor Dinesh K. Sinha
Professor P.K. Dutta
Professor Satwanti Kapoor (w.e.f. 27.10.2011)

SATYAWATI COLLEGE

University Representative

Professor V.K. Bhasin
Professor Apoorvanand (upto 26.03.2012)
Professor N.K. Chadha

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES

University Representative

Professor K. Sreeniwas
Professor D.S. Rawat

SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES

University Representative

Professor Anand Prakash
Professor Achin Vanaik (upto 28.12.2011)
Professor Vinod Kumar

SHIVAJI COLLEGE

University Representative

Professor Debi P. Sarkar (upto 19.06.2011)
Professor Anil Tyagi
Professor H.S. Prasad

SHYAMA PRASAD MUKHERJI COLLEGE FOR WOMEN

University Representative

Professor Kuljeet Shellie (upto 30.11.2011)
Professor Rani Gupta
Professor Rama Mathew

SWAMI SHARDDHANAND COLLEGE

University Representative

Professor S.C. Bhatla (upto 15.03.2012)
Professor Rup Lal
Professor R.C. Thakran (upto 02.07.2011)
Professors D.S. Rawat

VIVEKANAND COLLEGE

University Representative

Professor Uma Garg (upto 26.09.2011)
Professor Tulsi Tatel (upto 21.03.2012)
Professor A.K. Kapoor
Professor Neeta Sehgal

PRIVATE TRUST COLLEGES

AMAR JYOTI INSTITUTE OF PHYSIOTHERAPY

University Representative

Professor Ramphal Rana	(upto 28.11.2011)
Professor Chander Shekhar	(w.e.f. 29.11.2011)
Professor Udaya Kumar	(upto 05.11.2011)
Professor Hari Mohan Sharma	

DAULAT RAM COLLEGE

University Representative

Professor Vinay Gupta	
Professor Sreemati Chakrabarti	(upto 09.09.2011)
Professor J.M. Khurana	

HANS RAJ COLLEGE

University Representative

Professor P.K. Datta	(upto 24.11.2011)
Professor B.P. Sahu	
Professor D.S. Rawat	

HINDU COLLEGE

University Representative

Professor Sunil Kanwar	(upto 23.04.2011)
Professor Rup Lal	(w.e.f. 24.04.2011)
Professor R. Geetha	(upto 23.04.2011)
Professor A.K. Bhatnagar	(w.e.f. 24.04.2011)

INDRAPRASTHA COLLEGE FOR WOMEN

University Representative

Professor Vibha Chaturvedi	(upto 31.07.2011)
Professor J.P. Sharma	
Professor Nandini Sundar	(upto 14.02.2012)

JANKI DEVI MEMORIAL COLLEGE

University Representative

Professor Pami Dua	(upto 29.03.2012)
Professor Sumanyu Satpathy	(w.e.f. 30.03.2012)
Professor S. Panja	(upto 04.10.2011)
Professor Bharati Baveja	

LADY IRWIN COLLEGE

University Representative

Professor S. Panja
Professor A.K. Verma

MATA SUNDRI COLLEGE FOR WOMEN

University Representative

Professor Subhadra Channa	(upto 26.09.2011)
Professor Tulsi Patel	(upto 31.01.2012)
Professor Sheela Shrivastava	
Professor Upinder Singh	(upto 08.12.2011)
Professor Sreemati Chakrabarti	

RAMJAS COLLEGE

University Representative

Professor Ashum Gupta	(upto 27.12.2011)
Professor C.S. Dubey	(w.e.f. 28.12.2011)
Professor Apoorvanand	

SHRI RAM COLLEGE OF COMMERCE

University Representative

Professor Sudhir Shah
Professor Sunita Sengupta

SHYAM LAL COLLEGE

University Representative

Professor I.M. Pande	(upto 19.05.2011)
Professor S.L. Malik	
Professor Keshawan Veluthat	(upto 10.11.2011)
Professor A.K. Singh	

SRI GURU GOBIND SINGH COLLEGE OF COMMERCE

University Representative

Professor V.K. Bhasin (upto 30.01.2012)
Professor N.K. Chadha
Professor Sudhir Shah

SRI GURU TEGH BAHADHUR KHALSA COLLEGE

University Representative

Professor Aditya Bhattacharya
Professor H.S. Prasad

SRI GURU NANAK DEV KHALSA COLLEGE

University Representative

Professor Bhanumurthy (upto 15.02.2012)
Professor Sanjay Kumar Jain (w.e.f. 13.03.2012)
Professor S.R. Mittal (upto 15.02.2012)
Professor Chander Shekher

ST. STEPHEN'S COLLEGE

University Representative

Professor B.P. Sahoo (upto 01.08.2011)
Professor J.M. Khurana
Professor Virginius Xaxa (upto 05.07.2011)
Professor Malashri Lal

ZAKIR HUSAIN DELHI COLLEGE

University Representative

Professor Madan Mohan (upto 19.09.2011)
Professor Malashri Lal
Professor Anita Rampal (upto 10.12.2011)
Professor Ashum Gupta (w.e.f. 11.12.2011)

SCHOOL OF REHABILITATION SCIENCES

University Representative

Professor A.K. Bakhshi (upto 24.09.2011)
Professor Bharti Baveja
Professor Anita Rampal (upto 23.09.2011)
Professor Sanjai Bhatt

GOVERNMENT MAINTAINED COLLEGES

AYURVEDIC & UNANI TIBBIA COLLEGE

University Representative

Professor Sheela Srivastava	(upto 26.03.2012)
Professor Rehana Khatoon	(w.e.f. 27.03.2012)
Professor S.C. Bhatla	(upto 26.03.2012)
Professor Seema Alavi	(w.e.f. 27.03.2012)

COLLEGE OF ART

University Representative

Professor Dipti Bhalla
Professor Udaya Kumar

NETAJI SUBHASH INSTITUTE OF TECHNOLOGY

University Representative

Professor A.K. Verma	
Professor Sanjay Jain	(upto 08.06.2011)
Professor I. Usha Rao	(w.e.f. 09.06.2011)

RAJKUMARI AMRIT KAUR COLLEGE OF NURSING

University Representative

Professor Daman Saluja	
Professor R.C. Kuhad	(upto 26.03.2012)
Professor Indranil Dasgupta	(w.e.f. 27.03.2012)

DURGABAI DESHMUKH COLLEGE OF SPECIAL EDUCATION

University Representative

Professor Nandita Basu	
Professor Poonam Batra	(upto 23.09.2011)
Professor Sanjai Bhatt	

INSTITUTE OF ECONOMIC GROWTH

University Representative

Professor Rajni Palriwala
Professor Sunil Kanwar

LADY HARDINGE MEDICAL COLLEGE

Professor Enakshi Sharma	
Professor Sheela Srivastava	(upto 24.11.2011)
Professor Paramjit Khurana	(w.e.f. 25.11.2011)

UNIVERSITY MAINTAINED HOSTEL
AMBEDKAR-GANGULY STUDENTS' HOUSE FOR WOMEN

Professor Pulin B. Nayak	Chairman	
Professor Upinder Singh	E.C. Nominee	(upto 31.10.2011)
Professor Anita Sharma	E.C. Nominee	(w.e.f. 01.11.2011)
Professor I. Usha Rao	E.C. Nominee	
Dr. Hira Gangnegi	SC/ST Representative	

CENTRAL INSTITUTE OF EDUCATION HOSTEL

Professor R. Geetha	E.C. Nominee
Professor Seema Alavi	E.C. Nominee

DEPARTMENT OF SOCIAL WORK HOSTEL

Professor Pammi Dua	E.C. Nominee	
Professor B.K. Thelma	E.C. Nominee	(upto 09.08.2011)
Professor A.K. Mariappan	E.C. Nominee	(w.e.f. 10.08.2011)

D.S. KOTHARI HOSTEL

Professor H.S. Prasad	Chairman	(w.e.f. 09.06.2011)
Professor Sunil Kumar	E.C. Nominee	
Professor R. Geetha	E.C. Nominee	
Professor A.K. Singh	E.C. Nominee	(upto 08.06.2011)
Professor S.C. Bhatla	E.C. Nominee	(w.e.f. 09.06.2011)
Professor H.S. Prasad	E.C. Nominee	(upto 09.04.2011)
Professor H. Ramachandran	E.C. Nominee	(w.e.f. 09.06.2011)

GWYER HALL

Professor P.B. Nayak	Chairman	
Professor H.P. Singh	E.C. Nominee	(upto 01.06.2011)
Professor T.R. Sheshadri	E.C. Nominee	(w.e.f. 09.06.2011)
Professor Satish Deshpande	E.C. Nominee	
Professor N.K. Chadha	E.C. Nominee	(upto 20.12.2011)
Professor G.V.R. Prasad	E.C. Nominee	(w.e.f. 19.03.2012)
Professor Mahesh Rangarajan	E.C. Nominee	(upto 02.11.2011)
Professor V.P. Singh	E.C. Nominee	(w.e.f. 24.11.2011)

INTERNATIONAL STUDENTS' HOUSE

Professor Pavan Mathur	Chairman	
Professor Vinod Kumar	E.C. Nominee	
Professor Shaswati Mazumdar	E.C. Nominee	
Professor Amar Kumar	E.C. Nominee	
Professor Pammi Dua	E.C. Nominee	(upto 15.06.2011)
Professor Anita Sharma	E.C. Nominee	(w.e.f. 27.06.2011)

INTERNATIONAL STUDENTS' HOUSE FOR WOMEN

Professor Nandita Basu	Chairperson	
Professor V.K. Bhasin	E.C. Nominee	(upto 16.01.2012)
Professor Tulsi Patel	E.C. Nominee	
Professor N.C. Behera	E.C. Nominee	(upto 31.01.2012)
Professor S.R. Mittal	E.C. Nominee	(upto 31.01.2012)

JUBILEE HALL

Professor H. Ramachandra	Chairman	(upto 07.02.2012)
Professor S.L. Malik	Chairman	(w.e.f. 19.03.2012)
Professor Pradeep K. Dutta	E.C. Nominee	
Professor G.L. Bhalla	E.C. Nominee	(upto 08.06.2011)
Professor S.K. Rao	E.C. Nominee	(w.e.f. 09.06.2011)
Professor S.C. Raina	E.C. Nominee	(upto 10.02.2012)
Professor Devesh Sinha	E.C. Nominee	(w.e.f. 19.03.2012)
Professor R.K. Gautam	E.C. Nominee	

MANSAROWAR HOSTEL

Professor K. Mamkoottam	Chairman	(upto 31.05.2011)
Professor S.C. Bhatla	Chairman	(w.e.f. 17.06.2011)
Professor Surender Nath	E.C. Nominee	(upto 27.08.2011)
Professor A.K. Kapoor	E.C. Nominee	(w.e.f. 28.08.2011)
Professor Aditya Bhattacharya	E.C. Nominee	
Professor Shreemati Chakrabarti	E.C. Nominee	(upto 27.08.2011)
Professor N.K. Pandit	E.C. Nominee	
Professor A.K. Bhatnagar	E.C. Nominee	(upto 27.08.2011)
Professor A.G. Vedashwar	E.C. Nominee	(w.e.f. 28.08.2011)

MEGHDOOT HOSTEL

Professor Bharati Baveja	Chairperson	(upto 15.06.2011)
Professor Sushma Batra	Chairperson	(w.e.f. 16.06.2011)
Professor Shaswati Mazumdar	E.C. Nominee	

Professor Tulsi Patel	E.C. Nominee	(upto 15.06.2011)
Professor Madhu Vij	E.C. Nominee	(w.e.f. 16.06.2011)
Professor Sunita Dhar	E.C. Nominee	(upto 30.06.2011)
Professor Pumi Dua	E.C. Nominee	(w.e.f. 01.07.2011)
Professor M.M. Chaturvedi	E.C. Nominee	(upto 01.07.2011)
Dr. Manjit Singh	E.C. Nominee	(w.e.f. 02.07.2011)

NORTH EASTERN STUDENTS' HOUSE FOR WOMEN

Professor Vibha Chaturvedi	Chairperson	(upto 31.07.2011)
Professor Gopa Bhardwaj	Chairperson	(w.e.f. 05.08.2011)
Professor Shobit Mahajan	E.C. Nominee	(upto 08.06.2011)
Professor Kusum Agarwal	E.C. Nominee	(w.e.f. 09.06.2011)
Professor Anita Rampal	E.C. Nominee	(upto 08.06.2011)
Professor Simrat Kaur	E.C. Nominee	(w.e.f. 09.06.2011)
Professor Tista Bagchi	E.C. Nominee	(upto 08.06.2011)
Professor Sunita Sen Gupta	E.C. Nominee	(w.e.f. 09.06.2011)
Professor Najma Praveen Ahmad	E.C. Nominee	(upto 30.06.2011)
Professor Gopa Bhardwaj	E.C. Nominee	(upto 04.08.2011)
Professor Anita Sharma	E.C. Nominee	(w.e.f. 27.10.2011)

P.G. MEN'S HOSTEL

Professor Kesavan Veluthat	Chairman
Professor J.V. Meenakshi	E.C. Nominee
Professor H.P. Singh	E.C. Nominee
Professor K. Sreenivas	E.C. Nominee
Professor A.K. Bhatnagar	E.C. Nominee

UNIVERSITY HOSTEL FOR WOMEN

Professor Malashri Lal	Chairperson	(upto 09.04.2011)
Professor I. Usha Rao	Chairperson	(w.e.f. 09.06.2011)
Professor Sreemati Chakrabarti	E.C. Nominee	(upto 02.11.2011)
Professor Paramjit Khurana	E.C. Nominee	(w.e.f. 30.12.2011)
Professor Ujjwal Kr. Singh	E.C. Nominee	
Professor Bharati Baveja	E.C. Nominee	
Professor Kesawan Veluthat	E.C. Nominee	

V.K.R.V. RAO HOSTEL

Professor Girishwar Mishra	Chairman	
Professor Sudhir Shah	E.C. Nominee	
Professor K. Mamkoottam	E.C. Nominee	(upto 31.05.2011)

Professor M.M. Chaturvedi	E.C. Nominee	(w.e.f. 27.10.2011)
Professor Tulsi Patel	E.C. Nominee	(upto 09.09.2011)
Professor S.N. Gaur	E.C. Nominee	(w.e.f. 27.10.2011)
Professor A.K. Singh	E.C. Nominee	

WUS WORKING WOMEN'S HOSTEL

Professor Shreemati Chakrabarti	Chairperson
Professor Tulsi Patel	E.C. Nominee
Professor Prem Singh	E.C. Nominee

RAJIV GANDHI HOSTEL FOR P.G. GIRLS

Professor Girishwar Mishra	Chairperson	(w.e.f. 16.05.2011)
Professor I. Usha Rao	Chairperson	(w.e.f. 13.03.2012)
Professor Ramesh Gautam	E.C. Nominee	(w.e.f. 16.05.2011)
Professor Kusum Aggarwal	E.C. Nominee	(w.e.f. 16.05.2011)
Professor Madhu Bhalla	E.C. Nominee	(w.e.f. 16.05.2011)
Professor Anupam Mahajan	E.C. Nominee	(w.e.f. 16.05.2011)

UNDER GRADUATE HOSTEL FOR GIRLS

Professor Girishwar Mishra	Chairperson	(w.e.f. 16.05.2011)
Professor I. Usha Rao	Chairperson	(w.e.f. 13.03.2012)
Professor Ramesh Gautam	E.C. Nominee	(w.e.f. 16.05.2011)
Professor Kusum Aggarwal	E.C. Nominee	(w.e.f. 16.05.2011)
Professor Madhu Bhalla	E.C. Nominee	(w.e.f. 16.05.2011)
Professor Anupam Mahajan	E.C. Nominee	(w.e.f. 16.05.2011)

UNIVERSITY GUEST HOUSE

Professor I. Usha Rao	Chairperson
Professor Anand Prakash	Member
Professor Talat Ahmad	Member
Professor Roma Chatterji	Member
Dr. Padmakar Mishra	Member

INTERNATIONAL GUEST HOUSE

Professor B.P. Sahoo	Chairperson
Professor Anand Prakash	Member
Professor Talat Ahmad	Member
Professor Roma Chatterji	Member
Dr. Padmakar Mishra	Member

UNIVERSITY REPRESENTATIVES ON THE GOVERNING BODIES OF THE COLLEGES

SOUTH CAMPUS

ATMA RAM SANATAN DHARMA COLLEGE

Professor Venkat Subramanian	(upto 06.05.2011)
Professor M.M. Chaturvedi	(w.e.f. 07.05.2011)
Professor Girishwar Misra	(upto 20.01.2012)
Professor Vinod Kumar	(w.e.f. 09.02.2012)

DELHI COLLEGE OF ARTS & COMMERCE

Professor Mahesh Rangarajan	(upto 22.12.2011)
Professor J.S. Viridi	(w.e.f. 28.12.2011)
Professor I.M. Pandey	(upto 16.12.2011)
Professor C.P. Gupta	(w.e.f. 28.12.2011)

GARGI COLLEGE

Professor Anand Prakash	(w.e.f. 01.04.2011)
Professor Rani Gupta	(upto 11.09.2011)
Professor Vijay K. Chaudhary	(w.e.f. 12.09.2011)

INSTITUTE OF HOME ECONOMICS

Professor Ashok Prasad	(upto 24.09.2011)
Professor Rina Chakrabarty	(w.e.f. 25.09.2011)
Professor Paramjit Khurana	(w.e.f. 01.04.2011)

JESUS & MARY COLLEGE

Professor N.K. Chadha
Professor Madhu Vij

KAMALA NEHRU COLLEGE

Professor Debi P. Sarkar
Professor Avinashi Kapoor

LADY SHRI RAM COLLEGE FOR WOMEN

Professor Harish Trivedi
Professor Ashum Gupta
Professor Pami Dua

MAITREYI COLLEGE

Professor Anil Grover
Professor Ajay Kumar

MOTI LAL NEHRU COLLEGE

Professor R.K. Saxena (upto 13.05.2011)
Professor J.S. Viridi (w.e.f. 07.06.2011)
Professor Anil Grover

P.G.D.A.V. COLLEGE

Professor M.M. Chaturvedi
Professor J.P. Sharma (upto 29.03.2012)
Professor J.P. Khurana (w.e.f. 30.03.2012)

SHAHEED BHAGAT SINGH COLLEGE

Professor J.P. Khurana (upto 08.03.2012)
Professor R.C. Kuhad (w.e.f. 09.03.2012)
Professor Ujjwal Singh (upto 14.03.2012)
Professor P.C. Pattanaik (w.e.f. 23.03.2012)

SRI AUROBINDO COLLEGE

Professor Enakshi Sharma
Professor Vijay Chowdhary

SRI VENKATESWARA COLLEGE

Professor B.K. Thelma (upto 31.01.2012)
Professor Malashri Lal (w.e.f. 01.02.2012)
Professor B.C. Chaudhary

ACHARYA NARENDER DEV COLLEGE

Professor B.K. Thelma (upto 01.08.2011)
Professor V.K. Kaul (w.e.f. 28.08.2011)
Professor Anil Tyagi (upto 17.10.2011)
Professor Akshay Pradhan (w.e.f. 18.10.2011)

DATA

**Number of Post-Graduate & Under-Graduate Students on
Rolls in the Faculty/Department and College of the University for the year 2011-12**

UNIVERSITY COLLEGES

S.No. College	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
1. A. & U. Tibbia College	92	254	346	9	5	14	360
2. A.R.S.D. College	2039	1423	3462	68	62	130	3592
3. Acharya Narendra Dev College	951	709	1660	22	16	38	1698
4. Aditi Mahavidhyalaya (W)	0	1877	1877	0	0	0	1877
5. Bharati College (W)	0	2069	2069	0	25	25	2094
6. Bhim Rao Ambedkar College	1081	1124	2205	0	0	0	2205
7. Bhagini Nivedita College (W)	0	1119	1119	0	0	0	1119
8. Bhaskaracharya College of Applied Sciences	468	420	888	0	0	0	888
9. College of Art	367	356	723	70	51	121	844
10. College of Vocational Studies	1280	872	2152	24	7	31	2183
11. Daulat Ram College (W)	164	3656	3820	0	296	296	4116
12. Deen Dayal Upadhyaya College	1130	927	2057	8	20	28	2085
13. Delhi College of Arts & Commerce	1160	553	1713	0	0	0	1713
14. Delhi College of Engineering	657	126	783	0	0	0	783
15. Delhi Institute of Pharmaceutical Sc. & Research	217	265	482	38	43	81	563
16. Deshbandhu College	2133	1160	3293	34	27	61	3354
17. Dyal Singh College	2742	1812	4554	7	12	19	4573
18. Gargi College (W)	15	3388	3403	0	50	50	3453
19. Hans Raj College	2276	1991	4267	314	373	687	4954
20. Hindu College	1374	1142	2516	351	446	797	3313
21. Indira Gandhi Institute of Physical Edn. & Sports Scs.	222	82	304	81	72	153	457
22. Indraprastha College for Women	0	2463	2463	0	217	217	2680
23. Institute of Home Economics (W)	0	951	951	0	89	89	1040

S.No. College	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
24. Janki Devi Memorial College (W)	0	2339	2339	0	95	95	2434
25. Jesus & Mary College (W)	0	2528	2528	0	92	92	2620
26. Kalindi College (W)	0	2590	2590	0	30	30	2620
27. Kamala Nehru College (W)	0	2181	2181	0	105	105	2286
28. Kirori Mal College	2456	1310	3766	269	241	510	4276
29. Keshav Mahavidhyalaya	745	765	1510	14	18	32	1542
30. Lady Hardinge Medical College (W)	0	936	936	157	170	327	1263
31. Lady Irwin College (W)	0	907	907	0	308	308	1215
32. Lady Shri Ram College (W)	0	2480	2480	0	176	176	2656
33. Lakshmibai College (W)	0	3493	3493	0	41	41	3534
34. Maitreyi College (W)	0	2478	2478	3	43	46	2524
35. Mata Sundri College (W)	0	3063	3063	0	27	27	3090
36. Maulana Azad Medical College	672	454	1126	219	241	460	1586
37. Miranda House (W)	0	3289	3289	0	431	431	3720
38. Motilal Nehru College	1610	1253	2863	55	56	111	2974
39. Maharaja Agrasen College	707	865	1572	0	0	0	1572
40. Maharishi Valmiki College of Education	0	0	0	73	86	159	159
41. Netaji Subhas Institute of Technology	1866	430	2296	74	32	106	2402
42. Nehru Homoeopathic Medical College & Hospital	90	460	550	7	5	12	562
43. P.G.D.A.V. College	2072	953	3025	30	14	44	3069
44. R.A.K. College of Nursing (W)	0	237	237	3	44	47	284
45. Rajdhani College	2165	992	3157	51	22	73	3230
46. Ramlal Aanand College	1189	670	1859	5	9	14	1873
47. Ramjas College	3354	797	4151	456	183	639	4790
48. S.G.T.B. Khalsa College	1855	1120	2975	75	93	168	3143
49. Satyawati College	1860	732	2592	20	6	26	2618

S.No. College	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
50. Shaheed Bhagat Singh College	1857	895	2752	13	24	37	2789
51. Shivaji College	2038	840	2878	31	3	34	2912
52. Shyam Lal College	1400	1038	2438	12	17	29	2467
53. Shyama Prasad Mukherji College (W)	0	2563	2563	0	120	120	2683
54. Sri Aurobindo College	1886	759	2645	12	13	25	2670
55. Sri Guru Gobind Singh College of Commerce	816	855	1671	28	38	66	1737
56. Shri Ram College of Commerce	905	1264	2169	138	67	205	2374
57. Sri Venkateswara College	1774	1876	3650	82	134	216	3866
58. St. Stephen's College	740	962	1702	68	102	170	1872
59. Swami Shraddhanand College	2483	908	3391	17	14	31	3422
60. Shaheed Raj Guru College of Applied Scs. (W)	0	514	514	0	0	0	514
61. Shaheed Sukhdev College of Business Studies	443	399	842	10	6	16	858
62. Sri Guru Nanak Dev Khalsa College	1365	695	2060	11	17	28	2088
63. U.C.M.S. & G.T.B. Hospital	564	121	685	181	152	333	1018
64. V.P. Chest Institute	0	0	0	27	15	42	42
65. Vivekananda College (W)	0	1814	1814	0	35	35	1849
66. Zakir Husain College	2091	1045	3136	252	125	377	3513
Total (Day) :	57371	82609	139980	3419	5261	8680	148660
67. Ahilya Bai College of Nursing	0	130	130	0	0	0	130
68. Amar Jyoti Instt. of Physiotheraphy	20	102	122	0	0	0	122
69. Durga Bai Deshmukh College	0	0	0	24	9	33	33
70. Pt. Deendayal Instt. for the Phy. Handicapped	131	342	473	0	0	0	473
71. School of Rehabilitation Sciences	0	0	0	4	12	16	16
Total (Other Inst) :	151	574	725	28	21	49	774

S.No. College	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
72. Dyal Singh College (Eve.)	1421	818	2239	0	0	0	2239
73. Moti Lal Nehru College (Eve.)	1291	353	1644	0	0	0	1644
74. P.G.D.A.V. College (Eve.)	1420	394	1814	0	0	0	1814
75. Ram Lal Anand College (Eve.)	1341	358	1699	0	0	0	1699
76. Ramanujan College (Eve.)	1197	634	1831	0	0	0	1831
77. Satyawati College (Eve.)	1572	365	1937	0	0	0	1937
78. Shaheed Bhagat Singh College (Eve.)	1388	554	1942	0	0	0	1942
79. Shyam Lal College (Eve.)	1131	389	1520	0	0	0	1520
80. Sri Aurobindo College (Eve.)	1278	260	1538	0	0	0	1538
81. Zakir Husain Post-graduate Evening College	1474	201	1675	3	12	15	1690
Total (Eve) :	13513	4326	17839	3	12	15	17854
Total (College) :	71035	87509	158544	3450	5294	8744	167288

UNIVERSITY FACULTIES/DEPARTMENTS/RECOGNISED INSTITUTIONS

S.No.	Faculty/Department	Under-graduate			Post-graduate			Grand Total
		Male	Female	Total	Male	Female	Total	
82.	Arabic	418	39	457	32	1	33	490
83.	Adult Continuing Education & Extn.	0	0	0	32	8	40	40
84.	African Studies	12	4	16	24	14	38	54
85.	Anthropology	0	0	0	34	66	100	100
86.	Buddhist Studies	0	0	0	282	93	375	375
87.	Business Economics (SDC)	0	0	0	98	72	170	170
88.	Botany	0	0	0	25	38	63	63
89.	Bio-Chemistry (SDC)	0	0	0	15	44	59	59
90.	Biophysics (SDC)	0	0	0	3	1	4	4
91.	Chemistry	0	0	0	77	105	182	182
92.	Computer Science	0	0	0	119	154	273	273
93.	Campus Law Centre	0	0	0	1233	574	1807	1807
94.	Commerce	0	0	0	227	233	460	460
95.	Dr. B.R. Ambedkar Centre for Bio-Medical Research	0	0	0	35	68	103	103
96.	English	0	0	0	19	53	72	72
97.	East Asian Studies	24	14	38	67	73	140	178
98.	Economics	0	0	0	138	164	302	302
99.	Environmental Studies	0	0	0	32	39	71	71
100.	Electronic Science (SDC)	0	0	0	96	52	148	148
101.	Education	0	0	0	160	311	471	471
102.	Financial Studies	0	0	0	67	54	121	121
103.	Faculty of Science	0	0	0	13	17	30	30
104.	Faculty of Law	0	0	0	177	99	276	276
105.	Faculty of Intr. Dis. & App. Sc. Bio-Tech. (SDC)	0	0	0	1	2	3	3
106.	Faculty of Medical Sciences	0	0	0	278	119	397	397
107.	Faculty of Music & Fine Arts	0	0	0	74	102	176	176
108.	Faculty of Management Studies	0	0	0	994	246	1240	1240

S.No.	Faculty/Department	Under-graduate			Post-graduate			Grand Total
		Male	Female	Total	Male	Female	Total	
109.	Faculty of Technology	0	0	0	75	53	128	128
110.	Germanic & Romance Studies	341	227	568	42	148	190	758
111.	Geography	0	0	0	101	95	196	196
112.	Geology	17	3	20	27	17	44	64
113.	Genetics (SDC)	0	0	0	20	50	70	70
114.	Hindi	5	15	20	254	268	522	542
115.	Hindi (SDC)	0	0	0	53	22	75	75
116.	History	0	0	0	41	57	98	98
117.	History (SDC)	0	0	0	17	26	43	43
118.	Home Science	0	0	0	0	34	34	34
119.	Instt. of Informatic & Communication	0	0	0	40	48	88	88
120.	Library & Information Science	0	0	0	73	77	150	150
121.	Linguistics	0	0	0	38	66	104	104
122.	Law Centre - I	0	0	0	1425	570	1995	1995
123.	Law Centre - II	0	0	0	1045	210	1255	1255
124.	Modern Indian Language	80	0	80	81	40	121	201
125.	Mathematics	25	17	42	46	62	108	150
126.	Microbiology (SDC)	0	0	0	19	50	69	69
127.	Operational Research (SDC)	0	0	0	19	26	45	45
128.	Operational Research	0	0	0	24	23	47	47
129.	Persian	216	85	301	27	17	44	345
130.	Philosophy	0	0	0	26	35	61	61
131.	Philosophy (SDC)	0	0	0	8	1	9	9
132.	Psychology	0	0	0	37	157	194	194
133.	Psychology (SDC)	0	0	0	7	27	34	34
134.	Punjabi	157	35	192	29	49	78	270
135.	Plant Molecular Biology (SDC)	0	0	0	27	40	67	67

S.No.	Faculty/Department	Under-graduate			Post-graduate			Grand Total
		Male	Female	Total	Male	Female	Total	
136.	Physical Education and Sports Sciences	0	0	0	15	16	31	31
137.	Pharmacy	0	0	0	13	4	17	17
138.	Physics	0	0	0	93	88	181	181
139.	Political Science	0	0	0	68	66	134	134
140.	Slavonic & Finno-Ugrian Studies	327	99	426	24	17	41	467
141.	Sanskrit	46	19	65	159	128	287	352
142.	Social Work	0	0	0	81	122	203	203
143.	Sociology	0	0	0	79	150	229	229
144.	Statistics	0	0	0	17	18	35	35
145.	Urdu	491	187	678	158	72	230	908
146.	Zoology	0	0	0	21	45	66	66
Total (Fac./Deptt./Centre):		2159	744	2903	8681	5796	14477	17380
Total (Regular) :		73194	88253	161447	12131	11090	23221	184668
University Non-Formal Cell								
147.	Non-Collegiate Womens' Education Board	0	14099	14099	0	435	435	14534
148.	School of Open Learning	148029	138870	286899	605	1429	2034	288933
Total (Non-Formal):		148029	152969	300998	605	1864	2469	303467
Grand Total :		221223	241222	462445	12736	12954	25690	488135

Statement showing the Faculty-wise Distribution of Students for the year 2011-12

UNDER-GRADUATE

Name of Faculty	Regular						Non-Formal				Total
	Day		Eve. & Part-Time		Certificate/ Diploma		N.C.W.E.B.		S.O.L.		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
1. Arts	13049	27031	6283	2133	2398	1997	0	9821	79814	94070	236596
2. Ayur. & Unani-Medicine	92	254	0	0	0	0	0	0	0	0	346
3. App. Soc. Sc. & Humanities	1011	1163	92	38	451	270	0	0	0	0	3025
4. Commerce & Business	12981	15914	5524	1723	0	0	0	4278	64239	40423	145082
5. Education	0	1258	0	0	0	0	0	0	0	0	1258
6. Homoeopathic Medicine	90	460	0	0	0	0	0	0	0	0	550
7. Interdisciplinary & Appl. Scs.	1464	1663	0	0	0	0	0	0	0	0	3127
8. Mathematical Sciences	3866	4801	91	10	0	0	0	0	0	0	8768
9. Medical Sciences	1236	1511	0	0	0	0	0	0	0	0	2747
10. Music & Fine Arts	407	428	0	0	6	6	0	0	0	0	847
11. Science	12248	13534	0	0	114	106	0	0	0	0	26002
12. Social Sciences	7571	12837	1523	422	174	138	0	0	3976	4377	31018
13. Technology	2408	551	115	5	0	0	0	0	0	0	3079
Grand Total (U.G.) :	56423	81405	13628	4331	3143	2517	0	14099	148029	138870	462445

Statement showing the Faculty-wise Distribution of Students for the year 2011-12

POST-GRADUATE

Name of Faculty	Regular						Non-Formal				Total
	Day		Eve. & Part-Time		Certificate/ Diploma		N.C.W.E.B.		S.O.L.		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
1. Arts	1832	2578	61	56	154	93	0	315	137	509	5735
2. Ayur. & Unani-Medicine	9	5	0	0	0	0	0	0	0	0	14
3. Applied Soc. Sc. & Humanities	122	89	0	0	93	27	0	0	0	0	331
4. Commerce & Business	517	549	0	0	21	23	0	0	334	559	2003
5. Education	236	534	21	53	0	0	0	0	0	0	844
6. Homoeopathic Medicine	7	5	0	0	0	0	0	0	0	0	12
7. Inter-Disciplinary & Appl. Scs.	317	375	0	0	4	19	0	0	0	0	715
8. Law	1339	641	2541	812	0	0	0	0	0	0	5333
9. Mathematical Sciences	434	788	0	0	48	53	0	50	0	0	1373
10. Medical Sciences	805	634	0	0	57	63	0	0	0	0	1559
11. Music & Fine Arts	141	168	0	0	22	24	0	0	0	0	355
12. Management	375	175	619	71	0	0	0	0	0	0	1240
13. Science	1009	1595	0	0	32	106	0	0	0	0	2742
14. Social Sciences	1099	1430	0	0	67	39	0	70	134	361	3200
15. Technology	134	81	15	4	0	0	0	0	0	0	234
Grand Total (P.G.) :	8376	9647	3257	996	498	447	0	435	605	1429	25690

Ph.D. Enrolment for the year 2011-12

Department	Male	Female	Total
Faculty of Arts			
1. Arabic	24	1	25
2. Buddhist Studies	113	34	147
3. English	11	21	32
4. Germanic & Romance Studies	5	15	20
5. Hindi	219	228	447
6. Library & Information Science	27	21	48
7. Linguistics	20	25	45
8. Modern Indian Language	36	40	76
9. Persian	20	11	31
11. Philosophy	20	30	50
12. Psychology	37	157	194
13. Punjabi	27	43	70
14. Sanskrit	143	120	263
15. Urdu	73	28	101
Sub Total : (Arts) :	775	774	1549
Faculty of App. Social Sc. & Humanities			
16. Business Economics	9	14	23
17. Slavonic & Finno-Ugrian	1	0	1
Sub Total : (App. Social Sc.) :	10	14	24

Department	Male	Female	Total
Faculty of Social Science			
18. Adult Continuing Educatkln & Extention	1	2	3
19. African Studies	19	8	27
20. East Asian Studies	4	4	8
21 Economics	7	21	28
22. Geography	20	25	45
23. History	29	50	79
24. Political Science	56	52	108
25. Social Work	9	25	34
26. Sociology	25	25	50
	<hr/>		
	Sub Total : (Social Sc.) :	170	212
			382
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Faculty of Commerce & Business			
27. Commerce	10	42	52
28. Financial Studies	9	25	34
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	Sub Total:(Commerce & Business) :	19	67
			86
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Faculty of Mathematical Sciences			
29. Computer Science	15	40	55
30. Mathematics	37	51	88
31. Operational Research	20	18	38
32. Statistics	13	14	27
	<hr/>		
	Sub Total : (Mathematical Sc.) :	85	123
			208
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Department	Male	Female	Total
Faculty of Science			
33. Anthropology	13	36	49
34. Botany	23	29	52
35. Chemistry	53	76	129
36. Dr. B.R. Ambedkar Centre for Bio-Medical	5	9	14
37. Environmental Studies	2	2	4
38. Geology	23	14	37
39. Home Science	0	34	34
40. Pharmacy	13	4	17
41. Physics	79	68	147
42. Zoology	18	36	54
	Sub Total : (Science) :		
	229	308	537
Faculty of Inter-disciplinary & App. Sc.			
43. Bio-Chemistry (SDC)	12	23	35
44. Bio-Physics (SDC)	3	1	4
45. Electronic Science	14	26	40
46. Genetics (SDC)	12	35	47
47. Micro-Biology (SDC)	19	26	45
48. Plant Molecular Biology	18	26	44
49. Physical Education	15	16	31
	Sub Total : (Inter-disciplinary) :		
	93	153	246
Faculty of Law			
50. Faculty of Law	36	25	61
	Sub Total : (Law) :		
	36	25	61

Department	Male	Female	Total
Faculty of Medical Sciences			
51. Faculty of Medical Sciences	54	61	115
Sub Total : (Medical Sc.) :	54	61	115
Faculty of Music & Fine Arts			
52. Department of Music & Fine Arts	47	72	119
Sub Total : (Music & Fine Arts) :	47	72	119
Faculty of Management Studies			
53. Faculty of Management Studies	44	49	93
Sub Total : (Management Stu.) :	44	49	93
Faculty of Technology			
54. Faculty of Technology	75	53	128
Sub Total : (Technology) :	75	53	128
Faculty of Education			
55. Education	28	65	93
Sub Total : (Education) :	28	65	93
Grand Total :	1665	1976	3641

M.Phil. Enrolment for the year 2011-12

	Male	Female	Total
Faculty of Arts			
1. Arabic	8	0	8
2. Buddhist Studies	14	11	25
3. English	8	32	40
4. Germanic & Romance Studies (M.E.L.)	3	18	21
5. Hindi	14	11	25
6. Library & Information Science	6	5	11
7. Linguistics	2	8	10
8. Modern Indian Language	13	0	13
9. Persian	2	2	4
10. Philosophy	6	5	11
11. Panjabi	2	6	8
12. Sanskrit	16	8	24
13. Urdu	19	3	22
Sub Total : (Arts) :	113	109	222
Faculty of App. Social Sc. & Humanities			
14. Slavonic & Finno-Ugrian Studies (SDC)	7	3	10
Sub Total : (App. Social Sc.) :	7	3	10

	Male	Female	Total
Faculty of Social Sciences			
15. African Studies	5	6	11
16. Chinese & Japanese Studies	6	10	16
17. Economics	3	3	6
18. Geography	11	6	17
19. History	12	7	19
20. Political Science	12	14	26
21. Social Work	2	7	9
22. Sociology	8	16	24
Sub Total : (Social Sc.) :	59	69	128
Faculty of Commerce & Business			
23. Commerce	5	20	25
Sub Total : (Commerce & Busin.) :	5	20	25
Faculty of Mathematical Sciences			
24. Mathematics	9	11	20
25. Operational Research	4	5	9
26. Statistics	4	4	8
Sub Total : (Mathematical Sc.) :	17	20	37

	Male	Female	Total
Faculty of Science			
27. Anthropology	10	13	23
28. Botany	2	9	11
29. Geology	4	3	7
30. Zoology	3	9	12
Sub Total : (Science) :	19	34	53
Faculty of Inter-disciplinary & App. Sc.			
31. Electronic Science (SDC)	1	2	3
Sub Total : (Inter-disciplinary) :	1	2	3
Faculty of Music & Fine Arts			
32. Faculty of Music & Fine Arts	6	13	19
Sub Total : (Music & Fine Arts) :	6	13	19
Faculty of Education			
33. Education	6	11	17
Sub Total : (Education) :	6	11	17
Grand Total :	233	281	514

**Statement showing the Course-Wise distribution of Under-Graduate Students (Regular)
on Rolls for the year 2011-12**

Under-graduate (Regular)

S.No. Subject	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. B.A. Prog. Day	3546	5952	9498	2390	4857	7247	1914	3965	5879	0	0	0	0	0	0	7850	14774	22624
2. B.A. Prog. Eve.	2402	627	3029	1627	439	2066	1213	384	1597	0	0	0	0	0	0	5242	1450	6692
3. B.A. (Voc. Studies)	375	244	619	209	135	344	193	160	353	0	0	0	0	0	0	777	539	1316
4. B.A. (Hons.) Day	6323	10959	17282	3611	8451	12062	2794	6674	9468	0	0	0	0	0	0	12728	26084	38812
5. B.A. (Hons.) Eve	1454	593	2047	676	339	1015	526	211	737	0	0	0	0	0	0	2656	1143	3799
6. B.Com. (Hons.) Day	3025	3675	6700	2263	2773	5036	1703	2375	4078	0	0	0	0	0	0	6991	8823	15814
7. B.Com. (Hons.) Eve.	628	261	889	452	143	595	272	115	387	0	0	0	0	0	0	1352	519	1871
8. B.Com. Day	2310	2640	4950	2093	2482	4575	1587	1969	3556	0	0	0	0	0	0	5990	7091	13081
9. B.Con. Eve.	1688	463	2151	1482	390	1872	1002	351	1353	0	0	0	0	0	0	4172	1204	5376
10. B.B.S.	139	146	285	138	138	276	109	119	228	0	0	0	0	0	0	386	403	789
11. B.F.I.A.	42	25	67	37	22	59	26	20	46	0	0	0	0	0	0	105	67	172
12. B.M.M.M.C.	0	46	46	0	45	45	0	41	41	0	0	0	0	0	0	0	132	132
13. B.Sc. Physical Scs.	1948	796	2744	1191	640	1831	677	433	1110	0	0	0	0	0	0	3816	1869	5685
14. B.Sc. Life Sciences	450	772	1222	323	601	924	220	416	636	0	0	0	0	0	0	993	1789	2782
15. B.Sc. Appl. Phy. Scs.	372	228	600	246	216	462	258	208	466	0	0	0	0	0	0	876	652	1528
16. B.Sc. Appl. Life. Scs.	56	23	79	2	8	10	24	46	70	0	0	0	0	0	0	82	77	159
17. B.Sc. (G) Math. Scs.	125	94	219	46	30	76	40	35	75	0	0	0	0	0	0	211	159	370
18. B.Tech/BS (In. with M	25	17	42	0	0	0	0	0	0	0	0	0	0	0	0	25	17	42
19. B.Sc. (Home Sc.)	0	441	441	0	357	357	0	245	245	0	0	0	0	0	0	0	1043	1043

S.No. Subject	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
20. B.Sc.(Phy.Edu.&H.)	87	24	111	76	29	105	59	29	88	0	0	0	0	0	0	222	82	304
21. B.El.Ed.	0	370	370	0	354	354	0	306	306	0	228	228	0	0	0	0	1258	1258
22. B.Sc. (Hons.) Day	5023	4701	9724	3721	4674	8395	2253	3267	5520	0	76	76	0	0	0	10997	12718	23715
23. B.P.O.	6	8	14	9	5	14	4	6	10	5	9	14	4	12	16	28	40	68
24. B.O.T.	10	30	40	7	29	36	3	30	33	7	23	30	6	30	36	33	142	175
25. B.P.T.	21	56	77	26	55	81	16	57	73	13	52	65	14	42	56	90	262	352
26. B.Ap. Sciences	0	0	0	0	0	0	24	109	133	0	0	0	0	0	0	24	109	133
27. B.Pharma	34	23	57	28	50	78	16	45	61	25	41	66	0	0	0	103	159	262
28. B.Sc. (MTR)	8	7	15	11	4	15	8	7	15	0	0	0	0	0	0	27	18	45
29. B.F.A.	113	95	208	109	94	203	84	96	180	55	65	120	0	0	0	361	350	711
30. B.A.M.S.	0	0	0	8	33	41	13	27	40	6	29	35	15	27	42	42	116	158
31. B.U.M.S.	11	23	34	5	28	33	12	28	40	9	32	41	13	27	40	50	138	188
32. B.H.M.S.	39	156	195	13	73	86	12	81	93	13	72	85	13	78	91	90	460	550
33. B.D.S.	15	25	40	10	10	20	6	15	21	8	17	25	14	16	30	53	83	136
34. B.E.	533	113	646	514	101	615	410	124	534	951	213	1164	0	0	0	2408	551	2959
35. B.(Tech) PT	0	0	0	0	0	0	0	0	0	115	5	120	0	0	0	115	5	120
36. M.B.B.S.	273	340	613	228	264	492	235	252	487	206	220	426	214	334	548	1156	1410	2566
37. Other Cert./Dip.	3079	2430	5509	64	87	151	0	0	0	0	0	0	0	0	0	3143	2517	5660
Total :	34160	36403	70563	21615	27956	49571	15713	22246	37959	1413	1082	2495	293	566	859	73194	88253	161447

Statement showing the Course-wise distribution of Under-Graduate Students (Non-formal) on rolls in School of Open Learning & N.C.W.E.B. for the year 2011-12

Under-Graduate Students (Non-formal)

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
School of Open Learning												
1. B.A.Programme	35540	38172	73712	25043	30645	55688	18525	23372	41897	79108	92189	171297
2. B.A.(H) English	372	872	1244	206	605	811	128	404	532	706	1881	2587
3. B.A.(H) Pol.Science	2432	2485	4917	970	1203	2173	574	689	1263	3976	4377	8353
4. B.Com.	25250	13718	38968	19185	12447	31632	13840	9927	23767	58275	36092	94367
5. B.Com.(Hons)	3127	1980	5107	1855	1391	3246	982	960	1942	5964	4331	10295
Sub-Total :	66721	57227	123948	47259	46291	93550	34049	35352	69401	148029	138870	286899
Non-Collegiate Womens Educational Board												
6. B.A.Programme	0	2806	2806	0	3950	3950	0	3065	3065	0	9821	9821
7. B.Com.	0	1610	1610	0	1502	1502	0	1166	1166	0	4278	4278
Sub-Total :	0	4416	4416	0	5452	5452	0	4231	4231	0	14099	14099
Grand-Total :	66721	61643	128364	47259	51743	99002	34049	39583	73632	148029	152969	300998

**Statement showing the Course-wise distribution of Post-Graduate Students (Regular)
on Rolls for the year 2011-12**

Post Graduate (Regular)

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. B.Lib.Sc.	19	31	50	0	0	0	0	0	0	19	31	50
2. B.Ed.	165	399	564	0	0	0	0	0	0	165	399	564
3. B.Ed. (Special Education)	24	32	56	0	0	0	0	0	0	24	32	56
4. B.P.Ed. (B.Phy. Education)	38	34	72	0	0	0	0	0	0	38	34	72
5. DM/MCH	31	6	37	35	1	36	23	0	23	89	7	96
6. LL.B.	1683	641	2324	1129	369	1498	891	344	1235	3703	1354	5057
7. LL.M. (Two Year)	33	24	57	33	13	46	0	0	0	66	37	103
8. LL.M. (Three Year)	40	10	50	22	12	34	9	10	19	71	32	103
9. M.Lib. & Information Sc.	21	20	41	0	0	0	0	0	0	21	20	41
10. M.A. (Day)	1034	1560	2594	816	1452	2268	0	0	0	1850	3012	4862
11. M.A. (Eve)	34	30	64	27	26	53	0	0	0	61	56	117
12. M.Com	181	162	343	113	206	319	0	0	0	294	368	662
13. M.B.E. (M. Business Economics)	47	43	90	42	15	57	0	0	0	89	58	147
14. M.F.C. (M. Finance & Control)	27	18	45	31	11	42	0	0	0	58	29	87
15. MHROD (M.Human Resource & Org. DVP)	18	24	42	38	11	49	0	0	0	56	35	91
16. MIB (M.International Business)	42	20	62	43	10	53	0	0	0	85	30	115
17. MCA (Master of Computer Application)	21	27	48	36	9	45	24	19	43	81	55	136
18. M.Sc.	450	746	1196	429	778	1207	0	0	0	879	1524	2403
19. M.Sc.(App. Sc.)	50	74	124	47	71	118	0	0	0	97	145	242
20. M.Sc.Med. Imgg. Tech. Radio.	1	1	2	1	2	3	0	0	0	2	3	5
21. M. Pharma	15	22	37	23	21	44	0	0	0	38	43	81
22. M. Nursing	2	21	23	1	23	24	0	0	0	3	44	47
23. M.F.A. (M. Fine Art)	35	21	56	34	23	57	0	0	0	69	44	113
24. M.Tech. (Science)	13	24	37	17	23	40	21	19	40	51	66	117
25. M.Tech (Microwave Elect.)	31	1	32	14	2	16	0	0	0	45	3	48
26. M.Ed. (Full Time)	13	27	40	0	0	0	0	0	0	13	27	40

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
27. M.Ed. (Part Time)	12	27	39	9	26	35	0	0	0	21	53	74
28. M.P.Ed. (Master of Phy. Education)	24	18	42	19	20	39	0	0	0	43	38	81
29. M.C.L. (Two Year)	3	2	5	1	3	4	0	0	0	4	5	9
30. M.B.A. (Full Time) Two Year	171	57	228	109	52	161	0	0	0	280	109	389
31. M.B.A. (Full Time) Management of Service	0	0	0	51	17	68	0	0	0	51	17	68
32. M.B.A. (Part Time) Three year	202	19	221	179	19	198	153	17	170	534	55	589
33. M.B.A. (H.C.A.) Three year	32	5	37	26	4	30	27	7	34	85	16	101
34. MDS (M. in Dental Surg)	10	3	13	3	6	9	5	4	9	18	13	31
35. M.Tech. (Full Time)	31	18	49	28	10	38	0	0	0	59	28	87
36. M.Tech (Part-Time)	7	2	9	4	2	6	4	0	4	15	4	19
37. MD (Ayurvedic Unani)	0	0	0	9	3	12	0	2	2	9	5	14
38. MD (Homoeopathic Med.)	3	1	4	2	2	4	2	2	4	7	5	12
39. M.Phil.	233	281	514	0	0	0	0	0	0	233	281	514
40. Medical Degree	259	227	486	228	211	439	155	112	267	642	550	1192
41. Medical Diploma	22	20	42	35	43	78	0	0	0	57	63	120
42. Ph.D. Combined	1665	1976	3641	0	0	0	0	0	0	1665	1976	3641
43. Other Cert./Dip.	324	325	649	117	59	176	0	0	0	441	384	825
Total :	7066	6999	14065	3751	3555	7306	1314	536	1850	12131	11090	23221

**Statement showing the Course-wise distribution of Post-Graduate Students (Non-formal) on Rolls
in School of Open Learning & in N.C.W.E.B. for the year 2011-12**

Post-Graduate Students (Non-formal)

S.No. Course	Previous Year			Final Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
School of Open Learning									
1. M.A.(Hindi)	79	280	359	34	162	196	113	442	555
2. M.A.(Sanskrit)	22	56	78	2	11	13	24	67	91
3. M.A.(Political Science)	77	170	247	37	142	179	114	312	426
4. M.A.(History)	15	32	47	5	17	22	20	49	69
Total (M.A.) :	193	538	731	78	332	410	271	870	1141
5. M.Com	234	311	545	100	248	348	334	559	893
Sub-Total :	427	849	1276	178	580	758	605	1429	2034
Non-Collegiate Womens Educational Board									
6. M.A.(English)	0	57	57	0	62	62	0	119	119
7. M.A.(Hindi)	0	88	88	0	51	51	0	139	139
8. M.A.(Punjabi)	0	30	30	0	27	27	0	57	57
9. M.A.(Political Science)	0	23	23	0	28	28	0	51	51
10. M.A.(History)	0	15	15	0	4	4	0	19	19
11. M.A.(Mathematics)	0	20	20	0	11	11	0	31	31
Total (M.A.) :	0	233	233	0	183	183	0	416	416
12. M.Sc. (Mathematics)	0	16	16	0	3	3	0	19	19
Sub-Total :	0	249	249	0	186	186	0	435	435
Grand-Total :	427	1098	1525	178	766	944	605	1864	2469

Statement showing the Number of Students on Rolls in Under-Graduate Certificate/Diploma Courses in the University Colleges/Departments for the year 2011-12

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
A. Department									
<i>Diploma</i>									
1. Arabic	88	9	97	0	0	0	88	9	97
2. Bengali	4	0	4	0	0	0	4	0	4
3. Bulgarian	2	0	2	0	0	0	2	0	2
4. Croation	1	0	1	0	0	0	1	0	1
5. Czech	4	2	6	0	0	0	4	2	6
6. Hindi	1	2	3	0	0	0	1	2	3
7. Hungarian	0	1	1	0	0	0	0	1	1
8. Punjabi	2	5	7	0	0	0	2	5	7
9. Persian	7	6	13	0	0	0	7	6	13
10. Portuguese	21	3	24	0	0	0	21	3	24
11. Polish	3	1	4	0	0	0	3	1	4
12. Russian	22	10	32	0	0	0	22	10	32
13. Sindhi	3	0	3	0	0	0	3	0	3
14. Sanskrit	19	11	30	0	0	0	19	11	30
15. Swahili	1	1	2	0	0	0	1	1	2
16. Telugu	1	0	1	0	0	0	1	0	1
17. Urdu	20	24	44	0	0	0	20	24	44
Sub-Total (Diploma) :	199	75	274	0	0	0	199	75	274

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>2. Advance Diploma</i>									
18. Arabic	47	5	52	0	0	0	47	5	52
19. Bengali	2	0	2	0	0	0	2	0	2
20. Bulgarian	1	0	1	0	0	0	1	0	1
21. Chinese	17	9	26	0	0	0	17	9	26
22. Croation	2	0	2	0	0	0	2	0	2
23. Czech	3	0	3	0	0	0	3	0	3
24. Gujrati	1	0	1	0	0	0	1	0	1
25. Hindi	1	1	2	0	0	0	1	1	2
26. Hungarian	1	1	2	0	0	0	1	1	2
27. Japanese	7	5	12	0	0	0	7	5	12
28. Persian	5	6	11	0	0	0	5	6	11
29. Polish	3	0	3	0	0	0	3	0	3
30. Portuguese	17	1	18	0	0	0	17	1	18
31. Romanian	1	0	1	0	0	0	1	0	1
32. Russian	12	6	18	0	0	0	12	6	18
33. Sindhi	3	0	3	0	0	0	3	0	3
34. Urdu	21	24	45	0	0	0	21	24	45
Sub-Total (Adv. Diploma) : 144 58 202 0 0 0 144 58 202									
<i>3. Intensive Advance Diploma</i>									
35. Bulgarian	0	0	0	1	0	1	1	0	1
36. Portuguese	32	5	37	0	0	0	32	5	37
37. Russian	44	17	61	0	0	0	44	17	61
Sub-Total (Int. Course) : 76 22 98 1 0 1 77 22 99									

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>4. Certificate course</i>									
38. Arabic	283	25	308	0	0	0	283	25	308
39. Assamese	3	0	3	0	0	0	3	0	3
40. Bengali	35	0	35	0	0	0	35	0	35
41. Bulgarian	10	3	13	0	0	0	10	3	13
42. Croation	5	3	8	0	0	0	5	3	8
43. Czech	8	1	9	0	0	0	8	1	9
44. Gujrati	7	0	7	0	0	0	7	0	7
45. Hindi	3	12	15	0	0	0	3	12	15
46. Hungarian	9	0	9	0	0	0	9	0	9
47. Manipuri	3	0	3	0	0	0	3	0	3
48. Oriya	3	0	3	0	0	0	3	0	3
49. Punjabi	155	30	185	0	0	0	155	30	185
50. Persian	204	73	277	0	0	0	204	73	277
51. Portuguese	43	13	56	0	0	0	43	13	56
52. Polish	23	9	32	0	0	0	23	9	32
53. Russian	173	45	218	0	0	0	173	45	218
54. Romanian	31	14	45	0	0	0	31	14	45
55. Sindhi	10	0	10	0	0	0	10	0	10
56. Sanskrit	27	8	35	0	0	0	27	8	35
57. Swahili	11	3	14	0	0	0	11	3	14
58. Tamil	5	0	5	0	0	0	5	0	5
59. Urdu	450	139	589	0	0	0	450	139	589
Sub-Total (Certificate) :	1501	378	1879	0	0	0	1578	400	1978
Total (Cert./Diploma/Course) :	1920	533	2453	1	0	1	1921	533	2454

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
B. Colleges									
<i>1. Diploma</i>									
1. Business Jour. & Corp.	14	28	42	0	0	0	14	28	42
2. Chinese	9	11	20	0	0	0	9	11	20
3. Conflict Transform. & P	0	21	21	0	23	23	0	44	44
4. French	66	129	195	0	0	0	66	129	195
5. Fine Art	2	3	5	4	3	7	6	6	12
6. German	46	99	145	0	0	0	46	99	145
7. Italian	7	6	13	0	0	0	7	6	13
8. Japanese	10	18	28	0	0	0	10	18	28
9. Korean	12	9	21	0	0	0	12	9	21
10. Pharmacy	55	45	100	59	61	120	114	106	220
11. Russian	0	5	5	0	0	0	0	5	5
12. Spanish	37	51	88	0	0	0	37	51	88
Sub-Total (Diploma) :	258	425	683	63	87	150	321	512	833
<i>2. Advance Diploma</i>									
13. French	29	85	114	0	0	0	29	85	114
14. German	25	63	88	0	0	0	25	63	88
15. Italian	4	3	7	0	0	0	4	3	7
16. Spanish	11	17	28	0	0	0	11	17	28
Sub-Total (Adv. Diploma) :	69	168	237	0	0	0	69	168	237

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>3. Advance Intensive Diploma</i>									
Sub-Total (Int. Course)	0	0	0	0	0	0	0	0	0
<i>4. Certificate course</i>									
17. Chinese	51	34	85	0	0	0	51	34	85
18. French	221	447	668	0	0	0	221	447	668
19. German	285	436	721	0	0	0	285	436	721
20. Italian	18	14	32	0	0	0	18	14	32
21. Japanese	29	37	66	0	0	0	29	37	66
22. Korean	24	11	35	0	0	0	24	11	35
23. Russian	78	89	167	0	0	0	78	89	167
24. Spanish	126	236	362	0	0	0	126	236	362
Sub-Total (Certificate) :	832	1304	2136	0	0	0	832	1304	2136
Total (Cert./Diploma/Course) :	1159	1897	3056	63	87	150	1222	1984	3206
Grand-Total :	3079	2430	5509	64	87	151	3143	2517	5660

**Statement showing the Number of Students on Rolls in Post-Graduate Certificate/Diploma courses
in the University Colleges/Departments for the year 2011-12**

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
A. Department									
<i>1. Diploma</i>									
1. Diploma in Foreign Language Education	5	18	23	0	0	0	5	18	23
2. Diploma in Pali	6	5	11	0	0	0	6	5	11
3. Diploma in Sangeet Shiromani (Hindi in)	0	0	0	4	1	5	4	1	5
4. Diploma in Sangeet Shiromani (Hindustani)	5	8	13	10	4	14	15	12	27
5. Diploma in Sangeet Shiromani (Karnataka)	2	1	3	0	3	3	2	4	6
6. Diploma in Tibetan	7	3	10	0	0	0	7	3	10
Sub-Total (Diploma) :	25	35	60	14	8	22	39	43	82
<i>2. Intensive Advanced Diploma</i>									
7. 1 Yr. PG Int. Diploma in Chinese	11	9	20	0	0	0	11	9	20
8. 1 Yr. PG Int. Diploma in Japanese	10	8	18	0	0	0	10	8	18
9. 1 Yr. PG Int. Diploma in Korean	7	4	11	0	0	0	7	4	11
Sub-Total (Int. Adv. Dip.) :	28	21	49	0	0	0	28	21	49

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>3. Post M.A. Diploma</i>									
10. Adult Cont. Edu. & Extension	31	6	37	0	0	0	31	6	37
11. Linguistics	1	2	3	0	0	0	1	2	3
12. Mass Media & Mass Communication	9	1	10	0	0	0	9	1	10
13. Urdu Paleography	4	0	4	0	0	0	4	0	4
Sub-Total (Post M.A. Diploma) :	45	9	54	0	0	0	45	9	54
<i>4. P.G. Diploma</i>									
14. Hindi Journalism	15	10	25	23	9	32	38	19	57
15. Med. Sc.-Other Inst.	4	7	11	15	12	27	19	19	38
16. Translation (Eng-Hindi)	21	29	50	0	0	0	21	29	50
Sub-Total (P.G. Diploma) :	40	46	86	38	21	59	78	67	145
<i>5. Certificate course</i>									
17. Forensic Science	11	17	28	0	0	0	11	17	28
18. Pali	16	5	21	0	0	0	16	5	21
19. Tibetan	8	1	9	0	0	0	8	1	9
Sub-Total (Certificate) :	35	23	58	0	0	0	35	23	58

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>6. Post Intensive Advanced Diploma</i>									
20. 1 Yr. PG Int. Adv. Dip. in Chinese	1	5	6	0	0	0	1	5	6
21. 1 Yr. PG.Int. Adv. Dip. in Japanese	7	7	14	0	0	0	7	7	14
Sub-Total (Post Int. Adv. Dip.) :	8	12	20	0	0	0	8	12	20
<i>7. P.G. Certificate</i>									
22. Hindi Journalism	15	3	18	0	0	0	15	3	18
Sub-Total (P.G. Certificate) :	15	3	18	0	0	0	15	3	18
Total (Cert./Diploma/Course) :	196	149	345	52	29	81	248	178	426
B. Colleges									
<i>1. Diploma</i>									
23. Dietetics & Pubic Health Nutrition	0	45	45	0	0	0	0	45	45
24. P.G. Diploma in Fine Arts	0	4	4	1	3	4	1	7	8
Sub-Total (Diploma) :	0	49	49	1	3	4	1	52	53

S.No. College/Department	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>2. P.G. Diploma</i>									
25. Anaesthesiology (D.A.)	2	4	6	7	4	11	9	8	17
26. Bio-Chemical Tech.	3	16	19	0	0	0	3	16	19
27. Cosmetology (One Year)	1	3	4	0	0	0	1	3	4
28. Computer Applications	23	28	51	25	25	50	48	53	101
29. Forensic Science	14	15	29	0	0	0	14	15	29
30. Global Business Operation	48	13	61	45	14	59	93	27	120
31. Health & Social Gerontology	0	6	6	0	0	0	0	6	6
32. International Marketing	21	23	44	0	0	0	21	23	44
33. Nano Technology	3	11	14	0	0	0	3	11	14
34. Obst. & Gynaecology (DGO)	0	4	4	0	17	17	0	21	21
35. Ophthalmology (D.O.)	2	1	3	3	2	5	5	3	8
36. Paediatrics (DCH)	5	2	7	5	4	9	10	6	16
37. Radio-Diagnosis (DMRD)	1	0	1	1	1	2	2	1	3
38. Special Education	4	12	16	0	0	0	4	12	16
39. Tourism	15	7	22	9	0	9	24	7	31
40. Tub.& Chest Diseases (DT)	8	2	10	4	3	7	12	5	17
Sub-Total (P.G. Diploma) :	150	147	297	99	70	169	249	217	466
Total (Cert./Diploma/Course) :	150	196	346	100	73	173	250	269	519
Grand-Total :	346	345	691	152	102	254	498	447	945

**Statement showing the College-wise and Course-wise distribution of
Students for the year 2011-12**

B.A. (Vocational Studies)

S.No. College/Deptt.	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. College of Vocational Studies	375	244	619	209	135	344	193	160	353	777	539	1316
Total (Day) :	375	244	619	209	135	344	193	160	353	777	539	1316
Grand Total :	375	244	619	209	135	344	193	160	353	777	539	1316

B.A. Programme

1. A.R.S.D. College	79	29	108	58	35	93	55	43	98	192	107	299
2. Aditi Mahavidhyalaya (W)	0	489	489	0	358	358	0	232	232	0	1079	1079
3. Bhagini Nivedita College (W)	0	290	290	0	241	241	0	140	140	0	671	671
4. Bharati College (W)	0	204	204	0	164	164	0	142	142	0	510	510
5. Bhim Rao Ambedkar College	135	139	274	102	157	259	79	147	226	316	443	759
6. Daulat Ram College (W)	0	143	143	0	110	110	0	129	129	0	382	382
7. Deen Dayal Upadhyaya College	61	28	89	46	31	77	48	24	72	155	83	238
8. Delhi College of Arts & Commerce	163	58	221	76	25	101	72	32	104	311	115	426
9. Deshbandhu College	133	56	189	93	62	155	71	57	128	297	175	472
10. Dyal Singh College	187	80	267	142	72	214	118	62	180	447	214	661
11. Gargi College (W)	0	171	171	0	156	156	0	113	113	0	440	440
12. Hans Raj College	82	28	110	74	48	122	52	30	82	208	106	314
13. Hindu College	26	11	37	32	15	47	34	7	41	92	33	125
14. I.P. College (W)	0	267	267	0	174	174	0	130	130	0	571	571
15. Janki Devi Memorial College (W)	0	305	305	0	215	215	0	162	162	0	682	682

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
16. Jesus & Mary College (W)	0	334	334	0	297	297	0	259	259	0	890	890
17. Kalindi College (W)	0	273	273	0	200	200	0	187	187	0	660	660
18. Kamala Nehru College (W)	0	146	146	0	118	118	0	94	94	0	358	358
19. Kirori Mal College	107	43	150	58	28	86	54	16	70	219	87	306
20. Lady Shri Ram College (W)	0	85	85	0	57	57	0	42	42	0	184	184
21. Lakshmibai College (W)	0	471	471	0	508	508	0	442	442	0	1421	1421
22. Maitreyi College (W)	0	174	174	0	150	150	0	121	121	0	445	445
23. Mata Sundri College (W)	0	288	288	0	234	234	0	157	157	0	679	679
24. Miranda House (W)	0	197	197	0	153	153	0	140	140	0	490	490
25. Moti Lal Nehru College	160	162	322	149	111	260	119	94	213	428	367	795
26. Maharaja Agarsen Co-Ed. College	74	80	154	42	89	131	39	74	113	155	243	398
27. P.G.D.A.V. College	194	74	268	85	45	130	102	32	134	381	151	532
28. Rajdhani College	199	55	254	169	55	224	90	30	120	458	140	598
29. Ram Lal Anand College	79	33	112	62	27	89	37	22	59	178	82	260
30. Ramjas College	190	27	217	65	16	81	67	16	83	322	59	381
31. S.G.T.B. Khalsa College	76	10	86	59	15	74	41	22	63	176	47	223
32. Satyawati College	285	73	358	218	48	266	133	43	176	636	164	800
33. Shaheed Bhagat Singh College	66	20	86	60	22	82	48	25	73	174	67	241
34. Shivaji College	113	19	132	59	18	77	44	16	60	216	53	269
35. Shyam Lal College	118	86	204	93	56	149	67	54	121	278	196	474
36. Shyama Prasad Mukherji College (W)	0	362	362	0	261	261	0	247	247	0	870	870
37. Sri Venkateswara College	88	43	131	72	43	115	62	33	95	222	119	341
38. St. Stephen's College	35	23	58	31	30	61	28	31	59	94	84	178
39. Swami Shrsddhanand College	260	92	352	146	72	218	115	35	150	521	199	720
40. Shri Guru Nanak Dev Khalsa College	148	49	197	79	26	105	51	21	72	278	96	374

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
41. Sri Aurobindo College	305	120	425	182	64	246	154	51	205	641	235	876
42. Vivekananda College (W)	0	211	211	0	169	169	0	128	128	0	508	508
43. Zakir Husain College	183	104	287	138	82	220	134	83	217	455	269	724
Total (Day) :	3546	5952	9498	2390	4857	7247	1914	3965	5879	7850	14774	22624
44. Dyal Singh College (Eve.)	266	168	434	237	87	324	176	82	258	679	337	1016
45. Motilal Nehru College (Eve.)	360	93	453	234	32	266	198	42	240	792	167	959
46. P.G.D.A.V. College (Eve.)	269	43	312	204	58	262	144	74	218	617	175	792
47. Ramanujan College	118	59	177	86	49	135	60	41	101	264	149	413
48. Ram Lal Annad College (Eve.)	178	17	195	123	23	146	105	24	129	406	64	470
49. Satyawati College (Eve.)	220	34	254	189	43	232	134	18	152	543	95	638
50. Shaheed Bhagat Singh College (Eve.)	144	37	181	126	42	168	82	29	111	352	108	460
51. Shyam Lal College (Eve.)	161	60	221	113	45	158	82	31	113	356	136	492
52. Sri Aurobindo College (Eve.)	244	53	297	136	33	169	101	23	124	481	109	590
53. Zakir Husain P.G. Eve. College	442	63	505	179	27	206	131	20	151	752	110	862
Total (Eve) :	2402	627	3029	1627	439	2066	1213	384	1597	5242	1450	6692
Total (Day + Eve) :	5948	6579	12527	4017	5296	9313	3127	4349	7476	13092	16224	29316
Total (Regular) :	5948	6579	12527	4017	5296	9313	3127	4349	7476	13092	16224	29316
54. Non-Collegiate Women's Edu. Board	0	2806	2806	0	3950	3950	0	3065	3065	0	9821	9821
55. School of Open Learning	35540	38172	73712	25043	30645	55688	18525	23372	41897	79108	92189	171297
Total (Non-formal) :	35540	40978	76518	25043	34595	59638	18525	26437	44962	79108	102010	181118
Grand Total :	41488	47557	89045	29060	39891	68951	21652	30786	52438	92200	118234	210434

Statement showing the B.A. (Hons.) College-wise distribution of students for the year 2011-12

S.No. College/Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	220	148	368	109	134	243	85	81	166	414	363	777
2. Aditi Mahavidyalya (W)	0	122	122	0	65	65	0	70	70	0	257	257
3. Bharati College (W)	0	302	302	0	210	210	0	143	143	0	655	655
4. Bhim Rao Ambedkar College	151	89	240	106	100	206	96	82	178	353	271	624
5. Bhagini Nivedita College (W)	0	37	37	0	26	26	0	11	11	0	74	74
6. College of Vocational Studies	152	90	242	64	35	99	46	46	92	262	171	433
7. Daulat Ram College (W)	0	610	610	0	517	517	0	463	463	0	1590	1590
8. Deen Dayal Upadhyaya College	11	23	34	8	26	34	5	15	20	24	64	88
9. Delhi College of Arts & Commerce	149	86	235	112	73	185	84	45	129	345	204	549
10. Deshbandhu College	390	202	592	159	126	285	137	124	261	686	452	1138
11. Dyal Singh College	311	157	468	210	176	386	125	142	267	646	475	1121
12. Gargi College (W)	0	432	432	0	338	338	0	266	266	0	1036	1036
13. Hans Raj College	213	178	391	144	159	303	127	127	254	484	464	948
14. Hindu College	218	169	387	173	144	317	114	123	237	505	436	941
15. I.P. College (W)	0	567	567	0	391	391	0	356	356	0	1314	1314
16. Janki Devi Memorial College (W)	0	529	529	0	395	395	0	228	228	0	1152	1152
17. Jesus & Mary College (W)	0	372	372	0	321	321	0	301	301	0	994	994
18. Kalindi College (W)	0	464	464	0	339	339	0	205	205	0	1008	1008
19. Kamala Nehru College (W)	0	592	592	0	426	426	0	330	330	0	1348	1348
20. Kirori Mal College	316	114	430	165	125	290	167	98	265	648	337	985
21. Keshav Mahavidyalaya	15	24	39	4	19	23	2	31	33	21	74	95
22. Lady Shri Ram College (W)	0	693	693	0	623	623	0	464	464	0	1780	1780

S.No. College/Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
23. Lakshmibai College (W)	0	422	422	0	472	472	0	315	315	0	1209	1209
24. Maitreyi College (W)	0	338	338	0	268	268	0	167	167	0	773	773
25. Mata Sundri College (W)	0	604	604	0	325	325	0	246	246	0	1175	1175
26. Miranda House (W)	0	541	541	0	392	392	0	329	329	0	1262	1262
27. Moti Lal Nehru College	160	133	293	77	55	132	77	63	140	314	251	565
28. Maharaja Agrasen Co-Ed. College	88	127	215	55	114	169	47	91	138	190	332	522
29. P.G.D.A.V. College	355	173	528	136	129	265	87	91	178	578	393	971
30. Rajdhani College	259	138	397	158	85	243	104	84	188	521	307	828
31. Ram Lal Anand College	247	102	349	127	97	224	113	60	173	487	259	746
32. Ramjas College	359	86	445	245	62	307	176	69	245	780	217	997
33. S.G.T.B. Khalsa College	319	120	439	168	116	284	143	108	251	630	344	974
34. Satyawati College	315	137	452	181	75	256	117	63	180	613	275	888
35. Shaheed Bhagat Singh College	233	130	363	156	80	236	109	74	183	498	284	782
36. Shivaji College	259	95	354	181	75	256	110	61	171	550	231	781
37. Shyam Lal College	164	145	309	84	100	184	74	99	173	322	344	666
38. Shyama Prasad Mukherji College (W)	0	334	334	0	219	219	0	180	180	0	733	733
39. Sri Aurobindo College	142	63	205	66	49	115	29	39	68	237	151	388
40. Sri G.G.S. College of Commerce	63	72	135	59	57	116	32	71	103	154	200	354
41. Shri Ram College of Commerce	77	80	157	50	118	168	33	76	109	160	274	434
42. Sri Venkateswara College	229	180	409	158	154	312	74	118	192	461	452	913
43. St. Stephen's College	74	113	187	65	110	175	88	67	155	227	290	517
44. Swami Shraddhanand College	265	98	363	83	47	130	60	24	84	408	169	577
45. Shri Guru Nanak Dev Khalsa College	218	157	375	101	90	191	98	67	165	417	314	731

S.No. College/Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
46. Vivekananda College (W)	0	336	336	0	221	221	0	198	198	0	755	755
47. Zakir Husain College	250	158	408	160	109	269	187	113	300	597	380	977
Total (Day) :	6222	10882	17104	3564	8387	11951	2746	6624	9370	12532	25893	38425
48. Dyal Singh College (Eve.)	133	123	256	88	57	145	62	30	92	283	210	493
49. Motilal Nehru College (Eve.)	135	42	177	56	15	71	50	12	62	241	69	310
50. P.G.D.A.V. College (Eve.)	113	34	147	49	22	71	33	22	55	195	78	273
51. Ramanujan College	75	95	170	53	46	99	42	30	72	170	171	341
52. Ram Lal Anand College (Eve.)	202	86	288	130	56	186	105	33	138	437	175	612
53. Satyawati College (Eve.)	282	65	347	85	37	122	60	27	87	427	129	556
54. Shaheed Bhagat Singh College (Eve.)	90	33	123	68	27	95	60	16	76	218	76	294
55. Shyam Lal College (Eve.)	121	45	166	62	43	105	51	18	69	234	106	340
56. Sri Aurobindo College (Eve.)	110	44	154	32	16	48	20	12	32	162	72	234
57. Zakir Husain P.G. Eve. College	193	26	219	53	20	73	43	11	54	289	57	346
Total (Eve) :	1454	593	2047	676	339	1015	526	211	737	2656	1143	3799
Total (Day + Eve) :	7676	11475	19151	4240	8726	12966	3272	6835	10107	15188	27036	42224

S.No. College/Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
58. Dept. of Germanic & Romance Studies	101	77	178	47	64	111	48	50	98	196	191	387
Total (Fac./Deptt./Centre) :	101	77	178	47	64	111	48	50	98	196	191	387
Total (Regular) :	7777	11552	19329	4287	8790	13077	3320	6885	10205	15384	27227	42611
59. School of Open Learning	2804	3357	6161	1176	1808	2984	702	1093	1795	4682	6258	10940
Total (Non-formal) :	2804	3357	6161	1176	1808	2984	702	1093	1795	4682	6258	10940
Grand Total :	10581	14909	25490	5463	10598	16061	4022	7978	12000	20066	33485	53551

Statement showing the B.A.(Hons.) Course-wise distribution of students for the year 2011-12

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Arabic	9	4	13	6	1	7	11	2	13	26	7	33
2. Applied Psychology	50	137	187	28	97	125	12	90	102	90	324	414
3. Bengali	4	9	13	0	2	2	2	7	9	6	18	24
4. Business Economics	224	216	440	193	202	395	195	181	376	612	599	1211
5. English	706	1865	2571	412	1590	2002	312	1245	1557	1430	4700	6130
6. Economics	1116	1544	2660	702	1268	1970	442	946	1388	2260	3758	6018
7. French	25	19	44	14	21	35	5	13	18	44	53	97
8. German	24	19	43	10	19	29	14	17	31	48	55	103
9. Geography	323	264	587	212	197	409	207	170	377	742	631	1373
10. History	1332	1446	2778	646	887	1533	496	669	1165	2474	3002	5476
11. Hindi	1379	1635	3014	561	1233	1794	460	932	1392	2400	3800	6200
12. Hindi Patrakarita Avam Jan	78	30	108	56	37	93	48	29	77	182	96	278
13. Italian	23	15	38	12	16	28	11	9	20	46	40	86
14. Journalism	34	100	134	23	119	142	30	105	135	87	324	411
15. Mathematics	91	444	535	53	256	309	25	190	215	169	890	1059
16. Music	22	26	48	19	25	44	5	27	32	46	78	124
17. Punjabi	46	45	91	18	35	53	9	33	42	73	113	186

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
18. Persian	5	6	11	5	5	10	7	7	14	17	18	35
19. Philosophy	60	412	472	42	304	346	33	227	260	135	943	1078
20. Psychology	38	344	382	14	277	291	14	277	291	66	898	964
21. Pol. Science	1582	2035	3617	1063	1630	2693	816	1217	2033	3461	4882	8343
22. Sanskrit	442	458	900	101	216	317	88	197	285	631	871	1502
23. Spanish	29	24	53	11	8	19	18	11	29	58	43	101
24. Sociology	36	331	367	30	268	298	14	194	208	80	793	873
25. Social Work	32	84	116	22	52	74	23	57	80	77	193	270
26. Urdu	67	40	107	34	25	59	23	33	56	124	98	222
Total :	7777	11552	19329	4287	8790	13077	3320	6885	10205	15384	27227	42611

Statement showing the B.A. (Hons.) College-wise and Subject-wise distribution of Students for the year 2011-2012

B.A. (Hons.) Arabic

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Zakir Husain College	9	4	13	6	1	7	11	2	13	26	7	33
Total (Day) :	9	4	13	6	1	7	11	2	13	26	7	33

B.A. (Hons.) Applied Psychology

S-41

1. Bhim Rao Ambedkar College	21	14	35	14	15	29	3	12	15	38	41	79
2. Gargi College (W)	0	32	32	0	25	25	0	23	23	0	80	80
3. Shyama Prasad Mukherji College (W)	0	35	35	0	28	28	0	26	26	0	89	89
4. Vivekananda College (W)	0	29	29	0	21	21	0	19	19	0	69	69
Total (Day) :	21	110	131	14	89	103	3	80	83	38	279	317
5. Sri Aurobindo College (Eve.)	29	27	56	14	8	22	9	10	19	52	45	97
Total (Eve) :	29	27	56	14	8	22	9	10	19	52	45	97
Total (Day + Eve) :	50	137	187	28	97	125	12	90	102	90	324	414
Total (Regular) :	50	137	187	28	97	125	12	90	102	90	324	414
Grand Total :	50	137	187	28	97	125	12	90	102	90	324	414

B.A. (Hons.) Bengali

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Miranda House (W)	0	7	7	0	2	2	0	3	3	0	12	12
2. Zakir Husain College	4	2	6	0	0	0	2	4	6	6	6	12
Total (Day) :	4	9	13	0	2	2	2	7	9	6	18	24
Grand Total :	4	9	13	0	2	2	2	7	9	6	18	24

B.A. (Hons.) English

1. A.R.S.D. College	9	39	48	4	25	29	9	18	27	22	82	104
2. Bharati College (W)	0	65	65	0	53	53	0	43	43	0	161	161
3. Daulat Ram College (W)	0	64	64	0	76	76	0	47	47	0	187	187
4. Deen Dayal Upadhyaya College	11	23	34	8	26	34	5	15	20	24	64	88
5. Delhi College of Arts & Commerce	22	31	53	15	14	29	11	14	25	48	59	107
6. Deshbandhu College	15	46	61	12	24	36	11	25	36	38	95	133
7. Dyal Singh College	33	50	83	23	57	80	16	67	83	72	174	246
8. Gargi College (W)	0	51	51	0	49	49	0	36	36	0	136	136
9. Hans Raj College	14	54	68	21	55	76	17	45	62	52	154	206
10. Hindu College	16	27	43	18	23	41	11	17	28	45	67	112
11. I.P. College (W)	0	52	52	0	41	41	0	30	30	0	123	123
12. Janki Devi Memorial College (W)	0	49	49	0	50	50	0	35	35	0	134	134
13. Jesus & Mary College (W)	0	48	48	0	39	39	0	50	50	0	137	137

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
14. Kalindi College (W)	0	57	57	0	85	85	0	24	24	0	166	166
15. Kamala Nehru College (W)	0	47	47	0	36	36	0	35	35	0	118	118
16. Kirori Mal College	39	12	51	20	30	50	11	22	33	70	64	134
17. Lady Shri Ram College (W)	0	105	105	0	91	91	0	65	65	0	261	261
18. Lakshmibai College (W)	0	53	53	0	61	61	0	43	43	0	157	157
19. Maitreyi College (W)	0	39	39	0	36	36	0	29	29	0	104	104
20. Mata Sundri College (W)	0	84	84	0	58	58	0	57	57	0	199	199
21. Miranda House (W)	0	56	56	0	41	41	0	42	42	0	139	139
22. Moti Lal Nehru College	13	31	44	4	18	22	7	16	23	24	65	89
23. Maharaja Agrasen Co-Ed. College	12	25	37	2	27	29	0	14	14	14	66	80
24. P.G.D.A.V. College	30	29	59	13	42	55	5	19	24	48	90	138
25. Rajdhani College	19	29	48	13	22	35	5	39	44	37	90	127
26. Ram Lal Anand College	43	33	76	25	42	67	15	20	35	83	95	178
27. Ramjas College	70	20	90	35	12	47	30	9	39	135	41	176
28. S.G.T.B. Khalsa College	22	31	53	15	27	42	10	26	36	47	84	131
29. Satyawati College	20	34	54	11	32	43	4	19	23	35	85	120
30. Shaheed Bhagat Singh College	17	27	44	10	26	36	13	17	30	40	70	110
31. Shivaji College	19	14	33	20	17	37	9	17	26	48	48	96
32. Shyam Lal College	10	30	40	5	27	32	4	32	36	19	89	108
33. Shyama Prasad Mukherji College(W)	0	31	31	0	20	20	0	31	31	0	82	82
34. Sri Aurobindo College	20	38	58	4	17	21	5	20	25	29	75	104
35. Sri Venkateswara College	29	46	75	16	47	63	13	35	48	58	128	186
36. St. Stephen's College	5	30	35	5	23	28	10	18	28	20	71	91

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
37. Swami Shraddhanand College	35	49	84	13	19	32	15	12	27	63	80	143
38. Shri Guru Nanak Dev Khalsa College	13	70	83	8	32	40	3	34	37	24	136	160
39. Vivekananda College (W)	0	44	44	0	39	39	0	39	39	0	122	122
40. Zakir Husain College	20	13	33	7	11	18	17	6	23	44	30	74
Total (Day) :	556	1676	2232	327	1470	1797	256	1182	1438	1139	4328	5467
41. Dyal Singh College (Eve.)	36	81	117	30	38	68	25	17	42	91	136	227
42. Motilal Nehru College (Eve.)	17	21	38	5	7	12	9	5	14	31	33	64
43. Ramanujan College	23	41	64	9	18	27	7	21	28	39	80	119
44. Ram Lal Anand College (Eve.)	28	23	51	24	34	58	5	12	17	57	69	126
45. Satyawati College (Eve.)	26	18	44	8	15	23	5	7	12	39	40	79
46. Zakir Husain P.G. Eve. College	20	5	25	9	8	17	5	1	6	34	14	48
Total (Eve) :	150	189	339	85	120	205	56	63	119	291	372	663
Total (Day + Eve) :	706	1865	2571	412	1590	2002	312	1245	1557	1430	4700	6130
Total (Regular) :	706	1865	2571	412	1590	2002	312	1245	1557	1430	4700	6130
47. School of Open Learning	372	872	1244	206	605	811	128	404	532	706	1881	2587
Total (Non-formal) :	372	872	1244	206	605	811	128	404	532	706	1881	2587
Grand Total :	1078	2737	3815	618	2195	2813	440	1649	2089	2136	6581	8717

B.A. (Hons.) Hindi

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	34	17	51	20	19	39	10	16	26	64	52	116
2. Bharati College (W)	0	76	76	0	50	50	0	29	29	0	155	155
3. Bhagini Nivedita College (W)	0	37	37	0	26	26	0	11	11	0	74	74
4. Daulat Ram College (W)	0	97	97	0	116	116	0	94	94	0	307	307
5. Deshbandhu College	46	41	87	12	29	41	15	27	42	73	97	170
6. Dyal Singh College	50	28	78	36	30	66	24	15	39	110	73	183
7. Gargi College (W)	0	53	53	0	39	39	0	43	43	0	135	135
8. Hans Raj College	44	20	64	27	20	47	33	15	48	104	55	159
9. Hindu College	33	16	49	26	7	33	15	15	30	74	38	112
10. I.P. College (W)	0	53	53	0	53	53	0	36	36	0	142	142
11. Janki Devi Memorial College (W)	0	54	54	0	56	56	0	19	19	0	129	129
12. Jesus & Mary College (W)	0	28	28	0	34	34	0	26	26	0	88	88
13. Kalindi College (W)	0	67	67	0	38	38	0	46	46	0	151	151
14. Kamala Nehru College (W)	0	72	72	0	40	40	0	30	30	0	142	142
15. Kirori Mal College	39	10	49	16	12	28	26	8	34	81	30	111
16. Lady Shri Ram College (W)	0	35	35	0	34	34	0	31	31	0	100	100
17. Lakshmi Bai College (W)	0	55	55	0	63	63	0	37	37	0	155	155
18. Maitreyi College (W)	0	39	39	0	40	40	0	22	22	0	101	101
19. Mata Sundri College (W)	0	130	130	0	54	54	0	41	41	0	225	225
20. Miranda House (W)	0	67	67	0	48	48	0	37	37	0	152	152
21. Moti Lal Nehru College	17	26	43	11	11	22	10	12	22	38	49	87
22. Maharaja Agarsen Co-Ed. College	12	44	56	7	32	39	5	27	32	24	103	127

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
23. P.G.D.A.V. College	67	45	112	22	43	65	15	20	35	104	108	212
24. Rajdhani College	61	33	94	24	14	38	16	16	32	101	63	164
25. Ram Lal Anand College	39	27	66	24	25	49	17	17	34	80	69	149
26. Ramjas College	60	18	78	30	8	38	35	13	48	125	39	164
27. S.G.T.B. Khalsa College	81	19	100	22	6	28	19	12	31	122	37	159
28. Satyawati College	40	10	50	36	9	45	28	10	38	104	29	133
29. Shaheed Bhagat Singh College	38	28	66	22	18	40	14	17	31	74	63	137
30. Shivaji College	19	12	31	21	6	27	10	7	17	50	25	75
31. Shyam Lal College	42	39	81	17	31	48	15	17	32	74	87	161
32. Shyama Prasad Mukherji College (W)	0	41	41	0	34	34	0	35	35	0	110	110
33. Shri Guru Nanak Dev Khalsa College	48	35	83	6	8	14	8	4	12	62	47	109
34. Sri Aurobindo College	59	12	71	17	18	35	2	4	6	78	34	112
35. Sri Venkateswara College	45	25	70	24	28	52	12	16	28	81	69	150
36. Swami Shraddhanand College	47	26	73	17	18	35	11	6	17	75	50	125
37. Vivekananda College (W)	0	54	54	0	41	41	0	36	36	0	131	131
38. Zakir Husain College	24	15	39	14	10	24	17	17	34	55	42	97
Total (Day) :	945	1504	2449	451	1168	1619	357	884	1241	1753	3556	5309

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
40. Motilal Nehru College (Eve.)	30	8	38	13	5	18	17	3	20	60	16	76
41. P.G.D.A.V. College (Eve.)	62	19	81	15	13	28	10	12	22	87	44	131
39. Ramanujan College	15	29	44	13	13	26	8	3	11	36	45	81
42. Ram Lal Anand College (Eve.)	71	21	92	11	3	14	18	6	24	100	30	130
43. Satyawati College (Eve.)	106	13	119	13	8	21	11	7	18	130	28	158
44. Shyam Lal College (Eve.)	48	21	69	16	12	28	16	12	28	80	45	125
45. Sri Aurobindo College (Eve.)	81	17	98	18	8	26	11	2	13	110	27	137
46. Zakir Husain P.G. Eve. College	21	3	24	11	3	14	12	3	15	44	9	53
Total (Eve) :	434	131	565	110	65	175	103	48	151	647	244	891
Total (Day + Eve) :	1379	1635	3014	561	1233	1794	460	932	1392	2400	3800	6200
Grand Total :	1379	1635	3014	561	1233	1794	460	932	1392	2400	3800	6200
B.A.(Hons.) Punjabi												
1. Mata Sundri College (W)	0	18	18	0	13	13	0	10	10	0	41	41
2. S.G.T.B. Khalsa College	40	22	62	14	18	32	9	17	26	63	57	120
3. Shri Guru Nanak Dev Khalsa College	6	5	11	4	4	8	0	6	6	10	15	25
Total (Day) :	46	45	91	18	35	53	9	33	42	73	113	186
Grand Total :	46	45	91	18	35	53	9	33	42	73	113	186

B.A. (Hons.) Persian

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Zakir Husain College	5	6	11	5	5	10	7	7	14	17	18	35
Total (Day) :	5	6	11	5	5	10	7	7	14	17	18	35

B.A. (Hons.) Philosophy

1. Daulat Ram College (W)	0	35	35	0	22	22	0	18	18	0	75	75
2. Gargi College (W)	0	28	28	0	16	16	0	21	21	0	65	65
3. Hindu College	26	7	33	23	15	38	12	20	32	61	42	103
4. Indraprastha College (W)	0	54	54	0	42	42	0	30	30	0	126	126
5. Janki Devi Memorial College (W)	0	28	28	0	18	18	0	16	16	0	62	62
6. Kamala Nehru College (W)	0	27	27	0	36	36	0	16	16	0	79	79
7. Lady Shri Ram College (W)	0	48	48	0	38	38	0	26	26	0	112	112
8. Lakshmibai College (W)	0	41	41	0	38	38	0	24	24	0	103	103
9. Mata Sundri College (W)	0	49	49	0	23	23	0	12	12	0	84	84
10. Miranda House (W)	0	43	43	0	25	25	0	22	22	0	90	90
11. Shyama Prasad Mukherji College(W)	0	27	27	0	18	18	0	13	13	0	58	58
12. St. Stephen's College	12	12	24	8	10	18	9	4	13	29	26	55
13. Zakir Husain College	22	13	35	11	3	14	12	5	17	45	21	66
Total (Day) :	60	412	472	42	304	346	33	227	260	135	943	1078
Grand Total :	60	412	472	42	304	346	33	227	260	135	943	1078

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T

B.A. (Hons.) Psychology

1. Daulat Ram College (W)	0	49	49	0	37	37	0	47	47	0	133	133
2. I.P. College (W)	0	66	66	0	46	46	0	37	37	0	149	149
3. Jesus & Mary College (W)	0	50	50	0	46	46	0	41	41	0	137	137
4. Kamala Nehru College (W)	0	40	40	0	26	26	0	36	36	0	102	102
5. Keshav Mahavidhyalaya	15	24	39	4	19	23	2	31	33	21	74	95
6. Lady Shri Ram College (W)	0	51	51	0	54	54	0	41	41	0	146	146
7. Mata Sundri College (W)	0	50	50	0	40	40	0	31	31	0	121	121
8. Zakir Husain College	23	14	37	10	9	19	12	13	25	45	36	81

Total (Day) : **38 344 382 14 277 291 14 277 291 66 898 964**

Grand Total : **38 344 382 14 277 291 14 277 291 66 898 964**

B.A. (Hons.) Sanskrit

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Bharati College (W)	0	29	29	0	19	19	0	17	17	0	65	65
2. Daulat Ram College (W)	0	38	38	0	27	27	0	29	29	0	94	94
3. Deshbandhu College	58	20	78	5	5	10	9	7	16	72	32	104
4. Gargi College (W)	0	27	27	0	14	14	0	16	16	0	57	57
5. Hans Raj College	38	11	49	23	2	25	14	7	21	75	20	95
6. Hindu College	31	8	39	7	9	16	16	4	20	54	21	75
7. I.P. College (W)	0	27	27	0	6	6	0	13	13	0	46	46
8. Janki Devi Memorial College (W)	0	19	19	0	4	4	0	11	11	0	34	34
9. Kalindi College (W)	0	12	12	0	10	10	0	3	3	0	25	25
10. Kamala Nehru College (W)	0	30	30	0	10	10	0	10	10	0	50	50
11. Kirori Mal College	25	9	34	9	3	12	5	1	6	39	13	52
12. Lady Shri Ram College (W)	0	23	23	0	14	14	0	9	9	0	46	46
13. Lakshmibai College (W)	0	21	21	0	11	11	0	8	8	0	40	40
14. Maitreyi College (W)	0	16	16	0	4	4	0	0	0	0	20	20
15. Mata Sundri College (W)	0	18	18	0	7	7	0	5	5	0	30	30
16. Miranda House (W)	0	20	20	0	17	17	0	10	10	0	47	47
17. Moti Lal Nehru College	37	8	45	3	4	7	4	0	4	44	12	56
18. P.G.D.A.V. College	42	7	49	7	0	7	5	2	7	54	9	63
19. Rajdhani College	54	12	66	9	3	12	6	2	8	69	17	86
20. Ramjas College	20	8	28	6	4	10	4	1	5	30	13	43
21. Satyawati College	34	4	38	4	0	4	6	1	7	44	5	49
22. Shivaji College	25	3	28	4	3	7	1	1	2	30	7	37

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
23. Shyama Prasad Mukherji College(W)	0	29	29	0	10	10	0	12	12	0	51	51
24. Sri Venkateswara College	48	10	58	12	2	14	2	0	2	62	12	74
25. St. Stephen's College	5	4	9	6	6	12	5	6	11	16	16	32
26. Vivekananda College (W)	0	38	38	0	18	18	0	17	17	0	73	73
27. Zakir Husain College	10	6	16	3	4	7	11	4	15	24	14	38
Total (Day) :	427	457	884	98	216	314	88	196	284	613	869	1482
28. Zakir Husain P.G. Eve. College	15	1	16	3	0	3	0	1	1	18	2	20
Total (Eve) :	15	1	16	3	0	3	0	1	1	18	2	20
Total (Day + Eve) :	442	458	900	101	216	317	88	197	285	631	871	1502
Grand Total :	442	458	900	101	216	317	88	197	285	631	871	1502

B.A. (Hons.) Urdu

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Kirori Mal College	24	0	24	12	7	19	10	10	20	46	17	63
2. Satyawati College	13	13	26	6	0	6	6	1	7	25	14	39
3. Zakir Husain College	10	18	28	6	12	18	4	17	21	20	47	67
Total (Day):	47	31	78	24	19	43	20	28	48	91	78	169
4. Zakir Husain P.G. Eve. College	20	9	29	10	6	16	3	5	8	33	20	53
Total (Eve):	20	9	29	10	6	16	3	5	8	33	20	53
Grand Total :	67	40	107	34	25	59	23	33	56	124	98	222

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B.A. (Hons.) Hindi Patrakarita Evam Jan Sanchar

1. Aditi Mahavidyalaya (W)	0	18	18	0	19	19	0	12	12	0	49	49
2. Bhim Rao Ambedkar College	28	4	32	17	6	23	13	10	23	58	20	78
3. Ram Lal Anand College	27	4	31	19	3	22	16	3	19	62	10	72
4. Shri Guru Nanak Dev Khalsa College	23	4	27	20	9	29	19	4	23	62	17	79
Total (Day):	78	30	108	56	37	93	48	29	77	182	96	278
Grand Total :	78	30	108	56	37	93	48	29	77	182	96	278

B.A. (Hons.) Journalism

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Delhi College of Arts & Commerce	17	9	26	12	14	26	15	6	21	44	29	73
2. Kalindi College (W)	0	24	24	0	27	27	0	33	33	0	84	84
3. Kamala Nehru College (W)	0	27	27	0	34	34	0	27	27	0	88	88
4. Lady Shri Ram College (W)	0	26	26	0	26	26	0	21	21	0	73	73
5. Maharaja Agarsen College	17	14	31	11	18	29	15	18	33	43	50	93
Grand Total :	34	100	134	23	119	142	30	105	135	87	324	411

B.A. (Hons.) French

S.No. Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Germanic & Romance Studies	25	19	44	14	21	35	5	13	18	44	53	97
Grand Total :	25	19	44	14	21	35	5	13	18	44	53	97

B.A. (Hons.) German

1. Germanic & Romance Studies	24	19	43	10	19	29	14	17	31	48	55	103
Grand Total :	24	19	43	10	19	29	14	17	31	48	55	103

B.A. (Hons.) Italian

1. Germanic & Romance Studies	23	15	38	12	16	28	11	9	20	46	40	86
Grand Total :	23	15	38	12	16	28	11	9	20	46	40	86

B.A. (Hons.) Spanish

1. Germanic & Romance Studies	29	24	53	11	8	19	18	11	29	58	43	101
Grand Total :	29	24	53	11	8	19	18	11	29	58	43	101

B.A. (Hons.) Economics

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	54	44	98	21	40	61	19	26	45	94	110	204
2. College of Vocational Studies	45	37	82	9	18	27	9	19	28	63	74	137
3. Daulat Ram College (W)	0	159	159	0	90	90	0	83	83	0	332	332
4. Delhi College of Arts & Commerce	28	14	42	23	24	47	21	15	36	72	53	125
5. Deshbandhu College	57	22	79	31	39	70	14	13	27	102	74	176
6. Dyal Singh College	50	26	76	32	42	74	8	21	29	90	89	179
7. Hans Raj College	74	75	149	46	61	107	36	49	85	156	185	341
8. Hindu College	28	30	58	32	24	56	13	22	35	73	76	149
9. I.P. College (W)	0	63	63	0	45	45	0	55	55	0	163	163
10. Janki Devi Memorial College (W)	0	56	56	0	51	51	0	41	41	0	148	148
11. Jesus & Mary College (W)	0	51	51	0	46	46	0	44	44	0	141	141
12. Kalindi College (W)	0	60	60	0	36	36	0	30	30	0	126	126
13. Kamala Nehru College (W)	0	69	69	0	31	31	0	32	32	0	132	132
14. Kirori Mal College	65	36	101	37	33	70	24	23	47	126	92	218
15. Lady Shri Ram College (W)	0	110	110	0	117	117	0	67	67	0	294	294
16. Lakshmibai College (W)	0	49	49	0	74	74	0	27	27	0	150	150
17. Maitreyi College (W)	0	48	48	0	42	42	0	28	28	0	118	118
18. Miranda House (W)	0	91	91	0	56	56	0	41	41	0	188	188
19. Motilal Nehru College	40	23	63	20	3	23	21	12	33	81	38	119
20. P.G.D.A.V. College	45	14	59	22	12	34	4	12	16	71	38	109
21. Rajdhani College	36	43	79	32	25	57	20	7	27	88	75	163
22. Ramjas College	70	13	83	90	11	101	37	18	55	197	42	239

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
23. S.G.T.B. Khalsa College	47	10	57	32	25	57	23	13	36	102	48	150
24. Satyawati College	42	33	75	22	14	36	11	18	29	75	65	140
25. Shaheed Bhagat Singh College	47	43	90	25	17	42	11	15	26	83	75	158
26. Shivaji College	62	22	84	30	15	45	19	7	26	111	44	155
27. Shyam Lal College	29	31	60	8	13	21	8	14	22	45	58	103
28. Shyama Prasad Mukherji College (W)	0	39	39	0	13	13	0	25	25	0	77	77
29. Sri G.G.S. College of Commerce	26	48	74	28	31	59	12	41	53	66	120	186
30. Shri Ram College of Commerce	77	80	157	50	118	168	33	76	109	160	274	434
31. Sri Venkateswara College	25	34	59	29	27	56	8	26	34	62	87	149
32. St. Stephen's College	29	26	55	18	33	51	38	11	49	85	70	155
33. Zakir Husain College	24	11	35	8	10	18	20	7	27	52	28	80
Total (Day) :	1000	1510	2510	645	1236	1881	409	938	1347	2054	3684	5738
34. Ram Lal Anand College (Eve.)	31	13	44	28	2	30	15	1	16	74	16	90
35. Satyawati College (Eve.)	34	10	44	16	8	24	10	7	17	60	25	85
36. Shyam Lal College (Eve.)	51	11	62	13	22	35	8	0	8	72	33	105
Total (Eve) :	116	34	150	57	32	89	33	8	41	206	74	280
Grand Total :	1116	1544	2660	702	1268	1970	442	946	1388	2260	3758	6018

B.A. (Hons.) History

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	41	11	52	19	8	27	10	9	19	70	28	98
2. Bharati College (W)	0	68	68	0	26	26	0	19	19	0	113	113
3. College of Vocational Studies	54	19	73	24	6	30	16	8	24	94	33	127
4. Daulat Ram College (W)	0	61	61	0	52	52	0	60	60	0	173	173
5. Delhi College of Arts & Commerce	53	17	70	27	10	37	18	8	26	98	35	133
6. Deshbandhu College	119	35	154	47	8	55	32	14	46	198	57	255
7. Dyal Singh College	64	16	80	43	13	56	21	10	31	128	39	167
8. Gargi College (W)	0	74	74	0	49	49	0	25	25	0	148	148
9. Hans Raj College	43	18	61	27	21	48	27	11	38	97	50	147
10. Hindu College	25	27	52	21	11	32	16	10	26	62	48	110
11. I.P. College (W)	0	40	40	0	34	34	0	28	28	0	102	102
12. Janki Devi Memorial College (W)	0	95	95	0	47	47	0	19	19	0	161	161
13. Jesus & Mary College (W)	0	48	48	0	35	35	0	35	35	0	118	118
14. Kalindi College (W)	0	68	68	0	35	35	0	17	17	0	120	120
15. Kamala Nehru College (W)	0	61	61	0	42	42	0	30	30	0	133	133
16. Kirori Mal College	43	18	61	18	13	31	23	8	31	84	39	123
17. Lady Shri Ram College (W)	0	119	119	0	84	84	0	78	78	0	281	281
18. Lakshmibai College (W)	0	68	68	0	71	71	0	37	37	0	176	176
19. Maitreyi College (W)	0	75	75	0	42	42	0	12	12	0	129	129
20. Mata Sundri College (W)	0	76	76	0	26	26	0	10	10	0	112	112
21. Miranda House (W)	0	40	40	0	44	44	0	39	39	0	123	123

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
22. Moti Lal Nehru College	30	24	54	15	8	23	19	10	29	64	42	106
23. P.G.D.A.V. College	60	28	88	15	4	19	15	14	29	90	46	136
24. Rajdhani College	42	5	47	37	15	52	33	5	38	112	25	137
25. Ram Lal Anand College	64	20	84	21	13	34	29	8	37	114	41	155
26. Ramjas College	75	9	84	40	16	56	33	15	48	148	40	188
27. S.G.T.B. Khalsa College	48	7	55	27	10	37	27	8	35	102	25	127
28. Satyawati College	55	6	61	22	3	25	25	5	30	102	14	116
29. Shaheed Bhagat Singh College	43	9	52	32	7	39	16	6	22	91	22	113
30. Shivaji College	41	14	55	38	0	38	17	4	21	96	18	114
31. Shyam Lal College	42	27	69	17	11	28	17	7	24	76	45	121
32. Shyama Prasad Mukherji College (W)	0	50	50	0	27	27	0	21	21	0	98	98
33. Sri Venkateswara College	38	20	58	24	8	32	15	9	24	77	37	114
34. St. Stephen's College	23	41	64	28	38	66	26	28	54	77	107	184
35. Swami Shraddhanand College	96	10	106	27	4	31	7	3	10	130	17	147
36. Shri Guru Nanak Dev Khalsa College	64	15	79	28	5	33	6	1	7	98	21	119
37. Vivekananda College (W)	0	72	72	0	26	26	0	23	23	0	121	121
38. Zakir Husain College	23	15	38	11	11	22	15	10	25	49	36	85
Total (Day) :	1186	1426	2612	608	883	1491	463	664	1127	2257	2973	5230

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
39. Motilal Nehru College (Eve.)	44	9	53	14	1	15	11	2	13	69	12	81
40. Satyawati College (Eve.)	53	8	61	15	3	18	15	3	18	83	14	97
41. Zakir Husain P.G. Eve. College	49	3	52	9	0	9	7	0	7	65	3	68
Total (Eve) :	146	20	166	38	4	42	33	5	38	217	29	246
Grand Total :	1332	1446	2778	646	887	1533	496	669	1165	2474	3002	5476

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B.A. (Hons.) Geography

1. Aditi Mahavidyalaya (W)	0	53	53	0	17	17	0	21	21	0	91	91
2. Bhim Rao Ambedkar College	50	23	73	28	24	52	31	26	57	109	73	182
3. Dyal Singh College	34	15	49	29	9	38	23	11	34	86	35	121
4. Kamala Nehru College (W)	0	52	52	0	41	41	0	28	28	0	121	121
5. Kirori Mal College	36	6	42	30	9	39	40	8	48	106	23	129
6. Miranda House (W)	0	64	64	0	48	48	0	37	37	0	149	149
7. Shaheed Bhagat Singh College	27	5	32	36	8	44	24	11	35	87	24	111
8. Shivaji College	43	16	59	29	23	52	28	17	45	100	56	156
9. Swami Shraddhanand College	87	13	100	26	6	32	27	3	30	140	22	162
Total (Day) :	277	247	524	178	185	363	173	162	335	628	594	1222

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
10. Shaheed Bhagat Singh College (Eve.)	46	17	63	34	12	46	34	8	42	114	37	151
Total (Eve) :	46	17	63	34	12	46	34	8	42	114	37	151
Grand Total :	323	264	587	212	197	409	207	170	377	742	631	1373

B.A. (Hons.) Political Science

1. A.R.S.D. College	82	37	119	45	42	87	37	12	49	164	91	255
2. Bharati College (W)	0	64	64	0	62	62	0	35	35	0	161	161
3. Daulat Ram College (W)	0	104	104	0	93	93	0	77	77	0	274	274
4. Delhi College of Arts & Commerce	29	15	44	35	11	46	19	2	21	83	28	111
5. Deshbandhu College	95	38	133	52	21	73	56	38	94	203	97	300
6. Dyal Singh College	80	22	102	47	25	72	33	18	51	160	65	225
7. Gargi College (W)	0	126	126	0	106	106	0	65	65	0	297	297
8. Hindu College	24	27	51	22	30	52	18	16	34	64	73	137
9. I.P. College (W)	0	104	104	0	86	86	0	93	93	0	283	283
10. Janki Devi Memorial College (W)	0	99	99	0	97	97	0	43	43	0	239	239
11. Jesus & Mary College (W)	0	52	52	0	38	38	0	39	39	0	129	129
12. Kalindi College (W)	0	176	176	0	108	108	0	52	52	0	336	336
13. Kamala Nehru College (W)	0	98	98	0	78	78	0	55	55	0	231	231
14. Kirori Mal College	45	23	68	23	18	41	27	18	45	95	59	154
15. Lady Shri Ram College (W)	0	87	87	0	87	87	0	66	66	0	240	240
16. Lakshmibai College (W)	0	109	109	0	128	128	0	114	114	0	351	351

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
17. Maitreyi College (W)	0	77	77	0	68	68	0	55	55	0	200	200
18. Mata Sundri College (W)	0	128	128	0	63	63	0	56	56	0	247	247
19. Miranda House (W)	0	96	96	0	65	65	0	51	51	0	212	212
20. Moti Lal Nehru College	23	21	44	24	11	35	16	13	29	63	45	108
21. Maharaja Agarsen Co-Ed. College	20	28	48	13	22	35	13	16	29	46	66	112
22. P.G.D.A.V. College	63	29	92	35	21	56	24	16	40	122	66	188
23. Rajdhani College	47	16	63	43	6	49	24	15	39	114	37	151
24. Ram Lal Anand College	74	18	92	38	14	52	36	12	48	148	44	192
25. Ramjas College	55	12	67	38	7	45	35	12	47	128	31	159
26. S.G.T.B. Khalsa College	37	7	44	24	8	32	19	12	31	80	27	107
27. Satyawati College	68	8	76	49	10	59	32	7	39	149	25	174
28. Shaheed Bhagat Singh College	61	18	79	31	4	35	31	8	39	123	30	153
29. Shivaji College	50	14	64	39	11	50	26	8	34	115	33	148
30. Shyam Lal College	41	18	59	37	18	55	30	29	59	108	65	173
31. Shyama Prasad Mukherji College (W)	0	82	82	0	69	69	0	17	17	0	168	168
32. Sri Aurobindo College	63	13	76	45	14	59	22	15	37	130	42	172
33. Sri Venkateswara College	30	17	47	34	19	53	20	15	35	84	51	135
34. Shri Guru Nanak Dev Khalsa College	38	13	51	17	12	29	27	5	32	82	30	112
35. Vivekananda College (W)	0	54	54	0	43	43	0	35	35	0	132	132
36. Zakir Husain College	76	41	117	79	33	112	59	21	80	214	95	309
Total (Day) :	1101	1891	2992	770	1548	2318	604	1161	1765	2475	4600	7075

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
37. Dyal Singh College (Eve.)	97	42	139	58	19	77	37	13	50	192	74	266
38. Motilal Nehru College (Eve.)	44	4	48	24	2	26	13	2	15	81	8	89
39. P.G.D.A.V. College (Eve.)	51	15	66	34	9	43	23	10	33	108	34	142
40. Ramanujan College	37	25	62	31	15	46	27	6	33	95	46	141
41. Ram Lal Anand College (Eve.)	55	8	63	35	7	42	24	7	31	114	22	136
42. Satyawati College (Eve.)	63	16	79	33	3	36	19	3	22	115	22	137
43. Shaheed Bhagat Singh College (Eve.)	44	16	60	34	15	49	26	8	34	104	39	143
44. Shyam Lal College (Eve.)	22	13	35	33	9	42	27	6	33	82	28	110
45. Zakir Husain P.G. Eve. College	68	5	73	11	3	14	16	1	17	95	9	104
Total (Eve) :	481	144	625	293	82	375	212	56	268	986	282	1268
Total (Regular) :	1582	2035	3617	1063	1630	2693	816	1217	2033	3461	4882	8343
46. School of Open Learning	2432	2485	4917	970	1203	2173	574	689	1263	3976	4377	8353
Total (Non-formal) :	2432	2485	4917	970	1203	2173	574	689	1263	3976	4377	8353
Grand Total :	4014	4520	8534	2033	2833	4866	1390	1906	3296	7437	9259	16696

B.A. (Hons.) Sociology

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Hindu College	22	22	44	11	20	31	10	13	23	43	55	98
2. Janki Devi Memorial College (W)	0	60	60	0	38	38	0	16	16	0	114	114
3. Jesus & Mary College (W)	0	58	58	0	46	46	0	34	34	0	138	138
4. Kamala Nehru College (W)	0	40	40	0	36	36	0	22	22	0	98	98
5. Lady Shri Ram College (W)	0	32	32	0	35	35	0	29	29	0	96	96
6. Maitreyi College (W)	0	44	44	0	36	36	0	21	21	0	101	101
7. Miranda House (W)	0	47	47	0	34	34	0	42	42	0	123	123
8. Sri Venkateswara College	14	28	42	19	23	42	4	17	21	37	68	105
Total (Day) :	36	331	367	30	268	298	14	194	208	80	793	873
Grand Total :	36	331	367	30	268	298	14	194	208	80	793	873

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B.A. (Hons.) Social Work

1. Aditi Mahavidyalaya (W)	0	51	51	0	29	29	0	37	37	0	117	117
2. Bhim Rao Ambedkar College	32	33	65	22	23	45	23	20	43	77	76	153
Total (Day) :	32	84	116	22	52	74	23	57	80	77	193	270
Grand Total :	32	84	116	22	52	74	23	57	80	77	193	270

B.A. (Hons.) Mathematics

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. I.P. College (W)	0	106	106	0	38	38	0	27	27	0	171	171
2. Janki Devi Memorial College (W)	0	69	69	0	34	34	0	28	28	0	131	131
3. Jesus & Mary College (W)	0	37	37	0	37	37	0	32	32	0	106	106
4. Kamala Nehru College (W)	0	29	29	0	16	16	0	9	9	0	54	54
5. Kirori Mal College	0	0	0	0	0	0	1	0	1	1	0	1
6. Lady Shri Ram College (W)	0	57	57	0	43	43	0	31	31	0	131	131
7. Mata Sundri College (W)	0	51	51	0	41	41	0	24	24	0	116	116
8. P.G.D.A.V. College	48	21	69	22	7	29	19	8	27	89	36	125
9. Satyawati College	43	29	72	31	7	38	5	2	7	79	38	117
10. Vivekananda College (W)	0	45	45	0	33	33	0	29	29	0	107	107
Grand Total :	91	444	535	53	256	309	25	190	215	169	890	1059

B.A. (Hons.) Music

1. Daulat Ram College (W)	0	3	3	0	4	4	0	8	8	0	15	15
2. Hindu College	13	5	18	13	5	18	3	6	9	29	16	45
3. I.P. College (W)	0	2	2	0	0	0	0	7	7	0	9	9
4. Miranda House (W)	0	10	10	0	12	12	0	5	5	0	27	27
5. Ramjas College	9	6	15	6	4	10	2	1	3	17	11	28
Grand Total :	22	26	48	19	25	44	5	27	32	46	78	124

Statement showing the College-wise distribution of Students for the year 2011-12

B.Com.(Hons.)

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Aditi Mahavidyalaya (W)	0	61	61	0	60	60	0	25	25	0	146	146
2. A.R.S.D. College	69	43	112	39	70	109	33	69	102	141	182	323
3. Acharya Narendra Dev College	44	36	80	26	26	52	26	25	51	96	87	183
4. Bharati College (W)	0	136	136	0	104	104	0	73	73	0	313	313
5. Bhim Rao Ambedkar College	86	57	143	45	62	107	25	47	72	156	166	322
6. College of Vocational Studies	70	46	116	38	24	62	15	11	26	123	81	204
7. Daulat Ram College (W)	0	162	162	0	103	103	0	101	101	0	366	366
8. Deen Dayal Upadhyaya College	67	71	138	55	51	106	45	44	89	167	166	333
9. Delhi College of Arts & Commerce	67	30	97	63	25	88	52	17	69	182	72	254
10. Deshbandhu College	56	10	66	19	10	29	22	15	37	97	35	132
11. Dyal Singh College	123	95	218	108	82	190	59	66	125	290	243	533
12. Gargi College (W)	0	102	102	0	84	84	0	87	87	0	273	273
13. Hans Raj College	130	127	257	135	77	212	108	83	191	373	287	660
14. Hindu College	34	39	73	44	26	70	36	35	71	114	100	214
15. I.P. College (W)	0	126	126	0	97	97	0	80	80	0	303	303
16. Janki Devi Memorial College (W)	0	127	127	0	112	112	0	78	78	0	317	317
17. Jesus & Mary College (W)	0	107	107	0	91	91	0	103	103	0	301	301
18. Kalindi College (W)	0	51	51	0	34	34	0	22	22	0	107	107
19. Kamala Nehru College (W)	0	85	85	0	36	36	0	39	39	0	160	160
20. Kirori Mal College	67	51	118	55	24	79	52	18	70	174	93	267

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
21. Keshav Mahavidyalaya	81	46	127	50	82	132	36	56	92	167	184	351
22. Lady Shri Ram College (W)	0	86	86	0	110	110	0	47	47	0	243	243
23. Lakshmibai College (W)	0	93	93	0	86	86	0	72	72	0	251	251
24. Maitreyi College (W)	0	84	84	0	58	58	0	43	43	0	185	185
25. Mata Sundri College (W)	0	139	139	0	116	116	0	110	110	0	365	365
26. Maharaja Agarsen Co-Ed. College	76	63	139	53	57	110	35	54	89	164	174	338
27. Moti Lal Nehru College	73	98	171	46	63	109	29	69	98	148	230	378
28. P.G.D.A.V. College	154	60	214	98	52	150	63	28	91	315	140	455
29. Rajdhani College	96	47	143	76	18	94	65	20	85	237	85	322
30. Ram Lal Anand College	56	38	94	34	23	57	20	8	28	110	69	179
31. Ramjas College	105	32	137	58	7	65	77	12	89	240	51	291
32. S.G.T.B. Khalsa College	127	50	177	89	38	127	81	41	122	297	129	426
33. Satyawati College	97	65	162	73	46	119	71	9	80	241	120	361
34. Shaheed Bhagat Singh College	339	206	545	243	127	370	193	88	281	775	421	1196
35. Shivaji College	90	8	98	74	21	95	42	12	54	206	41	247
36. Shyam Lal College	78	57	135	69	45	114	51	43	94	198	145	343
37. Shyama Prasad Mukherji College (W)	0	102	102	0	45	45	0	55	55	0	202	202
38. Shri Guru Nanak Dev Khalsa College	72	51	123	75	36	111	54	43	97	201	130	331
39. Sri Aurobindo College	61	25	86	22	10	32	25	13	38	108	48	156
40. Sri G.G.S. College of Commerce	124	138	262	97	101	198	96	93	189	317	332	649
41. Sri Ram College of Commerce	321	391	712	285	286	571	139	313	452	745	990	1735
42. Sri Venkateswara College	87	134	221	60	64	124	37	37	74	184	235	419

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
43. Swami Shraddhanand College	77	36	113	62	17	79	43	20	63	182	73	255
44. Vivekananda College (W)	0	45	45	0	46	46	0	30	30	0	121	121
45. Zakir Husain College	98	19	117	72	21	93	73	21	94	243	61	304
Total (Day) :	3025	3675	6700	2263	2773	5036	1703	2375	4078	6991	8823	15814
46. Dyal Singh College (Eve.)	54	43	97	56	37	93	40	20	60	150	100	250
47. Motilal Nehru College (Eve.)	48	38	86	20	9	29	20	7	27	88	54	142
48. P.G.D.A.V. College (Eve.)	76	18	94	40	11	51	14	13	27	130	42	172
49. Ramanujan College	73	40	113	56	26	82	31	19	50	160	85	245
50. Ram Lal Anand College (Eve.)	65	16	81	49	9	58	24	8	32	138	33	171
51. Satyawati College (Eve.)	92	41	133	91	11	102	42	10	52	225	62	287
52. Shaheed Bhagat Singh College (Eve.)	65	44	109	26	21	47	18	17	35	109	82	191
53. Shyam Lal College (Eve.)	42	12	54	54	11	65	27	9	36	123	32	155
54. Sri Aurobindo College (Eve.)	64	4	68	17	1	18	30	9	39	111	14	125
55. Zakir Husain P.G. Eve. College	49	5	54	43	7	50	26	3	29	118	15	133
Total (Eve) :	628	261	889	452	143	595	272	115	387	1352	519	1871
Total (Day + Eve) :	3653	3936	7589	2715	2916	5631	1975	2490	4465	8343	9342	17685
56. School of Open Learning	3127	1980	5107	1855	1391	3246	982	960	1942	5964	4331	10295
Grand Total :	6780	5916	12696	4570	4307	8877	2957	3450	6407	14307	13673	27980

B.Com.

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Aditi Mahavidyalaya (W)	0	110	110	0	65	65	0	32	32	0	207	207
2. A.R.S.D. College	93	70	163	71	46	117	64	41	105	228	157	385
3. Bhagini Nivedita College (W)	0	111	111	0	119	119	0	60	60	0	290	290
4. Bharati College (W)	0	162	162	0	168	168	0	106	106	0	436	436
5. Bhim Rao Ambedkar College	90	71	161	92	87	179	74	86	160	256	244	500
6. Daulat Ram College (W)	0	81	81	0	67	67	0	66	66	0	214	214
7. Delhi College of Arts & Commerce	95	21	116	82	44	126	66	18	84	243	83	326
8. Dyal Singh College	128	65	193	132	76	208	92	61	153	352	202	554
9. Gargi College (W)	0	181	181	0	150	150	0	129	129	0	460	460
10. Janki Devi Memorial College (W)	0	74	74	0	57	57	0	57	57	0	188	188
11. Jesus & Mary College (W)	0	53	53	0	52	52	0	56	56	0	161	161
12. Kalindi College (W)	0	115	115	0	93	93	0	61	61	0	269	269
13. Kamala Nehru College (W)	0	115	115	0	103	103	0	97	97	0	315	315
14. Kirori Mal College	79	23	102	62	44	106	43	28	71	184	95	279
15. Lakshmibai College (W)	0	166	166	0	188	188	0	131	131	0	485	485
16. Maitreyi College (W)	0	69	69	0	78	78	0	71	71	0	218	218
17. Mata Sundri College (W)	0	276	276	0	236	236	0	155	155	0	667	667
18. Motilal Nehru College	105	49	154	109	47	156	96	52	148	310	148	458
19. P.G.D.A.V. College	200	69	269	184	60	244	119	44	163	503	173	676
20. Ram Lal Anand College	70	31	101	46	37	83	28	10	38	144	78	222
21. Ramjas College	50	11	61	48	6	54	40	10	50	138	27	165
22. S.G.T.B. Khalsa College	46	4	50	45	18	63	39	12	51	130	34	164

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
23. Satyawati College	108	56	164	103	30	133	72	19	91	283	105	388
24. Shaheed Bhagat Singh College	148	47	195	107	20	127	91	23	114	346	90	436
25. Shivaji College	99	9	108	78	14	92	50	6	56	227	29	256
26. Shyam Lal College	79	43	122	101	53	154	68	33	101	248	129	377
27. Shyama Prasad Mukherji College (W)	0	118	118	0	89	89	0	155	155	0	362	362
28. Shri Guru Nanak Dev Khalsa College	151	53	204	189	65	254	129	37	166	469	155	624
29. Sri Aurobindo College	197	53	250	163	41	204	135	44	179	495	138	633
30. Sri G.G.S. College of Commerce	78	66	144	105	78	183	81	66	147	264	210	474
31. Sri Venkateswara College	80	37	117	50	27	77	44	24	68	174	88	262
32. Swami Shraddhanand College	346	68	414	275	49	324	216	50	266	837	167	1004
33. Vivekananda College (W)	0	151	151	0	159	159	0	120	120	0	430	430
34. Zakir Husain College	68	12	80	51	16	67	40	9	49	159	37	196
Total (Day) :	2310	2640	4950	2093	2482	4575	1587	1969	3556	5990	7091	13081
35. Dyal Singh College (Eve.)	131	96	227	110	44	154	68	31	99	309	171	480
36. Motilal Nehru College (Eve.)	84	29	113	48	13	61	38	21	59	170	63	233
37. P.G.D.A.V. College (Eve.)	168	26	194	116	28	144	103	35	138	387	89	476
38. Ramanujan College (Eve.)	169	90	259	285	92	377	149	47	196	603	229	832
39. Ram Lal Anand College (Eve.)	134	29	163	131	38	169	95	19	114	360	86	446
40. Satyawati College (Eve.)	158	30	188	125	18	143	94	31	125	377	79	456
41. Shaheed Bhagat Singh College (Eve.)	302	82	384	272	104	376	135	102	237	709	288	997
42. Shyam Lal College (Eve.)	159	49	208	130	27	157	129	39	168	418	115	533

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
43. Sri Aurobindo College (Eve.)	256	22	278	163	20	183	105	23	128	524	65	589
44. Zakir Husain P.G. Eve. College	127	10	137	102	6	108	86	3	89	315	19	334
Total (Eve) :	1688	463	2151	1482	390	1872	1002	351	1353	4172	1204	5376
Total (Day + Eve) :	3998	3103	7101	3575	2872	6447	2589	2320	4909	10162	8295	18457
45. Non-Collegiate Women's Edu. Board	0	1610	1610	0	1502	1502	0	1166	1166	0	4278	4278
46. School of Open Learning	25250	13718	38968	19185	12447	31632	13840	9927	23767	58275	36092	94367
Total (Nonformal) :	25250	15328	40578	19185	13949	33134	13840	11093	24933	58275	40370	98645
Grand Total :	29248	18431	47679	22760	16821	39581	16429	13413	29842	68437	48665	117102

B.B.S. (Bachelor of Business Studies)

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Deen Dayal Upadhyaya College	17	21	38	16	27	43	21	17	38	54	65	119
2. Keshav Mahavidhalaya	28	19	47	17	21	38	15	15	30	60	55	115
3. Shaheed Sukhdev College of Business Studies	94	106	200	105	90	195	73	87	160	272	283	555
Total (Day) :	139	146	285	138	138	276	109	119	228	386	403	789
Grand Total :	139	146	285	138	138	276	109	119	228	386	403	789

B.F.I.A. (Bachelor of Financial and Investment Analysis)

1. Shaheed Sukhdev College of Business Studies	42	25	67	37	22	59	26	20	46	105	67	172
Total (Day) :	42	25	67	37	22	59	26	20	46	105	67	172

B.M.M.M.C. (Bachelor of Mass Media & Mass Communication)

1. Indraprastha College for Women	0	46	46	0	45	45	0	41	41	0	132	132
Total (Day) :	0	46	46	0	45	45	0	41	41	0	132	132

B.Sc. Physical Sciences

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	223	82	305	136	33	169	47	33	80	406	148	554
2. Acharya Narendra Dev College	103	41	144	74	32	106	37	21	58	214	94	308
3. Deen Dayal Upadhyaya College	65	20	85	36	34	70	26	27	53	127	81	208
4. Deshbandhu College	85	23	108	68	16	84	31	15	46	184	54	238
5. Dyal Singh College	242	87	329	67	37	104	49	30	79	358	154	512
6. Gargi College (W)	0	75	75	0	54	54	0	37	37	0	166	166
7. Hans Raj College	51	15	66	51	14	65	22	7	29	124	36	160
8. Hindu College	66	23	89	47	8	55	48	29	77	161	60	221
9. Kalindi College (W)	0	23	23	0	33	33	0	0	0	0	56	56
10. Kirori Mal College	143	30	173	107	31	138	60	24	84	310	85	395
11. Maitreyi College (W)	0	58	58	0	64	64	0	26	26	0	148	148
12. Moti Lal Nehru College	33	13	46	5	0	5	21	24	45	59	37	96
13. Rajdhani College	134	73	207	126	63	189	62	29	91	322	165	487
14. Ramjas College	145	20	165	85	13	98	71	13	84	301	46	347
15. S.G.T.B. Khalsa College	64	36	100	63	33	96	19	13	32	146	82	228
16. Shivaji College	88	16	104	40	15	55	44	11	55	172	42	214
17. Shyam Lal College	154	78	232	136	88	224	45	52	97	335	218	553
18. Sri Aurobindo College	176	36	212	49	33	82	25	8	33	250	77	327
19. St. Stephen's College	14	8	22	15	12	27	17	12	29	46	32	78
20. Swami Shraddhanand College	108	25	133	52	17	69	33	14	47	193	56	249
21. Zakir Husain College	54	14	68	34	10	44	20	8	28	108	32	140
Total (Day) :	1948	796	2744	1191	640	1831	677	433	1110	3816	1869	5685
Grand Total :	1948	796	2744	1191	640	1831	677	433	1110	3816	1869	5685

B.Sc. Life Sciences

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Acharya Narendra Dev College	30	51	81	29	19	48	14	19	33	73	89	162
2. Daulat Ram College (W)	0	63	63	0	55	55	0	46	46	0	164	164
3. Deen Dayal Upadhyaya College	13	14	27	12	23	35	14	39	53	39	76	115
4. Deshbandhu College	27	35	62	27	26	53	17	8	25	71	69	140
5. Dyal Singh College	27	43	70	19	30	49	14	24	38	60	97	157
6. Gargi College (W)	0	65	65	0	60	60	0	48	48	0	173	173
7. Hans Raj College	26	30	56	27	24	51	15	18	33	68	72	140
8. Kalindi College (W)	0	69	69	0	53	53	0	15	15	0	137	137
9. Kirori Mal College	18	24	42	12	13	25	16	9	25	46	46	92
10. Maitreyi College (W)	0	54	54	0	52	52	0	35	35	0	141	141
11. Miranda House (W)	0	35	35	0	40	40	0	22	22	0	97	97
12. Ramjas College	60	12	72	35	6	41	20	8	28	115	26	141
13. S.G.T.B. Khalsa College	21	34	55	11	27	38	3	20	23	35	81	116
14. Shivaji College	42	67	109	46	37	83	29	38	67	117	142	259
15. Sri Aurobindo College	36	42	78	9	33	42	15	17	32	60	92	152
16. Sri Venkateswara College	72	65	137	42	49	91	34	21	55	148	135	283
17. Swami Shraddhanand College	49	47	96	26	16	42	13	8	21	88	71	159
18. Zakir Husain College	29	22	51	28	38	66	16	21	37	73	81	154
Total (Day) :	450	772	1222	323	601	924	220	416	636	993	1789	2782
Grand Total :	450	772	1222	323	601	924	220	416	636	993	1789	2782

B.Sc. Applied Physical Sciences

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	42	23	65	25	19	44	17	17	34	84	59	143
2. Bhagini Nivedita College (W)	0	37	37	0	33	33	0	14	14	0	84	84
3. Deen Dayal Upadhyaya College	0	0	0	19	10	29	23	19	42	42	29	71
4. Deshbandhu College	121	28	149	79	31	110	43	14	57	243	73	316
5. Dyal Singh College	57	37	94	25	26	51	30	20	50	112	83	195
6. Hans Raj College	0	0	0	0	0	0	10	7	17	10	7	17
7. Kalindi College (W)	0	0	0	0	0	0	0	20	20	0	20	20
8. Kirori Mal College	32	6	38	10	6	16	10	14	24	52	26	78
9. Keshav Mahavidyalaya	27	12	39	18	7	25	15	15	30	60	34	94
10. Miranda House (W)	0	40	40	0	50	50	0	30	30	0	120	120
11. Maharaja Agarsen Co-Ed. College	33	22	55	32	14	46	12	7	19	77	43	120
12. Motilal Nehru College	20	7	27	1	0	1	13	7	20	34	14	48
13. Rajdhani College	24	9	33	29	15	44	18	5	23	71	29	100
14. Ramjas College	0	0	0	0	0	0	25	9	34	25	9	34
15. S.G.T.B. Khalsa College	0	0	0	0	0	0	10	3	13	10	3	13
16. Shyam Lal College	0	0	0	0	0	0	19	6	25	19	6	25
17. St. Stephen's College	16	7	23	8	5	13	13	1	14	37	13	50
Total (Day) :	372	228	600	246	216	462	258	208	466	876	652	1528
Grand Total :	372	228	600	246	216	462	258	208	466	876	652	1528

B.Sc. Applied Life Sciences

S.No. College/Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Kalindi College (W)	0	0	0	0	0	0	0	18	18	0	18	18
2. Maitreyi College (W)	0	0	0	0	1	1	0	15	15	0	16	16
3. Ramjas College	36	9	45	0	0	0	20	7	27	56	16	72
4. Swami Shraddhanand College	20	14	34	2	7	9	4	6	10	26	27	53
Grand Total :	56	23	79	2	8	10	24	46	70	82	77	159

B.Sc. (Genl.) Mathematical Sciences

1. Deen Dayal Upadhyaya College	8	26	34	0	0	0	0	0	0	8	26	34
2. Keshav Mahavidyalaya	31	28	59	21	15	36	9	18	27	61	61	122
3. Maharaja Agarsen Co-Ed. College	35	24	59	16	13	29	16	12	28	67	49	116
4. P.G.D.A.V. College	51	16	67	9	2	11	15	5	20	75	23	98
Grand Total :	125	94	219	46	30	76	40	35	75	211	159	370

B.Tech/B.S. (Innov. with Maths & I.T.)

1. Cluster Innovation Centre	25	17	42	0	0	0	0	0	0	25	17	42
Total (Deptt.) (Day) :	25	17	42	0	0	0	0	0	0	25	17	42

B.Sc. (Home Science)

1. Institute of Home Economics (W)	0	199	199	0	152	152	0	80	80	0	431	431
2. Lady Irwin College (W)	0	242	242	0	205	205	0	165	165	0	612	612
Total (Day) :	0	441	441	0	357	357	0	245	245	0	1043	1043

B.Sc. (Phy. Edu. & Health Edu. & Sports Sc.)

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. I.G.Inst. of Phy. Edu. & Sports Sc.	87	24	111	76	29	105	59	29	88	222	82	304
Total (Day) :	87	24	111	76	29	105	59	29	88	222	82	304

Bechelor of Elementary Education

S.No. College	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Aditi Mahavidyalaya (W)	0	49	49	0	55	55	0	45	45	0	25	25	0	0	0	0	174	174
2. Gargi College (W)	0	37	37	0	40	40	0	27	27	0	25	25	0	0	0	0	129	129
3. Institute of Home Economics	0	51	51	0	52	52	0	46	46	0	28	28	0	0	0	0	177	177
4. Jesus & Mary College (W)	0	39	39	0	30	30	0	25	25	0	30	30	0	0	0	0	124	124
5. Lady Shri Ram College (W)	0	35	35	0	28	28	0	32	32	0	21	21	0	0	0	0	116	116
6. Mata Sundri College (W)	0	50	50	0	50	50	0	45	45	0	32	32	0	0	0	0	177	177
7. Miranda House (W)	0	56	56	0	47	47	0	42	42	0	34	34	0	0	0	0	179	179
8. Shyama Prasad Mukherji College	0	53	53	0	52	52	0	44	44	0	33	33	0	0	0	0	182	182
Total (Day):	0	370	370	0	354	354	0	306	306	0	228	228	0	0	0	0	1258	1258

B.Sc. (Hons.)

S.No. College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	249	153	402	222	120	342	103	134	237	0	0	0	574	407	981
2. Acharya Narendra Dev College	235	180	415	174	124	298	98	90	188	0	0	0	507	394	901
3. Ahilya Bai College of Nursing	0	40	40	0	38	38	0	27	27	0	25	25	0	130	130
4. Bhaskaracharya Coll. of App. Sc	246	160	406	148	140	288	50	85	135	0	0	0	444	385	829
5. College of Vocational Studies	44	40	84	23	13	36	13	17	30	0	0	0	80	70	150
6. Daulat Ram College (W)	0	224	224	0	264	264	0	195	195	0	0	0	0	683	683
7. Deen Dayal Upadhyaya College	247	135	382	172	138	310	61	49	110	0	0	0	480	322	802
8. Deshbandhu College	266	123	389	209	115	324	80	64	144	0	0	0	555	302	857
9. Dyal Singh College	246	121	367	148	149	297	81	69	150	0	0	0	475	339	814
10. Gargi College (W)	0	237	237	0	254	254	0	160	160	0	0	0	0	651	651
11. Hans Raj College	277	206	483	313	337	650	247	229	476	0	0	0	837	772	1609
12. Hindu College	182	124	306	132	168	300	143	176	319	0	0	0	457	468	925
13. I.P. College (W)	0	50	50	0	56	56	0	37	37	0	0	0	0	143	143
14. Institute of Home Economics (W)	0	165	165	0	114	114	0	64	64	0	0	0	0	343	343
15. Kalindi College (W)	0	122	122	0	124	124	0	69	69	0	0	0	0	315	315
16. Kirori Mal College	313	237	550	338	160	498	172	144	316	0	0	0	823	541	1364
17. Keshav Mahavidyalaya	137	83	220	109	124	233	74	101	175	0	0	0	320	308	628
18. Lady Irwin College (W)	0	112	112	0	102	102	0	81	81	0	0	0	0	295	295
19. Lady Shri Ram College (W)	0	42	42	0	35	35	0	26	26	0	0	0	0	103	103
20. Lakshmibai College (W)	0	46	46	0	57	57	0	24	24	0	0	0	0	127	127
21. Maitreyi College (W)	0	180	180	0	242	242	0	130	130	0	0	0	0	552	552
22. Miranda House (W)	0	351	351	0	380	380	0	259	259	0	0	0	0	990	990
23. Moti Lal Nehru College	127	80	207	136	77	213	54	49	103	0	0	0	317	206	523
24. Maharaja Agarsen Co-Ed. College	23	12	35	26	7	33	5	5	10	0	0	0	54	24	78
25. P.G.D.A.V. College	153	54	207	35	13	48	32	6	38	0	0	0	220	73	293
26. R.A.K. College of Nursing (W)	0	61	61	0	67	67	0	58	58	0	51	51	0	237	237
27. Rajdhani College	307	143	450	173	79	252	76	44	120	0	0	0	556	266	822
28. Ram Lal Anand College	128	66	194	87	56	143	55	60	115	0	0	0	270	182	452

S.No. College/Department	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
29. Ramjas College	657	89	746	262	59	321	341	72	413	0	0	0	1260	220	1480
30. S.R.G. College of App. Scs.	0	207	207	0	180	180	0	53	53	0	0	0	0	440	440
31. S.S. College of Business St.	19	17	36	32	21	53	15	11	26	0	0	0	66	49	115
32. S.G.T.B. Khalsa College	171	117	288	131	129	260	79	110	189	0	0	0	381	356	737
33. Shaheed Bhagat Singh College	28	21	49	26	9	35	10	3	13	0	0	0	64	33	97
34. Shivaji College	239	98	337	228	136	364	83	68	151	0	0	0	550	302	852
35. Shyama Prasad Mukherji Coll. (W)	0	88	88	0	78	78	0	48	48	0	0	0	0	214	214
36. Sri Aurobindo College	63	6	69	24	9	33	8	3	11	0	0	0	95	18	113
37. Sri G.G.S. College of Com.	23	43	66	29	24	53	15	18	33	0	0	0	67	85	152
38. Sri Venkateswara College	198	241	439	221	290	511	150	282	432	0	0	0	569	813	1382
39. St. Stephen's College	87	70	157	58	77	135	58	71	129	0	0	0	203	218	421
40. Swami Shradhanand College	125	79	204	57	41	98	27	24	51	0	0	0	209	144	353
41. Zakir Husain College	182	73	255	156	61	217	118	51	169	0	0	0	456	185	641
Total (Day) :	4972	4696	9668	3669	4667	8336	2248	3266	5514	0	76	76	10889	12705	23594
42. P.G.D.A.V. College (Eve.)	51	5	56	35	4	39	5	1	6	0	0	0	91	10	101
Total (Eve) :	51	5	56	35	4	39	5	1	6	0	0	0	91	10	101
Total (Day + Eve) :	5023	4701	9724	3704	4671	8375	2253	3267	5520	0	76	76	10980	12715	23695
43. Deptt. of Geology	0	0	0	17	3	20	0	0	0	0	0	0	17	3	20
Total (Deptt./Centre) :	0	0	0	17	3	20	0	0	0	0	0	0	17	3	20
Total (Regular) :	5023	4701	9724	3721	4674	8395	2253	3267	5520	0	76	76	10997	12718	23715
Grand Total :	5023	4701	9724	3721	4674	8395	2253	3267	5520	0	76	76	10997	12718	23715

B.Sc. (Hons.) Course-wise

S.No. Course	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Anthropology	15	16	31	13	13	26	2	0	2	0	0	0	30	29	59
2. Applied Zoology	0	0	0	0	0	0	9	15	24	0	0	0	9	15	24
3. Botany	331	474	805	178	361	539	152	277	429	0	0	0	661	1112	1773
4. Bio-Chemistry	40	106	146	19	93	112	17	87	104	0	0	0	76	286	362
5. Bio-Medical Sciences	33	86	119	20	86	106	21	69	90	0	0	0	74	241	315
6. Biological Science	15	26	41	7	19	26	2	22	24	0	0	0	24	67	91
7. Computer Science	508	504	1012	277	431	708	187	342	529	0	0	0	972	1277	2249
8. Chemistry	833	658	1491	655	1025	1680	470	720	1190	0	0	0	1958	2403	4361
9. Electronics	372	137	509	328	142	470	168	84	252	0	0	0	868	363	1231
10. Food Technology	24	82	106	14	44	58	0	0	0	0	0	0	38	126	164
11. Geology	26	6	32	50	26	76	56	21	77	0	0	0	132	53	185
12. Home Science	0	212	212	0	159	159	0	112	112	0	0	0	0	483	483
13. Instrumentation	43	47	90	19	41	60	0	0	0	0	0	0	62	88	150
14. Mathematics	1033	880	1913	750	700	1450	324	488	812	0	0	0	2107	2068	4175
15. Micro-Biology	36	135	171	29	95	124	11	71	82	0	0	0	76	301	377
16. Nursing	0	101	101	0	105	105	0	85	85	0	76	76	0	367	367
17. Physics	1109	535	1644	1060	838	1898	592	494	1086	0	0	0	2761	1867	4628
18. Polymer Science	43	23	66	16	13	29	16	12	28	0	0	0	75	48	123
19. Statistics	256	183	439	109	110	219	108	107	215	0	0	0	473	400	873
20. Zoology	280	484	764	160	370	530	118	261	379	0	0	0	558	1115	1673
21. 5 Yr Int. M.Sc. Earth Sc.	26	6	32	17	3	20	0	0	0	0	0	0	43	9	52
Total :	5023	4701	9724	3721	4674	8395	2253	3267	5520	0	76	76	10997	12718	23715

B.Sc. (Hons.) Mathematics

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	60	36	96	53	32	85	26	40	66	139	108	247
2. Acharya Narendra Dev College	36	24	60	34	11	45	2	15	17	72	50	122
3. Daulat Ram College (W)	0	53	53	0	53	53	0	39	39	0	145	145
4. Deen Dayal Upadhyaya College	53	25	78	45	26	71	10	11	21	108	62	170
5. Deshbandhu College	89	31	120	52	20	72	11	6	17	152	57	209
6. Dyal Singh College	113	53	166	55	35	90	22	12	34	190	100	290
7. Hans Raj College	30	27	57	34	38	72	16	20	36	80	85	165
8. Hindu College	30	12	42	27	14	41	7	22	29	64	48	112
9. Kalindi College (W)	0	34	34	0	30	30	0	14	14	0	78	78
10. Kirori Mal College	51	41	92	28	21	49	18	16	34	97	78	175
11. Keshav Mahavidyalaya	26	24	50	19	44	63	9	18	27	54	86	140
12. Lakshmbai College (W)	0	46	46	0	57	57	0	24	24	0	127	127
13. Maitreyi College (W)	0	45	45	0	44	44	0	37	37	0	126	126
14. Miranda House (W)	0	128	128	0	70	70	0	52	52	0	250	250
15. Motilal Nehru College	53	32	85	45	15	60	18	10	28	116	57	173
16. Rajdhani College	85	55	140	42	5	47	14	9	23	141	69	210
17. Ramjas College	55	11	66	59	4	63	55	11	66	169	26	195
18. S.G.T.B. Khalsa College	33	17	50	16	16	32	6	15	21	55	48	103
19. Shaheed Bhagat Singh College	28	21	49	26	9	35	10	3	13	64	33	97
20. Shivaji College	85	11	96	78	40	118	19	4	23	182	55	237
21. Shyama Prasad Mukherji College(W)	0	44	44	0	31	31	0	19	19	0	94	94
22 Sri Venkateswara College	61	61	122	48	47	95	25	57	82	134	165	299
23. St. Stephen's College	30	25	55	27	22	49	21	22	43	78	69	147
24. Zakir Husain College	64	19	83	27	12	39	30	11	41	121	42	163
Total (Day) :	982	875	1857	715	696	1411	319	487	806	2016	2058	4074
25. P.G.D.A.V. College (Eve.)	51	5	56	35	4	39	5	1	6	91	10	101
Grand Total :	1033	880	1913	750	700	1450	324	488	812	2107	2068	4175

B.Sc. (Hons.) Statistics

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Hindu College	18	18	36	11	12	23	8	13	21	37	43	80
2. Kirori Mal College	41	49	90	14	10	24	10	12	22	65	71	136
3. Lady Shri Ram College (W)	0	42	42	0	35	35	0	26	26	0	103	103
4. P.G.D.A.V. College	49	19	68	12	6	18	10	4	14	71	29	100
5. Ram Lal Anand College	24	15	39	19	11	30	12	11	23	55	37	92
6. Ramjas College	99	17	116	20	6	26	48	5	53	167	28	195
7. Sri Venkateswara College	25	23	48	33	30	63	20	36	56	78	89	167
Grand Total :	256	183	439	109	110	219	108	107	215	473	400	873

B.Sc. (Hons.) Computer Science

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	36	25	61	7	22	29	10	18	28	53	65	118
2. Acharya Narendra Dev College	42	11	53	21	15	36	26	11	37	89	37	126
3. Bhaskaracharya College of Applied Sciences	32	21	53	28	21	49	7	26	33	67	68	135
4. College of Vocational Studies	44	40	84	23	13	36	13	17	30	80	70	150
5. Deen Dayal Upadhyaya College	34	30	64	19	14	33	11	20	31	64	64	128
6. Hans Raj College	43	31	74	27	33	60	15	27	42	85	91	176
7. I.P. College (W)	0	50	50	0	56	56	0	37	37	0	143	143
8. Kalindi College (W)	0	50	50	0	34	34	0	29	29	0	113	113
9. Keshav Mahavidyalaya	63	28	91	34	44	78	32	51	83	129	123	252
10. P.G.D.A.V. College	104	35	139	23	7	30	22	2	24	149	44	193
11. Ram Lal Anand College	68	24	92	34	22	56	21	19	40	123	65	188
12. Shaheed Rajguru College of Applied Sciences	0	55	55	0	58	58	0	27	27	0	140	140
13. Shaheed Sukhdev College of Business Studies	19	17	36	32	21	53	15	11	26	66	49	115
14. Shyama Prasad Mukherji College (W)	0	44	44	0	47	47	0	29	29	0	120	120
15. Sri Guru Gobind Singh College of Commerce	23	43	66	29	24	53	15	18	33	67	85	152
Grand Total :	508	504	1012	277	431	708	187	342	529	972	1277	2249

B.Sc. (Hons.) Anthropology

S.No. College/Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Hans Raj College	15	16	31	13	13	26	2	0	2	30	29	59
Total (Day) :	15	16	31	13	13	26	2	0	2	30	29	59

B.Sc. (Hons.) Applied Zoology

1. Dyal Singh College	0	0	0	0	0	0	9	15	24	9	15	24
Total (Day) :	0	0	0	0	0	0	9	15	24	9	15	24

B.Sc. (Hons.) Botany

1. Acharya Narendra Dev College	15	42	57	13	18	31	14	11	25	42	71	113
2. Daulat Ram College (W)	0	57	57	0	35	35	0	36	36	0	128	128
3. Deen Dayal Upadhyaya College	23	11	34	10	11	21	0	0	0	33	22	55
4. Deshbandhu College	47	31	78	16	22	38	12	20	32	75	73	148
5. Dyal Singh College	19	29	48	12	13	25	8	14	22	39	56	95
6. Gargi College (W)	0	54	54	0	48	48	0	29	29	0	131	131
7. Hans Raj College	37	33	70	24	25	49	23	20	43	84	78	162
8. Hindu College	30	26	56	5	21	26	10	6	16	45	53	98
9. Kirori Mal College	34	22	56	16	17	33	11	16	27	61	55	116
10. Maitreyi College (W)	0	27	27	0	24	24	0	19	19	0	70	70
11. Miranda House (W)	0	34	34	0	37	37	0	33	33	0	104	104

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
12. Ramjas College	38	6	44	18	8	26	22	10	32	78	24	102
13. S.G.T.B. Khalsa College	18	31	49	11	27	38	11	19	30	40	77	117
14. Shivaji College	15	20	35	15	14	29	10	14	24	40	48	88
15. Sri Venkateswara College	13	20	33	13	23	36	8	19	27	34	62	96
16. Swami Shraddhanand College	27	17	44	11	8	19	7	1	8	45	26	71
17. Zakir Husain College	15	14	29	14	10	24	16	10	26	45	34	79
Total (Day) :	331	474	805	178	361	539	152	277	429	661	1112	1773

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B.Sc.(Hons.) Chemistry

1. A.R.S.D. College	46	52	98	57	33	90	35	50	85	138	135	273
2. Acharya Narendra Dev College	33	17	50	23	17	40	14	18	32	70	52	122
3. Daulat Ram College (W)	0	38	38	0	116	116	0	51	51	0	205	205
4. Deen Dayal Upadhyaya College	32	25	57	24	29	53	0	0	0	56	54	110
5. Deshbandhu College	22	14	36	44	23	67	16	13	29	82	50	132
6. Dyal Singh College	18	14	32	24	31	55	15	19	34	57	64	121
7. Gargi College (W)	0	31	31	0	74	74	0	45	45	0	150	150
8. Hans Raj College	37	38	75	78	116	194	55	74	129	170	228	398
9. Hindu College	41	28	69	39	78	117	46	67	113	126	173	299
10. Kirori Mal College	92	64	156	105	52	157	52	53	105	249	169	418
11. Maitreyi College (W)	0	39	39	0	79	79	0	26	26	0	144	144
12. Miranda House (W)	0	74	74	0	121	121	0	71	71	0	266	266
13. Moti Lal Nehru College	21	29	50	19	25	44	10	21	31	50	75	125

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
14. Rajdhani College	55	39	94	25	46	71	24	25	49	104	110	214
15. Ramjas College	240	23	263	45	10	55	97	23	120	382	56	438
16. S.G.T.B. Khalsa College	30	28	58	19	18	37	15	22	37	64	68	132
17. Shivaji College	51	21	72	43	21	64	12	20	32	106	62	168
18. Sri Venkateswara College	31	30	61	50	80	130	33	74	107	114	184	298
19. St. Stephen's College	20	28	48	5	31	36	14	30	44	39	89	128
20. Zakir Husain College	64	26	90	55	25	80	32	18	50	151	69	220
Total (Day) :	833	658	1491	655	1025	1680	470	720	1190	1958	2403	4361

B.Sc. (Hons.) Geology

1. Hans Raj College	0	0	0	28	16	44	39	9	48	67	25	92
2. Ram Lal Anand College	26	6	32	22	10	32	17	12	29	65	28	93
Total (Day) :	26	6	32	50	26	76	56	21	77	132	53	185

B.Sc. (Hons.) Home Science

1. Institute of Home Economics (W)	0	100	100	0	57	57	0	31	31	0	188	188
2. Lady Irwin College (W)	0	112	112	0	102	102	0	81	81	0	295	295
Total (Day) :	0	212	212	0	159	159	0	112	112	0	483	483

B.Sc. (Hons.) Nursing

S.No. College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Ahilya Bai College of Nursing	0	40	40	0	38	38	0	27	27	0	25	25	0	130	130
2. R.A.K. College of Nursing (W)	0	61	61	0	67	67	0	58	58	0	51	51	0	237	237
Total (Day) :	0	101	101	0	105	105	0	85	85	0	76	76	0	367	367

Five Year Int. M.Sc. Earth Sc.

S.No. College/Deptt.	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Hans Raj College	26	6	32	0	0	0	0	0	0	26	6	32
Total (Day):	26	6	32	0	0	0	0	0	0	26	6	32
2. Deptt. of Geology	0	0	0	17	3	20	0	0	0	17	3	20
Total (Deptt) Day:	0	0	0	17	3	20	0	0	0	17	3	20
Grand Total :	26	6	32	17	3	20	0	0	0	43	9	52

B.Sc. (Hons.) Physics

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	72	33	105	85	21	106	23	19	42	180	73	253
2. Acharya Narendra Dev College	40	17	57	35	14	49	11	6	17	86	37	123
3. Bhaskaracharya College of Applied Scs.	32	6	38	23	22	45	13	9	22	68	37	105
4. Deen Dayal Upadhyaya College	60	15	75	30	19	49	24	12	36	114	46	160
5. Deshbandhu College	59	8	67	70	26	96	21	2	23	150	36	186
6. Dyal Singh College	75	15	90	54	60	114	27	9	36	156	84	240
7. Gargi College (W)	0	38	38	0	71	71	0	38	38	0	147	147
8. Hans Raj College	47	16	63	69	57	126	56	46	102	172	119	291
9. Hindu College	48	16	64	38	32	70	65	51	116	151	99	250
10. Kalindi College (W)	0	38	38	0	60	60	0	26	26	0	124	124
11. Kirori Mal College	75	36	111	169	44	213	69	33	102	313	113	426
12. Keshav Mahavidyalaya	26	15	41	37	23	60	14	18	32	77	56	133
13. Maitreyi College (W)	0	43	43	0	55	55	0	31	31	0	129	129
14. Miranda House (W)	0	86	86	0	128	128	0	75	75	0	289	289
15. Moti Lal Nehru College	53	19	72	72	37	109	26	18	44	151	74	225
16. Rajdhani College	120	38	158	64	15	79	24	8	32	208	61	269
17. Ramjas College	185	19	204	100	24	124	101	16	117	386	59	445
18. S.G.T.B. Khalsa College	51	13	64	48	28	76	31	19	50	130	60	190
19. Shivaji College	54	14	68	70	21	91	26	12	38	150	47	197
20. Sri Venkateswara College	19	15	34	31	39	70	25	23	48	75	77	152
21. St. Stephen's College	37	17	54	26	24	50	23	19	42	86	60	146
22. Swami Shraddhanand College	56	18	74	39	18	57	13	4	17	108	40	148
Total (Day):	1109	535	1644	1060	838	1898	592	494	1086	2761	1867	4628

B.Sc. (Hons.) Zoology

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Acharya Narendra Dev College	21	32	53	13	17	30	4	8	12	38	57	95
2. Daulat Ram College (W)	0	57	57	0	33	33	0	40	40	0	130	130
3. Deen Dayal Upadhyaya College	13	24	37	6	24	30	0	0	0	19	48	67
4. Deshbandhu College	32	31	63	21	14	35	13	14	27	66	59	125
5. Dayal Singh College	21	10	31	3	10	13	0	0	0	24	20	44
6. Gargi College (W)	0	82	82	0	36	36	0	31	31	0	149	149
7. Hans Raj College	23	30	53	18	32	50	18	16	34	59	78	137
8. Hindu College	15	24	39	12	11	23	7	17	24	34	52	86
9. Kirori Mal College	20	25	45	6	16	22	12	14	26	38	55	93
10. Maitreyi College (W)	0	26	26	0	40	40	0	17	17	0	83	83
11. Miranda House (W)	0	29	29	0	24	24	0	28	28	0	81	81
12. Ramjas College	40	13	53	20	7	27	18	7	25	78	27	105
13. S.G.T.B. Khalsa College	27	23	50	16	36	52	10	26	36	53	85	138
14. Shivaji College	16	12	28	16	31	47	10	10	20	42	53	95
15. Sri Venkateswara College	12	28	40	8	19	27	4	17	21	24	64	88
16. Swami Shraddhanand College	26	24	50	1	8	9	3	9	12	30	41	71
17. Zakir Husain College	14	14	28	20	12	32	19	7	26	53	33	86
Total (Day) :	280	484	764	160	370	530	118	261	379	558	1115	1673
Grand Total :	280	484	764	160	370	530	118	261	379	558	1115	1673

B.Sc. (Hons.) Polymer Science

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Bhaskaracharya College of Applied Scs.	43	23	66	16	13	29	16	12	28	75	48	123
Total (Day) :	43	23	66	16	13	29	16	12	28	75	48	123

B.Sc. (Hons.) Bio-Chemistry

1. Daulat Ram College (W)	0	19	19	0	27	27	0	29	29	0	75	75
2. Deshbandhu College	17	8	25	6	10	16	7	9	16	30	27	57
3. Institute of Home Economics (W)	0	28	28	0	24	24	0	18	18	0	70	70
4. Shivaji College	18	20	38	6	9	15	6	8	14	30	37	67
5. Sri Venkateswara College	5	31	36	7	23	30	4	23	27	16	77	93
Total (Day) :	40	106	146	19	93	112	17	87	104	76	286	362

B.Sc. (Hons.) Electronics

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	35	7	42	20	12	32	9	7	16	64	26	90
2. Acharya Narendra Dev College	32	8	40	27	3	30	18	5	23	77	16	93
3. Bhaskaracharya College of Applied Scs.	45	16	61	25	14	39	0	0	0	70	30	100
4. Deen Dayal Upadhyaya College	32	5	37	38	15	53	16	6	22	86	26	112
5. Hans Raj College	19	9	28	22	7	29	23	17	40	64	33	97
6. Keshav Mahavidyalaya	22	16	38	19	13	32	19	14	33	60	43	103
7. Maharaja Agrasen College	23	12	35	26	7	33	5	5	10	54	24	78
8. Rajdhani College	47	11	58	42	13	55	14	2	16	103	26	129
9. Shaheed Rajguru Coll. of App. Scs	0	35	35	0	33	33	0	0	0	0	68	68
10. S.G.T.B. Khalsa College	12	5	17	21	4	25	6	9	15	39	18	57
11. Sri Aurobindo College	63	6	69	24	9	33	8	3	11	95	18	113
12. Sri Venkateswara College	17	7	24	24	10	34	29	11	40	70	28	98
13. Zakir Husain College	25	0	25	40	2	42	21	5	26	86	7	93
Total (Day) :	372	137	509	328	142	470	168	84	252	868	363	1231

B.Sc. (Hons.) Micro-biology

1. Bhaskaracharya College of Applied Scs.	10	25	35	11	17	28	2	11	13	23	53	76
2. Gargi College (W)	0	32	32	0	25	25	0	17	17	0	74	74
3. Institute of Home Economics (W)	0	37	37	0	33	33	0	15	15	0	85	85
4. Ram Lal Anand College	10	21	31	12	13	25	5	18	23	27	52	79
5. Swami Shraddhanand College	16	20	36	6	7	13	4	10	14	26	37	63
Total (Day) :	36	135	171	29	95	124	11	71	82	76	301	377

B.Sc. (Hons.) Bio-Medical Sciences

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Acharya Narendra Dev College	16	29	45	8	29	37	9	16	25	33	74	107
2. Bhaskaracharya College of Applied Scs.	17	27	44	12	23	35	12	27	39	41	77	118
3. Shaheed Rajuru Coll. of App. Scs	0	30	30	0	34	34	0	26	26	0	90	90
Total (Day) :	33	86	119	20	86	106	21	69	90	74	241	315

B.Sc. (Hons.) Biological Science

1. Sri Venkateswara College	15	26	41	7	19	26	2	22	24	24	67	91
Total (Day) :	15	26	41	7	19	26	2	22	24	24	67	91

B.Sc. (Hons.) Food Technology

1. Bhaskaracharya College of App. Scs.	24	30	54	14	19	33	0	0	0	38	49	87
2. Shaheed Raj Guru College of App.Scs	0	52	52	0	25	25	0	0	0	0	77	77
Total (Day) :	24	82	106	14	44	58	0	0	0	38	126	164

B.Sc. (Hons.) Instrumentation

1. Bhaskaracharya College of App. Scs.	43	12	55	19	11	30	0	0	0	62	23	85
2. Shaheed Raj Guru College of App.Scs	0	35	35	0	30	30	0	0	0	0	65	65
Total (Day) :	43	47	90	19	41	60	0	0	0	62	88	150

B.P.O. (Bachelor of Prosthetics & Orthotics)

S.No. College	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Pt. D. D. Instt. for Phy.	6	8	14	9	5	14	4	6	10	5	9	14	4	12	16	28	40	68
Total (Day) :	6	8	14	9	5	14	4	6	10	5	9	14	4	12	16	28	40	68

B.O.T. (Bachelor of Occupational Therapy)

1. Pt. D. D. Instt. for Phy.	10	30	40	7	29	36	3	30	33	7	23	30	6	30	36	33	142	175
Total (Day) :	10	30	40	7	29	36	3	30	33	7	23	30	6	30	36	33	142	175

B.P.T. (Bachelor of Physiotherapy)

1. Amar Jyoti Instt. of Phy.	5	20	25	7	16	23	3	18	21	2	28	30	3	20	23	20	102	122
2. Pt. D. D. Instt. for Phy.	16	36	52	19	39	58	13	39	52	11	24	35	11	22	33	70	160	230
Total (Day) :	21	56	77	26	55	81	16	57	73	13	52	65	14	42	56	90	262	352

Bachelor of Applied Sc. (Hons.) - Electronics

S.No. College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Bhaskaracharya College of Applied Scs.	0	0	0	0	0	0	11	14	25	11	14	25
2. Shaheed RajGuru College of Applied Scs.	0	0	0	0	0	0	0	25	25	0	25	25
Total (Day) :	0	0	0	0	0	0	11	39	50	11	39	50

Bachelor of Applied Sc. (Hons.) - Food Technology

1. Bhaskaracharya College of Applied Scs.	0	0	0	0	0	0	11	16	27	11	16	27
2. Shaheed RajGuru College of Applied Scs.	0	0	0	0	0	0	0	28	28	0	28	28
Total (Day) :	0	0	0	0	0	0	11	44	55	11	44	55

Bachelor of Applied Sc. (Hons.) - Instrumentation

1. Bhaskaracharya College of Applied Scs.	0	0	0	0	0	0	2	5	7	2	5	7
2. Shaheed RajGuru College of Applied Scs.	0	0	0	0	0	0	0	21	21	0	21	21
Total (Day) :	0	0	0	0	0	0	2	26	28	2	26	28

B.Pharma

S.No. College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Delhi Instt. of Pharmaceutical Sciences and Research	34	23	57	28	50	78	16	45	61	25	41	66	103	159	262
Total :	34	23	57	28	50	78	16	45	61	25	41	66	103	159	262

B.Sc. (Medical Tech.) - Radiography

1. U.C.M.S. & G.T.B.Hospital	8	7	15	11	4	15	8	7	15	0	0	0	27	18	45
Total :	8	7	15	11	4	15	8	7	15	0	0	0	27	18	45

B.F.A. (Bachelor of Fine Art)

1. College of Art	113	95	208	109	94	203	84	96	180	55	65	120	361	350	711
Total :	113	95	208	109	94	203	84	96	180	55	65	120	361	350	711

Bachelor of Ayurvedic Medicine & Surgery (B.A.M.S.)

S.No. College	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. A & U Tibbia College	0	0	0	8	33	41	13	27	40	6	29	35	15	27	42	42	116	158
Total :	0	0	0	8	33	41	13	27	40	6	29	35	15	27	42	42	116	158

Bachelor of Unani Medicine & Surgery (B.U.M.S.)

1. A & U Tibbia College	11	23	34	5	28	33	12	28	40	9	32	41	13	27	40	50	138	188
Total :	11	23	34	5	28	33	12	28	40	9	32	41	13	27	40	50	138	188

Bachelor of Homoeopathic System of Medicine and Surgery (B.H.M.S.)

1. N.H. Med. Col. & Hosp. 39	156	195	13	73	86	12	81	93	13	72	85	13	78	91	90	460	550	
Total :	39	156	195	13	73	86	12	81	93	13	72	85	13	78	91	90	460	550

Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.)

1. L.H.M. College (W)	0	213	213	0	162	162	0	148	148	0	154	154	0	259	259	0	936	936
2. M. A. M. College	151	99	250	120	80	200	108	72	180	126	55	181	114	65	179	619	371	990
3. U.C.M.S.&G.T.B.Hosp. 122	28	150	108	108	22	130	127	32	159	80	11	91	100	10	110	537	103	640
Total (Day) :	273	340	613	228	264	492	235	252	487	206	220	426	214	334	548	1156	1410	2566

Bachelor of Dental Surgery (B.D.S.)

S.No. College	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. M.A.M.C.	15	25	40	10	10	20	6	15	21	8	17	25	14	16	30	53	83	136
Total :	15	25	40	10	10	20	6	15	21	8	17	25	14	16	30	53	83	136

Bachelor of Engineering (Course-wise) (B.E.)

S.No. Course	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Bio-Technology	6	7	13	12	8	20	10	7	17	24	15	39	52	37	89
2. Civil Engg.	0	0	0	0	0	0	0	0	0	57	11	68	57	11	68
3. Computer Engg.	135	30	165	131	20	151	101	29	130	174	36	210	541	115	656
4. Electrical Engg.	0	0	0	0	0	0	0	0	0	67	26	93	67	26	93
5. Electronics & Commu.	132	33	165	121	28	149	102	29	131	205	43	248	560	133	693
6. Environmental Engg.	0	0	0	0	0	0	0	0	0	10	9	19	10	9	19
7. Instrum.&Control Engg.	124	22	146	124	23	147	98	30	128	103	18	121	449	93	542
8. Information Technology	69	13	82	57	17	74	43	21	64	83	35	118	252	86	338
9. Mechanical Engg.	0	0	0	0	0	0	0	0	0	118	1	119	118	1	119
10. Manufacture Process and Automa.	67	8	75	69	5	74	56	8	64	53	7	60	245	28	273
11. Production & Ind. Engg.	0	0	0	0	0	0	0	0	0	25	5	30	25	5	30
12. Polymer Sc. & Chem. Tech.	0	0	0	0	0	0	0	0	0	32	7	39	32	7	39
Total :	533	113	646	514	101	615	410	124	534	951	213	1164	2408	551	2959

Bachelor of Technology (Subject-wise) Part-time

S.No. Course	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Civil Engg. (PT)	0	0	0	0	0	0	0	0	0	28	2	30	28	2	30
2. Electrical (PT)	0	0	0	0	0	0	0	0	0	28	2	30	28	2	30
3. Electronics & Comm. (PT)	0	0	0	0	0	0	0	0	0	29	1	30	29	1	30
4. Mechanical Engg. (PT)	0	0	0	0	0	0	0	0	0	30	0	30	30	0	30
Total :	0	0	0	0	0	0	0	0	0	115	5	120	115	5	120

Bachelor of Library and Information Science (B.Lib.Sc.)

S.No. Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Library & Information Science	19	31	50	0	0	0	0	0	0	19	31	50
Total :	19	31	50	0	0	0	0	0	0	19	31	50

Master of Library & Information Science (M.Lib.Sc.)

1. Library & Informatin Science	21	20	41	0	0	0	0	0	0	21	20	41
Total :	21	20	41	0	0	0	0	0	0	21	20	41

Master of Arts (M.A.)

S.No. College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	28	23	51	25	25	50	53	48	101
2. Bharati College (W)	0	14	14	0	11	11	0	25	25
3. Daulat Ram College (W)	0	144	144	0	152	152	0	296	296
4. Deshbandhu College	10	10	20	19	8	27	29	18	47
5. Dyal Singh College	4	2	6	1	0	1	5	2	7
6. Gargi College (W)	0	23	23	0	21	21	0	44	44
7. Hans Raj College	60	53	113	41	41	82	101	94	195
8. Hindu College	80	101	181	71	72	143	151	173	324
9. I.P. College (W)	0	119	119	0	98	98	0	217	217
10. Janki Devi Memorial College (W)	0	35	35	0	36	36	0	71	71
11. Jesus & Mary College (W)	0	59	59	0	33	33	0	92	92
12. Kalindi College (W)	0	13	13	0	17	17	0	30	30
13. Kamala Nehru College (W)	0	48	48	0	57	57	0	105	105
14. Kirori Mal College	100	55	155	72	69	141	172	124	296
15. Lady Shri Ram College (W)	0	84	84	0	80	80	0	164	164
16. Lakshmibai College (W)	0	26	26	0	15	15	0	41	41
17. Maitreyi College (W)	0	15	15	0	17	17	0	32	32
18. Mata Sundri College (W)	0	12	12	0	15	15	0	27	27
19. Miranda House (W)	0	127	127	0	88	88	0	215	215
20. Moti Lal Nehru College	30	19	49	12	12	24	42	31	73
21. P.G.D.A.V. College	18	1	19	5	8	13	23	9	32
22. Rajdhani College	20	6	26	13	6	19	33	12	45
23. Ram Lal Anand College	4	5	9	1	4	5	5	9	14
24. Ramjas College	122	59	181	105	33	138	227	92	319
25. S.G.T.B. Khalsa College	24	14	38	10	20	30	34	34	68

S.No. College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
26. Satyawati College	13	3	16	7	3	10	20	6	26
27. Shivaji College	21	1	22	10	2	12	31	3	34
28. Shyam Lal College	5	6	11	6	8	14	11	14	25
29. Shyama Prasad Mukherji College(W)	0	21	21	0	14	14	0	35	35
30. Sri Aurobindo College	9	4	13	3	9	12	12	13	25
31. Sri Venkateswara College	15	29	44	37	34	71	52	63	115
32. St. Stephen's College	25	31	56	18	29	47	43	60	103
33. Swami Shraddhanand College	11	7	18	6	7	13	17	14	31
34. Sri Guru Nanak Dev Khalsa College	0	0	0	1	1	2	1	1	2
35. Vivekananda College (W)	0	14	14	0	21	21	0	35	35
36. Zakir Husain College	98	36	134	105	60	165	203	96	299
Total (Day) :	697	1219	1916	568	1126	1694	1265	2345	3610
37. Zakir Husain P.G. College (Eve.)	1	3	4	2	9	11	3	12	15
Total (Eve) :	1	3	4	2	9	11	3	12	15
Total (Day + Eve) :	698	1222	1920	570	1135	1705	1268	2357	3625

S.No. College/Department	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
38. Buddhist Studies	63	17	80	55	17	72	118	34	152
39. Environmental Studies	6	5	11	2	3	5	8	8	16
40. East Asian Studies	13	13	26	8	13	21	21	26	47
41. Economics	82	82	164	46	58	104	128	140	268
42. Germanic & Romance Studies	17	47	64	12	50	62	29	97	126
43. Geography	37	38	75	33	26	59	70	64	134
44. History (SDC)	6	12	18	11	14	25	17	26	43
45. Linguistics	10	12	22	5	19	24	15	31	46
46. Modern Indian Language	14	0	14	18	0	18	32	0	32
47. Persian	3	4	7	2	0	2	5	4	9
48. Philosophy (SDC)	6	0	6	2	1	3	8	1	9
49. Psychology (SDC)	4	8	12	3	19	22	7	27	34
50. Slavonic & Finno-Ugrian Studies	7	6	13	9	8	17	16	14	30
51. Social Work	44	47	91	26	43	69	70	90	160
52. Sociology	28	54	82	18	55	73	46	109	155
53. Urdu	30	23	53	23	17	40	53	40	93
Total (Deptt./Centre) :	370	368	738	273	343	616	643	711	1354
Total (Regular) :	1068	1590	2658	843	1478	2321	1911	3068	4979
54. Non-Collegiate Women's Edu. Board	0	233	233	0	183	183	0	416	416
55. School of Open Learning	193	538	731	78	332	410	271	870	1141
Total (Non-formal) :	193	771	964	78	515	593	271	1286	1557
Grand Total :	1261	2361	3622	921	1993	2914	2182	4354	6536

Master of Arts (M.A.) Course-wise

S.No. Course	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Applied Psychology	4	8	12	3	19	22	7	27	34
2. Arabic	23	2	25	29	1	30	52	3	55
3. Bengali	5	0	5	9	0	9	14	0	14
4. Buddhist Studies	63	17	80	55	17	72	118	34	152
5. Comparative Indian Literature	9	0	9	9	0	9	18	0	18
6. English	79	247	326	64	201	265	143	448	591
7. Economics	82	82	164	46	58	104	128	140	268
8. East Asian Studies	11	12	23	5	9	14	16	21	37
9. Environmental Studies	6	5	11	2	3	5	8	8	16
10. French	5	17	22	2	19	21	7	36	43
11. German	1	18	19	2	16	18	3	34	37
12. Geography	37	38	75	33	26	59	70	64	134
13. Hindi	139	229	368	108	269	377	247	498	745
14. Hispanic	5	12	17	4	12	16	9	24	33
15. History	119	132	251	125	161	286	244	293	537
16. Italian	6	0	6	4	3	7	10	3	13
17. Japanese	2	1	3	3	4	7	5	5	10
18. Linguistics	10	12	22	5	19	24	15	31	46
19. Mathematics	18	86	104	15	71	86	33	157	190
20. Music	10	20	30	9	19	28	19	39	58
21. Operational Research	0	1	1	0	0	0	0	1	1
22. Persian	3	4	7	2	0	2	5	4	9
23. Philosophy	56	95	151	31	51	82	87	146	233
24. Psychology	8	89	97	5	102	107	13	191	204
25. Punjabi	4	12	16	4	9	13	8	21	29
26. Political Science	169	239	408	122	188	310	291	427	718
27. Russian	7	6	13	9	8	17	16	14	30
28. Sanskrit	76	78	154	61	67	128	137	145	282
29. Social Work	44	47	91	26	43	69	70	90	160
30. Sociology	28	54	82	18	55	73	46	109	155
31. Urdu	39	27	66	33	28	61	72	55	127
Total :	1068	1590	2658	843	1478	2321	1911	3068	4979

M.A. (Applied Psychology)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Deptt. of Psychology (SDC)	4	8	12	3	19	22	7	27	34
Total :	4	8	12	3	19	22	7	27	34

M.A. (Arabic)

1. Zakir Husain College	23	2	25	29	1	30	52	3	55
Total :	23	2	25	29	1	30	52	3	55

M.A. (Bengali)

1. Deptt. of Modern Indian Language	5	0	5	9	0	9	14	0	14
Total :	5	0	5	9	0	9	14	0	14

M.A. (Buddhist Studies)

1. Deptt. of Buddhist Studies	63	17	80	55	17	72	118	34	152
Total :	63	17	80	55	17	72	118	34	152

M.A. (English)

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	7	6	13	6	5	11	13	11	24
2. Daulat Ram College (W)	0	12	12	0	14	14	0	26	26
3. Deshbandhu College	4	1	5	3	0	3	7	1	8
4. Dyal Singh College	3	1	4	1	0	1	4	1	5
5. Gargi College (W)	0	9	9	0	14	14	0	23	23
6. Hans Raj College	10	25	35	8	12	20	18	37	55
7. Hindu College	9	21	30	12	15	27	21	36	57
8. I.P. College (W)	0	9	9	0	4	4	0	13	13
9. Janki Devi Memorial College (W)	0	4	4	0	1	1	0	5	5
10. Jesus & Mary College (W)	0	39	39	0	18	18	0	57	57
11. Kamala Nehru College (W)	0	14	14	0	17	17	0	31	31
12. Kirori Mal College	11	16	27	4	16	20	15	32	47
13. Lady Shri Ram College (W)	0	23	23	0	20	20	0	43	43
14. Miranda House (W)	0	31	31	0	23	23	0	54	54
15. Rajdhani College	3	0	3	0	1	1	3	1	4
16. Ramjas College	9	7	16	10	5	15	19	12	31
17. S.G.T.B. Khalsa College	6	3	9	0	5	5	6	8	14
18. Sri Venkateswara College	5	15	20	10	17	27	15	32	47
19. St. Stephen's College	6	9	15	5	11	16	11	20	31
20. Zakir Husain College	6	2	8	5	3	8	11	5	16
Total (Day) :	79	247	326	64	201	265	143	448	591
21. Non-Collegiate Women's Edu. Board	0	57	57	0	62	62	0	119	119
Total (Non-formal) :	0	57	57	0	62	62	0	119	119
Grand Total :	79	304	383	64	263	327	143	567	710

M.A. (French)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Deptt. of Germanic & Romance Studies	5	17	22	2	19	21	7	36	43
Total :	5	17	22	2	19	21	7	36	43

M.A. (German)

1. Deptt. of Germanic & Romance Studies	1	18	19	2	16	18	3	34	37
Total :	1	18	19	2	16	18	3	34	37

M.A. (Hindi)

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1. A.R.S.D. College	4	7	11	6	9	15	10	16	26
2. Bharati College (W)	0	14	14	0	11	11	0	25	25
3. Daulat Ram College (W)	0	20	20	0	26	26	0	46	46
4. Deshbandhu College	2	5	7	7	4	11	9	9	18
5. Hans Raj College	14	1	15	8	3	11	22	4	26
6. Hindu College	13	6	19	16	16	32	29	22	51
7. I.P. College (W)	0	10	10	0	8	8	0	18	18
8. Janki Devi Memorial College (W)	0	7	7	0	14	14	0	21	21
9. Jesus & Mary College (W)	0	20	20	0	15	15	0	35	35
10. Kalindi College (W)	0	10	10	0	14	14	0	24	24
11. Kamala Nehru College (W)	0	12	12	0	9	9	0	21	21
12. Kirori Mal College	9	5	14	11	4	15	20	9	29
13. Lady Shri Ram College (W)	0	9	9	0	8	8	0	17	17
14. Mata Sundri College (W)	0	5	5	0	12	12	0	17	17
15. Miranda House (W)	0	21	21	0	14	14	0	35	35
16. Motilal Nehru College	8	4	12	3	8	11	11	12	23

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
17. P.G.D.A.V. College	9	1	10	2	6	8	11	7	18
18. Rajdhani College	10	4	14	7	3	10	17	7	24
19. Ram Lal Anand College	4	5	9	1	4	5	5	9	14
20. Ramjas College	11	8	19	10	6	16	21	14	35
21. S.G.T.B. Khalsa College	6	3	9	3	5	8	9	8	17
22. Shivaji College	13	1	14	8	2	10	21	3	24
23. Shyam Lal College	5	6	11	6	8	14	11	14	25
24. Shyama Prasad Mukherji College (W)	0	14	14	0	12	12	0	26	26
25. Sri Aurobindo College	9	4	13	3	9	12	12	13	25
26. Swami Shraddhanand College	11	7	18	6	7	13	17	14	31
27. Vivekananda College (W)	0	14	14	0	18	18	0	32	32
28. Zakir Husain College	10	3	13	9	5	14	19	8	27
Total (Day) :	138	226	364	106	260	366	244	486	730
29. Zakir Husain P.G. Eve. College	1	3	4	2	9	11	3	12	15
Total (Eve) :	1	3	4	2	9	11	3	12	15
30. Non-Collegiate Women's Edu. Board	0	88	88	0	51	51	0	139	139
31. School of Open Learning	79	280	359	34	162	196	113	442	555
Total (Non-formal) :	79	368	447	34	213	247	113	581	694
Grand Total :	218	597	815	142	482	624	360	1079	1439

M.A. (Linguistics)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Deptt. of Linguistics	10	12	22	5	19	24	15	31	46
Total (Deptt.) :	10	12	22	5	19	24	15	31	46

M.A. (Persian)

1. Deptt. of Persian	3	4	7	2	0	2	5	4	9
Total (Deptt.) Eve. :	3	4	7	2	0	2	5	4	9

M.A. (Philosophy)

1. Hindu College	17	13	30	9	11	20	26	24	50
2. Indraprastha College for Women	0	13	13	0	8	8	0	21	21
3. Janki Devi Memorial College (W)	0	7	7	0	2	2	0	9	9
4. Kamala Nehru College (W)	0	4	4	0	2	2	0	6	6
5. Lady Shri Ram College (W)	0	9	9	0	3	3	0	12	12
6. Lakshmibai College (W)	0	12	12	0	5	5	0	17	17
7. Miranda House (W)	0	20	20	0	8	8	0	28	28
8. Ramjas College	17	10	27	9	5	14	26	15	41
9. St. Stephen's College	6	5	11	2	4	6	8	9	17
10. Zakir Husain College	10	2	12	9	2	11	19	4	23
Total (Day) :	50	95	145	29	50	79	79	145	224

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Deptt. of Philosophy (SDC)	6	0	6	2	1	3	8	1	9
Total (Deptt) Day :	6	0	6	2	1	3	8	1	9
Grand Total :	56	95	151	31	51	82	87	146	233

M.A. (Psychology)

S-107	1. Daulat Ram College (W)	0	39	39	0	40	40	0	79	79
	2. Indraprastha College for Women	0	39	39	0	32	32	0	71	71
	3. Zakir Husain College	8	11	19	5	30	35	13	41	54
	Total (Day) :	8	89	97	5	102	107	13	191	204
	Grand Total :	8	89	97	5	102	107	13	191	204

M.A. (Punjabi)

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Mata Sundri College (W)	0	7	7	0	2	2	0	9	9
2. S.G.T.B. Khalsa College	4	5	9	3	6	9	7	11	18
3. Sri Guru Nanak Dev Khalsa College	0	0	0	1	1	2	1	1	2
Total (Day) :	4	12	16	4	9	13	8	21	29
4. Non-Collegiate Women's Edu. Board	0	30	30	0	27	27	0	57	57
Grand Total :	4	42	46	4	36	40	8	78	86

M.A. (Sanskrit)

1. Daulat Ram College (W)	0	12	12	0	16	16	0	28	28
2. Deshbandhu College	3	1	4	6	4	10	9	5	14
3. Hans Raj College	17	3	20	14	2	16	31	5	36
4. Hindu College	15	10	25	11	4	15	26	14	40
5. Indraprastha College for Women	0	7	7	0	4	4	0	11	11
6. Janki Devi Memorial College (W)	0	1	1	0	3	3	0	4	4
7. Kalindi College (W)	0	2	2	0	0	0	0	2	2
8. Kamala Nehru College (W)	0	5	5	0	2	2	0	7	7
9. Kirori Mal College	16	2	18	9	3	12	25	5	30
10. Lady Shri Ram College (W)	0	1	1	0	5	5	0	6	6

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
11. Lakshmibai College (W)	0	2	2	0	2	2	0	4	4
12. Miranda House (W)	0	10	10	0	6	6	0	16	16
13. Ramjas College	10	8	18	9	4	13	19	12	31
14. Shivaji College	3	0	3	1	0	1	4	0	4
15. Shyama Prasad Mukherji College (W)	0	4	4	0	0	0	0	4	4
16. Sri Venkateswara College	3	6	9	2	7	9	5	13	18
17. St. Stephen's College	4	2	6	1	1	2	5	3	8
18. Vivekananda College (W)	0	0	0	0	3	3	0	3	3
19. Zakir Husain College	5	2	7	8	1	9	13	3	16
Total (Day) :	76	78	154	61	67	128	137	145	282
Total (Regular) :	76	78	154	61	67	128	137	145	282
20. School of Open Learning	22	56	78	2	11	13	24	67	91
Total (Non-formal) :	22	56	78	2	11	13	24	67	91
Grand Total :	98	134	232	63	78	141	161	212	373

M.A. (Hispanic)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Deptt. of Germanic & Romance Studies	5	12	17	4	12	16	9	24	33
Total :	5	12	17	4	12	16	9	24	33

M.A. (Urdu)

1. Kirori Mal College	3	1	4	7	3	10	10	4	14
2. Zakir Husain College	6	3	9	3	8	11	9	11	20
Total (Day):	9	4	13	10	11	21	19	15	34
3. Department of Urdu	30	23	53	23	17	40	53	40	93
Total (Deptt) Eve. :	30	23	53	23	17	40	53	40	93
Total (Deptt.) D+E :	30	23	53	23	17	40	53	40	93
Total (Regular) :	39	27	66	33	28	61	72	55	127
Grand Total :	39	27	66	33	28	61	72	55	127

M.A. (Comparative Indian Literature)

S.No. Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Deptt. of Modern Indian Language	9	0	9	9	0	9	18	0	18
Total :	9	0	9	9	0	9	18	0	18

M.A. (Italian)

1. Deptt. of Germanic & Romance Studies	6	0	6	4	3	7	10	3	13
Total :	6	0	6	4	3	7	10	3	13

M.A. (Economics)

1. Deptt. of Economics	82	82	164	46	58	104	128	140	268
Total :	82	82	164	46	58	104	128	140	268

M.A. (Geography)

1. Deptt. of Geography	37	38	75	33	26	59	70	64	134
Total :	37	38	75	33	26	59	70	64	134

M.A. (History)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Daulat Ram College (W)	0	21	21	0	20	20	0	41	41
2. Hans Raj College	17	8	25	10	11	21	27	19	46
3. Hindu College	11	11	22	10	7	17	21	18	39
4. I.P. College (W)	0	6	6	0	6	6	0	12	12
5. Janki Devi Memorial College (W)	0	5	5	0	1	1	0	6	6
6. Kamala Nehru College (W)	0	3	3	0	16	16	0	19	19
7. Kirori Mal College	22	6	28	19	15	34	41	21	62
8. Lady Shri Ram College (W)	0	10	10	0	21	21	0	31	31
9. Miranda House (W)	0	21	21	0	18	18	0	39	39
10. Rajdhani College	7	2	9	6	2	8	13	4	17
11. Ramjas College	28	9	37	25	5	30	53	14	67
12. S.G.T.B. Khalsa College	5	0	5	1	3	4	6	3	9
13. Sri Venkateswara College	7	8	15	25	10	35	32	18	50
14. St. Stephen's College	5	7	12	5	11	16	10	18	28
15. Zakir Husain College	11	3	14	13	1	14	24	4	28
Total (Day) :	113	120	233	114	147	261	227	267	494
16. Department of History (SDC)	6	12	18	11	14	25	17	26	43
Total (Regular) :	119	132	251	125	161	286	244	293	537

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
17. Non-Collegiate Women's Edu. Board	0	15	15	0	4	4	0	19	19
18. School of Open Learning	15	32	47	5	17	22	20	49	69
Total (Non-formal):	15	47	62	5	21	26	20	68	88
Grand Total :	134	179	313	130	182	312	264	361	625

M.A. Political Science

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1. A.R.S.D. College	17	10	27	13	11	24	30	21	51
2. Daulat Ram College (W)	0	37	37	0	32	32	0	69	69
3. Deshbandhu College	1	3	4	3	0	3	4	3	7
4. Gargi College (W)	0	14	14	0	7	7	0	21	21
5. Hindu College	14	33	47	12	18	30	26	51	77
6. I.P. College (W)	0	12	12	0	21	21	0	33	33
7. Janki Devi Memorial College (W)	0	7	7	0	8	8	0	15	15
8. Kalindi College (W)	0	1	1	0	3	3	0	4	4
9. Kamala Nehru College (W)	0	10	10	0	11	11	0	21	21
10. Kirori Mal College	34	22	56	21	20	41	55	42	97
11. Lady Shri Ram College (W)	0	25	25	0	18	18	0	43	43
12. Lakshmibai College (W)	0	12	12	0	8	8	0	20	20
13. Maitreyi College (W)	0	12	12	0	7	7	0	19	19
14. Mata Sundri College (W)	0	0	0	0	1	1	0	1	1

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
15. Moti Lal Nehru College	22	15	37	9	4	13	31	19	50
16. P.G.D.A.V. College	9	0	9	3	2	5	12	2	14
17. Ramjas College	35	9	44	30	4	34	65	13	78
18. S.G.T.B. Khalsa College	3	3	6	3	1	4	6	4	10
19. Satyawati College	13	3	16	7	3	10	20	6	26
20. Shivaji College	5	0	5	1	0	1	6	0	6
21. Shyama Prasad Mukherji College (W)	0	3	3	0	2	2	0	5	5
22. Zakir Husain College	16	8	24	20	7	27	36	15	51
Total (Day) :	169	239	408	122	188	310	291	427	718
23. Non-Collegiate Women's Edu. Board	0	23	23	0	28	28	0	51	51
24. School of Open Learning	77	170	247	37	142	179	114	312	426
Total (Non-formal) :	77	193	270	37	170	207	114	363	477
Grand Total :	246	432	678	159	358	517	405	790	1195
M.A. (Social Work)									
1. Department of Social Work	44	47	91	26	43	69	70	90	160
Total (Deptt.) Day :	44	47	91	26	43	69	70	90	160

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
M.A. (Sociology)									
1. Department of Sociology	28	54	82	18	55	73	46	109	155
Total :	28	54	82	18	55	73	46	109	155
M.A. (Japanese)									
1. Department of East Asian Studies	2	1	3	3	4	7	5	5	10
Total :	2	1	3	3	4	7	5	5	10
M.A. (East Asian Studies)									
1. Department of East Asian Studies	11	12	23	5	9	14	16	21	37
Total :	11	12	23	5	9	14	16	21	37
M.A. (Mathematics)									
1. Dyal Singh College	1	1	2	0	0	0	1	1	2
2. Hans Raj College	2	16	18	1	13	14	3	29	32
3. Hindu College	1	7	8	1	1	2	2	8	10
4. I.P. College (W)	0	21	21	0	12	12	0	33	33
5. Janki Devi Memorial College (W)	0	4	4	0	7	7	0	11	11

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
6. Kirori Mal College	5	3	8	1	8	9	6	11	17
7. Lady Shri Ram College (W)	0	7	7	0	5	5	0	12	12
8. Maitreyi College (W)	0	3	3	0	10	10	0	13	13
9. Miranda House (W)	0	14	14	0	9	9	0	23	23
10. Ramjas College	2	2	4	3	2	5	5	4	9
11. St. Stephen's College	4	8	12	5	2	7	9	10	19
12. Zakir Husain College	3	0	3	4	2	6	7	2	9
Total (Day) :	18	86	104	15	71	86	33	157	190
13. Non-Collegiate Women's Edu. Board	0	20	20	0	11	11	0	31	31
Total (Non-formal) :	0	20	20	0	11	11	0	31	31
Grand Total :	18	106	124	15	82	97	33	188	221
M.A. (Operational Research)									
1. Indraprastha College (W)	0	1	1	0	0	0	0	1	1
Total (Day) :	0	1	1	0	0	0	0	1	1

M.A. (Environmental Studies)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Deptt. of Environmental Studies	6	5	11	2	3	5	8	8	16
Total :	6	5	11	2	3	5	8	8	16

M.A. (Music)

1. Daulat Ram College (W)	0	3	3	0	4	4	0	7	7
2. Indraprastha College for Women	0	1	1	0	3	3	0	4	4
3. Miranda House (W)	0	10	10	0	10	10	0	20	20
4. Ramjas College	10	6	16	9	2	11	19	8	27
Total (Day) :	10	20	30	9	19	28	19	39	58
Grand Total :	10	20	30	9	19	28	19	39	58

M.A. (Russian)

1. Deptt. of Slavonic & Finno-Ugrian Studies	7	6	13	9	8	17	16	14	30
Total :	7	6	13	9	8	17	16	14	30

M.Com.

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. A.R.S.D. College	7	7	14	8	7	15	15	14	29
2. Deshbandhu College	3	2	5	1	5	6	4	7	11
3. Hans Raj College	14	19	33	7	17	24	21	36	57
4. Hindu College	11	4	15	5	10	15	16	14	30
5. Janki Devi Memorial College (W)	0	12	12	0	12	12	0	24	24
6. Motilal Nehru College	7	11	18	6	14	20	13	25	38
7. P.G.D.A.V. College	5	1	6	2	4	6	7	5	12
8. Rajdhani College	11	3	14	7	7	14	18	10	28
9. Ramjas College	13	6	19	15	4	19	28	10	38
10. S.G.T.B. Khalsa College	3	8	11	5	4	9	8	12	20
11. Shaheed Bhagat Singh College	11	10	21	2	14	16	13	24	37
12. S.G.G.S. College of Commerce	5	6	11	2	9	11	7	15	22
13. Shri Ram College of Commerce	29	15	44	16	25	41	45	40	85
14. Shri Guru Nanak Dev Khalsa College	6	8	14	4	8	12	10	16	26
15. Zakir Husain College	8	5	13	10	5	15	18	10	28
Total (Day) :	133	117	250	90	145	235	223	262	485
16. Deptt. of Commerce	48	45	93	23	61	84	71	106	177
Total (Regular) :	181	162	343	113	206	319	294	368	662

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
17. School of Open Learning	234	311	545	100	248	348	334	559	893
Total (Non-formal) :	234	311	545	100	248	348	334	559	893
Grand Total :	415	473	888	213	454	667	628	927	1555

Master of Business Economics (M.B.E.)

1. Department of Business Economics	47	43	90	42	15	57	89	58	147
Total :	47	43	90	42	15	57	89	58	147

Master of Finance Control (M.F.C.)

1. Department of Financial Studies	27	18	45	31	11	42	58	29	87
Total (Deptt.) Day :	27	18	45	31	11	42	58	29	87

Master of Human Resource and Organisational Development (MHROD)

S.No. Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Department of Commerce	18	24	42	38	11	49	56	35	91
Total (Deptt.) Day:	18	24	42	38	11	49	56	35	91

Master of International Business (MIB)

1. Department of Commerce	42	20	62	43	10	53	85	30	115
Total (Deptt.) Day :	42	20	62	43	10	53	85	30	115

MCA (Master of Computer Applications)

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Department of Computer Science	21	27	48	36	9	45	24	19	43	81	55	136
Total (Deptt.) Day :	21	27	48	36	9	45	24	19	43	81	55	136

M.Sc.

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Acharya Narendra Dev College	1	4	5	5	3	8	6	7	13
2. Deshbandhu College	1	1	2	0	1	1	1	2	3
3. Dyal Singh College	2	6	8	0	4	4	2	10	12
4. Gargi College (W)	0	1	1	0	5	5	0	6	6
5. Hans Raj College	106	120	226	86	123	209	192	243	435
6. Hindu College	107	141	248	77	118	195	184	259	443
7. Institute of Home Economics (W)	0	28	28	0	31	31	0	59	59
8. Kirori Mal College	47	50	97	50	67	117	97	117	214
9. Lady Irwin College (W)	0	83	83	0	108	108	0	191	191
10. Lady Shri Ram College (W)	0	7	7	0	5	5	0	12	12
11. Miranda House (W)	0	110	110	0	106	106	0	216	216
12. Ramjas College	95	40	135	106	41	147	201	81	282
13. S.G.T.B. Khalsa College	7	13	20	12	19	31	19	32	51
14. Sri Venkateswara College	12	30	42	15	25	40	27	55	82
15. St. Stephen's College	12	18	30	13	24	37	25	42	67
16. Zakir Husain College	16	8	24	15	11	26	31	19	50
Total (Day) :	406	660	1066	379	691	1070	785	1351	2136

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
17. Deptt. of Computer Science	9	29	38	14	30	44	23	59	82
18. Deptt. of Operational Research (SDC)	7	14	21	12	12	24	19	26	45
19. Dr. B.R.A. Centre for Bio-Medical	13	30	43	17	29	46	30	59	89
20. Deptt. of Environmental Studies	15	13	28	7	16	23	22	29	51
Total(Fac./Deptt./Centre) :	44	86	130	50	87	137	94	173	267
Total (Regular):	450	746	1196	429	778	1207	879	1524	2403
21. Non-Collegiate Women's Edu. Board	0	16	16	0	3	3	0	19	19
Total (Non-formal) :	0	16	16	0	3	3	0	19	19
Grand Total :	450	762	1212	429	781	1210	879	1543	2422

M.Sc. Course-wise

S.No. Course	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Anthropology	9	21	30	6	31	37	15	52	67
2. Applied Operational Research	7	14	21	12	12	24	19	26	45
3. Bio-Medical Research	13	30	43	17	29	46	30	59	89
4. Botany	27	49	76	13	54	67	40	103	143
5. Chemistry	93	111	204	95	122	217	188	233	421
6. Computer Science	9	29	38	14	30	44	23	59	82
7. Environmental Studies	15	13	28	7	16	23	22	29	51
8. Geology	21	9	30	18	5	23	39	14	53
9. Home Science	0	111	111	0	139	139	0	250	250
10. Mathematics	57	95	152	47	93	140	104	188	292
11. Operational Research	21	50	71	22	40	62	43	90	133
12. Physics	132	120	252	143	113	256	275	233	508
13. Statistics	17	34	51	12	35	47	29	69	98
14. Zoology	29	60	89	23	59	82	52	119	171
Total :	450	746	1196	429	778	1207	879	1524	2403

M.Sc. (Mathematics)

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Acharya Narendra Dev College	1	4	5	2	1	3	3	5	8
2. Deshbandhu College	1	1	2	0	1	1	1	2	3
3. Dyal Singh College	2	6	8	0	4	4	2	10	12
4. Hans Raj College	8	14	22	6	13	19	14	27	41
5. Hindu College	13	10	23	3	10	13	16	20	36
6. Kirori Mal College	7	13	20	7	10	17	14	23	37
7. Miranda House (W)	0	12	12	0	12	12	0	24	24
8. Ramjas College	8	6	14	10	7	17	18	13	31
9. S.G.T.B. Khalsa College	3	7	10	3	10	13	6	17	23
10. Sri Venkateswara College	1	15	16	2	10	12	3	25	28
11. St. Stephen's College	0	0	0	3	9	12	3	9	12
12. Zakir Husain College	13	7	20	11	6	17	24	13	37
Total (Day) :	57	95	152	47	93	140	104	188	292
13. Non-Collegiate Women's Edu. Board	0	16	16	0	3	3	0	19	19
Total (Non-formal) :	0	16	16	0	3	3	0	19	19
Grand Total :	57	111	168	47	96	143	104	207	311

M.Sc. Statistics

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Hindu College	6	20	26	7	23	30	13	43	56
2. Lady Shri Ram College (W)	0	7	7	0	5	5	0	12	12
3. Ramjas College	8	5	13	4	5	9	12	10	22
4. Sri Venkateswara College	3	2	5	1	2	3	4	4	8
Total (Day) :	17	34	51	12	35	47	29	69	98

M.Sc. (Operational Research)

1. Hans Raj College	10	13	23	7	18	25	17	31	48
2. Hindu College	3	15	18	5	8	13	8	23	31
3. Kirori Mal College	2	8	10	4	5	9	6	13	19
4. Ramjas College	3	4	7	4	5	9	7	9	16
5. St. Stephen's College	3	10	13	2	4	6	5	14	19
Total (Day) :	21	50	71	22	40	62	43	90	133

M.Sc. (Applied Operational Research)

1. Department of Operational Research (SDC)	7	14	21	12	12	24	19	26	45
Total :	7	14	21	12	12	24	19	26	45

M.Sc. (Computer Science)

1. Department of Computer Science	9	29	38	14	30	44	23	59	82
Total (Deptt.) Day :	9	29	38	14	30	44	23	59	82

M.Sc. (Anthropology)

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Hans Raj College	9	10	19	6	17	23	15	27	42
2. Miranda House (W)	0	11	11	0	14	14	0	25	25
Total (Day) :	9	21	30	6	31	37	15	52	67

M.Sc. (Botany)

1. Hans Raj College	14	9	23	4	14	18	18	23	41
2. Hindu College	5	13	18	2	19	21	7	32	39
3. Kirori Mal College	0	3	3	2	3	5	2	6	8
4. Miranda House (W)	0	18	18	0	11	11	0	29	29
5. Ramjas College	7	6	13	5	3	8	12	9	21
6. S.G.T.B. Khalsa College	1	0	1	0	3	3	1	3	4
7. Sri Venkateswara College	0	0	0	0	1	1	0	1	1
Total (Day) :	27	49	76	13	54	67	40	103	143

M.Sc. (Chemistry)

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Acharya Narendra Dev College	0	0	0	3	2	5	3	2	5
2. Gargi College (W)	0	1	1	0	5	5	0	6	6
3. Hans Raj College	14	22	36	18	20	38	32	42	74
4. Hindu College	29	35	64	15	25	40	44	60	104
5. Kirori Mal College	14	11	25	14	19	33	28	30	58
6. Miranda House (W)	0	20	20	0	23	23	0	43	43
7. Ramjas College	25	7	32	35	9	44	60	16	76
8. S.G.T.B. Khalsa College	1	2	3	0	2	2	1	4	5
9. Sri Venkateswara College	3	8	11	2	6	8	5	14	19
10. St. Stephen's College	6	4	10	5	6	11	11	10	21
11. Zakir Husain College	1	1	2	3	5	8	4	6	10
Total (Day) :	93	111	204	95	122	217	188	233	421

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M.Sc. (Geology)

1. Hans Raj College	21	9	30	18	5	23	39	14	53
Total :	21	9	30	18	5	23	39	14	53

M.Sc. (Physics)

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Hans Raj College	17	32	49	16	21	37	33	53	86
2. Hindu College	44	34	78	43	21	64	87	55	142
3. Kirori Mal College	21	9	30	21	22	43	42	31	73
4. Miranda House (W)	0	26	26	0	26	26	0	52	52
5. Ramjas College	40	8	48	43	8	51	83	16	99
6. S.G.T.B. Khalsa College	2	3	5	7	4	11	9	7	16
7. Sri Venkateswara College	5	4	9	10	6	16	15	10	25
8. St. Stephen's College	3	4	7	3	5	8	6	9	15
Total (Day) :	132	120	252	143	113	256	275	233	508

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M.Sc. (Zoology)

1. Hans Raj College	13	11	24	11	15	26	24	26	50
2. Hindu College	7	14	21	2	12	14	9	26	35
3. Kirori Mal College	3	6	9	2	8	10	5	14	19
4. Miranda House (W)	0	23	23	0	20	20	0	43	43
5. Ramjas College	4	4	8	5	4	9	9	8	17
6. S.G.T.B. Khalsa College	0	1	1	2	0	2	2	1	3
7. Sri Venkateswara College	0	1	1	0	0	0	0	1	1
8. Zakir Husain College	2	0	2	1	0	1	3	0	3
Total (Day) :	29	60	89	23	59	82	52	119	171

M.Sc. (Home Science)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Institute of Home Economics (W)	0	28	28	0	31	31	0	59	59
2. Lady Irwin College (W)	0	83	83	0	108	108	0	191	191
Total (Day) :	0	111	111	0	139	139	0	250	250

M.Sc. (Bio-Medical Research)

1. Dr. B.R. Ambedkar Centre for Bio-Med. Res.	13	30	43	17	29	46	30	59	89
Total :	13	30	43	17	29	46	30	59	89

M.Sc. (Environmental Studies)

1. Deptt. of Environmental Studies	15	13	28	7	16	23	22	29	51
Total :	15	13	28	7	16	23	22	29	51

M.Sc. (Applied Sc.) Course-wise

S.No. Subject/Course	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Bio-Chemistry	2	11	13	1	10	11	3	21	24
2. Electronics	19	14	33	18	9	27	37	23	60
3. Genetics	4	7	11	4	8	12	8	15	23
4. Informatics & Communication	23	20	43	17	28	45	40	48	88
5. Micro-Biology	0	12	12	0	12	12	0	24	24
6. Plant Mole. Bio. & Bio-Tech.	2	10	12	7	4	11	9	14	23
Total :	50	74	124	47	71	118	97	145	242

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M.Sc. (Bio-Chemistry)

1. Department of Bio-Chemistry (SDC)	2	11	13	1	10	11	3	21	24
Total :	2	11	13	1	10	11	3	21	24

M.Sc. (Electronics)

1. Department of Electronic Science	19	14	33	18	9	27	37	23	60
Total :	19	14	33	18	9	27	37	23	60

M.Sc. (Genetics)

1. Department of Genetics (SDC)	4	7	11	4	8	12	8	15	23
Total :	4	7	11	4	8	12	8	15	23

M.Sc. (Micro-biology)

S.No. College/Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Department of Micro-biology (SDC)	0	12	12	0	12	12	0	24	24
Total (Deptt.) Day :	0	12	12	0	12	12	0	24	24

M.Sc. (Plant Mole. Bio & Bio-Tech.)

1. Department of Plant Molecular Biology	2	10	12	7	4	11	9	14	23
Total (Deptt.) Day :	2	10	12	7	4	11	9	14	23

M.Sc. (Informatics & Communication)

1. Instt. of Informatic & Communication	23	20	43	17	28	45	40	48	88
Total (Deptt.) Day :	23	20	43	17	28	45	40	48	88

M.Sc. (Med. Imaging Tech. Radiography)

1. U.C.M.S. & S.T.B. Hospital	1	1	2	1	2	3	2	3	5
Total (Day) :	1	1	2	1	2	3	2	3	5

M. Pharma

S.No. College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Delhi Instt. of Pharma. Sc. & Res.	15	22	37	23	21	44	38	43	81
Total (Day) :	15	22	37	23	21	44	38	43	81

M. Nursing

1. R.A.K. College of Nursing (W)	2	21	23	1	23	24	3	44	47
Total (Day) :	2	21	23	1	23	24	3	44	47

Master of Fine Art (M.F.A.)

1. College of Art	35	21	56	34	23	57	69	44	113
Total (Day) :	35	21	56	34	23	57	69	44	113

**Statement showing the Subject-wise distribution of
Students for the year 2011-12**

M. Tech. (Science) Subject-wise

S.No. Subject/Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Chem. Synth. & Proc. Tech.	6	13	19	8	10	18	10	6	16	24	29	53
2. Nano Sc & Nano Tech.	3	5	8	5	5	10	5	7	12	13	17	30
3. Nuclr Sc. and Tech.	4	6	10	4	8	12	6	6	12	14	20	34
Total :	13	24	37	17	23	40	21	19	40	51	66	117

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M. Tech. (Microwave Electronics)

S.No. Subject/Course	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Department of Electronic Science	31	1	32	14	2	16	45	3	48
Total (Deptt.) Day :	31	1	32	14	2	16	45	3	48

**Statement showing the College-wise and Course-wise
distribution of Students for the year 2011-12**

B.Ed.

S.No. College/Deptt.	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Lady Irwin College (W)	0	73	73	0	0	0	0	73	73
2. M.V. College of Education	73	86	159	0	0	0	73	86	159
3. Shyama Prasad Mukherji College(W)	0	85	85	0	0	0	0	85	85
Total (Day) :	73	244	317	0	0	0	73	244	317
4. Department of Education	92	155	247	0	0	0	92	155	247
Total (Deptt) Day :	92	155	247	0	0	0	92	155	247
Grand Total :	165	399	564	0	0	0	165	399	564

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B.Ed. (Special Education)

1. Durga Bai Deshmukh College	24	9	33	0	0	0	24	9	33
2. Lady Irwin College (W)	0	23	23	0	0	0	0	23	23
Total (Day) :	24	32	56	0	0	0	24	32	56

M. Ed. (Full-Time)

1. Department of Education	13	27	40	0	0	0	13	27	40
Total (Deptt.) Day :	13	27	40	0	0	0	13	27	40

M.Ed. (Part-time)

S.No. College/Deptt.	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
1. Department of Education	12	27	39	9	26	35	21	53	74
Total (Deptt.) Day :	12	27	39	9	26	35	21	53	74

B.P. Ed. (B. Phy. Education)

1. I.G.Inst. of Phy.Edu.& Sports Sc.	38	34	72	0	0	0	38	34	72
Total (Day) :	38	34	72	0	0	0	38	34	72

M.P. Ed. (Master of Phy. Education)

1. I.G.Inst. of Phy.Edu.& Sports Sc.	24	18	42	19	20	39	43	38	81
Total (Day) :	24	18	42	19	20	39	43	38	81

Bachelor of Law (LL.B.)

S.No. College/Deptt.	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Campus Law Centre	483	288	771	430	136	566	320	150	470	1233	574	1807
Total (Deptt.) Day :	483	288	771	430	136	566	320	150	470	1233	574	1807
2. Law Centre - I	679	255	934	399	170	569	347	145	492	1425	570	1995
3. Law Centre - II	521	98	619	300	63	363	224	49	273	1045	210	1255
Total (Deptt.) Eve :	1200	353	1553	699	233	932	571	194	765	2470	780	3250
Grand Total :	1683	641	2324	1129	369	1498	891	344	1235	3703	1354	5057

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Master of Law (LL.M. Two year)

1. Faculty of Law	33	24	57	33	13	46	0	0	0	66	37	103
Grand Total :	33	24	57	33	13	46	0	0	0	66	37	103

Master of Law (LL.M. Three year)

1. Faculty of Law	40	10	50	22	12	34	9	10	19	71	32	103
Total (Deptt.) Eve. :	40	10	50	22	12	34	9	10	19	71	32	103
Grand Total :	40	10	50	22	12	34	9	10	19	71	32	103

Master of Comparative Laws (M.C.L. Two year)

1. Faculty of Law	3	2	5	1	3	4	0	0	0	4	5	9
Grand Total :	3	2	5	1	3	4	0	0	0	4	5	9

Master of Business Administration (M.B.A. Full-time Two-year)

S.No. College/Deptt.	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Faculty of Management Studies	171	57	228	109	52	161	0	0	0	280	109	389
Total (Deptt) (Day) :	171	57	228	109	52	161	0	0	0	280	109	389

Master of Business Administration in Management Service (Full-time)

1. Faculty of Management Studies	0	0	0	51	17	68	0	0	0	51	17	68
Total (Deptt) (Day) :	0	0	0	51	17	68	0	0	0	51	17	68

Master of Business Administration (M.B.A. Part-time Three-year)

1. Faculty of Management Studies	202	19	221	179	19	198	153	17	170	534	55	589
Total (Deptt) Eve :	202	19	221	179	19	198	153	17	170	534	55	589

Master of Business Administration in Health Care Administration (Three year)

1. Faculty of Management Studies	32	5	37	26	4	30	27	7	34	85	16	101
Total (Deptt) (Eve) :	32	5	37	26	4	30	27	7	34	85	16	101

MDS (M. in Dental Surg)

1. Maulana Azad Medical College	9	2	11	3	6	9	5	4	9	17	12	29
2. U.C.M.S. & G.T.B. Hospital	1	1	2	0	0	0	0	0	0	1	1	2
Total (Day) :	10	3	13	3	6	9	5	4	9	18	13	31

Master of Technology (Full Time) Subject-wise

S.No. Subject/Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. (Inform. Sys.) FT	8	8	16	6	4	10	0	0	0	14	12	26
2. (Process Cont.) FT	14	4	18	8	3	11	0	0	0	22	7	29
3. (Signal Proc.) FT	9	6	15	14	3	17	0	0	0	23	9	32
Total :	31	18	49	28	10	38	0	0	0	59	28	87

Master of Technology (Part Time) Subject-wise

1. (Inform. Sys.) PT	0	1	1	0	0	0	0	0	0	0	1	1
2. (Process Cont.) PT	2	1	3	2	0	2	2	0	2	6	1	7
3. (Signal Proc.) PT	5	0	5	2	2	4	2	0	2	9	2	11
Total :	7	2	9	4	2	6	4	0	4	15	4	19

**Statement showing the Course-wise distribution Under Faculty of
Medical Science for the year 2011-12**

M.D. (Ayurvedic Medicine)

S.No. Subject	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Amras-E-Niswan-WA-	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1	1	2
2. ILM-US-Sidla	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	3	0	3
3. Kayachikitsa	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
4. Kriyasharir	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
5. Molijat	0	0	0	1	0	1	0	2	2	0	0	0	0	0	0	1	2	3
6. Munaeul-AZA	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
Total :	0	0	0	9	3	12	0	2	2	0	0	0	0	0	0	9	5	14

Statement showing the Subject-wise distribution of students for the Academic Session 2011-12

M.D. (Homoeopathic Medicine)

S.No. Subject/Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Organo of Med. & Homoeo. Phy.	2	0	2	1	1	2	1	1	2	4	2	6
2. Practice of Medicine	1	1	2	1	1	2	1	1	2	3	3	6
Total :	3	1	4	2	2	4	2	2	4	7	5	12

D.M. Subject-wise

S-140	1. Cardiology	4	1	5	5	0	5	5	0	5	14	1	15
	2. Medical (Gastroenterology)	3	0	3	2	1	3	3	0	3	8	1	9
	3. Neurology	5	4	9	9	0	9	5	0	5	19	4	23
	4. Pulmonary Medicine	2	0	2	0	0	0	0	0	0	2	0	2
	Total :	14	5	19	16	1	17	13	0	13	43	6	49

M.Ch. Subject-wise

1. Cardio Vascular & Thoracic	4	0	4	4	0	4	4	0	4	12	0	12
2. Neuro-Surgery	5	1	6	6	0	6	4	0	4	15	1	16
3. Peaditrics Surgery	5	0	5	6	0	6	0	0	0	11	0	11
4. Plastic & R. Surgery	0	0	0	3	0	3	2	0	2	5	0	5
5. Surgical Gastroenterology	3	0	3	0	0	0	0	0	0	3	0	3
Total :	17	1	18	19	0	19	10	0	10	46	1	47

M.Phil. Students Enrolment for the year 2011-12

Department	Male	Female	Total
Faculty of Arts			
Arabic	8	0	8
Buddhist Studies	14	11	25
English	8	32	40
Germanic & Romance Studies (M.E.L.)	3	18	21
Hindi	14	11	25
Library & Information Science	6	5	11
Linguistics	2	8	10
Modern Indian Language	13	0	13
Persian	2	2	4
Philosophy	6	5	11
Punjabi	2	6	8
Sanskrit	16	8	24
Urdu	19	3	22
Sub Total : (Arts) :	113	109	222
Faculty of App. Social Sc. & Humanities			
Slavonic & Finno-Ugrian (SDC)	7	3	10
Sub Total : (App. Social Sc.) :	7	3	10

Department	Male	Female	Total
Faculty of Social Science			
African Studies	5	6	11
Chinese & Japanese Studies	6	10	16
Economics	3	3	6
Geography	11	6	17
History	12	7	19
Political Science	12	14	26
Social Work	2	7	9
Sociology	8	16	24
	Sub Total : (Social Sc.) :		
	59	69	128
Faculty of Commerce & Business			
Commerce	5	20	25
	Sub Total: (Commerce & Business) :		
	5	20	25
Faculty of Mathematical Sciences			
Mathematics	9	11	20
Operational Research	4	5	9
Statistics	4	4	8
	Sub Total : (Mathematical Sc.) :		
	17	20	37

Department	Male	Female	Total
Faculty of Science			
Anthropology	10	13	23
Botany	2	9	11
Geology	4	3	7
Zoology	3	9	12
Sub Total : (Science) :	19	34	53
Faculty of Inter-disciplinary & App. Sc.			
Faculty of Inter-disciplinary & App. Sc. (Bio-Tech)	1	2	3
Sub Total : (Inter-disciplinary) :	1	2	3
Faculty of Music & Fine Arts			
Faculty of Music & Fine Arts	6	13	19
Sub Total : (Music & Fine Arts) :	6	13	19
Faculty of Education			
Education	6	11	17
Sub Total : (Education) :	6	11	17
Grand Total :	233	281	514

P.G. Diploma (Medical Science) Subject-wise

S.No. Subject/Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Anaesthesiology (D.A.)	2	4	6	7	4	11	0	0	0	9	8	17
2. Obstt. & Gynaecology (DGO)	0	4	4	0	17	17	0	0	0	0	21	21
3. Ophthalmology (D.O.)	2	1	3	3	2	5	0	0	0	5	3	8
4. Paediatrics (DCH)	5	2	7	5	4	9	0	0	0	10	6	16
5. Radio-Diagnosis (DMRD)	1	0	1	1	1	2	0	0	0	2	1	3
6. Tub. & Chest Diseases (DTCD)	8	2	10	4	3	7	0	0	0	12	5	17
Total :	18	13	31	20	31	51	0	0	0	38	44	82

**Statement showing the course wise distribution under Faculty of
Medical Sciences for the year 2011-12**

Faculty of Medical Sciences

S.No. Subject	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. B.D.S.	15	25	40	10	10	20	6	15	21	8	17	25	14	16	30	53	83	136
2. B.Sc.(Med.Tech.-Radi)	8	7	15	11	4	15	8	7	15	0	0	0	0	0	0	27	18	45
3. D.M. (Pulmonary Med.	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
4. D.M. (Cardiology)	4	1	5	5	0	5	5	0	5	0	0	0	0	0	0	14	1	15
5. D.M. Med. (Gastroente)	3	0	3	2	1	3	3	0	3	0	0	0	0	0	0	8	1	9
6. D.M. (Neurology)	5	4	9	9	0	9	5	0	5	0	0	0	0	0	0	19	4	23
7. M.Ch. (Peaditrics Surger)	5	0	5	6	0	6	0	0	0	0	0	0	0	0	0	11	0	11
8. M.Ch.(Cardio Vascular &	4	0	4	4	0	4	4	0	4	0	0	0	0	0	0	12	0	12
9. M.Ch.(Neuro-Surgery)	5	1	6	6	0	6	4	0	4	0	0	0	0	0	0	15	1	16
10. M.Ch.(Plastic&R.Surge	0	0	0	3	0	3	2	0	2	0	0	0	0	0	0	5	0	5
11. M.Ch. (Surgical Gastroen)	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
12. M.D.(Anaesthesiology)	12	20	32	7	23	30	11	9	20	0	0	0	0	0	0	30	52	82
13. M.D. (Comm. Med.)	16	10	26	15	8	23	4	4	8	0	0	0	0	0	0	35	22	57
14. M.D.(Derma. & Vene)	1	9	10	3	6	9	2	5	7	0	0	0	0	0	0	6	20	26
15. M.D. (Forensic Med.)	8	2	10	9	0	9	6	1	7	0	0	0	0	0	0	23	3	26
16. M.D. (Bio-Chemistry)	4	10	14	1	12	13	2	2	4	0	0	0	0	0	0	7	24	31
17. M.D. (General Med.)	39	9	48	33	14	47	24	5	29	0	0	0	0	0	0	96	28	124
18. M.D. (Microbiology)	7	19	26	8	16	24	2	9	11	0	0	0	0	0	0	17	44	61
19. M.D. (Obstt.& Gynae)	0	39	39	1	25	26	0	22	22	0	0	0	0	0	0	1	86	87
20. M.D. (Paediatrics)	22	19	41	16	22	38	12	13	25	0	0	0	0	0	0	50	54	104
21. M.D. (Pathology)	7	21	28	4	23	27	0	10	10	0	0	0	0	0	0	11	54	65
22. M.D. (Pharmacology)	8	5	13	12	3	15	7	1	8	0	0	0	0	0	0	27	9	36

S.No. Subject	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
23. M.D. (Physiology)	3	4	7	3	2	5	5	2	7	0	0	0	0	0	0	11	8	19
24. M.D. (Psychiatry)	0	5	5	2	3	5	2	1	3	0	0	0	0	0	0	4	9	13
25. M.D. (Radio-Diagnosis)	10	8	18	11	7	18	5	3	8	0	0	0	0	0	0	26	18	44
26. M.D. (Radio-Therapy)	0	0	0	1	1	2	1	1	2	0	0	0	0	0	0	2	2	4
27. M.D. (Pulmonary Med.)	1	2	3	2	3	5	4	1	5	0	0	0	0	0	0	7	6	13
28. MDS(M.inDentalSurg.)	10	3	13	3	6	9	5	4	9	0	0	0	0	0	0	18	13	31
29. M.S. (Anatomy)	1	4	5	4	3	7	1	2	3	0	0	0	0	0	0	6	9	15
30. M.S. (E.N.T.) Otorhino	4	9	13	6	7	13	2	5	7	0	0	0	0	0	0	12	21	33
31. M.S. (Ophthalmology)	7	12	19	4	14	18	4	7	11	0	0	0	0	0	0	15	33	48
32. M.S. (Orthopaedics)	21	0	21	21	0	21	12	0	12	0	0	0	0	0	0	54	0	54
33. M.S. (General Surgery)	35	7	42	30	6	36	21	3	24	0	0	0	0	0	0	86	16	102
34. M.Sc. (Med. Imaging Tech)	1	1	2	1	2	3	0	0	0	0	0	0	0	0	0	2	3	5
35. M.B.B.S.	273	340	613	228	264	492	235	252	487	206	220	426	214	334	548	1156	1410	2566
36. P.G.Deg. Med. Sc.-Other	53	13	66	35	13	48	28	6	34	0	0	0	0	0	0	116	32	148
37. P.G.Dip.in Anaesthesiology	2	4	6	7	4	11	0	0	0	0	0	0	0	0	0	9	8	17
38. P.G.Dip.in Radio-Diagnos	1	0	1	1	1	2	0	0	0	0	0	0	0	0	0	2	1	3
39. P.G.Dip.in Obstt.& Gynae	0	4	4	0	17	17	0	0	0	0	0	0	0	0	0	0	21	21
40. P.G.Dip.in Ophthalmology	2	1	3	3	2	5	0	0	0	0	0	0	0	0	0	5	3	8
41. P.G.Dip.in Tub.& Chest D	8	2	10	4	3	7	0	0	0	0	0	0	0	0	0	12	5	17
42. P.G.Dip.in Paediatrics	5	2	7	5	4	9	0	0	0	0	0	0	0	0	0	10	6	16
43. P.G.Dip. Med. Sc.-Others	4	7	11	15	12	27	0	0	0	0	0	0	0	0	0	19	19	38
44. Ph.D*	54	61	155	0	0	0	0	0	0	0	0	0	0	0	0	54	61	115
Total :	671	690	1360	551	541	1092	432	390	822	214	237	451	228	350	578	2098	2208	4306

*Total Students enrolled in Faculty of Medical Sciences.

**Statement showing the course wise distribution under Faculty of Technology
for the year 2011-12**

Faculty of Technology

S.No. Subject	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. B.E. (Civil Engg.)	0	0	0	0	0	0	0	0	0	57	11	68	0	0	0	57	11	68
2. B.E. (Com. Engg.)	135	30	165	131	20	151	101	29	130	174	36	210	0	0	0	541	115	656
3. B.E. (Electrical Engg.)	0	0	0	0	0	0	0	0	0	67	26	93	0	0	0	67	26	93
4. B.E. (Elect. & Com.)	132	33	165	121	28	149	102	29	131	205	43	248	0	0	0	560	133	693
5. B.E. (Instrum. & Control)	124	22	146	124	23	147	98	30	128	103	18	121	0	0	0	449	93	542
6. B.E. (Mech. Engg.)	0	0	0	0	0	0	0	0	0	118	1	119	0	0	0	118	1	119
7. B.E. (Production & Ind.)	0	0	0	0	0	0	0	0	0	25	5	30	0	0	0	25	5	30
8. B.E. (Environ. Engg.)	0	0	0	0	0	0	0	0	0	10	9	19	0	0	0	10	9	19
9. B.E. Polymer Sc. & Chem.	0	0	0	0	0	0	0	0	0	32	7	39	0	0	0	32	7	39
10. B.E. Bio-Technology	6	7	13	12	8	20	10	7	17	24	15	39	0	0	0	52	37	89
11. B.E. (Infor. Tech.)	69	13	82	57	17	74	43	21	64	83	35	118	0	0	0	252	86	338
12. B.E. (Manufact. Pro.)	67	8	75	69	5	74	56	8	64	53	7	60	0	0	0	245	28	273
13. B. Tech (Civil Engg) PT	0	0	0	0	0	0	0	0	0	28	2	30	0	0	0	28	2	30
14. B. Tech (Elect.) PT	0	0	0	0	0	0	0	0	0	28	2	30	0	0	0	28	2	30
15. B. Tech (Elect. & C)	0	0	0	0	0	0	0	0	0	29	1	30	0	0	0	29	1	30
16. B. Tech (Mech. Engg.)	0	0	0	0	0	0	0	0	0	30	0	30	0	0	0	30	0	30
17. MTech (Singal Proc.) FT	9	6	15	14	3	17	0	0	0	0	0	0	0	0	0	23	9	32
18. MTech (Inform. Sys.) FT	8	8	16	6	4	10	0	0	0	0	0	0	0	0	0	14	12	26
19. M.Tech (Pro. Cont.) F	14	4	18	8	3	11	0	0	0	0	0	0	0	0	0	22	7	29
20. M.Tech (Sig. Proc.) PT	5	0	5	2	2	4	2	0	2	0	0	0	0	0	0	9	2	11
21. M.Tech (Inform. Sys.) PT	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
22. M.Tech (Process Cont.) P	2	1	3	2	0	2	2	0	2	0	0	0	0	0	0	6	1	7
23. PhD*	75	53	128	0	0	0	0	0	0	0	0	0	0	0	0	75	53	128
Total:	646	186	832	546	113	659	414	124	538	1066	218	1284	0	0	0	2672	641	3313

* Total Students Enrolled in Faculty of Technology.

Statement showing the College-wisedistribution of students for the year 2011-12

P.G. Degree Med. Sc. - Other Instt.

S.No. College/Deptt.	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Faculty of Medical Sciences	53	13	66	35	13	48	28	6	34	116	32	148
Total (Dept) Day :	53	13	66	35	13	48	28	6	34	116	32	148

P.G. Dip. Med. Sc - Other Instt.

1. Faculty of Medical Sciences		4	7	11	15	12	27	0	0	0	19	19	38
Total (Dept) Day :	4	7	11	15	12	27	0	0	0	19	19	38	

Statement showing the course-wise distribution of under graduate (Regular) SC/ST students on rolls during the Academic Session 2011-12

Under Graduate (Schedule Caste)

S.No. Course	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. B.A. (Prog.)	817	733	1550	621	719	1340	508	559	1067	0	0	0	0	0	0	1946	2011	3957
2. B.A. Prog. (Voca.)	74	24	98	85	26	111	23	18	41	0	0	0	0	0	0	182	68	250
3. B.A. (Hons.)	1183	1335	2518	556	892	1448	395	632	1027	0	0	0	0	0	0	2134	2859	4993
4. B.Com (Hons.)	867	455	1322	459	277	736	281	239	520	0	0	0	0	0	0	1607	971	2578
5. B.Com	844	433	1277	638	436	1074	457	292	749	0	0	0	0	0	0	1939	1161	3100
6. B.B.S.	24	16	40	21	29	50	12	19	31	0	0	0	0	0	0	57	64	121
7. BFIA	5	7	12	6	3	9	4	2	6	0	0	0	0	0	0	15	12	27
8. BMMMC	0	1	1	0	7	7	0	4	4	0	0	0	0	0	0	0	12	12
9. B.Sc. (Phy.Sc.)	142	38	180	89	44	133	48	27	75	0	0	0	0	0	0	279	109	388
10. B.Sc. (Life. Sc.)	62	60	122	45	64	109	31	36	67	0	0	0	0	0	0	138	160	298
11. B.Sc. (Appl. Phy. Sc.)	21	8	29	22	21	43	28	20	48	0	0	0	0	0	0	71	49	120
12. B.Sc. (G) Math Sc.	13	2	15	4	2	6	4	3	7	0	0	0	0	0	0	21	7	28
13. B.Sc. (Home Sc.)	0	19	19	0	39	39	0	15	15	0	0	0	0	0	0	0	73	73
14. B.Sc. (Phy. Ed. & HN)	17	4	21	15	3	18	16	1	17	0	0	0	0	0	0	48	8	56
15. B.Sc. (Hons.)	586	414	1000	334	317	651	155	180	335	0	13	13	0	0	0	1075	924	1999
16. B.Sc. (MTR)	1	5	6	3	0	3	2	1	3	0	0	0	0	0	0	6	6	12
17. B.El.Ed.	0	70	70	0	54	54	0	46	46	0	33	33	0	0	0	0	203	203
18. B.P.O.	3	1	4	2	0	2	0	0	0	0	0	0	1	3	4	6	4	10
19. B.O.T.	2	6	8	1	6	7	2	5	7	0	4	4	0	6	6	5	27	32
20. B.P.T.	5	4	9	4	5	9	3	7	10	2	7	9	3	8	11	17	31	48
21. B.Applied Sc. (H)	10	11	21	4	9	13	1	6	7	0	0	0	0	0	0	15	26	41
22. B.Pharma	4	11	15	3	7	10	5	4	9	3	7	10	0	0	0	15	29	44

S.No. Course	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
23. B.F.A.	21	6	27	20	6	26	16	9	25	16	3	19	0	0	0	73	24	97
24. B.A.M.S.	0	0	0	2	5	7	2	2	4	2	4	6	2	4	6	8	15	23
25. B.U.M.S.	1	1	2	1	0	1	0	1	1	1	0	1	1	0	1	4	2	6
26. B.H.M.S.	9	22	31	1	12	13	1	12	13	5	10	15	1	15	16	17	71	88
27. B.D.S.	0	6	6	2	0	2	0	1	1	1	3	4	4	3	7	7	13	20
28. B.E.	68	32	100	69	27	96	60	22	82	145	26	171	0	0	0	342	107	449
29. B.E. (Tech) PT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30. M.B.B.S.	39	55	94	40	43	83	38	48	86	31	34	65	32	33	65	180	213	393
31. Other Cert./Dipl.	233	83	316	7	12	19	0	0	0	0	0	0	0	0	0	240	95	335
32. Syr. Integ. M.Sc.(E. Sc.)	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total :	5051	3862	8913	3054	3066	6120	2092	2211	4303	206	144	350	44	72	116	10447	9355	19802

Under Graduate (Schedule Tribe)

S.No. Course	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. B.A. (Prog.)	465	241	706	238	176	414	219	161	380	0	0	0	0	0	0	922	578	1500
2. B.A. Prog. (Voca.)	16	2	18	17	6	23	14	8	22	0	0	0	0	0	0	47	16	63
3. B.A. (Hons.)	417	391	808	243	298	541	200	259	459	0	0	0	0	0	0	860	948	1808
4. B.Com (Hons.)	175	88	263	80	79	159	70	67	137	0	0	0	0	0	0	325	234	559
5. B.Com	132	63	195	85	58	143	79	37	116	0	0	0	0	0	0	296	158	454
6. B.B.S.	6	6	12	8	4	12	4	6	10	0	0	0	0	0	0	18	16	34
7. BFIA	2	0	2	0	1	1	0	1	1	0	0	0	0	0	0	2	2	4
8. BMMMC	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2
9. B.Sc. (Phy.Sc.)	16	6	22	18	5	23	9	5	14	0	0	0	0	0	0	43	16	59
10. B.Sc. (Life. Sc.)	22	29	51	16	19	35	10	11	21	0	0	0	0	0	0	48	59	107
11. B.Sc. (Appl. Phy. Sc.)	1	1	2	0	0	0	6	2	8	0	0	0	0	0	0	7	3	10
12. B.Sc. (Appl. LifeSc.)	2	2	4	3	2	5	1	2	3	0	0	0	0	0	0	6	6	12
13. B.Sc. (G) Math Sc.	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	2	0	2
14. B.Sc. (Home Sc.)	0	0	0	0	3	3	0	2	2	0	0	0	0	0	0	0	5	5
15. B.Sc. (Phy. Ed. & HN)	4	0	4	4	2	6	0	0	0	0	0	0	0	0	0	8	2	10
16. B.Sc. (MTR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17. B.Sc. (Hons.)	182	121	303	101	101	202	67	58	125	0	6	6	0	0	0	350	286	636
18. B.El.Ed.	0	14	14	0	16	16	0	17	17	0	9	9	0	0	0	0	56	56
19. B.P.O.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20. B.O.T.	0	1	1	0	0	0	0	0	0	0	2	2	2	2	4	2	5	7
21. B.P.T.	2	1	3	0	2	2	0	1	1	2	2	4	3	0	3	7	6	13
22. B.Applied Sc. (H)	0	2	2	1	0	1	0	0	0	0	0	0	0	0	0	1	2	3
23. B.Pharma	1	1	2	2	1	3	2	1	3	2	1	3	0	0	0	7	4	11
24. B.F.A.	6	4	10	10	3	13	7	3	10	2	3	5	0	0	0	25	13	38
25. B.A.M.S.	0	0	0	1	1	2	0	0	0	0	2	2	1	3	4	2	6	8
26. B.U.M.S.	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1

S.No. Course	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
27. B.H.M.S.	0	5	5	0	1	1	1	0	1	0	2	2	0	3	3	1	11	12
28. B.D.S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29. B.E.	28	13	41	30	11	41	28	11	39	68	20	88	0	0	0	154	55	209
30. M.B.B.S.	11	21	32	9	16	25	7	17	24	9	21	30	10	23	33	46	98	144
31. Other Cert./Dipl.	25	11	36	2	1	3	0	0	0	0	0	0	0	0	0	27	12	39
32. Syr. Integ. M.Sc.(E. Sc.)	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Grand Total :	1514	1024	2538	870	807	1677	725	669	1394	83	68	151	16	31	47	3208	2599	5807

**Statement showing the Course-wise distribution of Post graduate (Regular) SC/ST Students on Rolls
for the year 2011-12**

Post Graduate (Schedule Caste)

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. B. Lib. Sc.	5	3	8	0	0	0	0	0	0	5	3	8
2. B.Ed.	29	60	89	0	0	0	0	0	0	29	60	89
3. B.Ed. (Special Education)	3	5	8	0	0	0	0	0	0	3	5	8
4. B.P.Ed.	10	5	15	0	0	0	0	0	0	10	5	15
5. DM/MCH	0	0	0	0	0	0	0	0	0	0	0	0
6. L.L.B.	303	67	370	190	34	224	104	39	143	597	140	737
7. M. Lib. Sc.	1	2	3	0	0	0	0	0	0	1	2	3
8. Master of Arts	181	219	400	122	183	305	0	0	0	303	402	705
9. M.Com	33	17	50	27	20	47	0	0	0	60	37	97
10. M.B.E.	9	3	12	3	4	7	0	0	0	12	7	19
11. M.F.C.	5	2	7	2	2	4	0	0	0	7	4	11
12. MHROD	3	5	8	7	1	8	0	0	0	10	6	16
13. MIB	5	0	5	7	2	9	0	0	0	12	2	14
14. Master of Computer Application	2	6	8	5	2	7	3	3	6	10	11	21
15. M.Sc.	72	94	166	66	74	140	0	0	0	138	168	306
16. M.Sc. (Appl. Sc.)	0	0	0	0	0	0	0	0	0	0	0	0
17. M.Pharma	0	0	0	0	0	0	0	0	0	0	0	0
18. M.Nursing	0	0	0	0	0	0	0	0	0	0	0	0
19. Master of Fine Arts (M.F.A.)	0	0	0	0	0	0	0	0	0	0	0	0
20. M.Tech (Science)	1	3	4	2	0	2	3	3	6	6	6	12
21. M.Tech. (Mic. Elec.)	5	1	6	1	0	1	0	0	0	6	1	7
22. M.Ed. (Full Time)	2	4	6	0	0	0	0	0	0	2	4	6

S.No.	Course	I Year			II Year			III Year			Total		
		M	F	T	M	F	T	M	F	T	M	F	T
23.	M.Ed. (Part Time)	2	4	6	0	6	6	0	0	0	2	10	12
24.	M.P.Ed.	5	4	9	6	1	7	0	0	0	11	5	16
25.	Master of Laws (L.L.M. Two years)	3	6	9	6	1	7	0	0	0	9	7	16
26.	Mastter of Laws (L.L.M. three years)	9	0	9	5	2	7	0	2	2	14	4	18
27.	Master of Comp. Laws (MCL Two years)	0	0	0	0	0	0	0	0	0	0	0	0
28.	M.B.A. (Full time two years)	14	13	27	16	5	21	0	0	0	30	18	48
29.	M.B.A. Mgt. of Service (Full time)	0	0	0	7	3	10	0	0	0	7	3	10
30.	M.B.A. (Part time three years)	39	5	44	30	5	35	22	3	25	91	13	104
31.	M.B.A. (H.C.A. three years)	6	0	6	3	1	4	4	0	4	13	1	14
32.	M.Tech (Full Time)	4	2	6	3	0	3	0	0	0	7	2	9
33.	M.Tech (Part time)	0	0	0	0	0	0	0	0	0	0	0	0
34.	M.E. (Full time)	0	0	0	0	0	0	0	0	0	0	0	0
35.	M.E. (Part time)	0	0	0	0	0	0	0	0	0	0	0	0
36.	M.Sc. (App. Physics) Pt	0	0	0	0	0	0	0	0	0	0	0	0
37.	MDS (M. in Dental Sug.)	1	0	1	1	2	3	0	0	0	2	2	4
38.	MD (Ayurvedic Unani)	0	0	0	0	0	0	0	0	0	0	0	0
39.	MD (Homoeipathic Med.)	0	0	0	0	0	0	0	0	0	0	0	0
40.	M.Phil	26	34	60	0	0	0	0	0	0	26	34	60
41.	Medical Degree	31	40	71	35	28	63	22	15	37	88	83	171
42.	Medical Diploma	1	5	6	3	4	7	0	0	0	4	9	13
43.	Other Cert./Diploma	37	36	73	5	10	15	0	0	0	42	46	88
44.	Ph.D. Combined	191	128	319	0	0	0	0	0	0	191	128	319
Grand Total :		1038	773	1811	552	390	942	158	65	223	1748	1228	2976

Post Graduate (Schedule Tribe)

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
1. B. Lib. Sc.	5	3	8	0	0	0	0	0	0	5	3	8
2. B.Ed.	6	13	19	0	0	0	0	0	0	6	13	19
3. B.Ed. (Special Education)	1	2	3	0	0	0	0	0	0	1	2	3
4. B.P.Ed.	0	2	2	0	0	0	0	0	0	0	2	2
5. DM/MCH	0	0	0	0	0	0	0	0	0	0	0	0
6. L.L.B.	121	56	177	60	20	80	42	27	69	223	103	326
7. M. Lib. Sc.	0	2	2	0	0	0	0	0	0	0	2	2
8. Master of Arts	91	107	198	51	103	154	0	0	0	142	210	352
9. M.Com	15	10	25	9	11	20	0	0	0	24	21	45
10. M.B.E.	5	1	6	3	3	6	0	0	0	8	4	12
11. M.F.C.	2	0	2	1	0	1	0	0	0	3	0	3
12. MHROD	3	1	4	4	3	7	0	0	0	7	4	11
13. MIB	1	2	3	1	1	2	0	0	0	2	3	5
14. Master of Computer Application	1	0	1	2	0	2	0	1	1	3	1	4
15. M.Sc.	16	18	34	14	13	27	0	0	0	30	31	61
16. M.Sc. (Appl. Sc.)	0	0	0	0	0	0	0	0	0	0	0	0
17. M.Sc. (App. Physics) Pt	0	0	0	0	0	0	0	0	0	0	0	0
18. M.Pharma	0	0	0	0	0	0	0	0	0	0	0	0
19. M.Nursing	0	0	0	0	0	0	0	0	0	0	0	0
20. Master of Fine Arts (M.F.A.)	0	0	0	0	0	0	0	0	0	0	0	0
21. M.Tech (Science)	0	0	0	0	0	0	0	0	0	0	0	0
22. M.Tech. (Mic. Elec.)	1	0	1	0	0	0	0	0	0	1	0	1
23. M.Ed. (Full Time)	1	2	3	0	0	0	0	0	0	1	2	3
24. M.Ed. (Part Time)	1	2	3	1	1	2	0	0	0	2	3	5

S.No. Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
25. M.P.Ed.	1	0	1	1	1	2	0	0	0	2	1	3
26. Master of Laws (L.L.M. Two years)	0	4	4	1	2	3	0	0	0	1	6	7
27. Mastter of Laws (L.L.M. three years)	1	2	3	0	0	0	0	1	1	1	3	4
28. Master of Comp. Laws (MCL Two years)	0	0	0	0	0	0	0	0	0	0	0	0
29. M.B.A. (Full time two years)	11	3	14	7	4	11	0	0	0	18	7	25
30. M.B.A. Mgt. of Service (Full time)	0	0	0	2	2	4	0	0	0	2	2	4
31. M.B.A. (Part time three years)	2	1	3	5	1	6	6	0	6	13	2	15
32. M.B.A. (H.C.A. three years)	0	0	0	0	0	0	0	0	0	0	0	0
33. M.Tech (Full Time)	1	1	2	0	0	0	0	0	0	1	1	2
34. M.Tech (Part time)	0	0	0	0	0	0	0	0	0	0	0	0
35. M.E. (Full time)	0	0	0	0	0	0	0	0	0	0	0	0
36. M.E. (Part time)	0	0	0	0	0	0	0	0	0	0	0	0
37. MDS (M. in Dental Sug.)	0	0	0	0	0	0	0	0	0	0	0	0
38. MD (Ayurvedic Unani)	0	0	0	0	0	0	0	0	0	0	0	0
39. MD (Homoeipathic Med.)	0	0	0	0	0	0	0	0	0	0	0	0
40. M.Phil	20	25	45	0	0	0	0	0	0	20	25	45
41. Medical Degree	13	22	35	9	24	33	13	8	21	35	54	89
42. Medical Diploma	1	2	3	2	3	5	0	0	0	3	5	8
43. Other Cert./Diploma	13	13	26	1	3	4	0	0	0	14	16	30
44. Ph.D. Combined	46	44	90	0	0	0	0	0	0	46	44	90
Grand Total :	379	338	717	174	195	369	61	37	98	614	570	1184

**Statement showing the Course-wise distribution of Under Graduate (Regular) SC/ST Students on
Rolls for the year 2011-12**

Scheduled Caste

S.No. Course	Degree		Dip./Cert.		Total		Total
	M	F	M	F	M	F	
1. Arts	2956	3390	174	52	3130	3442	6572
2. Ayur. & Unani Med.	12	17	0	0	12	17	29
3. App.Soc.Sc.&Humanities	162	180	42	17	204	197	401
4. Commerce & Business	3546	2132	0	0	3546	2132	5678
5. Education	0	203	0	0	0	203	203
6. Homoeopathic Med.	17	71	0	0	17	71	88
7. Inter-Disciplinary	178	141	0	0	178	141	319
8. Mathematical Sc.	438	309	0	0	438	309	747
9. Medical Sc.	193	232	0	0	193	232	425
10. Music & Fine Arts	84	39	0	0	84	39	123
11. Science	1074	1000	18	24	1092	1024	2116
12. Social Science	1205	1439	6	2	1211	1441	2652
13. Technology	342	107	0	0	342	107	449
Grand total :	10207	9260	240	95	10447	9355	19802

Scheduled Tribes

S.No. Course	Degree		Dip./Cert.		Total		Grand Total
	M	F	M	F	M	F	
1. Arts	1200	995	20	8	1220	1003	2223
2. Ayurvedic & Unani Medicine	3	6	0	0	3	6	9
3. App. Soc. Sc. & Humanities	22	27	4	2	26	29	55
4. Commerce & Business	621	392	0	0	621	392	1013
5. Education	0	56	0	0	0	56	56
6. Homoeopathic Med.	1	11	0	0	1	11	12
7. Inter-Disciplinary & Applied Scs.	36	27	0	0	36	27	63
8. Mathematical Sciences	99	52	0	0	99	52	151
9. Medical Science	46	98	0	0	46	98	144
10. Music & Fine Arts	28	14	0	0	28	14	42
11. Science	346	316	3	2	349	318	667
12. Social Sciences	624	538	1	0	625	538	1163
13. Technology	154	55	0	0	154	55	209
Grand total :	3180	2587	28	12	3208	2599	5807

**Statement showing the Course-wise distribution of Post Graduate (Regular) SC/ST Students on
Rolls for the year 2011-12**

Schedule Caste

S.No. Course	Degree		Dip./Cert.		Total		Total
	M	F	M	F	M	F	
1. Arts	121	223	14	16	135	239	374
2. Ayurvedic & Unani Medicine	0	0	0	0	0	0	0
3. App. Soc. Sc. & Humanities	13	7	4	10	17	17	34
4. Commerce & Business	89	49	4	1	93	50	143
5. Education	36	79	0	0	36	79	115
6. Homoeopathic Medicine	0	0	0	0	0	0	0
7. Inter-Disciplinary	44	32	0	3	44	35	79
8. Law	620	151	0	0	620	151	771
9. Mathematical Sciences	63	70	4	4	67	74	141
10. Medical Science	90	85	4	9	94	94	188
11. Music & Fine Arts	0	0	3	1	3	1	4
12. Management	141	35	0	0	141	35	176
13. Science	87	105	1	3	88	108	196
14. Social Sciences	174	173	12	8	186	181	367
15. Technology	7	2	0	0	7	2	9
Grand total :	1485	1011	46	55	1531	1066	2597

Schedule Tribe

S.No. Course	Degree		Dip./Cert.		Total		Grand Total
	M	F	M	F	M	F	
1. Arts	53	97	6	2	59	99	158
2. Ayurvedic & Unani Medicine	0	0	0	0	0	0	0
3. App. Soc. Sc. & Humanities	8	4	6	5	14	9	23
4. Commerce & Business	36	28	1	0	37	28	65
5. Education	10	20	0	0	10	20	30
6. Homoeopathic Med.	0	0	0	0	0	0	0
7. Inter-Disciplinary	5	10	0	0	5	10	15
8. Law	225	112	0	0	225	112	337
9. Mathematical Sciences	10	10	0	0	10	10	20
10. Medical Science	35	54	3	5	38	59	97
11. Music & Fine Arts	0	0	0	0	0	0	0
12. Management	33	11	0	0	33	11	44
13. Science	22	18	0	2	22	20	42
14. Social Sciences	93	115	1	7	94	122	216
15. Technology	1	1	0	0	1	1	2
Grand total :	531	480	17	21	548	501	1049

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**Statement showing the Faculty-wise distribution of Ph.D. Enrolment of SC/ST candidates
for the year 2011-2012**

S.No. Department	SC			ST		
	M	F	T	M	F	T
Faculty of Arts						
1. Arabic	0	0	0	0	0	0
2. Buddhist Studies	4	3	7	2	0	2
3. English	2	0	2	0	1	1
4. Germanic & Romances	1	0	1	0	0	0
5. Hindi	34	35	69	12	5	17
6. Library & Information	4	0	4	1	1	2
7. Linguistics	1	0	1	1	0	1
8. Modern Indian Language	5	0	5	1	1	2
9. Persian	0	0	0	0	0	0
10. Philosophy	1	0	1	1	1	2
11. Psychology	1	4	5	0	1	1
12. Punjabi	0	0	0	0	0	0
13. Sanskrit	4	8	12	2	2	4
14. Urdu	15	8	23	3	2	5
Total :	72	58	130	23	14	37

S.No. Department	SC			ST		
	M	F	T	M	F	T
Faculty of Social Sciences						
1. Adult Continue Education & Extension	0	0	0	0	0	0
2. African Studies	0	0	0	0	0	0
3. East Asian Studies	1	0	1	0	0	0
4. Economics	0	0	0	0	0	0
5. Geography	4	2	6	0	0	0
6. History	2	1	3	2	0	2
7. Political Science	12	6	18	4	0	4
8. Social Work	0	2	2	0	0	0
9. Sociology	2	1	3	3	0	3
Sub-Total (Social Sc.) :	21	12	33	9	0	9
Faculty of Commerce & Business						
1. Commerce	0	0	0	0	0	0
2. Financial Studies	0	0	0	0	0	0
Sub-Total (Commerce & Business) :	0	0	0	0	0	0
Faculty of Mathematical Sciences						
1. Computer Science	0	0	0	0	0	0
2. Mathematics	8	0	8	2	1	3
3. Operational Research	2	0	2	1	0	1
4. Statistics	0	0	0	0	0	0
Sub- Total (Mathematical Sc.) :	10	0	10	3	1	4

S.No. Department	SC			ST		
	M	F	T	M	F	T
Faculty Science						
1. Anthropology	1	4	5	3	8	11
2. Botany	8	8	16	1	3	4
3. Chemistry	9	4	13	0	0	0
4. Dr. B.R.A. Centre for Bio-Medical	4	4	8	1	1	2
5. Environmental Biolog	0	0	0	0	0	0
6. Geology	5	0	5	1	5	6
7. Home Science	0	1	1	0	1	1
8. Nursing	0	0	0	0	0	0
9. Pharmacy	1	0	1	0	0	0
10. Physics	11	5	16	1	0	1
11. Zoology	7	10	17	0	2	2
Sub-Total (Science) :	46	36	82	7	20	27
Faculty of Inter-disciplinary & App. Sc.						
1. Bio-Chemistry (SDC)	3	0	3	0	0	0
2. Bio-Physics (SDC)	0	0	0	0	0	0
3. Electronic Science	3	1	4	0	0	0
4. Genetics (SDC)	1	2	3	1	1	2
5. Microbiology (SDC)	2	0	2	0	0	0
6. Plant Molecular Biology	1	1	2	0	0	0
7. Physical Education	1	1	2	0	1	1
Sub-Total (Inter-disciplinary) :	11	5	16	1	2	3

S.No. Department	SC			ST		
	M	F	T	M	F	T
Faculty of Law						
1. Law	6	1	7	3	2	5
Sub-Total (Law) :	6	1	7	3	2	5
Faculty of Medical Sc.						
1. Faculty of Medical Sc.	5	2	7	0	1	1
Sub-Total (Medical) :	5	2	7	0	1	1
Faculty of Music and Fine Arts						
1. Music	8	5	13	0	1	1
Sub-Total (Music & Fine Arts) :	8	5	13	0	1	1
Faculty of Management Studies						
1. Management Studies	2	1	3	0	0	0
Sub-Total (Management stu.) :	2	1	3	0	0	0

S.No. Department	SC			ST		
	M	F	T	M	F	T
Faculty of Technology						
1. Technology	3	1	4	0	0	0
Sub-Total (Technology) :	3	1	4	0	0	0
Faculty of Applied Social Sciences & Humanities						
1. Faculty of Applied Social Sciences & Humanities	0	0	0	0	0	0
Sub-Total (A.S.S. & H.) :	0	0	0	0	0	0
Faculty of Education						
1. Education	7	7	14	0	3	3
Sub-Total (Education) :	7	7	14	0	3	3
Grand Total :	191	128	319	46	44	90