

ACHIEVEMENTS OF THE YEAR

Academic

It gives me pleasure and satisfaction to report that the University of Delhi has with its traditions and growth, moved from strength to strength. This is reflected in the achievements and signposts established by the University.

I would like to mention at the very outset that the University of Delhi has been placed among the top ten institutions of higher education in India surveyed by Times Higher Education World – Thomson Reuters. This is a tribute to the inherent strengths in the system and institutions of the University and reflects the caliber of our students, faculty, administrative and support staff besides its infrastructure.

The University has introduced two new courses in this academic year:

- (i) Master of Mathematics Education under Meta University concept
- (ii) B.Tech. Humanities under Meta College concept

The Academic Council and Executive Council of the University have approved the introduction of a four-year undergraduate programme course with multiple degree options from this academic year 2013-2014.

Innovation Projects

We are glad to report that about 17 projects have received media attention, and four are filing patents. The hands on approach showed results at the Innovation Plaza and drew attention to real life problems of shelter, water and air pollution, urban transport, nutrition, preservation of history and culture, weekly markets and many others. Many newspapers have periodically carried different reports and subsequently one book on weekly bazaars in Delhi has been published.

The Academic Congress of the University of Delhi was held on 6th and 7th September 2012 on the subject “Enabling the Young: Rethinking Education”. The sessions explored changes in knowledge and learning systems in India and proposed good practices for meeting the challenges of higher education in the 21st Century. More than 50 personalities were the speakers amongst them were Dr. Sam Pitroda, Advisor to the Prime Minister, Prof. Mrinal Miri, Rajya Sabha Member, K. Srikant, cricket icon. About 2000 participants shared views on various aspects of education such as curriculum, research, social implications, school-college interface, skills training, entrepreneurship and sports. The Vice-Chancellor met 4000 students and 600 parents who participated to the academic congress.

Gyanodaya Express

The University of Delhi assisted by the Indian Railways organized a dedicated train “Gyanodaya Express” for two educational journeys. The first batch of 940 NCC and NSS girl students, accompanied by 60 teachers and staff, travelled from 8th to 19th July 2012 through central and western India to understand Gandhian philosophy and the diversity of the country. They visited historically and culturally important cities such as Sabarmati, Mumbai Naval Base, Madgaon, ISRO and Wardha. The second batch of 865 men and women cadets from NCC along with

30 students of special needs, 65 teachers, 21 staff and a media team travelled west border areas of Rajasthan and interacted with Army personnel to understand the challenges of national security. The trains were equipped with internet, library, laptops and project equipment. The students relate book knowledge to their travel experiences under the guidance and supervision of teachers.

The Legacy of Srinivasa Ramanujan

An International Conference, commemorating the 125th birth anniversary of Ramanujan was organised from 17th to 22nd December, 2012. 'The legacy of Srinivasa Ramanujan' was discussed and brought to a conclusion to mark it as National Mathematical Year. Dr. M.M. Pallam Raju, Minister of Human Resource Development inaugurated the session with a valedictory address by Mr. Jitin Prasad, Minister of State, HRD. The six-day session was attended by several renowned mathematicians across the Globe. The SASTRA Ramanujan Prize of \$10,000 was awarded to Professor Zhiwei Yun, Stanford University, USA. Delhi University had announced prizes for a students' competition on "Encryption/Decryption" and gave the awards to three different teams from St. Stephens' College, Keshav Mahavidyalaya and Ramjas College. These winning teams will visit Chennai and Cambridge where Ramanujan lived and studied.

National Knowledge Network (NKN)

To provide higher education to a large number 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 them for 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 other universities of the country and globally for collaborative programmes for the virtual learning environment.

An unprecedented turnout of students participated in the launch of the Public Lecture Series initiated by National Knowledge Network on 23rd January 2013. A live audience of 1200 persons were linked to 11 institutions across India in a two-way interactive mode in the Vice Regal Lodge, Convention Hall. Another 500 institutions could see the proceedings through a one-way link. The session, moderated by Vice Chancellor Prof. Dinesh Singh saw Dr. Sam Pitroda and Dr. Michael Sandel from Harvard University addressed the topic "Democratising Information, Justice, Equality and the Rule of Law." The participating institutions included IIT Bombay, IISc Bangalore, IIT Guwahati, Gujarat Vidyapeeth and Lady Shri Ram College for Women (DU). About 2,00,000 people simultaneously witnessed this Public Lecture and established the power of communication through IT. It is a pride for the students of the University of Delhi who formed the first audience for such a programme, possibly the largest e-network in the educational system of the country.

University Journals

The University of Delhi has announced to launch three new journals on Creative Writing, Humanities and Social Sciences, and Natural Sciences. Primarily foregrounding significant work by students and teachers of the University, the journals will have eminent advisors and peer reviewers. These journals will be available on-line, free of charge, with open access.

Besides the academic programmes, many other activities were held in this period which expanded the learning experience. Some of these are as follows:

Antardhvani – Delhi University’s Annual Cultural Festival

The second season of Antardhvani and the Flower Show was inaugurated on 22nd February 2013 by Shri Kapil Sibal, Minister of Communications and Information Technology. More than 1,50,000 visitors visited the University stadium complex to enjoy Antardhvani’s offerings. It included music and dance, theatre, sports, an international plaza, a multi-cuisine food court and many other creative events. Exhibitions were mounted by NCERT, IGNCA, College of Art, Sports Council and Gandhi Smriti. The Innovation Plaza was well applauded which presented 113 interdisciplinary projects from different colleges besides 20 stalls from the Cluster Innovation Centre, and the Institute of Life Long Learning. Delhi University introduced this year, ‘Awards of Good Practice’. Different colleges and departments bagged this award. Maharaja Agrasen College was awarded `10 lakhs, Kalindi College `7 lakhs and Acharya Narendra Dev College `5 lakhs each. Commendation prizes of `1 lakh each were given to Shaheed Bhagat Singh College, Shivaji College and the Non-Collegiate Women’s Education Board. In the category of departments of the University, the Physics Department was awarded `10 lakhs, the Psychology Department `7 lakhs and the Geology Department `5 lakhs each. Commendation prizes of `1 lakh each were given to the Persian Department, Department of Slavonic and Finno-Ugrian Studies, Law Centre 1 and the Department of Zoology.

His Holiness the Dalai Lama’s Visit

His Holiness, the Dalai Lama, who is also an Honorary Professor at the University of Delhi, held a special meeting on 14th January 2013, with students and faculty on how to integrate scientific research as part of a curriculum on ethics. Accompanied by the Bhutan Prime Minister, Dr. Lobsang Sangay, and a team of eminent scientists, social scientists, and educational administrators, His Holiness kept the audience spell bound with his discourse on ‘Secular Ethics’. Speaking of the ‘hygiene of the mind’ he emphasized the values of compassion, scientific findings, and conscience in leading towards humanitarian social order. He emphasized that understanding the principals of secular ethics from an early age is important. The question answer session with students engaged the Dalai Lama about violence, poverty, global warming and other contemporary issues and were deeply engrossed in the thoughtful conversations that followed.

Software Technology Park on Campus

Software Technology Park of India (STPI) signed a MoU with Delhi University on 20 January 2013 to set up Technology Parks at the Cluster Innovation Centre, north campus to begin with and will be expanded to other areas later. The STPI will enable students to get training in software, hardware and entrepreneurship, thereby broadening the corpus of skills and enhancing employment capability.

Delhi University Archives

The Delhi University Archives have been relocated to three floors in the Vice Regal Lodge and are open to public for guided tours by appointment. The building which has special significance served

once as a Circuit House, then became a “temporary” home to several Viceroys and was later handed over to the University in 1933. Visitors are briefed to this history. The Ball room and the Oval room capture a bygone era. Mahatma Gandhi would have come to this building for meetings in preparation of the Irwin pact. One gallery on a floor recounts the history of the University since 1922, its founding year, while another gallery has outstanding photographs of the 'Uprising of 1857'. The basement takes visitors to the chamber where Shaheed Bhagat Singh may have been imprisoned opened for the first time. The Archives make it possible for visitors to see a part of the Vice Regal Lodge and to imaginatively experience some moments in history.

Delhi University's Foundation Day

In 90 years of its history, the University of Delhi celebrated its Foundation Day for the first time on 2nd May 2012. It was a coming together of the past and the present. Prof. Dinesh Singh said we must recall the significant history of the University, founded in 1922. Dr. Karan Singh, Member of the Rajya Sabha, and an alumnus of the University was the Chief Guest on this occasion. He unfurled the University flag and gave a stimulating address to the guests.

Remembering Rabindranath Tagore

To mark the 150th birth anniversary of Nobel laureate, Rabindranath Tagore, the University of Delhi organised a programme on 24th April 2012. Dr. Sonal Mansingh, the eminent dancer, Padma Vibhushan awardee, presented Tagore's depictions of 'Naayika' through lyrics, abhinaya and dance.

Classical Dance Performance

Padma Bhushan Swapna Sundari gave a memorable dance performance, “Vilasini Natyam: Temple and Court Dance Tradition in Andhra Pradesh” on 8th February 201 in the Shankar Lal Concert Hall. She is a highly distinguished and respected classical dancer-singer and scholar of present times. Her most noteworthy contributions to Indian classical dance is the comprehensive revival and successful crusade of Vilasini Natyam.

Student Internship Programme

Sports: The University of Delhi sent 16 football players, two coaches and one administrator for sports training to the Lincoln University and Asia Pacific Football Academy, New Zealand on agreement sharing basis between the universities. This initiative received strong support from the New Zealand government (Education New Zealand) which covered several aspects of the visit.

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

Delegations: Various foreign delegations visited the office of Dean Academics and Dean International Relations to discuss various possibilities of academic collaborations. Most of them are from China, Japan, South Africa, USA, UK, Australia, New Zealand, Korea, and other countries.

UGC AND RESEARCH GRANTS

UGC Grants

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

S.No.	Department	Period
1.	Linguistics	01.04.2010 to 31.03.2015
2.	Economics	01.04.2010 to 31.03.2015
3.	Physics and Astrophysics	01.04.2010 to 31.03.2015
4.	Political Science	01.04.2010 to 31.03.2015
5.	Geology	01.04.2011 to 31.03.2016

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'.

Dr. 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'.

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

Dr. B.C. Choudhary: Department of Physics and Astrophysics has been sanctioned `2 crores from DST for the project titled 'Collaboration....Fermilab'.

Dr. Sunil Kumar 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 lakhs each:

Name	Department
Dr. Kaustuv Datta	Genetics
Dr. Yogender Pal Khasa	Microbiology

Prof. Pawan Kumar Jain	Mathematics
Prof. R.C. Kuhad	Microbiology
Dr. A. Venkatraman	Management Studies
Dr. Saurabh Raghuvanshi	Plant Molecular Biology
Dr. Shikha Rani	Biophysics
Prof. V.K. Chaudhary	Biochemistry
Prof. Anil Grover	Plant Molecular Biology
Prof. B.K. Thelma	Genetics
Prof. T. Satyanarayana	Microbiology
Prof. I. Dasgupta	Plant Molecular Biology
Dr. Tapasaya Srivastava	Genetics
Dr. Manisha Goel	Biophysics
Dr. Swati Saha	Genetics
Prof. M.V. Rajam	Genetic
Dr. Kuldeep Sharma	Botany
Prof. C.R. Babu	C.E.M.D.E.
Prof. S. Uma	Chemistry
Prof. Amar Kumar	Botany
Prof. Vinay Gupta	Physics & Astrophysics
Dr. Binay Kumar	Physics & Astrophysics
Dr. Amarjeet Kaur	Physics & Astrophysics
Dr. D.B. Sahoo	Botany
Dr. Ruchi Srivastawa	Botany
Dr. D. Parimala	Education
Dr. Arti Gupta	Physics & Astrophysics
Dr. Sanjeev Kumar Verma	Physics & Astrophysics
Dr. Neelu Jain Gupta	Zoology
Dr. Shilpi Saxena	Geology
Dr. Jasmeet Kaur Abat	Botany
Dr. Manoj Trivedi	Chemistry

In addition to the above, other projects with a total grant of more than Rupees 10 crores have been sanctioned to the faculty members of various departments of the University by different funding agencies. The Department of Physics and Astrophysics has been sanctioned `2.55 crores from DST FIST grant.

Infrastructure

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 projects.

The following construction work has been completed at North Campus:

Construction of 250 double-seated Rajiv Gandhi Hostel for Girls especially for Schedule Tribe and North Eastern Students at Dhaka Hostel Complex.

Construction of additional 150 double-seated rooms in Rajiv Gandhi Hostel for Girls.

Construction of 70 'D' type flats at Dhaka Hostel Complex.

Construction of 350 double-seated rooms Girls Hostel at Dhaka Hostel Complex.

Restoration/renovation of Anthropology Department.

Construction of a high class Bamboo Cottage with deluxe accommodation in the University Guest House compound.

The following construction work is in progress at North Campus:

Construction of Lecture Halls for Faculty of Social Sciences, and Faculty of Mathematical Science building.

Construction of Examination building.

Restoration/renovation of Botany Department (New and Old Blocks).

New Chemistry Block.

Extension of Botany Department.

Construction of bamboo structure halls with toilet blocks at the back of the Faculty of Social Sciences.

Construction of 500 capacity (250 rooms double-seated) Girls hostel and 1000 capacity (500 rooms double-seated) Boys hostel at Village Dhaka.

Agreements and MoUs:

In the pursuit to enrich its academic inputs and experiences, the University of Delhi has maintained its tradition of entering into 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 foreign Universities/Institutes:

University of Maryland, USA

Vietnam Academy of Social Sciences (VASS)

Vietnam Academy of Science and Technology

Vietnam National University, Ho Chi Minh (VNU HCM)

Vietnam National University, Hanoi (VNU Hanoi)

Korea University, Korea

University of the Fraser Valley, Canada

Norwegian University of Science and Technology, Trondheim, Norway

University of Calgary, Canada

Hokkaido University, Japan

Korea National University of Arts, Seoul, Korea

Fudan University, China

University of Wales, Newport, UK

Georg-August-Universitat Gottingen, Germany

Alabama State University, USA
University of Melbourne, Australia
University College Dublin and National University of Ireland, Dublin
Osaka University, (Graduate School of Science) Japan
Kazakh National Pedagogical University, Kazakhstan
University Paris-Dauphine, Paris, France
Massey University, New Zealand
Lincoln University and Asia Pacific Football Academy, Lincoln, New Zealand
University of Potsdam, Germany
University of Wuppertal, Germany
Ecole Normale Supérieure (ENS), Paris, France
University of Edinburgh

Symposia/Seminars/Conventions/Lectures

As a part of the academic activities, several conferences, workshops, conventions, symposia, seminars and 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 & Popular Lecture Series 2012-2013

Prof. Dinesh Singh: Vice Chancellor and Prof. of Mathematics, “Infinity and the Art of Counting”, 16 August 2012.

Prof. Harish Trivedi: Department of English. “Reading Indian Literature: Reading Ourselves”, 25 September 2012.

Prof. Jules Hoffmann: Nobel Laureate 2011 in Physiology or Medicine (shared with Bruce A. Beutler and Ralph M. Steinman), 8 October 2012.

Prof. Aditya Malik: Visiting Professor, CIC, “Many Stories – Many Worlds: Oral Narratives and Cultural Communication in India”, 7 November 2012.

Prof. Kumar Murty: Department of Mathematics, University of Toronto, 7 January 2013.

Conferences/Workshop/Seminars/Symposia

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

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

A Seminar on ‘Spillovers, Absorptive Capacity and Agglomeration’ organized by Delhi School of Economics, 19 April 2012.

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

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

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

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

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

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

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

A mark Quest on 'Seminar on Marketing' organized by Department of Business Economics, 7 April 2012.

National Level Research Methodology Workshop Report, 2-11 December 2012.

Annual International Seminar "City City Bang Bang". Contemporary Literary and cultural representations of the city organized by Department of Germanic and Romance Studies.

XXV Annual DPMB Symposium was held in the Department of Plant Molecular Biology, 13-15 February 2013.

Symposium on 'Lignocellulose Biotechnology' organized by Department of Microbiology at University of Delhi South Campus, New Delhi, 12 December 2012.

Punjabi Department in collaboration with Punjabi Academy, Delhi & Punjabi Sahit Sabha, Delhi organized a Symposium on Dr. Mohinder Kaur Gill's latest Poetry Collection "Hamri Gat-Mit", 29 October 2012.

Punjabi Department organized National Seminar "Re-visiting Literary Writings of late Sh. Kartar Singh Duggal -- an eminent Punjabi writer of national and international repute", 19-20 March 2013.

The Department of Modern Indian Languages and Literary Studies organized a National Seminar on "Women's Texts and Historiography", 19-20 February 2013.

The 30th Nizam Annual Lecture was delivered by Dr. Aziz Qureshi, H.E. Governor of Uttarakhand, 20 February 2013.

National Seminar 'Advance Training in Mathematics (ATM) Schools' organized by Department of Mathematics

Awards/Honours

The Faculty members of the University continue to receive the recognition during the academic period. To name a few are:

Prof. Rup Lal: Elected Fellow of Indian National Science Academy (INSA), New Delhi, President, Association of Microbiologists of India and American Society for Microbiology (ASM), Ambassador to the Indian Ocean Region.

Prof. B.K. Thelma: Awarded 'J.C. Bose Fellowship'.

Prof. M.V. Rajam: Awarded 'Fellow of the National Academy of Agricultural Sciences' and also awarded 'Shiksha Rattan Puraskar' by India International Friendship Society. Awarded Fellow of the Andhra Pradesh Academy of Sciences (FAPAS).

Prof. S. Srivastava: Awarded UGC, Basic Science Research Fellowship.

Prof. Deepak Pental: Awarded D.Sc (H.C) University of Nottingham.

Prof. J.P. Khurana: Awarded Prof. S.S. Katiyar Endowment Lecture Award by the Indian Science Congress Association (for 2012-2013), during the 100th ISCA Session, held at Kolkata, in January 2013. He was also elected to the Council of the Indian National Science Academy (INSA) for 2013 to 2015.

Prof. Paramjit Khurana: Awarded Prof. Archana Sharma Memorial Award by the Indian Science Congress Association, 2012, Prof. J.C. Bose Fellowship, 2012 by the Department of Science and Technology, Govt. of India and was also elected Foreign Secretary, National Academy of Sciences, Allahabad, for the year 2013.

Dr. Surekha Katiyar Agarwal: Awarded Innovative Young Biotechnologist Award 2012.

Prof. R.C. Kuhad: Elected as Chairman of National Academy of Microbiological Sciences (NAMS).

Prof. A.K. Pandey: Elected President, East Himalayan Society of Spermatophyte Taxonomy.

Prof. A.K. Bhatnagar: Awarded Fellow National Institute of Ecology, Jaipur/New Delhi.

Dr. Mahesh Verma: Awarded 'Health Care Personality of the year' by FICCI 2012, 'Special Jury Recognition Award to MAIDS for Operational Excellence in Public Sector Health Care delivery for the year 2012' by FICCI and Fellowship of Royal College of Physicians and Surgeons of Glasgow.

Dr. Sangeeta Talwar: Awarded State Award from Govt. of NCT of Delhi.

Prof. Ajay Kumar: Awarded Japan Society for Promotion of Science Fellowship for senior scientist at Gunma University, Japan, June 2012.

Prof. B.K. Dass: Inducted as a member of the Planning Committee for the 5-year project "National Meet of Research Scholars in Mathematical Sciences (NMRSMS) 2012-2016" of Department of Science and Technology. He was also elected President, Academy of Discrete Mathematics and Applications, 2012.

Dr. Satyapal Singh, Assistant Professor of Physical Education in Acharya Narendra Dev College has been awarded the prestigious Dronacharya Award in Para-Athletics category for the year 2012.

Prof. Satish Deshpande: Awarded 'The Malcolm Adiseshiah Award' for distinguished contributions to Development Studies, 2012'.

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

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, Freie Universitat, Berlin, Germany.

Prof. K.V. Bhanu Murthy: Awarded 'Best paper award' at International Conference in Jaipur.

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

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

Dr. Manjit Sing: Honoured with a Project Fellowship 'Late Dr. Kartar Singh Duggal an eminent fiction writer of Punjabi letters of international repute', by the Punjabi Sahit Sabha, Delhi.

Prof. P.B. Kannakumar: Awarded the title 'Isai Gnana Sudaroli' by the organization Apoorva Ragam.

Dr. T.V. Manikandan: Awarded 'Printania Award' from Navasadhana Sangeet Samiti-Banaras.

Dr. Sapna Jain: Conferred the Honorary Adjunct Professorship at the Shaanxi Normal University, P.R. China for a period of three years.

Akash Jindal: University of Delhi student became the youngest Indian to climb Mount Elbrus in Europe.

Ms. Antara Ghosal: M.A. East Asian Studies student has been awarded full scholarship for One year in master degree programme in Public Administration at the School of Public Policy and Management, Tsinghua University, China.

OFFICERS OF THE UNIVERSITY

Chancellor

Hon'ble Mohd. Hamid Ansari

Pro Chancellor

Justice S.H. Kapadia
Justice Altamas Kabir

upto 28.09.2012
w.e.f. 29.09.2012

Vice Chancellor

Prof. Dinesh Singh

Pro Vice Chancellor

Prof. Vivek Suneja

upto 28.02.2013

Dean of Colleges

Prof. Sudhish Pachauri

Director, South Delhi Campus

Prof. Umesh Rai

Director, Campus of Open Learning

Dr. (Ms.) Savita M. Datta

Treasurer

Ms. Janaki Kathpalia

Registrar

Sh. R.K. Sinha
Ms. Alka Sharma

upto 31.03.2012
w.e.f. 05.06.2012

Deans of Faculties

Arts	Prof. H.S. Prasad	
Science	Prof. S.C. Bhatla	
Social Science	Prof. Satish Desapande Prof. Anita Sharma	upto 28.12.2012 w.e.f. 29.12.2012
Law	Prof. Gurdip Sharma	
Management Studies	Prof. Raj S. Dhankar	
Mathematical Sciences	Prof. Bal Kishan Das Prof. Tej Bahadur Singh Prof. Ajay Kumar	upto 21.07.2012 upto 20.12.2012 w.e.f. 20.12.2012

Medical Sciences	Prof. (Ms.) Upreet Dhaliwal	
Music & Fine Arts	Prof. (Ms.) Anupam Mahajan	
Technology	Prof. Raj Senani	
Ayurvedic and Unani	Dr. Rajni Sharma	
Education	Prof. Anita Ramphal	upto 9.04.2012
	Prof. Rama Mathew	w.e.f. 10.04.2012
Inter-Disciplinary and Applied Sciences	Prof. Avinashi Kapoor	upto 1.07.2012
	Prof. P.K. Bhatnagar	upto 7.09.2012
	Prof. Indranil Dasgupta	w.e.f. 8.09.2012
Applied Social Sciences and Humanities	Prof. V.K Kaul	
Commerce & Business	Prof. K.V. Bhanumurthy	upto 31.12.2012
	Prof. J.P. Sharma	w.e.f. 01.01.2013
Proctor	Prof. I. Usha Rao	upto 31.10.2012
	Prof. Satwanti Kapoor	w.e.f. 03.11.2012

CONVOCATION

The University organized its 90th Annual Convocation on 19th March 2013. Shri Pranab Mukherjee, President of India and also the Visitor of the University gave away medals and prizes to meritorious students and delivered the Convocation Address. Professor Dinesh Singh, Vice-Chancellor, presided over the Convocation function. Doctoral degrees were conferred upon 455 students. The University awarded about 150 medals, 65,000 undergraduate degrees and 6,500 post graduate degrees.

STUDENT ENROLMENT

The Enrolment of students in the University of Delhi during the academic year 2012-13 was 5,27,880. Out of these 1,71,390 students were enrolled in different Colleges, 17,885 in the University Teaching Departments, 3,25,260 in the School of Open Learning and 13,345 in the Non-Collegiate Women's Education Board.

AGRICULTURAL ECONOMICS RESEARCH CENTRE

Dr. Usha Tuteja: Impact of emerging marketing channels in Agriculture Marketing – Benefit to producer–seller and Marketing Costs and Margins of Agricultural Commodities in Haryana, (jointly with Dr. Subhash Chandra).

Agriculture Profile of Uttarakhand.

Dr. D.S. Bhupal: Agriculture Profile of Haryana.

The following are the current major areas of research:

Dr. Usha Tuteja: Assessment of Crop wise Marketable and Marketed Surplus of Food grains and Post-Harvest in Haryana.

Baseline Data on Horticulture Crops in Uttarakhand.

Market Intervention Scheme in Uttarakhand.

Honours/Distinctions

Dr. Usha Tuteja: Invited as Guest of Honour in Greeting the Earth organized by Indira Gandhi Technological and Medical Sciences, University, Arunachal Pradesh and the Global Open University, Nagaland, 15 January 2013.

Appointed Examiner to evaluate Ph.D. thesis, Himachal Pradesh University, Shimla.

Dr. D.S. Bhupal: Referred research papers for the following International and National Journals:

The Development Review, Kenyan Chapter of the Online journal :

<http://www.thedevelopmentreview.org>

Global Journal of Economics and Finance.

International Journal of Management and Business Studies (IJMBS).

Indian Journal of Agriculture Marketing (Journal of The Indian Society of Agriculture Marketing).

Rajasthan Economic Journal (Journal of the Rajasthan Economic Association).

Appointed examiner to evaluate Ph.D. thesis by the MGS University, Bikaner (Rajasthan State Govt. University).

Seminars/Conferences attended

Dr. Usha Tuteja: Participated in Conference on “Women and Higher Education: Challenges and Prospects”, organized by the Delhi University Women’s Association and the Centre for Women Studies, 22 March 2013.

Participated in a Conference on “Delivering Inclusive and Sustainable Development” organized by Centre for Policy Research and South Asia Policy Research Institute, Sri Lanka, 9 April 2012.

Dr. D.S. Bhupal: Online video presentation was made of the paper “Indian experience of sustainable and inclusive economic growth – an evaluation of Mahatma Gandhi National Rural Employment Guarantee Scheme” in the International Interdisciplinary Symposium, Bucharest, 18-19 May 2012.

Chaired a technical session in the International Conference on Sports Economics and Vision of London Olympics, 2012, organized by Delhi University Sports Council, 18 April 2012.

All India Conference on organic farming, organized by 35 organizations, 9-12 March 2013.

Publications

Bhupal, D.S. 2012. 'Changing Land Use Pattern in India and its impact on supply of Fresh Vegetables', Journal of Agricultural Science and Technology, Vol. 2, No. 8, 952-961 (A prestigious US Journal).

2012. Indian experience of sustainable and inclusive economic growth – an evaluation of Mahatma Gandhi National Rural Employment Guarantee Scheme, Review of Applied Socio–Economic Research (Vol. 2, Issue 1), pp. 22 – 34 (A Leading European Union Journal).

2012. Location advantages in development of agriculture in Uttar Pradesh: (joint paper by Dr. Paramjit, Ms. Swati, LMA Convention Journal, IIM Lucknow, Transforming Uttar Pradesh through Agriculture, ISSN 2319-3700, pp. 51-7.

2012. India's agrarian crisis: Result of flawed policy paradigm: The Hindu Survey of Indian Agriculture, 102-103.

2012. 'Food Loss, Storage and FDI in Multi–Brand Retail', Farmer's Forum, Vol. 12, No. 6, pp. 42-62.

Regularly publishing articles on Agriculture and rural economy in some of leading National Hindi Dailies: Rashtriya Sahara, Rajasthan Patrika, Naya India, and Tej Kesri.

CENTRE FOR SCIENCE EDUCATION & COMMUNICATION

Major Activities

Science Quest

The 28th Annual Quest started with the Preliminary Round on 23.01.2013 and ended up with the Final Round on 02.03.2013.

The Preliminary Round comprises Written and Interactive Round. Written Round was held on January 23, 2013 and Interactive Round on 2 February 2013. Eight teams participated in the Preliminary Round. Six teams qualified for the Final Round.

The Final Round includes Exposition Round and Problem and Concept Rounds. Exposition Round was held on February 16, 2013 and Problem and Concept Rounds on 2 March 2013.

The winner of Quest 2012-13 was Miranda House. Sri Venkateswara College adjudged Second and Gargi College the third. Other finalists and participants were also given the Consolation Prizes along with the Participation Certificates.

A skywatch programme i.e. Transit of Venus viewing was organized for students and the general public at The Observatory, New Block, Department of Physics & Astrophysics on 6 June 2012. This was the historical event and will now occur only after a long gap of 105.5 years.

INSTITUTE OF INFORMATICS & COMMUNICATION

Major Activities

The Institute organized various activities such as, Industrial lecture series, in which eminent personalities delivered specialized lectures on current trends in the IT industry sector. The students and faculty organized time-to-time Industry-University interaction programme such as "Envisage 13". The faculty actively presented their research work in various platforms in National and International conferences and workshops.

New Addition

Dr. Sanjeev Singh - Assistant Professor

Seminars/Conferences held

National Open Source Tech-Fest "Envisage'13", at UDSC, New Delhi, 16-17 February 2013.

Seminars/Conferences attended

Dr. M.K. Das: National Seminar on Mathematical Analysis and Applications, Kolkata, 6-7 September 2012.

Dr. Sanjeev Singh: 'Convergence in Information Technology', invited talk in International Conference on information processing and wireless System (IP-Wis' 13), Djerba, Tunisia, 21-24 April 2013.

'Collaborative Innovation Network for Sustainable Development', invited talk in International Conference on innovation cluster, Daedock Innopolis, South Korea, 19-20 September 2012.

Publications

Research Articles

Das, M.K. 2012. et.al, 'Cooperative Dynamics of Coupled Neuron Model and Multifractality', Bull. Cal.Soc, 104 (6): 561-590.

Saha, L.M. and Das, M.K. 2012. 'Chaos Estimation in some Discrete Dynamical Systems', Bull. Cal. Soc. 104 (6).

2013. 'Bifurcation and chaos measure in some discrete dynamical systems', J. Math. Comput. Sci., Vol. 3, No.1, 150-166.

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 environment sensitivity studies of river basins, Ministry of Power,

Government of India recognized it as a Centre of Excellence. The Centre has developed state of the art infrastructure and expertise in the area of Remote Sensing and Geographic Information System (GIS) and is rapid strides in helping Public and Private Sector organizations in these frontline areas.

Research Schemes

Title	Sponsoring Organizations
Aquatic Ecological Survey for Various Irrigation projects in M.P.	WAPCOS, Gurgaon
Rehabilitation Action Plan for Raulakot Village in Uttarakhand.	THDC India Ltd., Gurgaon

Publications

Pandit, M.K. and Grumbine, R.E. 2012. 'Ongoing and proposed hydropower development in the Himalaya and its impact on terrestrial biodiversity'. *Conservation Biology*, 26: 1061-1071.

2013. 'Threats from India's Himalaya Dams'. *Science*, 339: 36-37.

Bhatt, J.P. and Pandit, M.K. 2012. Elevational Gradients in Fish Diversity in the Himalaya: Water Discharge is the key driver of distribution patterns. *PloS ONE* 7(9): e46237. Doi: 10.1371/journal.pone.0046237.

Telwala, Y., Brook, B.W., Manish, K. and Pandit, M.K. 2013. 'Climate-Induced Elevational Range Shifts and Increase in Plant Species Richness in a Himalayan Biodiversity Epicentre' *PLoS One* 8(2): e57103. Doi: 10.1371/journal.pone.0057103.

Kumar, A., Bhatt, J.P. and Pandit, M.K. 2012. 'Assessment of species diversity and distribution of diatoms in high altitude aquatic ecosystem of Trans Himalaya, India'. Presented at the XXII International Diatom Symposium, Ghent, Belgium.

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

Major Activities

A public lecture on 'Challenging Conventional Parent-Children Relationships: Self education and disciplined freedom' was delivered by Shanti George, Associate, Learning for Well-Being, Brussels on 8 August 2012.

Four workshops were organized in May, August and November 2012, to prepare the pilot course 'Reflecting on the Environment, Individual and Society: An experiential programme'.

A panel discussion on 'The Paradox of Mind and Brain in Neuroscience and the concept of mind in Western Psychology, Buddhism and Hinduism' was jointly organized by D.S. Kothari Centre and Tibet House, New Delhi on 17 November 2012.

D.S Kothari Centre helped the University of Delhi in collaborating with the Mind and Life Institute, U.S.A, to organize a Dialogue on Science, Ethics and Education on January 14, 2013, chaired by Prof. Dinesh Singh, Vice-Chancellor, University of Delhi.

Four papers have been printed and circulated on the themes of educational philosophy, curriculum, pedagogy and childhood under the Working Paper Series 2012-13.

DEVELOPING COUNTRIES RESEARCH CENTRE

The wetland project was coordinated at DCRC, University of Delhi by Dr. Seema Mehra Parihar; entitled “Mapping Wetland Stress Pattern of East Kolkata Wetland Using High Resolution Remote Sensing Data from the University of Delhi” got completed in 2012 in a Publication form.

Publications

Chandoke, N. and Aggarawal, S. 2013. (eds.), Social Protection Policies in South Asia, New Delhi: Routledge.

CENTRE FOR ENTREPRENEURSHIP AND CAREER ORIENTED PROGRAMME

The Centre organized a workshop along with Department of Computer Science in collaboration with IIT Kharagpur, AIESEC and ARK Techno Robotics on 27-28 January, 2013. Students of VI semester of B.Sc. (Hons.) Computer Science, Shaheed Rajguru College of Applied Science for Women won the preliminary round of National Robotics Championship 2013 at AIESEC-IIT Kharagpur and were selected for the final round of NRC 2013 at AIESEC –IIT Kharagpur.

The centre conducted a workshop on “Ethical Hacking” in collaboration with “White Ink Intel Company”, 29-30 September 2012.

INTER-DISCIPLINARY CENTRE FOR PLANT GENOMICS

Seminars/Conferences attended

Prof. J.P. Khurana: Participated in DBT-BIRAC Innovators Meet held at Heritage Village Resort, Manesar, Gurgaon, 15-16 October 2012.

Delivered Prof. S.S. Katiyar Endowment Lecture, during its 100th Session of ISCA, Kolkata, January 2013.

Participated and Co-chaired a session on “Science, Technology and Innovation (STI) Policy – Implementation Aspects” held at NIPGR, New Delhi, March 2013.

Delivered Inaugural Address during the Colloquium organized by the Department of Plant Sciences, University of Hyderabad, Hyderabad, March 2013.

Publications

Research Articles

2012. 'The Tomato Genome Sequencing Consortium. The tomato genome sequence provides insights into fleshy fruit evolution'. *Nature*, 485: 635-641.

Dwivedi, V., Sangwan, N., Nigam, A., Garg, N., Niharika, N., Khurana, P., Khurana, J.P. and Lal, R. 2012. 'Draft genome sequence of *Thermus* sp. RL isolated from hot water spring located atop the himalayan ranges at manikaran', *India. J. Bacteriol.* 194: 3534.

Anand, S., Sangwan, N., Lata, P., Kaur, J., Dua, A., Singh, A., Verma, M., Khurana, J.P., Kaur, J., Khurana, P., Mathur, S. and Lal, R. 2012. 'Genome sequence of *Sphingobium indicum* B90A, a hexachlorocyclohexane (HCH) degrading bacterium'. *J. Bacteriol.* 194: 4471-4472.

Malhotra, J., Dua, A., Saxena, A., Sangwan, N., Mukherjee, U., Pandey, N., Rajagopal, R., Khurana, P., Khurana, J.P. and Lal, R. 2012. 'Genome sequence of *Acinetobacter* sp. HA isolated from gut of polyphagous insect pest *Helicoverpa armigera*'. *J. Bacteriol.* 194: 5156.

Sangwan, N., Lata, P., Dwivedi, V., Singh, A., Niharika, N., Kaur, J., Anand, S., Malhotra, J., Jindal, S., Nigam, A., Lal, D., Dua, A., Saxena, A., Garg, N., Verma, M., Kaur, J., Mukherjee, U., Dowd, S.E., Rajagopal, R., Khurana, P., Khurana, J.P. and Lal, R. 2012. 'Comparative metagenomic analysis of soil microbial communities across three hexachlorocyclohexane contamination levels'. *PLoS ONE*, 7(9): e46219; pp. 1-12.

Saini, V., Raghuvanshi, S., Khurana, J.P., Ahmed, N., Hasnain, S.E., Tyagi, Akhilesh K. and Tyagi, Anil K. 2012. 'Massive gene acquisitions in *Mycobacterium indicus pranii* provide a perspective on mycobacterial evolution'. *Nucl. Acids Res.* 40: 10832-10850.

CENTRE FOR GENETIC MANIPULATION OF CROP PLANTS

Major Activities

The Centre has developed two hybrids, DMH-1 (based on a CMS/restorer system) 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 BIRAP programme. In 2012-13, a new hybrid DMH-4 has been entered in the ICAR coordinated trials. Extensive work was carried out on development of SNPs by transcriptome sequences using next generation sequencing. Other major activities of the Centre are on genome mapping to tag 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.

Research Schemes

Title	Principal/Investigator	Sponsoring Organization
Identification and manipulation of genetic factors involved in seed yield and oil content in rapeseed and mustard.	Prof. A.K. Pradhan	DBT
“To conduct confined field trials and biosafety studies on genetically engineered Brassica juncea (male sterility and restorer lines as pollination control mechanism) for heterosis breeding and yield improvement.	Prof. A.K. Pradhan	DBT

Honours/Distinctions

Prof. A.K. Pradhan: Fellow of Indian National Science Academy, New Delhi.

Publications

Research Articles

Yadava, S.K., Arumugam, N., Mukhopadhyay, A., Sodhi, Y.S., Gupta, V., Pental, D. and Pradhan, A.K. 2012. ‘QTL mapping of yield associated traits in Brassica juncea: Meta-analysis and epistatic interactions using two different crosses between east European and Indian gene pool lines’. *Theor. Appl. Genet.* 125: 1553-1564.

Kumar, P., Yadava, S.K., Gupta, V., Panjabi-Massand P, Sodhi, Y.S., Pradhan, A.K. and Pental, D. 2013. ‘RNA-seq based SNPs in some agronomically important oleiferous lines of Brassica Rapa and their use for genome-wide linkage mapping and specific-region fine mapping’. *BMC Genomics*, 14: 463.

Kumar, P., Pental, D. and Burma, P.K. 2013. ‘Structural and transcriptional characterization of rbcS genes of cotton (*Gossypium hirsutum*)’. *Plant Mol. Biol. Rep.* DOI 10.1007/s11105-013-0576-1.

INSTITUTE OF LIFELONG LEARNING

The ILLL introduced student community to the world of ICT and made them part of global learning environment. Students of University Delhi and University of Massey got an opportunity to interact with resource persons through video conferencing under the MoU signed.

Research Schemes

Title	Sponsoring Organization
NME-ICT Project for preparing e-contents in the disciplines of History, Commerce, Economics, Botany, Zoology and Mathematics.	MHRD

R&D Doctoral Research Project Gender, Reform and Print Culture in Colonial Punjab, to Amrit Kaur Basra.

University of Delhi

Optimization of cellulose production from *Thermosacus auranticus* RCK2011, a thermophilic fungus and its Application in cellulose hydrolysis to Prof. R.C. Kuhad.

UGC

Development of pretreatment Strategies and bioprocess for cellulolytic enzymes and ethanol from crop byproduct for demonstration at pilot plant to Professor R.C.Kuhad.

Ministry of New and Renewable Energy

Honours/Distinctions

Prof. R.C. Kuhad: Elected Founder Chairman, Indian Academy of Microbiological Sciences.

Associate Editor, Annals of Microbiology.

Editor, Scientific Reports (Nature Publishing Group).

Prof. Shormishtha Panja: Founder member, PEHEL, Delhi University Women's support Group, Edited PEHEL newsletter.

Seminars/Conferences attended

Prof. Ramesh Gautam: Presented paper 'Hindi Natak Rangmunch Aur Film Ki Bhasha' at 9th world Hindi Conference held by Johannesburg, South Africa, 22-24 September 2012.

Professor R.C. Kuhad: Participated at 53rd Annual Conference of Microbiologists of India 'Microbial World: Recent Innovations and Future Trends' at KIIT, Bhubaneswar, 22-25 November 2012.

Prof. Shormishtha Panja: Presented paper titled 'To confine the illimitable': Visual and Verbal Narratives in Two Bengali Retelling of Shakespear at 'Revisiting Shakespear in Indian Literature and Culture' organized by SSI and IP College for Women, Delhi University, 7-9 March 2013.

Dr. Shashi Khurana: Presented paper titled 'Women as Peacemakers:From Text to Reality' at 'Role of women as Peacemakers organized by Thailand Association of University Women under the aegis of International Federation of University Women, Bangkok, Thailand, 14-19 November 2012.

Dr. Amrit Kaur Basra: Presented paper on Sikhism and Environment in 'Religion and Environment organized by Missionszentrale der Franziskaner, Gremany, IIC, New Delhi, 12 January 2013.

Prof. R.C. Kuhad: Coordinated symposium on 'Lignocellulose Biotechnology', sponsored by Lignocellulose Biotechnology Consortium on 12 December 2012.

Prof. Ramesh Gautam: Presented paper on Ram Vilas Sharma at 'Hindi Sahitya Mein Ram Vilas Sharma ka Yogdan' organized by University of Kurukshetra in January 2013.

Dr. Suma Dudeja, et al: Presented paper on 'From Chemical Evolution on Earth to instrumentation Issues for Testing Systems Astrobiology on Exo-Worlds' at International Workshop on Chemical Evolution and Origin of Life, IIT Roorkee, 21-23 March 2013.

Dr. Aditya Saxsena: Participated in 'Delhi Light-Cone Physics' organized by Delhi LC-2012 and Department of Physics and Astrophysics, Delhi University, 10-15 December 2012.

Publications

Books

Kishen, J. and Rajak, B. 2013. (ed.). Vyaisht Arthshastra, New Delhi: Board of Hindi Implementation, University of Delhi.

Gautam, B.S. 2013. (ed.). Tulnatmak Rajnitik Sidhanth ke Paripakshaye, New Delhi: Board of Hindi Implementation, University of Delhi.

2013. Rajnitik Sidhanth, Avdharnaye Evam Vimarsh, New Delhi: Board of Hindi Implementation, University of Delhi.

Kumar, S., Gupta, R., Kumar, G., Sahoo, D. and Kuhad, R.C. 2012. Bioethanol production from *Gracilaria verrucosa*, a red alga, in a bio refinery approach. *Bio Resource Technology* (<http://dx.doi.org/10.1016/j.biortech.2012.10.120>).

Gupta, R., Mehta, G. and Kuhad, R.C. 2012. 'Fermentation of pentose and hexose sugars from corncob, a low cost feedstock into ethanol'. *Biomass and Bioenergy*. 47: 334-341.

Deswal, D., Gupta, R. and Kuhad, R.C. 2012. 'Enhanced exoglucanase production by brown rot fungus *Fomitopsis* sp. RCK2010 and its application for cellulose saccharification'. *Applied Biochemistry and Biotechnology*. 168: 2004-2016.

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 Science and Technology*, 66: 385-393.

Sharma, K.K., Sharma, S., Karp, M. and Kuhad, R.C. 2012. 'Ligninolytic enzymes improve soil DNA purity: Solution to methodological challenges of soil metagenomics'. *Journal of Molecular Catalysis B: Enzymatic*. 83: 73-79.

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'. *Biotechnology for Biofuels*, 5: 16.

Singh, S., Kumar, P., Gopalan, N., Shrivastava, B., Kuhad, R.C. and Chaudhary, H.S. 2012. 'Isolation and partial characterization of actinomycetes with antimicrobial activity against multidrug resistant bacteria'. *Asian Pacific Journal of Tropical Biomedicine*. 2: 1147-1150.

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 Cells, Blood Substitutes, and Biotechnology*. 40: 163-70.

Kumar, A., Gupta, R., Shrivastava, B., Khasa, Y.P. and Kuhad, R.C. 2012. 'Xylanase productions from an alkalophilic actinomycete isolate *Streptomyces* sp. RCK-2010, its characterization and application in saccharification of second-generation biomass'. *Journal of Molecular Catalysis B: Enzymatic*. 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'. *Veterinary 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.

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.

Deswal, D., Sharma, A., Gupta, R. and Kuhad, R.C. 2012. 'Application of lignocellulytic enzymes produced under solid state cultivation conditions'. *Bioresource Technology*. 115: 249-254.

Singh, C. and Singh, S.R. 2012. 'An EPQ model with power-form stock dependent demand under inflationary environment using genetic algorithm', *International Journal of Computer Applications*, 48(15), 25-30. [USA, Indexing: ProQuest, Google Scholar, DOAJ (Directory of Open Access Journal), ScientificCommons] <http://www.ijcaonline.org/archives/volume48/number15/7426-0438>

2012. 'Integrated supply chain model for perishable items with trade credit policy under imprecise environment', *International Journal of Computer Applications*, 48(20), 36-40. [USA, Indexing: ProQuest, Google Scholar, DOAJ (Directory of Open Access Journal), Scientific Commons] <http://www.ijcaonline.org/archives/volume48/number20/7468-0592>

2012. 'An EPQ model with stock dependent demand under imprecise and inflationary environment using genetic algorithm', *International Journal of Engineering Research & Technology*, 1(4), 1-13. [Indexing: DOAJ, EBSCO, Google Scholar, Scientific Commons, CiteseerX, get CITED, Index Copernicus]

Bhattacharjee, A.B., Chela-Flores, J. and Dudeja, S. 2013. 'Modeling spectral bio indicators on small worlds around cooler stars, especially red dwarfs, to appear in *International Journal of Astrobiology*.

2012. "Antarctica as model for the possible emergence of life on Europa", in *Earth and Other Planets in View of Biogenesis: Cellular Origin and Life in Extreme Habitats and Astrobiology*, (eds.) Arnold Hanslmeier, Stephen Kempe and Joseph Seckbach, Springer, Dordrecht, The Netherlands, Vol. 24, 407-419.

CLUSTER INNOVATION CENTRE

Research Schemes

Title	Principal /Investigator	Sponsoring Organization
Identification and monitoring of potentially gifted children in science and mathematics.	Dr. Jyoti Sharma	DST
Eco-friendly Household goods and consumer behavior.	Dr. Jyoti Sharma	University of Delhi
हिन्दी नाटकों के अध्ययन, अध्यापन और अनुसंधान का समाज-मनोभाषा वैज्ञानिक विश्लेषण	डॉ. हर्ष बाला शर्मा	यू.जी.सी.
Dynamics of the calmodulin protein as a function of ionic strength, ph and temperature.	Dr. Sunita Negi	

Seminars/Conferences attended

Dr. Shobha Bagai: Chaired the session on “Peer Learning” at the Academic Congress, hosted by University of Delhi, 6-7 September, 2013.

Dr. Shashi Agarwal: Chaired a session in International Conference on Optimization Modeling and Applications (OPTIMA-2012)

Prof. M.M. Chaturvedi: Invited lecture in DST-ISPIRE camp organized at Hans Raj College, University of Delhi, 17-21 December, 2012.

Invited lecture in DST-ISPIRE camp organized at Desh Bandhu College, University of Delhi, 1-5 October, 2012.

Invited to World Conference on Global Innovation, Organized by Human Life Advancement Foundation, Kuala Lumpur, Malaysia, 26-27 March, 2013.

Dr. Jyoti Sharma: Delivered lecture in International Conference/workshop at Duke Tip- Shiv Nadar University Educator Training, 15-16 February, 2013.

Dr. J.N. Sinha: ‘Material Culture in Historical Perspective: India and the World,’ an invited talk at Academic Staff College, University of Delhi, June, 2013.

‘Research Methodology in Social Sciences IV,’ an invited talk delivered at Academic Staff College, Kumayun University, Nainital, June, 2012.

‘Research Methodology in Social Sciences I, II and III,’ an invited talk delivered at Academic Staff College, Kumayun University, Nainital, June, 2012.

Taught a one-week short course on Material Culture at the National Institute of Design (NID), Ahmadabad, June 2013.

Delivered on invitation several talks on 'Aspects of Indian History and History of Science' on the Vyas Channel of the Consortium of Educational Communications, UGC, New Delhi. Some are: (i) 'Indian Scientists and the Freedom Struggle: M.L. Sarkar,' 12 August, 2013. (ii) 'Indian Scientists and the Freedom Struggle: P.C. Ray,' 13 August, 2013. (iii) 'Indian Scientists and the Freedom Struggle: M.N. Saha,' 14 August, 2013. (iv) 'Amrita Sher-Gill: A Tribute on her 100th Birth Anniversary,' 16 August, 2013.

Dr. Harsh Bala Sharma: WDC—International Conference— मीडिया बाज़ार और कला के भीतर आकर लेती स्त्री छवियाँ, 1–2 अप्रैल, 2013।

सूचना युग में हिन्दी शिक्षण एवं परीक्षण : समस्याएँ एवं परिप्रेक्ष्य – organized by Central Institute of Indian Languages (Ministry of Human Resource Development, Department of Higher Education, Govt. of India) Manasagangotri, Mysore....Title of the Paper is सूचना युग में हिन्दी शिक्षण, 15–16 मार्च 2013।

Academic Congress: Paper presented on — भाषा, रचनात्मकता, शिक्षा और युवा पीढ़ी, 6-7 September 2012.

Dr. Jyoti Sharma: Co-authored, paper entitled, "Technology, Education and Emerging Economies," was presented at the LINC 2013 Conference, which took place on the MIT campus from 16-19 June, 2013.

Participation in International conference Paper titled, "Preparing a road map to identify and mentor mathematically gifted children" presented in the National Meet on Celebration of National Year of Mathematics – 2012 at NIE Campus, NCERT, New Delhi, 20-22 December, 2012.

Dr. Pankaj Tyagi: Presented paper "Anisotropic nature of optical band gap of SrI₂ thin films", International Conference and Workshop on Nanostructured Ceramics and other Nanomaterials" (ICWNCN-2012), pp. 203-204. 13-16 March, 2012 by Department of Physics & Astrophysics, University of Delhi. Co-authored with Vikas Gulia, N.C. Mehra & A.G. Vedeshwar.

"World Conference on Global Innovation" organized by Human Life Advancement Foundation (HLAF), at Putra World Trade Centre, Kuala Lumpur, Malaysia, 27 March 2013.

Co-convener in organizing "International Conference and Workshop on Nanostructured Ceramics and other Nanomaterials", Department of Physics & Astrophysics, University of Delhi, 13-16 March, 2012.

Academic Congress "Enabling the Young : Redefining Education" organized by University of Delhi, and acted as rapporteur for the session "Integrating Mind, Body, and Heart" with Mr. Sanjeev Bhargava, Founder, SEHER, and Mr. K. Srikanth, Chief Selector of the Indian Cricket team as speaker, 6-7 September, 2012.

Dr. Sunita Negi: International Interdisciplinary Science Conference on 'Protein Folding and Diseases', 29-30 November 2012.

Dr. Shashi Agarwal and Dr. J.N. Sinha: "The Legacy of Srinivasa Ramanujan", International conference, University of Delhi, 17-22 December, 2012.

Dr. Umesh: 'The Legacy of Srinivasa Ramanujan' International Conference organized by University of Delhi, 17-22 December, 2013.

27th Annual Conference of Ramanujan Mathematical Society organized by Shiv Nadar University in Delhi, 20-23 October, 2012.

Dr. Sunita Negi: International Interdisciplinary Science Conference on Protein Folding and Diseases, IISC, Bengaluru, 29-30 November 2012.

Dr. Abhijeet Parmar: Workshop on 'Innovative Sensor Systems: Innovative Sensor Systems for Advanced Land Surface Studies', Nottingham, UK.

Dr. Tani Agarwal: Genomeet-2013 at IGIB, New Delhi.

Publications

Books

Tyagi, P. and Rahul Mehra, 2013, "I Discover: A Workbook for ICSE Physics Class 8" (ISBN: 978-1-107-67192-8) Publisher: New Delhi : Cambridge University Press.

2013, "I Discover: A Workbook for ICSE Physics Class 7" by Pankaj Tyagi & Rahul Mehra (ISBN: 978-1-107-69930-4) New Delhi : Cambridge University Press.

2013, "I Discover: A Workbook for ICSE Physics Class 6" by Pankaj Tyagi & Rahul Mehra (ISBN: 978-1-107-69004-2) New Delhi : Cambridge University Press.

2012, "I Discover: A Textbook for ICSE Physics Class 8" by Pankaj Tyagi & Rahul Mehra (ISBN: 978-1-107-66922-2) New Delhi : Cambridge University Press.

2012, "I Discover: A Textbook for ICSE Physics Class 7" by Pankaj Tyagi & Rahul Mehra (ISBN: 978-1-107-68127-9) New Delhi : Cambridge University Press.

2012, "I Discover: A Textbook for ICSE Physics Class 6" by Pankaj Tyagi & Rahul Mehra (ISBN: 978-1-107-68412-6) New Delhi : Cambridge University Press.

Research Journals

Ranjan, A., Kaur, N., Tiwari, V., Singh, Y., Chaturvedi, M.M. and Tandon, V. 2013. V.3, 4-Dimethoxyphenyl bis-benzimidazole derivative, mitigates radiation-induced DNA damage. *Radiat Res.*, 179: 647-62.

Panda, P., Chaturvedi, M.M., Panda, A.K., Suar, M. and Purohit, J.S. 2013. Purification and characterization of a novel histone H2A specific protease (H2Asp) from chicken liver nuclear extract. *Gene*. 1; 512:47-54.

Dhall, M., Chaturvedi, M.M., Rai, U. and Kapoor, S. 2012. Sex-dependent effects of the UCP1-3826 A/G polymorphism on obesity and blood pressure. *Ethn Dis.*, 22:181-4.

Parmar, A., Singh, S. and Hussin, Y.A. 2013. Rapid estimation of tree height and above ground biomass using spaceborne waveform LiDAR: A neuro-genetic approach. In: *Remote Sensing of Environment* [Publication in review].

Agarwal, S. 'Bi-level Multi-objective Linear Programming under Intuitionistic Fuzzy Environment', *International Journal of Pure and Applied Sciences and Technology (IJPAST)*, Vol. 17, No. 2, August 2013.

Agarwal, T., Roy, S., Chakraborty, T.K., Maiti, S. In the Sense of Transcription regulation by G-quadruplexes: Asymmetric effects in sense and antisense strand. (In final revision in Biochemistry).

Agarwal, T., Roy, S., Patowary, A., Chakraborty, T.K., Sivasubbu, S. and Maiti, S. Zebrafish as a model to study morphological effects of G-quadruplex stabilization. (In final revision in PLOS ONE).

Sinha, J.N. Book Review of Prakash Kumar, Indigo Plantations and Science in Colonial India, Cambridge, New York, 2012, commissioned by the Institute of Historical Research, London University, for their journal, Reviews in History.

Journals

'Mathematical Sciences and the Second World War: The Indian Experience', a paper accepted for publication in the Indian Historical Review, ICHR, New Delhi.

Conference Proceedings

'Maulana Abul Kalam Azad's Contribution to the Political Awakening in India,' Proceedings of the all-India seminar on Maulana Azad at Vivekananda Mahavidyalaya, Vidyasagar University, Vivekanagar, West Bengal, 22-23 December. 2011, published in 2012.

'Meghnad Saha and River Management in India,' Proceedings of the Annual session of the Indian History Congress, Gaur Banga University, Malda, West Bengal, published in 2012.

'Anti-Colonial Revolts in Bhojpuri-Speaking Region: Revolts of Fateh Bahadur Sahi and Kunwar Singh in History and Public Memory,' a paper accepted for publication in a book by the Dept. of History, BHU, Varanasi.

CENTRE FOR DETECTOR AND RELATED SOFTWARE TECHNOLOGY

Major Activities

Centre was involved in the major discovery of Higgs Boson in the CMS Experiment at CERN, Geneva, Switzerland.

A high performance computer Cluster facility was procured in 2009 and a major upgrade to this facility is being done now. Research students are utilizing this facility for collaborative research work with CMS, CERN, Switzerland.

Video Conference: Centre's video conferencing facility has been used for collaborative research work and M.Tech. (Nuclear Science & Technology) students' presentations abroad.

Ph.D. Degrees awarded

Ph.D. : 1

Research Schemes

Title	Sponsoring Organization
Particles with the CMS Detector at the Large Hadron Collider and Heavy Ion Physics using LHC at CERN – CMS Experiment.	DST
India LHC Grid Collaboration – Enhancement of Regional World Wide Computing Grid (WLCG).	DST
Simulation of Detector Elements for proton Computed Northern Illinois University, Tomography (pCT) for Cancer Therapy.	Dekalb, USA

Seminars/Conference attended

Dr. Kirti Ranjan: 20th RD50 Workshop, Bari, Italy, 30 May to 1 June 2012.

Dr. Ashutosh Bhardwaj: 21st RD50 Workshop, CERN, Geneva, 14-16 November 2012.

CENTRE FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION

Seminars/Conferences attended

Dr. Vijaya Laxmi Singh: Attended a conference of IJAS in Harvard University Campus, Boston, USA. Her paper “Ethnographic Study of Women’s Agency in Festivals, Fairs, Tirtha and Vrata...” is published in e-journal, Humanities and Social Sciences Review 1(2), ISSN 2165-6258, IJAS Conference in 2012.

Delivered invited talk on ‘Portraying Cultures in Indian sub-continent’ in Orientation Course in ASC, Gujarat University, Ahmadabad, 26 March 2013.

DEAN STUDENTS' WELFARE

Major Activities

Open Days: Nine Open Days Conference in North Campus (Conference Centre) and three in South Campus (SP Jain Centre) were conducted. Altogether, more than 20,000 students and parents attended. The office of Dean Students Welfare designed a feedback form which was filled by the parents and students to give their feedback during these days.

Help Desk: Student Help Desk for SC/ST and North East students was put up at Arts Faculty. For general and PwD candidates it was conducted at Dean Students Welfare Office, Conference Centre. This step was initiated to eliminate undesirable elements from disseminating wrong/inadequate information to the aspiring candidates. These help desks were operational for more than a month at two different centres.

SC/ST/PwD Students: The candidates belonging to SC/ST were registered at four designated centres and admitted on the basis of cut-offs announced by the Special Cell. These cut-offs were based on merit cum choice preference. The merit lists of reserved category students were uploaded on the University website for the dispatch process. Ten cut off lists were declared. The merit lists of PwD candidates were displayed in Conference centre and admission slips were issued from there only.

Web Chat: As in the preceding year, Web chats were held with the help of DUCC to handle online queries. The excerpts of these chats were also made available throughout the admission period for ready reference of prospective students.

COMPUTER CENTRE

Major Activities

A separate 1000 Mbps connection has been provided to South Campus through National Knowledge Network. DUCC, has put in place a new UTM/Firewall system which has huge capacity and can handle the bandwidth consumption up to 2000 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 procured new enhanced models of its Core campus as well.

DUCC has been involved in all the live webcasts of the University events during 2012-2013. These include Annual Convocation, his Holiness Dalai Lama Dialogue, Antardhvani, NKN Public Lecture Series, VC's interaction with class 12th students on 4YUP etc.

DUCC hosts websites of Colleges / Department and Faculty webpages. During 2012-2013, DUCC supported Website Design and hosting of Antardhvani cultural festival; University Information Centre, Department of Statistics, Department of Persian, Women Studies Development Centre, Equal Opportunity Cell, Rajbhasa Section.

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

The University Science Instrumentation Centre 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

1. Pan Electric X-ray diffractometer with thin film attachment has been installed.
2. Agilent Mas Spectrometer has been installed.
3. SEM and CPD for North Campus, and Laser capture mico-dissection microscope (South Campus) have been ordered.

DELHI UNIVERSITY LIBRARY SYSTEM

Major Activities

Delhi University Library System has 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 23,951 volumes of books/periodicals to its collection and 140 books were written off. The total collection as on 31-03-2013 is 15,68,544 volumes. It had 1,640 periodicals on its current list of subscriptions.

Audio Book Resources and Braille Library

The Library has created Digital Audio Document in DAZY form. 350 titles were produced in Braille form during one year using electronic embosser. It produced soft copies of 350 books which includes 336 in Hindi and 14 in English language. 105 Audio books (03 in English and 102 in Hindi), E-Text of 105 books including 85 in English and 20 in Hindi were also produced. 3521 Audio books were distributed on CDs. The membership of the library is 198. It also has 16 computers, 3 audio books production studios and one embosser. The library has softwares like Daize System, Sigtma, Dexbury, Sparsha and Leap Office.

User Services

DULS has received a total of 4,17,144 hit.

Information Literacy Programme

DULS has organized 91 Information Literacy programs in various departments and colleges of University of Delhi including 72 E-Resource Orientation programs, 10 Hands on Training Sessions, 9 One Day Workshops for Research Scholars in Social Sciences. A total of 3209 P.G. Students, 1404 Research Scholars, 1886 Faculty members, and 309 library professionals attended the ILP.

Knimbus

It requires free registration to use this service. Presently there are 998 registered users from Delhi University. In last one year there have been 5745 logins, 15,207 searches and 4,944 articles were down loaded through Knimbus.

Searchable A-Z List of E-Journals

The task of compiling A-Z list of all e-journals was initiated with financial assistance of `2,13,000. However, to improve the data base in terms of its functionality, editing and updating a fresh approval of ` 2,07,000 was received to engage library as well as computer professionals to complete the same. The work of compiling A-Z list of 43,209 e-journals has been completed and a 'Beta version of searchable list on the SQL' platform has been made available on DULS website. It can be accessed at <http://crl.du.ac.in/atozn>. It is being updated on regular basis.

E-Resource Usage Statistics

Delhi University has been adjudged on first position in the usage of E-resources of UGC-Infonet as compared to second in the previous year

DULS databases have been used by the users for 1191742 times.

University of Delhi having recorded the highest usage of Wiley-Black Well e-journals amongst 95 participating members of the UGC-Infonet Digital Library consortium.

Seminars/Conferences attended

Dr. S.C. Jindal, R.N. Vashista, Saleem Anwar, Rajesh Singh, Dr. Narender Kumar, R.P. Singh and Dr. Tariq Ashraf: International Conference on Academic Libraries, ICAL-2013 organized by University Resource Centre at Guru Gobind Singh Indraprastha University, New Delhi, 12-15 February 2013.

Dr. Tariq Ashraf: Attended the International Conference on “Creating Wisdom and Knowledge through shared learning” at IIM, Indore, 10-12 October 2012.

Library Development

No. of Books	=	15,44,733
No of Books added	=	23,951
No. of Books Written off	=	140
Total No. of Books	=	15,68,544

WOMEN’S STUDIES AND DEVELOPMENT CENTRE

Seminars/Conferences held

The Centre organized a workshop titled: “Feminist Theories: Indian Context”, 28 January-1 February 2013.

Organized a Seminar of UGC Women Studies Centres on Women’s Studies: Achievements, Challenges and Future Directions to Commemorate 25 years of Women’s Studies in Higher Education, 6-7 March 2013.

Research Schemes

Prof. Madhu Vij: undertook a project on Gender and Microfinance under the Scheme to strengthen R&D, University of Delhi.

The Centre has undertaken a project to spread awareness about the pros and cons of marrying an NRI sponsored by the Ministry of Overseas Indian Affairs.

Publications

Vij, M. 2012. A survey of factors influencing cost structure in the Indian hotel sector. *Worldwide Hospitality and Tourism Themes*, 4(5). Emerald Grouping Publishing Limited.

Bhatia, M. 2012. ‘Domestic Violence in India: Cases Under the Protection of Women from Domestic Violence Act, 2005’ *South Asia Research*, 32(2), SOAS, London.

Shelly, T. 2013. Consumer Agency of Urban Women in India. In Mathur, N. (ed.) Consumer Culture, Modernity and Identity. New Delhi: Sage.

2012. Book Review, title – Working the Night Shift: Women in India’s Call Centre Industry, author – Reena Patel, Publisher: Orient Blackswan. Intersections: Gender and Sexuality in Asia and the Pacific Issue 30.

DELHI UNIVERSITY WOMEN’S ASSOCIATION

Major Activities

A very informative talk on Cancer Prevention strategies was organized by DUWA in association with Delhi State Cancer Institute.

Inter College Debate competition held on themes relevant to women of today.

Lectures by pediatricians were organized for the parents of the children enrolled at DUWA school on child care so as to help them improve their health and fitness levels. Regular check-ups were also organized for the children, which were conducted by the pediatricians.

Revamped the menu at the school and child care facility so as to make it nutritious, tasty and wholesome.

DUWA’s project Drishti assists the visually challenged students of Delhi University. The members facilitate readings and audio recordings of relevant lessons for the blind students.

DUWA actively participated in Antardhwani, the cultural festival organized by the University of Delhi.

As a part of its social obligations DUWA has kept two collection boxes in its premises on behalf of GOONJ, a Delhi based NGO working for the dignity and rights of the poor.

नॉन कॉलिजिएट विमेन्स एजुके िन बोर्ड

पचास दिन के संक्षिप्त िक्षण कार्यक्रम में नॉन कॉलिजिएट बोर्ड के विद्यार्थियों को अपने अपने िक्षा केन्द्र पर अतिरिक्त कार्यों जैसे डिबेट्स [वाद-विवाद], विवजिस [प्र न-उत्तर], लेखन रचनात्मक प्रतियोगिता को

[एक्स्ट्रा करिकुलर एक्टिविटीज] और कविता प्रतियोगिताओं में भाग लेने का सुअवसर दिया गया। सांस्कृतिक प्रतियोगिताओं जैसे मेंहदी लगाना, चित्रकला, संगीत, नाटक, खेल आदि के अवसर उपलब्ध कराये गये। जिससे वे कॉलिज जीवन के हर अनुभव से अवगत हो सकें। इसके अतिरिक्त विद्यार्थियों में प्रतियोगिता की भावना उत्पन्न करने के लिये विद्यार्थियों में अन्तः केन्द्र िक्षा और सांस्कृतिक गतिविधियां हुईं इन सभी प्रतियोगिताओं की एक झलक हमारे बोर्ड और िक्षण केन्द्रों द्वारा आयोजित वार्षिक समारोह में देखने को मिली। इस रंगारंग कार्यक्रम का प्रद िन 16 मार्च 2013 को [टैगोर हॉल] में किया गया। जिसमें माननीय प्रो. रूप लाल, डीन, परीक्षा मुख्य अतिथि एवं श्रीमती नीलांजना सिंह, अध्यक्ष, दिल्ली विश्वविद्यालय महिला संगठन थे। उन्होंने एन.सी.डब्ल्यू.ई.बी. विद्यार्थियों से बातचीत की।

GANDHI BHAWAN

Major Activities

Gandhi Bhawan organized Gandhi Jayanti Celebrations on 2 October 2012. Message of peace was delivered by Pro-Vice-Chancellor, University of Delhi and prizes were distributed to the winners of Mural Painting Competition organized by Gandhi Bhawan. A two-day Workshop and Consultation on Yoga and Naturopathy for Healthy Lifestyle was held on 30-31 October 2012. A Classical Music concert in collaboration with Sangeet Sankalp was held on 25 November 2012. On this occasion, a Musical Tribute to Mahatma Gandhi was presented. A prayer by the students of Harijan Sevak Sangh, skit and charkha spinning, were also presented. Certificates were distributed to the participants of Gandhi Darshan Yatra held in December 2012. The programme ended with Ramdhun. On 15th February, 2013, on the request of Ms. Abhilasha Joshi, Director, ICCR, New Delhi, a visit was paid by Mrs. Rajele Jain, freelance artist, curator, researcher and filmmaker. On 18th February 2013, a meeting of Teachers-in-charge of Gandhi Study Circles of various colleges was held to discuss/ plan activities/ programmes to be conducted in 2013-14. Gandhi Bhawan Participated in Antardhwani 2013 at University Stadium, 22-24 February 2013. A lecture on 'Gandhi and Interpretation of Gita' by Dr. Y.P. Anand, Chairman, Swarajpeeth, was held at Gandhi Bhawan on 4 March 2013. A write-up Competition on 'Deal with the action, not with the person' was organized by Gandhi Bhawan on Friday, 8 March 2013 in which students of various colleges participated. A lecture on topic 'Aaj ke jeevan mein Gandhiji ke vichar' by Shri M.M. Gadkari, Chairman, Sevagram Ashram Pratishthan, Sevagram, Wardha was held on 12 March 2013.

DIRECTORATE OF HINDI MEDIUM IMPLEMENTATION

Major Activities

The year 2012-13 was remarkable year for the DHMI. We participated in the 21st World Book Fair organized by NBT held at Pragati Maidan from 4-10 February 2013. The DHMI released 15 new books on 10 February 2013 in a special function at Pragati Maidan. We published approximately 60,000 copies of books.

The director, Dr. Asha Gupta, presented a paper 'Can Military be Entrusted the Role of Police?' at the XXII IPSA World Congress held at Madrid, Spain on 8-12 July 2012 and submitted a paper 'The Governance of Cyberspace: A Shift in Paradigm' at the ISA Annual Convention held at San Diego, USA, 1-4 April 2012.

In addition of these papers, two papers titled Preserving Academic Integrity under Market Economy published in K. B. Powar and Ali Raza Mosvi eds. (Random Harvest, Bengaluru, India) and Effect of External Quality Agencies on University in India in Mahmood Shah and Chenicheri Sid Nair eds. External Quality Audit: Has it improved Quality Assurance in Universities? (UK: Chandos Publishing, Oxford Cambridge) published in 2012 and 2013 respectively.

CULTURE COUNCIL

The Culture Council organized the following programmes:

Vande Matram – Group Song and Classical dance Competition held on 21st September, 2012 at Deen Dayal Upadhyaya College.

“Mantoiyat” Dastangoi – Well known theatre personalities Danish Husain and Darain Shahidi were presented Manto in their inimitable style on 29th October, 2012 at Conference Centre to commemorate the birth centenary of great Urdu writer Saadat Hasan Manto.

Songs of India – Choir Competition was held second time on 10th January 2013 at Bhaskaracharya College of Applied Sciences.

Inter College Turncoat debate at Bharati College held on 22 January 2013. The topic of the debate was “Awarding Capital Punishment for Crimes is against Humanity.”

Folk Dance Competition at Gargi College held on 29 January 2013.

“Inter-College Ghazal Competition” with two stages i.e. preliminary round at Culture Council office held on 31 January 2013 and final round at Shyama Prasad Mukherjee College, on 6 February 2013.

Mushaira was held at Zakir Husain Delhi College on 14 February 2013.

Supported Vasant Utsav a programme of Faculty of Music and Fine Arts, 15 February 2013. Das

Din Ka Anshan – the play, based on Hari Shanker Parasai’s famous political satire, directed by Shri Ramji Bali at Shri Ram Centre Auditorium, Mandi House by Shaheed Bhagat Singh College, 28 February 2013.

Annual Cultural Festival – Antardhvani 2013. Students from all colleges participated in the events which were held in the three day festival. The Dy. Dean Culture was Coordinator of five cultural events included songs of India classical dances, vocal solo, instrumental music and rock band competition.

DELHI UNIVERSITY SPORTS COUNCIL

Major Activities

Delhi University Sports Council successfully handled the responsibility to inculcate the sports culture, not only in the affiliated colleges and university, but also in the education fraternity through sports activities and academic excellence.

Under the dynamic leadership of Chairman, Delhi University Sports Council, organized the Inter College in 60 disciplines such as Athletic, Football, Hockey, Volleyball and Handball.

FOREIGN STUDENT REGISTRY

The Foreign Students Registry office received about 2500 applications in the academic year 2012-2013 from foreign Nationals coming from 108 different countries. About 600 eligibility letters were issued and 550 students were admitted in various programmes. A total of 414 foreign students were admitted in Undergraduate courses out of which 138 were enrolled in commerce course. 136 students were able to secure admission at various postgraduate and doctoral level courses. Indian Council for Cultural Relations sponsors students under different courses and 166 foreign students were admitted under this scheme. About 1500 foreign students were studying in University during 2012-2013 and the male and female ratio is approximately 48 and 52.

WUS HEALTH CENTRE

The WUS Health Centre serves to about 40,000 beneficiary populations i.e. regular employees, retired employees, resident and non-resident students and adhoc and contractual staff. The total OPD attendance for the financial 2012-2013 was 1,17,888 and the total clinical services was 1,22,679 i.e. about 350 patients per day six day a week. These numbers are ever increasing.

NATIONAL SERVICE SCHEME

For the academic year 2012-13 about 14,500 students registered as NSS volunteers with various colleges. There are more than 60 colleges, which are implementing the NSS programme. All these colleges enrolled their students under NSS to achieve the allocated target. During enrolment drive the students were informed about the aims and objective of the NSS. Students were motivated by the drive and enrolled them as NSS volunteers.

Gyanodaya Educational Trip was organized by University of Delhi for NSS and NCC volunteers. 350 NSS volunteers participated in this camp through Gyanodaya Express (Special Train) from 8 July 2012 to 19 July 2012. Gyanodaya Educational Team visited Ahmedabad, Mumbai, Goa, Bengaluru (Mysore), Wardha and Nagpur. It was a learning experience for all NSS and NCC participants.

A task force committee and sub-committees were formed to deal with the issues concerning COTPA-2013 at Delhi University North Campus/South Campus Centre, and Dr. Aarati Saxena was the Programme Coordinator of NSS Centre. An oath taking ceremony was also held by the NSS volunteers and staff members to preserve the soil, water and natural resources to make this earth worth living. Some saplings were planted by guest on this event. NSS volunteers along with Programme officers from colleges actively participated in this programme. Poster making and slogan writing was the main attraction of the programme.

As part of the endeavour to keep our surrounding clean and hygienic, NSS Centre, launched cleanliness drive from the Vivekananda statue, Faculty of Arts, University of Delhi, 13 August 2012.

NSS Centre organized an inter College Skit Competition "Mann Ki Jhadu" at Tagore Hall.

A screening of film on Gandhiji's biography was organized at Conference Centre on 28 September 2012.

The NSS Regional Center, Ministry of Youth Affairs and Sports and the NSS Centre, University of Delhi organized jointly a camp for selection of NSS Volunteers for Republic Day Parade Camp.

NSS Centre designed and circulated an assessment proforma "Campaign for Enhanced Spirit of Volunteerism and Women's Safety" in order to create awareness among the students about women safety and gender sensitization.

Adventure Camp organized by Ministry of Youth Affairs and Sports under "Youth to the Edge" programme at Arunachal Pradesh for the NSS volunteers.

300 NSS volunteers from different colleges provided their services at Antardhvani-2013 Annual Cultural Festival.

Under the Ministry of Youth Affairs and Sports programme 25 NSS volunteers activity participated in the Commonwealth Day celebration and Regional Workshop on Commonwealth Guiding Framework on Youth Enterprises organized by Commonwealth Youth Programme Asia Centre, Chandigarh at Hotel Radisson Blu, Dwarka, New Delhi.

5 NSS volunteers were selected to participate in the Regional Workshop on Youth and Human Rights as advised by Ministry of Youth Affairs and Sports.

NATIONAL CADET CORPS

During the year 79,277 boys and girl cadets from schools and colleges joined the NCC's three wings--Army, Navy and Air Force in both the Senior and Junior Divisions.

Special trainings was imparted to the Girl Cadets in Armed Forces, Self Defence, Poster Training, Nursing and Training, Ecology, Para Sailing, First Aid, Para Training and Self-Grooming.

UNIVERSITY EMPLOYMENT INFORMATION AND GUIDANCE BUREAU

The University Employment Information and Guidance Bureau is rendering service to students and others in the field of career guidance, information on employment opportunities, various public examinations for employment. During the year 1,41,283 candidates registered through online services. 9690 vacancies received, 409 employers filed requisition, 8,42,642 candidates sponsored and 512 candidates placed.

GUEST HOUSE

Special catering arrangements were provided to 13,145 persons. 3,152 Room Guests were provided accommodation, mess facility and hospitality.

Complete furnishing of Bamboo Cottage was inaugurated by Hon'ble Vice-Chancellor on 22 January, 2013.

INTERNATIONAL GUEST HOUSE

Special catering arrangements were provided to 560 requests for Lunch/Dinner/Hi-teas/Conference/Meetings/Seminars.

The IGH 1280 rooms were provided for accommodation and messing for this academic year.

UNIVERSITY PRESS

The University Press has taken various printing jobs, such as printing of degrees, Mark Sheets, Answer Books, Prospectus, Yearly Review, Annual Reports of the University, Academic Council/ Executive Council minutes, printing of examination forms and several other items of the University and its colleges. Besides, binding of various records and registers etc. of the University was also done.

966 jobs were executed during the financial year 2012-2013 which costs at `1,69, 86,819/- to DU and 1012 dockets were opened.

GARDEN COMMITTEE

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

1. Development of two big Lawns at New Administrative Block.
2. Development of two big Lawns in Vice-Chancellor's Campus Office.
3. Development of Lawn in the Department of Zoology.
4. Development of Lawns Garden at Secretary's office.
5. Development of Lawns and Garden in front of Maurice Nagar Flats.
6. Development of Lawns at University Guest House (Bamboo Cottage Area).
7. Development and Maintenance of Lawn and Garden at Proctor's Campus Office.
8. Development and Maintenance of Lawn and Garden in Finance Officer's Campus Office.
9. Development of Lawn in the Faculty of Music & Fine Arts.
10. Development of Lawn and Garden at Convocation Hall Site.

The Garden Committee participated in the Annual Flower Shows organized by the Indraprastha Horticulture Society, Delhi

DELHI UNIVERSITY SOCIAL CENTER CO-ED SCHOOL

The result of class-X has been improved qualitatively and quantitatively both, which is 100% in current academic session. A good number of students have procured first division. Some students have achieved marks grade at 90+ out of 100. In other words, the school's academic performance is note-worthy. Highest Scorer is 98 out of 100.

AMBEDKAR-GANGULY STUDENT'S HOUSE FOR WOMEN

A week long yoga camp was held in the hostel premises for our residents as well as the residents of adjoining hostels for their mental and physical well-being from 26 August – 1 September 2012.

The annual sports day of the hostel was held on 23 February 2013.

All the National Day and Festivals were celebrated to familiarize the residents.

GEETANJALI HOSTEL

Painting, Creative Writing in Hindi and English, Collage, Photography and various Sports competitions were held and the residents were given prizes during the Annual Day celebrations. The hostel organized its Annual Cultural Night on 1 March 2013. The residents celebrated Christmas, Lohri, Holi and other Indian festivals with great fervour. A workshop on Photography and Collage making was conducted by Dr. Nirmalaya Samanta of Deshbandhu College on 21 January 2013.

RAJIV GANDHI HOSTEL FOR GIRLS

The Annual Function of the hostel "RAGAAZ-2013" was celebrated on 17th February 2013.

Sports Festival "VERVE" was celebrated in the hostel premises on 3 March 2013.

All the National Day and Festivals were celebrated to familiarize the residents with these celebrations. Residents from different cultures shared their experiences with the others to make their stay in the hostel memorable.

UNDER GRADUATE HOSTEL FOR GIRLS

The Undergraduate Hostel for Girls is a newly built. It was inaugurated on 28 September 2012. It is by and large a self-sustaining residence for undergraduate girl students.

National Days and other festivals were celebrated with enthusiasm.

D.S. KOTHARI HOSTEL

The hostel successfully organized Annual Function 'Aahang-2013'.

Indian Festivals besides National Days were celebrated to understand the harmony.

NORTH EASTERN STUDENTS HOUSE FOR WOMEN

The hostel celebrated night function where Mrs. Akatoli Konghay, Deputy Director General, Competition Commission of India, Govt. of India was the chief guest on 27 February 2013. The National Days and Festivals were also celebrated.

V.K.R.V. RAO HOSTEL

The National Days were celebrated to know the culture to National and International Students.

A Spic Macay event was organized to have been familiar with the glorious Indian classical history.

A cultural evening was organized in the hostel on 22 March 2013.

WUS UNIVERSITY HOSTEL

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

JUBILEE HALL

To maintain its glory this year too a number of residents were selected for the higher posts in all India Competitive Services of Govt. of India.

To keep harmony and its basic character of "Unity in Diversity" the residents celebrated all festivals viz. Saraswati Puja, Holi, Eid, Independence Day, Deepawali and Christmas with lot of gaiety and enthusiasm.

MEGHDOOT HOSTEL

A number of general body meetings were held from time to time. The meetings discussed all hostel issues and problems faced by the students and intended to solve the problems by general agreement. The hosted occupants celebrated festivals and Indian National Days.

MANSAROVAR HOSTEL

The Independence Day, Republic Day, Dusshera, Diwali, Holi, Idu'l Zuha, Saraswati Puja, Christmas Day, Gandhi Jayanti and Ambedkar Jayanti were celebrated in this hostel. The hostel is organizing fresher party and New Year day inviting alumni and other guests. The hostel compound always looks neat and clean and the residents also associated for helping the hostel staff.

UNIVERSITY HOSTEL FOR WOMEN

The hostel has 320 seats for women. Students from various parts of the country and abroad stayed here. It provided ample opportunities and occasions for the blossoming of the resplendent spirit of womanhood.

National holidays and festivals were celebrated to know the foreign students about Indian culture and spirit.

GWYER HALL

The Hall residents organized various functions to mark and celebrate functions like Buddha Purnima, Independence Day, Diwali, Christmas, New Year, Republic Day, Sarswati Puja, Idu'l Fitr, Holi and many more.

Gwyer Hall organized many periodical speeches by the eminent Professors of different fields on the different topics.

The Gwyer Hall Students Union organized Annual Function GRACE 2012 on 3rd November 2012 along with Platinum Jubilee Celebration of the Hall.

INTERNATIONAL STUDENTS HOUSE

The House celebrated Independence Day, Deepawali, Christmas, New Year's Day, Republic Day, Idu'l Fitr, Idu'l Zuha, Saraswati Puja festivals and created opportunity for the international students to know about the Indian cultures and the Indian students to be aware about the foreign cultures.

INTERNATIONAL STUDENTS' HOUSE FOR WOMEN

The Annual Guest Night Function was organized on 19th March 2013. The theme was "ARCUS IRIS: The Fusion of Cultures".

All the National Days and festivals were celebrated.

SARAMATI POST GRADUATE MEN'S HOSTEL

The Saramati Post Graduate Men's Hostel was started on 1st October 2002. It provides residential facility to the students from the north eastern parts of the country studying in north and south campus of University of Delhi as well as other students pursuing academic programmes. It is one of the modest and well-equipped hostels of the University.

The Hostel organizes games at the end of the academic session and winners are encouraged with prizes and trophies on the annual day function.

ARAVALI POST-GRADUATE HOSTEL FOR MEN

The Hostel also has a nice Reading Room with all Indian language Newspapers and Magazines as well as excellent sports facilities for Indoor Games like table tennis, chess and carom etc. Recently modern Wi-Fi facility to provide smoother and faster internet service to the residents has been provided.

PLAN DEVELOPMENT FUND/MERGED SCHEMES/ NON-NET FELLOWSHIP/SAP

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

- `19.52 crore under XI Plan General Development Grants for Capital Assets (Non-Recurring).
- `12.75 crore under the XII Plan General Development Grant.
- `0.75 crore for the Merged Scheme under the XII Plan General Development Grant.
- `1.75 crore as Fellowship grant for doing M.Phil/Ph.D under the XII Plan General Development Grant.
- `2.25 crore as Fellowship grant for doing M.Phil/Ph.D under the XII Plan General Development Grant.
- `15.00 crore as Fellowship grant for doing M.Phil/Ph.D under the XII Plan General Development Grant.
- `37.25 crore under the XII Plan General Development Grant.

The University Grant Commission approved funds to the following Departments/Centres under its SAP.

- `10.00 lakh for extension of Area Studies programme of the Department of Asian Studies.
- `10.00 lakh for extension of Area Studies programme to Centre for Canadian Studies.

`10.00 lakh for extention of Area Studies programme to Centre for African Studies.

`10.00 lakh for extention of Area Studies programme to Developing Countries Research Centre.

UNIVERSITY FINANCE
Annual Accounts for the year 2012-13.

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 AT 31 MARCH 2013

Capital Fund and Liabilities	Schedule No.	Current Year	Amount in ` Previous Year
Capital Fund	1	5949909943	5673753128
Reserves and Surplus	-		
Earmarked/Endowment Fund	2	10351761519	9442288126
Secured Loans and borrowings	-		
Unsecured Loan and borrowings	-		
Deferred Credit Liabilities	-		
Current Liabilities and Provisions	3	118275636	80615715
Total :		16419947098	15196656969
ASSETS			
Fixed Assets	4	5403953268	5183231757
Investment - From Earmarked/ Endowment Funds	5	195783000	287835500
Investment - Others	-		
Current Assets, Loan, Advances etc.	6	10820210830	9725589712
Miscellaneous Expenditure (to the extent not written off or adjusted)			
Total :		16419947098	15196656969
Significant Accounting Policies	15		
Contingent Liabilities and Notes on Accounts	16		

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED
ON 31 MARCH 2013

Particulars	Schedule No.	Current Year	Amount in ` Previous Year
(A) INCOME			
Grants/Subsidies	7	3210320000	2955982000
Fees/Subscription	8	647806480	592098814
Income from Royalty, Publication etc.	9	14679481	1396631
Interest Earned	10	20805524	19138928
Other Income	11	57973164	85267637
Total (A) :		3951584649	3653884010

(B) Expenditure

Establishment Expenses	12	2719056696	2460018700
Other Administrative Expenses	13	1007529331	806448237
Expenditure on Grants, Subsidies etc.	14	89866200	107500054
Depreciation		365515809	344547275
Total (B) :		4181968036	3718514266
Excess of Income over Expenditure (Expenditure over Income)		(230383387)	(64630256)
Balance being Deficit carried to Capital Fund		(230383387)	(64630256)
Significant Accounting Policies	15		
Contingent Liabilities and Notes on Accounts	16		

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2013

Receipts	Current Year	Amount in ` Previous Year
I. Opening Balances		
Bank Balance		
(i) Current Account	140719577	184429464
(ii) Saving Accounts	2543008800	4953281007
(iii) Deposit accounts	5613188128	1725552079
II. Grants Received		
From UGC	3210320000	2955982000
III. Interest Received from Investment		
	20801446	19138928
IV. Other Income		
Fees and Subscriptions	647806480	592098814
Sale of Publications	14679481	1396631
Income from Licence Fee, Rent etc.	9975947	9253003
Miscellaneous	46057991	71998371
Sale of Raddi/obsolete Items	1939227	4016263
V. Any other receipts		
Advances	-----	-----
Other Receipt from Earmarked funds	3746489557	4207153635
Other receipts	48558	418129
Deductions		-----

Other body transaction	296947467	39782300
LTC advance	-----	-----
Medical Advance		-----
Festival Advance	3203150	1220900
Maturity of investment of Earmarked fund	92052500	133271000
Intt. Earned on Refundable amount to UGC	685973	
Total :	16387924282	14898992524

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2013

Payments	Current Year	Amount in ` Previous Year
I. EXPENSES		
(a) Establishment Expenses		
Salary and allowances	2719056696	2460018700
(b) Administrative Expenses		
Administrative expenses	996814649	817238198
Grants & subsidies	89866200	107500054
II. Payments against earmarked funds	2908117316	2468037893
III. Investments and deposits made	-----	-----
IV. Expenditure on Fixed Assets		
Purchase of Fixed Assets (Net of Auction amount)	86484114	462524446
V. Finance Charges	302034	121510
VI. Other Payments		
Other body transaction	278601715	14413515
Festival Advance	3268575	1170000
Advances	980023667	267418622
Permanent Advance	75000	332175
Medical Advance	250400	-----
LTC Advance	999029	1360924
Remittances	181183	1939982
VII Closing Balances		
(ii) Bank Balance		
(a) Current Account	119944136	140719577
(b) Savings Accounts	2132233167	2543008800
(c) Deposit Accounts	6071706401	5613188128
Total :	16387924282	14898992524

(SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31 MARCH 2013)

Schedule 1: Capital Fund	Current Year	Amount in `	Previous Year
Balance at the beginning of the year	5673753128		5367398505
Add : Fixed Assets purchased out of Earmarked Funds			
(a) Plan Account	264725751	221023064	
(b) Miscellaneous Account	20902737	18426808	
(c) Other Earmarked Fund	201574215	114802175	
(d) Admission Processing charges	1179579	2053111	
Add: Other Addition in Fixed Assets			
(a) Assets not capitalised in previous year	8899500	1500000	
(b) Project Account	9459734	12453039	
(c) Adjustment relating to ACBR	-----	1268521	-----
(d) Gifted Assets	<u>1679</u>	<u>2233</u>	
(a) WDV of assets disposed off during the year	(202993)	(544072)	
(b) Deficit for the year as per Income & Expenditure Account	<u>(230383387)</u>	<u>230586380</u>	<u>(64630256)</u>
			(65174328)
Balance as at the year end	5949909943		5673753128

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31 MARCH 2013

Schedule 2 : Earmarked/Endowment Fund

Amount in `

	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	4992154371	278391239	3843065	448298091	266096728	824016898	34102240	2605385494	9442288126
(b) Additions to the Fund:									
Income from investment made of the funds	190081949	13192645	67734	19047837	170417	9400217	360681	106989176	339310656
Accrued interest on investment	35579842	5188132	189367	17652164	—	37052237	0	103830387	199492130
Other additions	1324498006	162564718	43904	3347677	365215342	790200731	79364748	553552800	3278787924
Total (a+b)	6542314168	459336732	4144070	488345769	621482487	1660670083	113827669	3369757857	13259878835
(c) Utilisation/Expenditure towards objective of funds									
(i) Capital Expenditure (Fixed Assets)	264725751	20902737	—	—	—	169165213	1179579	2015742158	657547495
(ii) Revenue Expenditure	1021695035	65085551	0	9211090	380835782	509934934	83116516	180690913	2250569821
Total (c)	1286420786	85988288	0	9211090	380835782	679100146	84296095	382265128	2908117316
Closing balance at the year end (a+b-c)	5255893382	373348444	4144070	479134679	240646705	981569936	29531374	2987492729	10351761519
Closing balance represented by									
Loan and Advances	1674250692	4570121	—	—	—	51786681	—	164837850	1895445344
LC Margin	59511018	28770500	—	—	—	—	—	—	88281518
Balance in Bank									
Saving account	850723765	90944864	554703	42041869	230476288	319118898	295315747	400805739	1964197700
Current account	16709169	12805905	—	—	—	—	—	—	29515074
Fixed Deposit	2622869008	207919062	3300000	284850000	10000000	573802819	—	2265723813	5968464702
Govt. Securities	—	26000000	100000	134500000	—	—	0	35100000	195700000
	150000	213325000	—	—	1200000	47000000	195700000		
Electricity Deposits								9409500	9409500
TDS Refundable from Bank								501982	501982
Shares	—	—	—	83000	—	—	—	—	83000
Interest accrued but not due	35579842	6616492	189367	17659809	170417	36861538	0	111113845	208191310
Grant not pertaining to Plan A/c	-3750112								-3750112
Loan From University Development Fund		-4278500							-4278500
Total	5255893382	373348444	4144070	479134678	240646705	981569936	29531574	2987492729	10351761519
Net closing Balance	5255893382	373348444	4144070	479134678	240646705	981569936	29531574	2987492729	10351761519
Previous years (2011-12)	4992154371	278391239	3843065	448298091	256096728	824016898	34102240	2605385494	9442288126

(SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31 MARCH 2013)

Schedule 3 : Current Liabilities and Provisions	Current Year	Amount in ` Previous Year
A. Current Liabilities		
1. Sundry Creditors	14876385	11762111
2. Statutory Liabilities : TDS payable	278240	540180
3. Other current Liabilities (Sundries)		
Security (Receipt)	264948	261868
Amount Refundable to UGC	11904058	11024710
Expense payable	20027618	8283632
Other bodies Deposits	513220	427911
Other funds	65912800	47567048
Grant not pertaining to Plan A/c	3750112	-----
ACBR Liabilities	748255	748255
Total (A) :	118275636	80615715
B. Provisions		
Total (B) :	-----	-----
Total (A+B) :	118275636	80615715

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-3-2012

Schedule 4 - Fixed Assets

Amount in `

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Sr. No.	Description	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 31-3-2013	W.D.V. as at 31-3-2012
1.	Land	19716892	0	0	19716892		0	19716892	19716892
2.	Building	669183094	32892501	0	702075595	5	35103780	666971815	669183094
3.	Furniture & Fixtures	97258564	30389289	28957	127618896	25	31904724	95714172	97258564
4.	Scientific Equipments	171926459	164111621	6629	336031451	40	134412580	201618871	171926459
5.	Computer	73203212	71183940	8158	144378994	40	57751598	86627396	73203212
6.	Library Books	48168177	31394775	0	79562952	50	39781476	39781476	48168177
7.	Car, Scooters, etc.	3517313	1795952	0	5313265	25	1328316	3984949	3517313
8.	Plant and Machinery	258126256	69817936	159249	324657049	20	64931410	259725639	254998362
9.	Musical Instruments	252770	206245	0	459015	50	229508	229507	252770
10.	Sports Equipments	144834	0	0	144834	50	72417	72417	144834
11.	Capital Work in Progress	3844862080	184648054	0	4029510134		0	4029510134	3844862080
Total of Current year		5183231757	586440313	202993	5769469077		365515809	5403953268	5183231757
Previous year		5052968434	475354670	544072	5527779032		344547275	5183231757	

(SCHEDULES FORMING PART OF BALANCE SHEET AS
AT 31 MARCH 2013)

Schedule 5 : Investments from Earmarked/Endowment Funds

	Current Year	Amount in ` Previous Year
1. In Government Securities	195700000	287675000
2. Shares	83000	160500
<hr/>		
Total :	195783000	287835500
<hr/>		

(SCHEDULES FORMING PART OF BALANCE SHEET AS
AT 31 MARCH 2013)

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	925500	850500
2. Bank Balances – with Scheduled Banks :		
(a) Current Account		
Maintenance Grant Accounts	90429061	97106730
Earmarked Fund Accounts	29515075	119944136
		<u>43612849</u>
		140719579
(b) Saving Accounts		
Maintenance Grant Accounts	168024848	226315183
Earmarked Fund Accounts	1964197699	2305668905
CPF Account refundable to UGC	10620	2132233167
		<u>11024710</u>
		2543008798

(c) Deposit Account

Fixed Deposit in UGC Refundable A/c	11700000			
Maintenance Grant	3260181			
Accounts Earmarked Fund	6056746220	6071706401	3212250 <u>5610021357</u>	5613233607
Accounts (including margin money)				
Total (A) :	8324809204			8297812484

(SCHEDULES FORMING PART OF BALANCE SHEET AS
AT 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	725557	660132
(b) Leave Travel Concession	2874635	1875606
(c) Medical Reimbursement	250400	----
(d) House Building Advance	9484482	15338657
(e) Conveyance/Computer Advance	1977017	2382921
2 . Advance and other amounts recoverable in cash or in kind or for value to be received		
(i) Pre-paid Expenses	28808164	26470506
(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.	1879705345	1044087892
(vii) Other advances out of Maintenance Grant Accounts	320396226	180569315
(viii) Electricity Deposits	20736900	1500000
(ix) TDS receivable ACBR	526410	24428

3. Income accrued		
(a) On Investments from Earmarked/ Endowment Fund	208191310	133340045
(b) Interest accrued ACBR	245384	47931
Total (B) :	2495401625	1427777228
Total (A+B) :	10820210830	9725589712

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED 31 MARCH 2013)

Schedule 7 : Grants/Subsidies

	Current Year	Amount in ` Previous Year
Grant received from University Grants Commission	3210320000	2955982000
Total :	3210320000	2955982000

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE YEAR ENDED 31 MARCH 2013)

Schedule 8 : Fees/Subscriptions

	Current Year	Amount in ` Previous Year
Admission fees	25966568	16275938
Annual Fees	3725384	4083000
University Enrolment fee	52338898	64230928
Tuition fee	25403057	13982537
Examination	488791628	438774088
Sports and Athletic Association fee	7591899	8270879
Migration fee	8708200	8895560
Special Enrolment/Annual fee	27494025	20341906
Laboratory fee	313277	201236
Library fee	878023	781005
Computer fee	105250	95500
Provisional & Misc. certificate	903000	876000
Others	5587271	15290237
Total :	647806480	592098814

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE
YEAR ENDED 31 MARCH 2013)

Schedule 9 : Income from Royalty, Publication etc.

	Current Year	Amount in ` Previous Year
1. Income from Publications	14679481	1396631
Total :	14679481	1396631

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE
YEAR ENDED 31 MARCH 2013)

Schedule 10 : Interest Earned

	Current Year	Amount in ` Previous Year
1 . On Term Deposit		
(a) With Scheduled Banks	8630549	5502961
2 . On Saving Accounts		
(a) With Scheduled Banks	12174975	13635967
Total :	20805524	19138928

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE
YEAR ENDED 31 MARCH 2013)

Schedule 11 : Other Income

	Current Year	Amount in ` Previous Year
Health Centre contribution	30126922	50706193
Leave salary & Pension Contribution	9809397	16573896
Sale of Raddi/Auction of Obsolete items	1939227	4016263
License fee, Rent of Building etc.	9975947	9253003
Sale of Tender form	431500	354500
Others	5690171	4363782
Total :	57973164	85267637

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE
YEAR ENDED 31 MARCH 2013)

Schedule 12 : Establishment Expenses

Salary and Allowances	Current Year	Amount in ` Previous Year
Teaching staff	873045914	785089676
Non-Teaching staff	705050092	689971071
Lower Subordinate staff	243338061	215730267
Bonus	5485206	6381695
Deposit Link Insurance	720494	897347
Gratuity	79324577	75576989
Leave encashment	38557574	45352898
Pension	572237868	501914916
CPF Contribution	5946265	5961083
NPS Contribution	17522800	14452512
Leave Travel Concession	20986320	10591118
Honorarium	53136590	4182649
Reimbursement of Tuition fee	9825226	7881164
Medical Re-imbusement	93879709	96035315
Total :	2719056696	2460018700

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE
YEAR ENDED 31 MARCH 2013)

Schedule 13 : Other Administrative Expenses

	Current Year	Amount in ` Previous Year
Academic Expenses	21563127	97748695
Award and Scholarship	633001	678009
Advertisement Expenses	6620599	9555302
Chemical & Glassware	13704836	12253036
Contingency	23301527	17895588
Networking expenses	18788403	8930470
Conveyance Expenses	2925383	1014323
Electricity & Water Expenses	311626388	154136649
Examination Expenses	197994620	110416361
Games & Sports	8128578	5549687
Legal & Professional	10229275	8803218
Medical Expenses	44233726	46474242
Other Expenses	7257195	4962070
Periodical & Journals	43631699	35312279
Postage & Telephone	10405916	10952249
Printing and Stationary	32299635	22375976
Rent Rate & Taxes	462133	173689
Repair and Maintnance of Building	120860182	151603309
Repair and Maintenance of Machinery	22170724	11715320
Repair and Maintenance of Furniture	3009200	1059006
Repair and Maintenance of Vehicle	3380113	4174756
Repair and Maintenance of Laboratory	279094	839510
Travelling Expenses	11228851	6568197
Bank Charges	302034	121510
House Keeping Expenses	33941065	24158274
M/o Lawns	3318453	2886342
Refund of fee	1470531	2033893
Property Tax	7156468	6600784
Seminar/Symposia/Workshop	1631894	2699020
Audit Charges	433951	438036
Watch and Ward Services	42360231	36997717
Hiring Charges	2180499	6824639
License for F M Radio	-----	948528
Expenditure relating to Plan Grant	-----	(452447)
Total :	1007529331	806448237

(SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE
YEAR ENDED 31 MARCH 2013)

Schedule 14 : Expenditure on Grants, Subsidies etc.

	Current Year	Amount in ` Previous Year
Grants given to Institutions/Organizations:		
(i) Grants to Halls & Hostels	89480480	82747143
(ii) Miscellaneous Grant	385720	24752911
<hr/>		
Total :	89866200	107500054
<hr/>		

(SCHEDULES FORMING PART OF ACCOUNT FOR THE
YEAR ENDED 31 MARCH 2013)

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

Retirements 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 of 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 2013)

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 2012 to February 2013. No provision is made towards salary for the month of March 2013.

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	1679 Nos.	1679/-

10. Capital Work in Progress includes the amount paid by University till 31st March, 2013 towards construction of the following projects:

i) Construction of stadium of Common Wealth Games	`305,85,58,348/-
ii) Construction of 1500 seated Rajiv Gandhi Girls SC/ST Hostel for Under graduate and post graduate students at Dhaka North Campus.	`74,72,81,869/-
iii) Construction of 70 'D' type flats at Dhaka	`8,38,20,926/-
iv) Other Projects from Earmarked/Endowment Fund	`13,98,48,991/-

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, 2013 and the Income and Expenditure Account for the year ended on the date.

PROVIDENT FUND ACCOUNT CONSOLIDATED BALANCE SHEET AS AT 31 MARCH 2013

LIABILITIES

	Current Year	Amount in ` Previous Year
Subscribers Account		
General Provident Fund	2652149490	2461522321
Contributory Provident Fund	673266907	634772344
New Pension Scheme	4641444	594698
Interest Reserve Account	200781715	174203961
General Provident Fund & Contributory Provident Fund	199337964	----
New Pension Scheme	1443751	----
Other Liabilities		392
Total :	3526659556	3271093716

Assets		
Investments (Bonds)	1138345000	1138345000
Interest Accrued but not due	283866710	146812701
Bank Balances with Scheduled banks in :		
Savings Accounts	64777846	30586015
Deposit Accounts	2039670000	1955350000
<hr/>		
Total :	3526659556	3271093716
<hr/>		

PROVIDENT FUND ACCOUNT
CONSOLIDATED INCOME AND EXPENDITURE
ACCOUNT FOR THE YEAR ENDED 31 MARCH 2013

	Current Year	Amount in ` Previous Year
(A) Income		
Interest realized during the year	157569759	
Add: Interest Accrued	<u>184154545</u>	
	341724304	
Less: Interest Accrued for the year 2009-10 to 2011-12 but realised during the year 2012-13	<u>-47100536</u>	294623768
Adjustment relating to previous years	14683	263717303
		80545
<hr/>		
Total (A) :	294638451	263797848
<hr/>		
(B) Expenditure		
Interest allowed to Subscribers	268055414	231307935
--General Provident Fund	213310173	
--Contributory Provident Fund	54718596	
--New Pension Scheme	26645	5283
Bank Charges		6536
<hr/>		
Total (B) :	268060697	231314471
<hr/>		
Balance being excess of Income over expenditure, transferred to Interest Reserve Account (A-B)	26577754	32483377

PROVIDENT FUND ACCOUNT
(CONSOLIDATED RECEIPT AND PAYMENT
ACCOUNT FOR THE YEAR ENDED 31 MARCH 2013)

	Current Year	Amount in ` Previous Year
Receipts		
To Opening Balance in:		
— Saving Accounts	30586015	66390848
To Fixed Deposit encashed	378450000	1219965000
To Interest Received	157569759	250651940
To GPF Subscription	439204518	429085364
To CPF Subscription & Contribution	67401213	71525903
To NPS Subscription & Contribution	42179488	35626650
To Other Receipts	-	-
Total :	1115390993	2073245705

	Current Year	Amount in ` Previous Year
Payments		
By Loan/Withdrawal/Final Payments to		
GPF Subscribers	461873412	404777515
CPF Subscribers	83625065	77656278
NPS Subscribers	85884	-
By amount trfd. to Trustee	42253503	37369361
By Bank Charges	5283	6536
By Other Liabilities	-	-
By investment in Fixed Deposit/ Bonds	462770000	1522850000
By Closing Balance in:	64777846	30586015
Total	1115390993	2073245705

UNIVERISTY PRESS
(BALANCE SHEET AS ON 31 MARCH 2013)

	Current Year	Amount in ` Previous Year
FUND AND LIABILITIES		
1. Capital Fund	2,091,288.00	4323998

2. Current Liabilities:

a) Deduction from Salary Bills	838,648.00	781776
b) Bills Payable	1,037,678.00	313155
c) Advance for work to be done	130,000.00	130000
d) Inter Bank Transfer	17,395,492.00	17395492
e) Earnest Money	55,500.00	55500
Total :	21,548,606.00	22999921

ASSETS

1. Machinery, Furniture & Equipment	557,472.00	655308
2. Amount Receivable	15,754,583.00	16175392
3. Stock in Hand:		
a) Raw Material	823,887.00	621906
b) Finished Goods	91,335.00	104505
4. Work in Progress	55,950.00	395000
5. Cash in Bank	3,678,001.00	4932810
6. Festival Advance	1,700.00	11000
7. Permanent Assets	1,000.00	1000
8. Advances	78,000.00	103000
9. Fixed Deposit	5,00,000.00	-
10. Accrued interest on FDR	6,678.00	-
Total :	21,548,606.00	22999921

UNIVERISTY PRESS

PROFIT AND LOSS ACCOUNT ENDING 31.03.2013.

Particulars	Amount in `	
	Current Year	Previous Year
1. To Opening Stock:		
(a) Raw Materials	621,906.00	802,912.00
(b) Finished Goods	104,505.00	41,585.00
2. To Work in Progress	395,000.00	114,400.00
3. To Pay and Allowances:	6,240,684.00	5,793,546.00
(a) L.T.C.	108,792.00	16,970.00
(b) Tuition Fees	60,000.00	58,500.00
(c) Bonus	58,430.00	55,264.00
(d) Medical Reimbursement	1,000,465.00	599,842.00

4. To Purchase of Raw Materials	3,626,031.00	2,574,522.00
5. To Misc. Contingent Exp.	85,952.00	162,764.00
6. To Rate, Rent and Taxes	5,097.00	5,169.00
7. To Work Done Through Outside Agency	7,829,760.00	5,324,659.00
8. <u>Depreciation:</u>		171,158.00
(a) Machinery, Furniture & Equipment	157,936.00	49,908.00
Total :	20,294,558.00	15,771,199.00

1. To Receipts:		
(a) Income from Printing and Binding	16,945,231.00	14,526,758.00
	-----	123,030.00
2. By Closing Stock:		
(a) Raw Materials	823,887.00	621,906.00
(b) Finished Goods	91,335.00	104,505.00
3. By work in progress	55,950.00	395,000.00
4. By Interest	145,445.00	-----
5. By Loss for the year	2,232,710.00	-----
Total :	20,294,558.00	15,771,199.00

UNIVERSITY PRESS

A/C NO. 10851295354

RECEIPTS AND PAYMENTS FOR THE YEAR 31ST MARCH, 2013

Receipts

I. Opening Balance		
Bank Balance	4932810	4423702
II. From Printing & Binding Work	17366040	14684382
III. Deductions/Recoveries	3554380	3321723
Festival Advance	12300	11100
Earnest Money	-----	45000
Other receipts	-----	123030
Interest on FDR's	138767	-----
Total :	26001297	22608937

	Current Year	Amount in ` Previous Year
Payments		
I. Expenses		
Establishment Expenses	7301149	6451888
II. Other Administrative expenses		
Expenditure	11024639	7960966
Festival Advance	3000	9000
Remittance	3494508	3254273
Other Payments	-----	-----
III. Closing Balance		
Bank Balance	3678001	4932810
Deposit in Bank	500000	-----
Total :	26001297	22608937

HALLS AND HOSTELS
BALANCE SHEET AS AT 31 MARCH 2013

	Current Year	Amount in ` Previous Year
Capital Fund and Liabilities		
Capital Fund and Liabilities	129507893	103633315
Earmarked/Endowment Funds	26363768	19033097
Current Liabilities and Provisions	8140351	8320990
Total :	164012012	130987402
Assets		
Fixed Assets	26470105	30212222
Investments from earmarked/ Endowment funds	18000	18000
Investments others	30200545	25163681
Current Assets, Loans, Advances etc.	107377586	75647723
Miscellaneous Expenditure	(54224)	(54224)
Total :	164012012	130987402

HALLS AND HOSTELS
(INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR
ENDED 31 MARCH 2013)

	Current Year	Amount in ` Previous Year
(A) Income		
Grants/Subsidies	89196530	82438633
Fees/Subscriptions	38035325	25453149
Income from Sales/Services	20238953	17680624
Interest earned	5340017	4240386
Other Income	9244035	6924753
<hr/>		
Total (A) :	162054860	136737545
<hr/>		
(B) Expenditure		
Establishment Expenses	86925977	78034090
Other Administrative Expenses	43680840	34432204
Bank Charges	5539	6211
Depreciation	7046189	8295233
<hr/>		
Total (B) :	137658545	120767738
<hr/>		
Excess of Income over Expenditure/ (Expenditure over income) (A-B)	24396315	15969807
Balance Being Surplus/(Deficit) carried to Capital Fund	24396315	15969807

HALLS AND HOSTELS
(RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2013)

	Current Year	Amount in ` Previous Year
Receipts		
I. Opening Balance		
- Cash in Hand	145042	133249
- Bank Balance	50333753	34650335
- Imprest	50815	49321
- Deposit Account	16796303	3317799
II. Other Bank Balances	1288083	10613647

III. Grants Recieved	88962048	82288936
IV. Income on Investments	12114538	3388539
V. Interest Received	3348461	2007023
VI. Other Income	60901879	45815968
VII. Any Other Reciepts	27386883	19145608
Total :	261327805	201410425

HALLS AND HOSTELS
(RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31 MARCH 2013)

	Current Year	Amount in ` Previous Year
Payment		
I. Expenses		
(a) Establishment Expenses	86754289	71863003
(b) Administrative Expenses	45998549	37151184
II. (a) Payments against Earmarked Fund		
(b) Payment against Projects	4726353	4421010
	226267	365947
III. Investments and Deposits made	13245123	10711058
IV. Expenditure on Fixed Assets & Capital work-in-Progress	4497325	2276927
V. Finance Charges	3840	6371
VI. Other Payments	10869573	7289013
VII. Closing Balances		
- Cash in Hand	295594	145042
- Bank Balance	73450490	50333752
- Imprest	42966	50815
- Deposit Account	21217436	16796303
Total :	261327805	201410425

DEPARTAMENTS

FACULTY OF ARTS

ARABIC

Seminars/Conferences attended

Prof. M.N. Khan: Symposium on 'Arabic Language and Its Impact on India's Culture', to commemorate the World Arabic Language Day, The Office of the Cultural Attaché, Royal Embassy of Saudi Arabia and Jamia Hamdard, 20 December 2012.

International Seminar on 'Arabic Literature in India', Jamia Millia Islamia, New Delhi, 6-7 February 2013.

National Seminar on 'Teaching of Arabic Language in India--its Curricula and Scope for Promotion, 20-21 February 2013.

National Seminar on 'Literary Translation from Arabic into Urdu and Vice-Versa', Department of Arabic, University of Mumbai, 26-27 February 2013.

National Seminar on 'Life of the Prophet (s.a.w.) in Makkah, Darul Musannefin Shibli Academy, Azamgarh, 17-18 March 2013.

International Seminar on 'Works translated from Indian Languages and Culture into Arabic and Vice Versa, School of Arab Studies, the English and Foreign Languages University, Hyderabad, 22-23 March 2013.

Dr. Wali Akhtar: An article 'Abu Mahfooz al Karimi' presented in a National Seminar 'Arabic Literature in India', organized by Jamia Millia Islamia, New Delhi, 6-7 February 2013.

An article 'Minimum Arabic Grammar' presented in Seminar on 'Teaching Arabic Language in India: Curricula and Scope for Promotion' organized by Maulana Azad National Urdu University, Hyderabad, 20-21 February 2013.

Dr. Naimul Hasan: Article on 'Arabic Literature in India', presented in a National Seminar organized by Arabic, Jamia Millia Islamia, 6-7 February 2013.

'Islam is the only Solution the Challenges of Modernity in the light of Rasayel-e-Noor', an article presented in International Seminar on 'Islam and Modernity' organized by Istanbul Foundation for Science and Culture and Zakir Hussain I.I.S., JMI.

'Role of Language Skills in Development of Arabic Language' an article presented in National Seminar on 'Teaching Arabic Language in India: Curricula and Scope for Promotion' organized by Maulana Azad National Urdu University, Hyderabad, 20-21 February 2013.

Publications

Research Articles

Khan, M.N. 2012. Safar-e-Hajj 1321 A.H./ 1904 A.D. ke Ek Safarname ki Roshni Me'n, in Arabian Peninsula: History and Culture in the Light of Indians' Travelogue, compiled by Prof. Akhtarul Wasey and Dr. Suhaib Alam, Cultural Attaché Office, Royal Embassy of Saudi Arabia, New Delhi.

2012. *Ilm al-Wuđuh wa-l-Nadhâ'ir*, Tahzibul Akhlaq, Aligarh, Vol. 31:8, August.
2012. *Islâm me'n Ta'âlîm kî Ahammiyat Aur ½Arabî Zabân-o-Adab kî Tadrîs Hindustan ke Tanâzur me'n*, Islam Aur Asr-i-Jadeed, Zakir Husain Institute of Islamic Studies, Jamia Millia Islamia, New Delhi.
2012. Symposium on 'Arabic Language and Its Impact on India's Culture', to commemorate the World Arabic Language Day, The Office of the Cultural Attaché, Royal Embassy of Saudi Arabia and Jamia Hamdard.
2013. International Seminar on 'Arabic Literature in India', Jamia Millia Islamia, New Delhi.
2013. International Seminar on 'Works translated from Indian Languages and Culture into Arabic and Vice Versa', School of Arab Studies, the English and Foreign Languages University, Hyderabad.
2013. National Seminar on 'Teaching of Arabic Language in India- its Curricula and Scope for Promotion'.
2013. National Seminar on 'Literary Translation from Arabic into Urdu and Vice-Versa', University of Mumbai.
2013. National Seminar on 'Life of the Prophet (s.a.w.) in Makkah', Darul Musannefin Shibli Academy, Azamgarh.
- Khan, M.N. and Fariq, K.A. 2013. 'Jaezey', Tahzibul Akhlaq, Aligarh, Special Issue 'Mashaahir-e-Aligarh No.' Vol. 2, March.
- Wali, A. 2013. 'Abu Mahfooz al Karimi' an article presented in a National Seminar on 'Arabic Literature in India', organized by Department of Arabic, Jamia Millia Islamia, New Delhi.
2013. 'Minimum Arabic Grammar' an article presented in a seminar on 'Teaching Arabic Language in India: Curricula and Scope for Promotion' organized by Department of Arabic, Maulana Azad National Urdu University, Hyderabad.
- Hasan, N. 2012. 'Nasir al-Abbudi and His Indian Travelogue with reference to Kashmir' an article presented in Oriental Conference, organized by Department of Sanskrit, Faculty of Oriental Languages, University of Kashmir.
- 'Prof. Mohammad Sulaiman Ashraf as a Teacher and Writer' an article presented in National Seminar on 'Arabic Literature in India', organized by Department of Arabic, Jamia Millia Islamia, New Delhi.
- 'Islam is the only Solution the Challenges of Modernity in the light of Rasayel - e - Noor', an article presented in International Seminar on 'Islam and Modernity', organized by Istanbul Foundation for Science and Culture and Jamia Millia Islamia, New Delhi.
- 'Role of Language Skills in Development of Arabic Language' an article presented in National Seminar on 'Teaching Arabic Language in India: Curricula and Scope for Promotion', organized by Maulana Azad National Urdu University, Hyderabad, 20-21 February 2013.
- Convener National Seminar on 'Eulogy of Prophet Mohammad in Arabic Poetry in India, Original and Translated', organized by University of Delhi.

BUDDHIST STUDIES

Ph.D./M.Phil. Degrees awarded

Ph.D. : 9
M.Phil. : 10

Seminars/Conferences attended

Prof. K.T.S. Sarao: Presented a paper entitled 'Mission of Buddhism in the Globalizing World' at the Third World Buddhist Forum, organized by the Buddhist Association of China, the Hong Kong Buddhist Association, and China Religious Culture Communication Association at Hong Kong, 25-27 April 2012.

Chaired a sessions and presented a paper entitled 'Banteay Srei, the Cambodian Citadel of the Women: A look at the Scenes from the Ancient Indian Epics and the PurâGas,' at the International Seminar on Civilizational Dialogue between India and ASEAN, organized by the Ministry of External Affairs and Indian Council of Cultural Relations in association with Nâlandâ University and Government of Bihar, Patna, 20-22 July 2012.

Chaired a session and presented a paper entitled 'Kailâúa-Mânasarovara Pilgrimage: A Pictorial View of Buddhist-Hindu-Bönpa Shrines,' at the International Seminar on Buddhist Art in the Western Himalayan Region, organized by the Department of History of Art, National Museum Institute of History of Art, Conservation and Museology at Leh, Ladakh, 28-30 August 2012.

Gave the valedictory speech, chaired two sessions, and presented a paper entitled 'Dâna in Ancient Indian Buddhism: An Analysis of its Socio-Economic Ramifications,' at the International Seminar on Introspection on Buddhist Traditions, organized by Gautam Buddha University, Greater Noida, 7-9 September 2012.

Presented a paper entitled 'bûfi Mysticism and Indian Religions,' at the 2012 CENSUR Conference on Religion in a Globalizd Context: The Mediterranean and the World, organized by Chouaib Doukkali University, El Jadida, Morocco, 20-22 September 2012.

Presented a paper entitled 'Translating Suttas from Pâli to English : Some Reflections,' at the Seventh Biennial International Conference on Cross Cultural Transmission of Buddhist Texts: Critical Edition, Transliteration, and Translation, K.J. Somaiya Centre for Buddhist Studies, Mumbai, 4-7 December 2012.

Chaired a session and presented a paper entitled 'Buddhism and Society: An Examination of the Impact of Globalization' at the International Conference on Buddhism and Society organized by Central University of Tibetan Studies, Sarnath, 13-15 January 2013.

Dr. R.K. Rana: Presented a paper on Dissemination of Buddhism in Tang China: In Retrospection at International Conference on Introspection on Buddhist Traditions, organized by Gautam Buddha University, Greater Noida, 7-9 September 2012.

Presented a paper on Socially Engaged Activities of the Buddhist sangha in Tang China in 12th Annual Conference organized by Doon University, Dehradun, Uttarakhand, 2-4 November 2012.

ENGLISH

Ph.D./M.Phil. Degrees awarded

Ph.D. : 2
M.Phil. : 38

Projects taken up involving inter-institutional collaboration.

Dr. Tapan Basu and Dr. Subarno Chattarji are coordinating members, 'Prospects for English Studies: India and Britain compared,' a two-year research project funded by the Arts and Humanities Research Council, UK.

Appointments of faculty members to higher Posts/Assignments

Prof. Malashri Lal: Senior Consultant, Ministry of Culture, Govt. of India, New Delhi.

Member, Steering Committee, DSC Prize for South Asian Literature.

Member, ICCR Expert Committee for celebrating 150th birth year of Rabindranath Tagore.

Prof. Shirshendu Chakrabarti: Tagore Fellow, Indian Institute of Advanced Study, Shimla.

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

Founder Member, PEHEL: Delhi University Women's Support Group.

Prof. Sumanyu Satpathy: Visiting Professor, Goethe University, Frankfurt, Germany.

Visiting Professor, University of Granada, Granada, Spain.

Visiting Professor, University of Kashmir, Srinagar.

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

Prof. Uday Kumar: Senior Fellow, Nehru Memorial Museum and Library, New Delhi.

Dr. Subarno Chattarji: Co-ordinating member, 'Prospects for English Studies: India and Britain compared,' research project funded by the Arts and Humanities Research Council, UK.

Dr. Tapan Basu: Ongoing member of Project Core Committee for Interdisciplinary Research Project on 'Prospects for English Studies in India and Britain,' sponsored by the Open University, Milton-Keynes, U.K., and funded by the Arts and Humanities Research Council, UK.

Dr. Brinda Bose: Secretary of the Annual Conference of the IACLALS (Indian Association for Commonwealth Literature and Language Studies) on 'The Postcolonial in/and the Indian Languages', Lucknow.

Co-director of the 1st Conference of the Global Humanities Initiative of Marg Humanities, 'The Humanities in Ferment: Strategizing for our Times' in collaboration with the Nehru Memorial Museum and Library, New Delhi.

Visiting Fellow, Institute for the Humanities and Global Cultures, University of Virginia, USA.

Dr. Ira Raja: Editorial Board, Cambridge Journal of Postcolonial Literary Critique.

Honorary Research Associate, Thesis Eleven Centre for Cultural Sociology, La Trobe University, Australia.

Associate Editor, South Asia, Taylor and Francis, Australia.

Commissioning Editor, Thesis Eleven: Critical Theory and Historical Sociology, Sage, U.K.

Dr. Nandini Chandra: Editorial Board Member, Studies in South Asian Film and Media, Intellect, UK.

'Nehru's Children: An archival study of the Children's film Society of India, CFSI', Archival Grant from India Foundation for Arts, Bengaluru.

Dr. Rochelle Pinto: Visiting Lecturer, Ph.D. Course, 'The conflicted subject of Portuguese colonialism', 'Patrimónios da Influência Portuguesa', Instituto de Investigação Interdisciplinar, Universidade de Coimbra, Portugal.

Seminars/Conferences attended

International Conference on Rethinking the Novel was organized under DSA-II Programme, 4-6 March 2013.

Prof. Sambudha Sen: Plenary address: 'City Sketches, Panoramas and the Dickensian Aesthetic', Dickens and the Visual Imagination, University of Surrey, 9-10 July 2012.

Plenary address: 'Novelizing the Cartoon', The Dickens World, Post Imperial Readings, Jadavpur University, Kolkata, 18-20 December 2012.

Dr. Gautam Chakravarty: Lecture on Bankim and Bengal Positivism at the Maison de Science Humaine, Paris, 5 June 2012.

Seminar paper on 'Tagore on Aitihāsik Chitra at the International Conference on 'Tagore: the global impact of the writer in the community', Edinburgh Napier University, 4-6 May 2012.

Dr. Brinda Bose: 'Humility and its Effects' (co-presented). Seminar on Global Humanities, University of Virginia, 28 April 2012.

Dr. Prasanta Chakravarty: 'Humility and Its Effects', University of Virginia, USA, 18 June 2012.

Dr. Ira Raja: 'Narrating Age, Narrating Nation: A Reading of K.B. Vaid's 'Our Old Woman'', American Association for Theater Research Annual Conference, Nashville, Tennessee, USA, 6 November 2012.

Prof. Shormishtha Panja: 'To confine the illimitable': Visual and Verbal Narratives in Two Bengali Re-tellings of Shakespeare', Shakespeare Society of India and IP College, International Seminar, Revisiting Shakespeare in Indian Literature and Culture, 7-9 March 2013.

Prof. Udaya Kumar: 'English Literary Studies and the Sense of Borders', International Conference on 'Unveiling a Secret Agreement: Revisiting the Contours of English Studies', English and Foreign Languages University, Hyderabad.

'Differences in Conversation: Ethics, History and the Community in Sree Narayana Guru and Dr. Palpu', Conference on 'Metaphysics and Politics', Sree Narayana Guru Samiti in Varkala, Kerala.

Dr. Christel R. Dewadawson: 'Christie's wartime constructions of Ireland', Shaw's Corner with the embassy of Ireland, 7 November 2012.

'Is reading seeing? Suraiya's Dabyaman saga', International Conference on Rethinking the Novel, University of Delhi, 4-6 March 2013.

Dr. Rimli Bhattacharya: 'Songs of sleep and the shadow of labour', National Seminar on Women's Text and Historiography, University of Delhi, 19-20 February 2013.

'Reading ies. In many tongues', International Conference on Humanities in Ferment: Strategizing for our Times, Marg Humanities & Nehru Memorial Museum and Library, New Delhi, 16-18 August 2012.

'Variations on the aural', national Conference on Rabindranath Tagore, Simankan, Sahitya Akademi and Jnana Prabha, Mumbai, 6 May 2012.

'Tracing the lineages of children's literature in Bengal', National Seminar on Children's Literature and Publishing, Room to Read, New Delhi, 19-20 April 2012.

Dr. Tapan Basu: Presented a paper on 'Genealogies of Dispossession: A Critical Analysis of Jotiba Phule's and B.R.Ambedkar's Writings on the Origin of India's Caste Society,' at an International Conference on De-territorialising Divesities: Cultures, Literatures and Languages of the Indigenus.

Dr. Rupendra Guha Majumdar: 'Et in Arcadia Ego: Ophelia's Orphic Recall through the Pastoral', Conference on Shakespeare Across Media, National Taiwan University, Taipei, 7-9 June 2012.

'Many Persephones: Shakespeare's Heroines and Fading Memories of the Pomegranate', Conference on Women in Shakespeare: A Postmodern Scrutiny Shakespeare Association of India and Kota Open University, 4-6 October 2012.

'Today's Shah Jehans, Tomorrow's Shakespeares: Utpal Dutt's Anxieties of Influence concerning the Bard of Avon', International Conference on 'Revisiting Shakespeare in Indian Literature and Culture,' Indraprastha College and Shakespeare Society of India, 7-9 March 2013.

Dr. Brinda Bose: 'Fifty Shades of Gay'. International Seminar, Feminist Inscriptions in Social Theory. Centre for Studies in Social Sciences, Kolkata, 22-24 February 2013.

'Greek Flower, Greek Ecstasy: Feminist, Modernist Erotics in the Poetry of H.D.'. International Seminar on American Woman's Poetry, Loreto College, Kolkata, 17-18 December 2012.

'Dissensuality: Notes on New Feminisms'. National Seminar, Rethinking Women's Issues in Contemporary India, University of Mumbai, 12 January 2013.

Dr. Prasanta Chakravarty: 'Trajectories in Contemporary Humanities' Conference on The Humanities in Ferment, Nehru Memorial Museum and Library, New Delhi, 16-18 August 2012.

Dr. Raj Kumar: 'The Context of Dalit Literature', Conference on Dalit Literature: Assessment and Reassessment, Chhatia College, Odisha, 23-24 September 2012.

Dr. Rochille Pinto: 'Land and narration in 19th century Goa', XIV International Seminar on Indo-Portuguese History, India International Centre, Delhi.

Publications

Books

Sen, S. 2012. London, Radical Expression and the Making of the Dickensian Aesthetic, Columbus: Ohio State University Press.

Bhattacharyya, R. 2013. 'Notes of Running Feet': English in Primary Textbooks, co-authored with Anuja Madan et al, Bhopal: Eklavya.

Journal Articles

Panja, S. 2012. 'Solvyns' Shadow', Pageants of the Raj: the Workforce, (ed.) Pande, A. Delhi: Flag Foundation of India, pp. 65-88.

Sen, S. 2012. 'Bleak House, Vanity Fair, and the making of an urban aesthetic' and 'Hogarth, Egan, Dickens and the making of an urban aesthetic' in Dickens and the City (ed.) Jeremy Tambling: Ashgate, London, pp. 375-97 and 473-95.

Dewadawson, C.R. 2013. 'Sherlock Holmes and the Darwinian legacy,' Science and Literature in the Nineteenth Century, (ed.) Dutta, S. Delhi: Worldview, pp. 13-27.

Chattarji, S. 2012. 'Will there be peace again?: American and Vietnamese poetry on the Vietnam War', The Edinburgh Companion to Twentieth-Century British and American War Literature, (ed.) Piette, A. and Rawlinson, M., Edinburgh: Edinburgh University Press, pp. 214-221.

Majumdar, R.G. 2012. 'O'Neill's Tryst with the Power of Blackness', Critical Insights: Eugene O' Neill, (ed.) Steven F. Bloom, New York: Salem Press, pp. 114-131.

2013. 'Deep in My Silent Sea': The Influence of Coleridge's The Ancient Mariner on Eugene O'Neill', Intertextuality in American Drama: Critical Essays on Eugene O'Neill, Susan Glaspell, Thornton Wilder, Arthur Miller and other playwrights, (ed.) Drew Eisenhauer and Brenda Murphy, Jefferson, North Carolina: McFarland, pp. 25-35.

Satpathy, S. 2012. 'Radhanath Ray: Mahayatra: Eka Bitarka' [Odia essay] Megha, 23: 47-78.

2012. 'India in Verse: A Review Article', Indian Literature, 267: 275-279.

Kumar, U. 2013. 'The Strange Homeliness of the Night: Spectral Speech and the Dalit Present in C. Ayyappan's Stories', Studies in Humanities and Social Sciences, XII: 1-2 (2010, publ 2013): 177-192.

2012. 'The Primacy of Criticism: Kuttikrishna Marar and the Normative Frames of Realism', The South Asian Review, special issue on South Asian Realisms and Post-realisms, 32.1: 153-172.

- Bhattacharya, R. 2013. 'Chosen Families and Self-Transformations in Dhan Gopal Mukerji's Books for Children, 1920s–1930s', *South Asia: Journal of South Asian Studies*, 36.1.
2012. 'Making a 'Play-text': Innovative Uses of Traditional Arts', *Journal of Language and Language Teaching*, 1.1: 40-45.
- Bose, B. 2012. 'Kolkata Turning: Contemporary Bengali Cinema and the Politics of Change' (with Prasanta Chakravarty). *Thesis Eleven: Critical Theory and Historical Sociology*, 113: 129-140.
- Chakravarty, P. 2012. 'Hobnails, Clouted Shoes and Godliness: Levelling the Natural Law Tradition.' *Critical Imprints*, I: 35-46.
2012. 'Kolkata Turning: Contemporary Urban Bengali Cinema and the Politics of Change', (with Brinda Bose), *Thesis Eleven: Critical Theory and Historical Sociology*, 113: 129-140.
- Kumar, R. 2012. 'Ambedkar and Radicalization of Dalit Life', *The Fourth World: Journal of the Marginalized People*, 29. 1: 29-42.
2012. 'Voices against Oppression', review of *Survival and Other Stories: Bangla Dalit Fiction and Translation* ed. Sankar Prasad Singha and Indranil Acharya, *Indian Literature*, LVI. 3: 278-281.
- Chandra, N. 2012. 'The prehistory of the superhero comics in India (1976–1986)', *Thesis Eleven*, 113: 57-77.
2013. 'Slumdog Aesthetics of Indian Poverty', *The Slumdog Phenomenon: A Critical Anthology*, (ed.) Gehlawat, A. London: Anthem Press, pp. 29-38.
- Bhattacharya, B. 2012. 'Problematizing realism in early Bengali novels: The prehistory of a narrative convention in Bankimchandra Chattopadhyay's *Bishbriksha* (*The Poison Tree*, 1872-3)', *South Asian Review*, 32.1: 69-92.
- Raja, I. 2013. 'Can the Subaltern Eat? Modernity, Masculinity and Consumption in the Indian Family', *South Asian History and Culture* pre-print version: <http://dx.doi.org/10.1080/19472498.2013.768874>.
2013. 'Contractarianism and the Ethic of Care in Indian Fiction', *South Asia: Journal of South Asian Studies*, 36.1: 108-126.
2013. 'Unfamiliar Ground: Security, Socialization and Affect in Indian Families', special issue of *South Asia: Journal of South Asian Studies*, 36.1.
2013. 'Editorial: Unfamiliar Ground: Security, Socialization and Affect in Indian Families', special issue of *South Asia: Journal of South Asian Studies*, 36.1: 1-9.
2012. 'The Unruly City: Signboards, Streets and Democratic Spaces', co-authored with Ken Botnick, *Thesis Eleven: Cultural Theory and Historical Sociology* 113: 94-111.

2012. 'Conrad's Chinese: Orientalism, Eurocentrism, Racism', co-authored with Terry Collits, Joseph Conrad and the Orient, (ed.) Acheraiou, A. and Icoz, N. Conrad: Eastern and Western Perspectives, Vol. 21 – East European Monographs, Boulder, Maria Curie-Sklodowska University Press, Lublin, pp. 239-262.

2012. 'New Literatures: The Indian Subcontinent and Sri Lanka', *The Year's Work in English Studies*, 91.1: 1025-1034.

2012. 'Editorial: Media and Mediated Popular Cultures in India', special issue of *Thesis Eleven: Cultural Theory and Historical Sociology*, 113: 3-11, co-edited with Trevor Hogan.

2012. 'Australia and India', co-authored with Phillip Darby, *Sociology: Antipodean Perspectives*, (ed.) Peter Beilharz and Trevor Hogan, South Melbourne: Oxford University Press, pp. 187-192.

2012. *Popular Media and Cultures in India*, special issue of *Thesis Eleven: Cultural Theory and Historical Sociology*, 113, co-edited with Trevor Hogan.

GERMANIC AND ROMANCE STUDIES

M.Phil. Degrees awarded

M.Phil. : 1

Appointments of faculty members to higher Posts/Assignments

Dr. Minni Sawhney: Appointed Visiting Professor at School of Languages, Doon University, Uttarakhand, 2012.

Seminars/Conferences attended

Dr. Kusum Aggarwal: 'La langue française et les littératures francophones d'Afrique subsaharienne: réflexions sur les modalités d'une relation, d'une écriture' 3rd Asia-Pacific Congress of the FIPF, *Le Français en Asie-Pacifique. La Passion et la raison*, Chennai, 13-16 March 2013.

'Ethnographie coloniale comme stratégie d'expression du social : le cas de Doguicimi de Paul Hazoume', International Colloquium, *Imaginaire et urgence du social dans le texte francophone*, organized by the Canadian Research Chair in African Literatures and Francophonies, University of Laval, Quebec, Canada, 3-5 May 2012.

Dr. Kusum Aggarwal, Prof. Vibha Maurya, Prof. Shaswati Mazumdar, Dr. M.S. Joshi, Dr. Farida Irani, Dr. Tanya Roy, Maneesha Taneja, Jyoti Sabharwal, Ramesh Kumar, Rosy Singh, Ena Panda, Rama Paul and Manmohan Singh: 'City City Bang Bang': Contemporary Literary and Cultural Representations of the City International Conference, University of Delhi, 21-23 March 2013.

Dr. Minni Sawhney: *The Literature of the Northern Frontier* at the Institut für Romanistik, Friedrich-Alexander University, Erlangen- Nuremberg, Germany, 2 July 2012.

International Congress of Americanists: Paper presented 'Representation of an Exceptional Space: The Mexican- U.S. Border', Vienna, Austria, 15-22 July 2012.

'Exemplary Novels and other works of Cervantes' CSPILAS, Jawaharlal Nehru University, New Delhi, 13-14 February 2013.

International Conference on 'Gender Studies and Expanding Horizons of Inter/Trans-Culturality', JNU, New Delhi, 7-8 March 2013.

Paper Presented: 'Relevance of Gender in the Narco Novel', National Seminar on 'Muslims in the Making of Spanish Cultural Identity', Jamia Millia Islamia, 19 March 2013.

Dr. M.S. Joshi: '9.DAAD-Nachwuchs symposium' organized by the German Academic Exchange Service and Centre of German Studies, JNU, 25-27 February 2013.

'Comparing to what purpose?' International Conference organized by the Goethe Society of India and Centre of German Studies, JNU, 25-27 February 2013.

Dr. Farida Irani: Presented a Paper on 'Identifying the Learning styles of students of French – A case study, Third Regional Conference of the Asia Pacific Commission of the Fédération International des Professeurs de Français, Chennai, 13-17 February 2013.

Tanya Roy: Organized a talk by Prof. Matteo Santipolo, University of Padova, on Piu' Modelli Per La Classe D'italiano LS: Una Proposta in Chiave Pragmatica, 10 October 2012.

Publications

Research Articles

Aggarwal, K. 2013. In collaboration with Viviane Azarian, University of Bayreuth, La théorie postcoloniale à l'épreuve de la littérature africaine francophone. Réflexions générale et lecture de l'œuvre auto-bio-graphique d'Amadou Hampâté Ba, in Postures Postcoloniales. Domaines africains et antillais, Paris, Karthala, pp. 31-64.

Sawhney, M. 2012. Translation *The Eye of the Gods*. New Delhi: Om books International.

2012. 'El espacio en las novelas fronterizas de Luis Humberto Crosthwaite y Gabriel Trujillo Muñoz in *Gente de Frontera: The Mexico – U.S. Border in Hispanic Literature* (ed.) Jeffrey Oxford, Puerto Rico: Casa de los Poetas.

Joshi, M.S. 2012. 'Korpora und ihr Gebrauch im Übersetzungsunterricht an der Universität Delhi' in *German Studies in India: Beiträge aus der Germanistik in Indien, Neue Folge Bd. 3*, iudicium Verlag, Munich, Germany, pp. 176-184.

2012. 'Pragmatics and Creativity in Literary Translation' in *World Literature & Translation as Cultural Praxis*, Goethe Society of India Yearbook 2012, New Delhi: Mosaic Books, pp. 34-45.

Singh, R. 2013. 'Franz Kafka: Mythology in Bureaucratic Modernity', *Goethe Yearbook*, pp. 108-120.

2013. 'On Peter Handke's *Warum eine Küche? Memories, War and Media*', *German Studies in India*, No. 3, pp. 113-123.

2013. 'Shah Hussain', *South Asian Ensemble. A Canadian Quarterly of Arts, Literature and Culture*, Vol. 3 & 4, No. 4/1, 2011/12, pp. 157-170.

HINDI

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	40
M.Phil.	:	20

Honours/Distinctions

Prof. Prem Singh: National Award for the Empowerment of Person with disability.

Dr. Mukesh Garg: Awarded 'Raag Ranjani Bhushan' by Raag Ranjani, Delhi.

Seminars/Conferences attended

Dr. Rajendra Prakash Gautam: International Conference, organized by Pakistan Academy of Letters, Topic: 'Democracy and Literature', Islamabad, 10-11 January 2013.

Dr. Kusum Lata Malik: Presented a paper titled 'Mahila Utpidan' in an International Conference organized by All India Confederation of the Blind, Rohini, 8 June 2012.

Presented a paper in an International Conference organized by All India Confederation of the Blind, titled 'Atmavishwas Parichay Aur Vistar', Rohini, 6-7 October 2012.

Presented a paper titled 'Brain Drain: Curse or Boon' in an International Conference organized by Tecnia Institute of Rehabilitation Sciences, 22 January 2013.

Presented a paper titled 'Ravindranath Thakur Ke Sahitya Ki Prasangikta' in a National Seminar organized by Manav Daitwa Sansthan, Delhi Rabindra Bhawan, Sahitya Akademi, 16 May 2012.

Presented a paper titled 'Upniveshvaad Ke Virodh Mein Manto', in a National Seminar organized by Institute of Socialist Education, Ministry of Culture, 8 December 2012.

Dr. Sudha Singh: National Seminar on the topic 'Women Writings in Hindi' held at Mahatma Gandhi University, Wardha, Nagpur, 1-3 February 2013.

National Seminar on the topic 'History and Women' writings in Hindi, IFIU, Histro City, at Hyderabad, February 2013.

National Seminar on the topic 'Ramvilas Sharma Aur Hindi Alochna', UGC Sponsered by Calcutta University, 28-29 February 2013.

Publications

Books

Sharma, H. 'Nibandhon Ki Duniya: Sumitranandan Pant', New Delhi: Vani Prakashan, (Editing Only).

Singh, S. Mera Bachpan, Mere Kandhon (Part 2) editing and addition of 50 pages, Vani Prakashan.

'Uttar Sadi Ka Katha Sahitya', Anamika Prakashan.

'Dalit Bachpan Vedna ka Bisphot', analytical study of Sheoraj Singh Bechain's Autobiography by Nitin Gaikwad, Swaraj Prakshan.

'Sakshatkar' in book 'Dalit shikharon ke Sakshatkar' by Dr. Yashwant Virodhaya, Aakash publications.

'Janatantra, Janmadhyam Aur Vartman Sanakat' Armand Mattelart Collected, Edited & Translated by Sudha Singh, Published By Granthshilpi.

'Soochna Samaj: Ek Parichay' Armand Mattelart Collected, Edited & Translated by Sudha Singh, Published by Granthshilpi.

'Janmadhyam' Peter Golding, translated by Sudha Singh, Published by Granthshilpi.

Gautam, R. 2012. Navgeet Ka Janonmukhi Paridrishya, Navgeet Ke Pratimaan, Delhi: Konark Prakashan, Edition, 221-234.

Research Paper/Articles

Patel, R.N. 2012. Hindi mein Haiku Kavya, I.G.S.K. University, Khairagarh (C.G.)

Gautam, R. 2013. 'Vartmaan Bhaarat Ka Gyan-Kendra: Delhi Vishvavidyalay', Gyan Garima Sindhu HRD, 25-26, 100-150.

2013. 'Navgeet Ka Naya Paridrishya', Sarasvati Suman, 55, 21-29.

Malik, K.L. 2013. 'Rang Sakshatkar' in Yuva Samvaad Magazine.

2013. 'Aalochna' Magazine 'Navpunjivaad Ke Khilaaf Tana Manto'

2013. 'Samkaleen Rangmanch' Visheshank 'Rang Sakshatkar to Dinesh Thakur'.

Kamble, M.M. Presented Research Article Topic 'Videshi Bhasha Ke Roop Mein Hindi Shikshan Ki Chunautiyan' in Seminar, organised by Kendriya Hindi Sansthan and Bhartiya Bhasha Sansthan.

2013. Organised and Participated, 'Anuvaad: Path Aur Vyavhar' (Samtulyata Ke Siddhant).

2013. Organised and Participated, 'Sahitya Chunauti : Srijnatmak Chunauti'.

Kumar, A. Research Paper on Adam Gondwi, Published in 'Kal Ke Liye' Journal.

Conferences 'Poetry Criticism in Patna', 'Poetry of Shamsheer Bahadur Singh in Delhi', 'Contribution of Ramvilas Sharma in Agra', Histrionics of Ramvilas Sharma, in BHU, Varanasi.

LIBRARY & INFORMATION SCIENCE

Ph.D./M.Phil. Degrees awarded

Ph.D. : 2
M.Phil. : 12

Seminars/Conferences attended

Dr. R.K. Bhatt: Participated in 'National Conference on Human Resource Development in Library Services in India-2013' organized by Society for Library Professionals in association with IEG, Delhi and SLA Asian Chapter, University of Delhi, 9 March 2013.

Dr. Paramjeet K. Walia: Participated in 'XXXIX IATLIS National Conference on 'LIS Education and Research: Contemplating Persistent and Debatable Issues' at DRTC, Bangalore, 20-22 March 2013.

Dr. K.P. Singh: Participated National Conference on 'Electronic Theses and Dissertations (ETD)' held and organized by JNU, 16 January 2013.

Dr. M. Madhusudhan: First Indian Social Work Congress 2013. 'Social work profession in India: Bridging gaps and building bridges', Delhi, 23-25 February 2013.

Publications

Books

Verma, O.P. and Walia, P.K. 2012. Digital Database of Homeopathic Information Resources in India: Design and Development: A Plan Proposal (Germany: LAMBERT).

Singh, K.P. 2012. UDC: A Manual for Classification Practical and Information Resources, Today and Tomorrow's Printers and Publishers, 389.

Singh, K.P. and Singh, M. 2012. Use of Social Networking Sites in India: Practices, Prospectus and Problems, Germany: LAP LAMBERT: Academic Publishing.

Research Articles

Walia, P.K. and Gupta, M. 2012. 'Application of Web 2.0 Tools by National Libraries.' Webology, 9.2:99.

2012. 'Web Impact Factor of Select National Libraries Websites'. DESIDOC Journal of Library and Information Technology, 32.4: 347-352.

Walia, P.K. and Sohal, M.K. 2012. 'Content Analysis of Journal Literature Published from UK and USA', Library Philosophy and Practice: 833.

2012. 'Authorship Pattern in Library and Information Science Journal Literature.' Information Studies, 18.3: 163-176.

Kumar, R. and Walia, P.L. 2012. 'Web Based Information Sources and Services': A Case Study of St. Stephen's College. Library Philosophy and Practice (e-journal): 768.

Singh, K.P. 2012. 'Information Use, Satisfaction and Difficulties: A Case Study of Agricultural Scientists in India', Library Philosophy & Practices (e-journal): 703.

2012. 'Library and information science education in India: An accounts of hundred years (1911)' in Information Control and Management in Digital Environment: Festschrift in honour of Prof. K.C. Panda, (ed.) Karisiddapha, C.R. and Padhi, R. Atlantic Publishers and Distributors, 327-341.

2013. 'Open access scholarly publishing in Economics: An analytical survey' in *Electronic Resource Management in Libraries: Festschrift in honour of Dr. A.L. Moorthy*, (ed.) Ramaiha, C.K. Allied Publisher, 164-172.
- Singh K.P. and Singh, M. 2012. 'Use of E-Journals by Medical Professionals: A study of ICMR Libraries in Delhi'. *Library Philosophy and Practice (E-journals)*: 810.
2013. 'Web 2.0 Technologies in Libraries: A Survey of Periodical Literature Published by EMERALD', *Library Review*, 62.3: 1-26.
- Singh K.P. and Bebi, 2012. 'Use of E-Journals by Agricultural Scientists: A Case Study of ICAR Libraries in Delhi', *Library Herald*. 50.2: 160-179.
- Madhusudhan, M. 2012. 'Use of Social Networking Sites by Research Scholars of the University of Delhi: A study', *International Information & Library Review*, 44.2: 100-113.
2012. 'Content Evaluation of Indian Institute of Technology library websites in India', *World Digital Libraries*, 5.2: 1-20.
2013. 'Digital preservation issues of electronic media in libraries'. In *Information Management Today and Tomorrow*. (eds) E. Rama Reddy et al, 27-387. Delhi: B.R. Publishing.
- Madhusudhan, M. and Nagabhushanam, V. 2012. 'Use of Web-Based Library Services in Select University Libraries in India: A study', *International Journal of Library and Information Studies*, 2.1: 1-20.
2012. 'Web-based Library Services in University Libraries in India: An Analysis of Librarians' Perspective', *The Electronic Library*, 30.5: 569-588.
- Madhusudhan, M. and Rani, S. 2012. 'Use of Web-Based Online Public Access Catalogue by the Foreign Students at the University of Delhi', *World Digital Libraries*, 5.2: 43-58.
- Ajeemsha, S. and Madhusudhan, M. 2012. 'Competency for LIS Professionals in the Working Environment: Analysis and Dimensions', *International Journal of Library and Information Studies*, 2.4: 18-25.
2012. 'Emerging Technologies for the Competency Development of New Generation LIS Professionals', *Journal of Library and Information Science*, 37.1: 22-29.
- Madhusudhan, M. and Vats, S. 2012. 'Digital Preservation of Electronic Media in Select Media Libraries in the National Capital Region of Delhi', *Journal of knowledge & Communication Management*, 2.1: 1-31.
- Sangam, S.L. and Meera, 2013. 'Indian Chemical Literature 1907-2005: Activity and Growth'. *International Journal of Information Research*. 2.3: 1-8.
- Bhatt, R.K. and Majumdar, S. 2013. 'Libraries through the ages in India: Sojourn from palm leaf to palmtop', Edited by Ravindra N. Sharma on behalf of IFLA. Vol. 2. Germany: De Gruyter Saur.

Bhatt, R.K. and Vineeta, 2012. 'Role of E-Learning in Modernization of Library Services in Digital Era: A Study of Academic Libraries in Delhi', Edited by Karisiddappa, C.R. and Padhi, P. Delhi: Atlantic Publishers & Distributors (P) Ltd.

Madhusudhan, M. and Rani, K. 2013. 'Current practices in the management of electronic resources in university libraries in Delhi: an analytical study'. In Electronic Resources Management in Libraries. (ed.) Chennupati K Ramaiah, 86-101, Allied Publishers.

LINGUISTICS

Ph.D./M.Phil. Degrees awarded

Ph.D. : 4
M.Phil. : 7

Appointments of faculty members to higher Posts/Assignments

Prof. Tista Bagchi: CSIR Mobility Scientist, Prof. Tista Bagchi was an Honorary Visiting Professor at the School of Cognitive Science, Jadavpur University, Kolkata.

Honours/Distinctions

Prof. Ravinder Gargesh: An award bestowed by ASIA TEFL (Seoul, South Korea) at the Inaugural Ceremony of the 10th Asia TEFL International, Hotel Leela, Kempinsky, Gurgaon.

President, TEFSOL Asso. of the Teachers of English as a Foreign/Second Language in India.

Prof. Tista Bagchi: Special listee in Marquis Who's Who in the World in 2012.

Seminars/Conferences attended

Dr. Tanmoy Bhattacharya: 'Gushing-Up and Trickling-Down: The High and the Low of Politeness in Central Māgadhan Prākṛit Languages', talk at Boundaries seminar at CASL, 23 March 2013.

Dr. Pradeep Kumar Das: Presented a paper titled, 'Agreement in Kinnauri' as an invited speaker in the International 18th Himalayan language symposium, Varanasi.

Publications

Books

Bhattacharya, T. 2012. Sluicing in Indo-Aryan: an investigation of Bangla and Hindi, in Sluicing in a cross-linguistic perspective, edited by Jason Merchant and Andrew Simpson, Oxford University Press.

2012. 'History of the Calcutta Deaf and Dumb School'. Disability History Association Newsletter, Spring.

Das, P.K. 2012. The Generative Approach to the computation of Verbal-strings in Hindi, IJL, ISSN 0974-3421, Agreement in Kinnaur, Indian Linguistics, Vol. 73, ISSN 0378-0759.

2013. Ergativity in Khortha: an enigmatic phenomenon, J SAS, HUFS, South Korea IJL, ISSN 1598-1061.

2013. Strengthening and weakening of linguistics features: a case of complex predicate in Hindi, IJL, ISSN – 0974-3421.

Coelho, G. 2012. 'The re-emergence of finite serial verbs in South Dravidian.' In Annual Review of South Asian Languages and Linguistics 2012, edited by Singh, R. and Bhattacharja, S.45-75. Boston: Walter de Gruyter.

2012. 'Betta Kurumba language'. In Encyclopedia of the Nilgiri Hills, edited by Paul Hockings. Delhi: Manohar Publications.

Research Articles

2013. Review article of Structural Nativization in Indian English Lexicogrammer, by Marco Schilk (Amsterdam: John Benjamins, 2011, xii+ 182 pp) in World Englishes, Vol. 32, issue 1, pp. 132-134.

MODERN INDIAN LANGUAGES & LITERARY STUDIES

Ph.D./M.Phil. Degree awarded

Ph.D. : 4
M.Phil. : 6

Honours/Distinctions

Prof. A. Mariappa: Awarded the Best Translation Award for the year 2012 for his translation of Indira Goswami's Novel The Saga of South Kamrup into Tamil.

Seminars/Conferences held

National Seminar on 'Women's Texts: Historiography' held in the Department, 19-20 February 2013.

Seminars/Conferences attended

Dr. Venkata Ramaiah G. Presented a paper titled 'Pragna prabhakara dasrhanamu' (in Telugu) in the National Seminar on 'Sriman Veturi Prabhakara shastri gari 125 jayanti Vedukalu' organized by Tirumala Tirupati Devasthanam and Delhi Telugu Academy, 9 March 2013.

Publications

Books

Mariappan, A. 2012. 'A Study on Folk-Narratives in Tamil'.

Gampa, V.R. 2013. Vyasa Gangadharam. (An Anthology of Literary and Critical Essays) Kadapa: Manyasri Prachuranalu.

Article

Gampa, V.R. 2012. 'Prapanchikarana nepathyamlo girijana bhasha samskrutulu' in Adhunika samajamlo girijana Bhasha samskrutulu, Edited by Bhukya, T. 140-159. Kuppam: Dravida vishvavidyalayam.

PHILOSOPHY

Ph.D./M.Phil. Degrees awarded

Ph.D. : 9
M.Phil. : 4

Honours/Distinctions

Prof. Ashok Vohra: Guest of honour at the inaugural function of the National Seminar on 'State and Freedom: Ambedkar's Perspective', Pondicherry University, 27-28 September 2012.

Appointed as the Editor, Journal of Indian Council of Philosophical Research, April 2012.

Seminars/Conference attended

Prof. Ashok Vohra: Chaired the Plenary Session in the International Conference 'Gandhirama-2012: A Feast of Ideas and Festival of Arts', JNU, 22 August 2012.

Chaired session II National Seminar on 'Mahatma Gandhi and the Current Scene of Corruption in the Country' at the Centre for Gandhian Studies, GITAM University, Vishakhapatnam, 28 August 2012.

Delivered the keynote address on 'Knowledge, Wisdom and Ecological Awareness', at National Seminar on 'Man and Environment', Christ College, Cuttack, Odisha, 15-16 September 2012.

Chaired the Fourth Academic Session of the National Seminar on 'Man and Environment' held at Christ College, Cuttack, Odisha, 15-16 September 2012.

Delivered a Lecture on 'Varnashrama-Vyavastha and the Idea of Freedom: Iconoclasm of Ambedkar' in the National Seminar on 'State and Freedom: Ambedkar's Perspective', Pondicherry University, 27-29 September 2012.

Dr. Kanchana Natarajan: Participated in a National Seminar on 'The Philosophy of Prof. T. M.P. Mahadevan' at Madras University and presented a paper titled 'A Note on 'Prapancoyadividyetanivartetasamsayah' of Gaudapada', 23-25 March 2013.

Dr. Ajay Verma: Participated in International Conference 'Gandhirama - 2012: A Feast of ideas and a Festival of Arts', JNU, 17-22 August 2012.

Dr. Shashi Motilal: Presented paper on 'Human Rights, Human Moral Obligations and Moral Cosmopolitanism' at National Conference on Contemporary Perspectives on Contextualizing Human Rights: From Development Values to Environmental Rights, 5-6 March 2013.

Publications

Articles

- Vohra, A. 2012. 'Brahman With and Without Form', The Times of India.
2012. 'Nehru Loathed religion, found it irrational', The Sunday Pioneer, May 27.
2012. 'What Divides Us and Them', The Times of India, September 4.
2012. 'Proof that God Does Exist', The Times of India, October 13.
2012. B The Times of India, October 24.
2012. 'When Dayananda Got Enlightenment', The Sunday Pioneer.
2013. 'Jainism: The Way to Lasting Peace through Pluralistic Understanding', Asian Perspectives on the World's Religions after September 11, (eds) Sharma, A. and Khanna, M. Praeger, Santa Barbara, California, pp. 15-22.
2013. 'Mandan Mishra Aur Adi Shankracharya Samvad: Samkalin Samajke Liye Kucha Naitik Nishkarsh', ChintanSrijan, Vol. X, No. 3, pp. 9-16.
2013. 'Perception, Cognition and Religious Symbolism', Perception: An Interdisciplinary Exploration, (editors) Painadath, S. and Sreekala M. Nair, ISCPK, Delhi, pp. 1-17.
2013. 'Bhartiyataaur Rashtriya Asmita', Unmilan, Vol. 26, 2, July, 2012, pp. 77-89.
2013. 'Death As Gateway To Perfection', The Times of India.
- Sahni, P. 2012. 'Environmental Ethics in the Buddhist Jâtaka Stories' in the Journal Religions, pp. 137-153.

Books

- Natarajan, K. 2012. 'Transgressing Boundaries: The Songs of Shenkottai vudaiAkkal', Zuban an Imprint of Kali for Women, Delhi.

PUNJABI

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	1
M.Phil.	:	10

Honours/Distinctions

Dr. Manjit Singh: Honoured with Kartar Singh Duggal project fellowship for writing a book on 'History and Achievements of Delhi School of Punjabi Criticism' by Punjabi Sahitya Sabha.

Seminars/Conferences held

National Seminar on the subject 'Revisiting Rabindranath Tagore's Literary Writings Translated in Punjabi Language' followed by a Punjabi Poets Meet to pay tributes to Shri Rabinderanath Tagore an eminent Internationally known genius and a versatile personality of Bangla Literature.

Seminars/Conferences attended

Dr. Manjit Singh: Delivered a lecture on the 'Significance of the Bani of Guru Granth Sahib in the contemporary world' in a National Seminar on 'Relevance of different religious books, their messages, values and awakening in life in the Contemporary World' organized by Guru Nanak Studies Centre.

Contributed a research paper entitled 'The Re-articulation of Native History in Diaspora in the reference of novel 'Akal Sahai'' at Southall/Greenford Residents Hall, Middlesex. International Seminar organized by the Adara Shabad a literary organization of UK, 30 June 2012.

Contributed a research paper entitled 'Poland Vich Vasdi Anna Punjabann: Vakhre Muhandre Vali Kitab' at Wolverhampton, U.K., seminar organized by Progressive Writers Association, UK, 14 July 2012.

Presented a research paper on 'Tagore's views on Nationalism : A Critical Analysis', National Seminar on 'Revisiting Rabindranath Tagore's Literary Writings Translated into Punjabi Language'.

Dr. Jaspal Kaur: Presented a research paper entitled 'Immigrant consciousness and its impact on Punjabi Language, Literature and Culture' at Progressive Punjabi Writer's Conference, Wolverhampton, UK, 26 June 2012.

Presented a research paper entitled 'British Punjabi Diaspora and Bartanvi Punjabi Novel' at International Conference on Parvasi Punjabi Novel organized by Adara Shabad, Southall, Middlesex, UK., 30 June 2012.

Presented a research paper entitled 'Manzil hor Parey: Pathki Parvachan' at International Seminar on Parvasi Punjabi Sahit, Slaugh organized by Lekhak Ate Pathak Manch, Slaugh, UK., 7 July 2012.

Presented a research paper entitled 'Changing Pattern in Parvasi Punjabi Kavita' International Conference organized by Progressive Writer's Association Bricktin Community Centre, Wolverhampton, UK, 8 July 2012.

Dr. Kulvir Gojra: Presented a research paper on 'Varinder Parihar: Kaav Sarokaar te Drishti', National Seminar on Ist Punjabi Diaspora Conference, Punjabi University.

Presented a research paper on 'Duggal diyan Kahanniyān vich dalit aurat di Peshkari' in a two-day National Seminar on 'Revisiting Literary writings of late Sh. K.S. Duggal' organized by Punjabi Sahit Sabha, 19-20 March 2013.

Publications

Books

Singh, M. 2012. Punjabi Sufi Kaav-Suran, (ed.), Manpreet Prakashan.

2012. Seeharfian: Sultan Bahu, Delhi: Arsee Publishers.

2013. Sirjnatmak Lekhan Ate Jan Sanchar Madiyan, (co-ed.), Manpreet Prakashan.

Sahitak Virse Di Sambādikta, Delhi: Arsee Publishers.

PERSIAN

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	3
M. Phil.	:	1

Honours/Distinctions

Prof. Rehana Khatoon: Honoured with the Maulana Mohammad Jauhar Ali Award- 2012 by Maulana Mohammad Jauhar Ali Academy, New Delhi.

Dr. Aleem Ashraf Khan: Honoured with the Majeedia Silver Jubilee Award 2012, Presented for 'Exemplary Contribution in the field of Education' by Jadeed Foundation Trust.

Seminars/Conferences attended

Prof. S.B.F. Husaini: National Seminar on 'Modern Persian Literature', 16 January 2013.

International Seminar on 'Indo-Persian Literature, in commemoration of the legacy and contribution of late Prof. S.A.H. Abidi to Persian Literature' on 28 February-2 March 2013.

International Seminar on Mirza Abdul Qadir Bedil a famous secular Sufi Poet of India, organised by Jamia Hamdard and Bedil International Foundation in India, 15-18 March 2013.

Prof. S.B.F. Husaini and Prof. Rehana Khatoon: International Seminar on Exploring Delhi's Social & Cultural Traditions through Persian Literature (Mughal Period) organised by Zakir Husain Delhi College, 7-9 November 2012.

Prof. Rehana Khatoon: International Seminar on 'Indo-Persian Literature, in commemoration of the legacy and contribution of late Prof. S.A.H. Abidi to Persian Literature' and present a paper entitled: Amir Hasan-i-Abidi, 28 February-2 March 2013.

International Seminar on Mirza Abdul Qadir Bedil a famous secular Sufi Poet of India, organized by Jamia Hamdard and Bedil International Foundation in India and present a paper entitled: Bedi wa Pairawan-i-Bedil, 15-18 March 2013.

Dr. Aleem Ashraf Khan: International Seminar on 'Urs-e-Bedil' organized by Department of Persian, J.M.I. New Delhi, Cultural section of I.R. of Afghanistan and Persian Research Centre, Embassy of I.R. of Iran, Jamia Millia Islamia and present a paper entitled: 'Kitab-e-Bedil, Navishtah-e-Ebadullah Akhter', 17-18 October 2012.

Presented a paper entitled: 'Ahd-e-Shahjahani ke Zaiqe' International Seminar on 'Sources of Indian History and Culture' organized by Rampur Raza Library, Rampur, 2-4 November 2012.

Dr. Rajinder Kumar: Participated in three day International Seminar on 'Hadithe Farhange o Tamodan dar Adabeyyate Farsi' at , Zakir Husain Delhi College, New Delhi and presented paper on 'Haidthe Farhang o Tamaddon dar Amale Saleh va Molakhakhas Shahjahan Nameh' in Persian, 27-29 January 2013.

Attended the National Seminar 'Modern Persian Literature' and presented paper entitled 'Realism in Modern Persian Literature' in Persian language, 16 January 2013.

Publications

Books

Husaini, S.B.F. 2012. *Majalla-i-Taheeqat-i-Farsi*, Department of Persian, University of Delhi, Tathir-e-Pazeeri Nazir akbarabadi.

2013. (ed.). *Indo-Persian literature*, Vol. II, Department of Persian, University of Delhi.

Research Articles

2012. *Kand-e-Farsi*, Iran Culture House, New Delhi, Gharibe shahr sukhanhaye goftani darad.

2013. *Kand-e-Farsi*, Iran Culture House, New Delhi, Zufan-e-Guya wa Jahan e Puya.

Khatoon, R. *Persian literature in India*. (English).

2013. Edited and Published *Majalla-i-Tahqeeqat-i-Farsi*.

2012. *Majalla-i-Taheeqat-i-Farsi*, Department of Persian, University of Delhi, Maulavi Shenasan Dar Hind.

2012. *Tazkira Naweesi da Zuban-o-Farsi*, Vol-II 'Mushafi ke Tazkiron ki Adabi Ahmiyat', Markaz-i-Tahqeeqat-i-Farsi, Aligarh Muslim University, Aligarh.

2013. *Majalla-i-Hafiz ke dar Tahfatus Saadat Bara-i-Istened Bardeh Shud*.

2013. Paper entitled: *Khusrau aur Hindustan Proceedings of the Khusrau seminar named 'Tooti-i-Hind*, Amir Khusrau, New Delhi: Brown Publication.

2013. Report on four days International Khusrau seminar's proceedings in the book 'Tooti-i-Hind Amir Khusrau, New Delhi: Brown Publication.

Khan, A.A. 2012. *Persian Research Journal*, Darbare varud e Hazrat Khwaja Moinuddin Chishti Dar Hind wa Ajmer, pp. 130-138.

2012. *Tazkirah Writing in Persian Institute of Persian Research, AMU Aligarh India, Akhbar -al- Akhiyar Fi Asrar -al- Asrar : Tazkirah e Urfa'e Hind Dar Qarn- e- Miyane*, Vol. 1, pp. 325-336.

Kumar, R. 2012. 'Mathnavie mehr o mahe Jamali Dehlvi' (ed.) by Prof. Rehana Khatoon, pp. 141-163.

PSYCHOLOGY

Ph.D. Degrees awarded

Ph.D. : 13

Honours/Distinctions

Prof. G. Mishra: Awarded Fulbright - Nehru Lecturership fellowship by the United States Educational Foundation in India.

Seminars/Conferences held

International Seminar on Indian Culture, Psychology and the Global Civilization: Emerging Perspectives' coordinated by Dr. Eric Soreng and Dr. Suneet Varmasponsored by ICSSR, 22-25 March 2013.

Seminars/Conferences attended

Dr. G. Bhardwaj: Delivered an Invited Lecture on Positive Psychology at Islamic Azad University at Tehran, Iran, 14 October 2012.

Invited lecture Positive Psychology and Gender issues at various Social Context in National Conference on Positive Behaviour: Perspectives and Applications, Pondicherry University.

Chaired a session for Invited Lectures on Self Development and Interpersonal Relations in in National Conference on Positive Behaviour: Perspectives and Applications, Pondicherry University.

Dr. N.K. Chadha: Given Symposium on 'Positive Psychology: Issues and Challenges for the next century' in 30th International Congress of Psychology, Cape Town, South Africa, 22-27 July 2012.

Given Symposium on: 'India Career Development Association- Issues and Concerns' in 30th International Congress of Psychology, held at cape Town, South Africa, 22-27 July 2012.

Presidential address on 'Positive psychology' at the National Conference on Positive Psychology at kasha Vidhyapeth, Varanasi, 24-26 December 2012.

Invited address on 'Success Aging' at the 3rd International Conference at Amity University, Jaipur, 6-8 August 2012.

Dr. D. Chhabra: Presented paper on 'Diabetes Mellitus, Hypertension and Memory Functioning' in 30th International Congress of Psychology, Cape Town, South Africa, 22-27 July 2012.

Presented Symposium on 'Promoting Positive Parenting' in 30th International Congress of Psychology, Cape Town, South Africa, 22-27 July, 2012.

Dr. A. Gupta: Invited to present invited symposium, 'Language processing, dyslexia and bilingualism/multilingualism' at the 30th International Congress of Psychology in Cape Town, 22-27 July 2012.

Invited to deliver an invited address, 'Effectiveness of cognitive interventions for young adults: Implications for everyday life functioning', 30th International Congress of Psychology in Cape Town, 22-27 July 2012.

'Exploring Gandhian world order', chaired a scientific session at the International Seminar at University of Delhi, 29 January 2013.

Presented paper 'Examining executive functioning in children with autism', (Itisha Nagar first author) at the 39th National Annual Conference of Indian Association of Clinical Psychology Conference, AIIMS, New Delhi, 18-20 February 2013.

Dr. S. Pokhriyal and Dr. G. Bhardwaj: 'Executive Functioning and Computed tomography scan of Brain in patients with alcohol dependence syndrome: A cross sectional hospital based study among Indian Patients'. International Journal of Arts and Science, presented at in Boston at Harvard University, 27-31 May 2012.

Dr. S. Bajpai, Dr. S.P.K. Jena and Dr. A. Nehra: 'A Comparative Study of Cognitive Functioning of Overweight Adolescents and Typically Growing Adolescents' 39th National Annual Conference of Indian Association of Clinical Psychology, AIIMS, New Delhi.

Dr. P. Bhatnagar and Dr. S.P.K. Jena: 'Is cognitive Behavioural Therapy Effective in Eating Disorder?' National Conference on Positive Behaviour: Perspectives and Applications, Pondicherry University, 21-22 September 2012.

'Comparative Study of Cognitive Deficits in Patients with Schizophrenia, Bipolar Disorder and Depression'. 2nd Indian Psychological Science Congress, Psychological wellbeing: Building Bridges or Tomorrow under the aegis of National Association of Psychological Science, 5-6 October 2012.

'Cognitive Biases in Eating Disorders: A Review'. XXII Annual Convention of the National Academy of Psychology, Christ University, Bangalore.

Dr. A. Chinmayee, Dr. M. Chandra and Dr. S.P.K. Jena: 'Quality of Working Life and Life Satisfaction of the Nursing Personnel', 39th National Annual Conference of Indian Association of Clinical Psychology, AIIMS, New Delhi.

Dr. S. Chopra and Dr. Jena, S.P.K. 'Effects of Parenting Styles on Depression and Self-esteem of College Students', 39th National Annual Conference of Indian Association of Clinical Psychology, AIIMS, New Delhi.

Dr. S.P.K. Jena: 'Neuropsychology of wellbeing-II', National Seminar on Wellbeing, Badout, UP, 27-28 September 2012.

'Cognitive Perspective of Eating and Wellbeing'. National Seminar on Psychological Interventions for Social Wellbeing, 27-28 September 2012.

Dr. S. Kapoor and Dr. S.P.K. Jena: 'The Effects of Emotional Expression on Self-esteem of Children with Learning Disability' 39th National Annual Conference of Indian Association of Clinical Psychology, AIIMS, New Delhi, 18-20 February 2013.

Dr. V. Sharma and Dr. S.P.K. Jena: 'Effects of Writing About Significant Positive Life Events on Affect, Emotional Wellbeing and Perceived Wellness', 39th National Annual Conference of Indian Association of Clinical Psychology, AIIMS, New Delh, 18-20 February 2013.

Dr. S. Vajpae and Dr. S.P.K. Jena: 'A Comparative Study of Cognitive Functioning of Overweight Adolescents and Typically Growing Adolescents', 39th National Annual Conference of Indian Association of Clinical Psychology, AIIMS, New Delhi, 18-20 February 2013.

Publications

Books

Bajpai, A. and Chaturvedi, S. 2013. 'Emotional Climate and Workplace Spirituality'. In *Spiritual Paradigm for Management*. (ed.) Singh, S. New Delhi: Excel India.

Bhardwaj, G. 2012. 'Perspectives on emotional intelligence: Searching for an Understanding'. Chapter-XII in R. Kumar Pradhan & Nutankumar S. Thingujam 'Emotional Intelligence Optimizing Human Performance at Work tI.Apfl LAMBERT Academic Publishing.

Chadha, N.K. 2012. (ed.) *Social Psychology*, New Delhi: Macmillan.

Chhabra, D. 2013. 2nd Annual International Conference Proceedings on Cognitive and Behavioral Psychology, Singapore: Global Science & Technology Forum.

Research Articles

Chadha, N.K. and Gupta, V. 2012. 'Organizational Role Stress and Personality: Gender Comparison'. *MAIMS Journal of Management*, Vol. 6(2), 1-8.

Dhawan, P.S. and Gupta, A. 2012. 'Mental imagery: Training and its effect on recall'. *Psychological Studies*, 57(4): 417-422.

Kharbanda, K. and Jena, S.P.K. 2013. The effects of teacher-mediated applied behaviour analysis on classroom disruptive behaviour, In S. Deb, Rangaiah, S.K. Sia, D. Dhanalakshmi, B. B. Ganth, and R. Thankangl (eds.) *Students' mental health*, Akansha Pub. pp. 218-235.

Kumar, S.A. and Jena, S.P.K. 2013. 'Effectiveness of peer-mediated computer-assisted and traditional reading programmes in enhancing the reading skills of children with reading difficulties: A comparative study. In S. Deb, Rangaiah, S.K. Sia, D. Dhanalakshmi, B. B. Ganth, and R. Thankangal (eds.) *Students' mental health*, Akansha Pub. pp. 274-287.

Bajpai, M. and Chadha, N.K. 2012. 'Psychosocial determinants of marital discord and satisfaction in changing times: Hope floats'. *Journal of Positive Psychology*, 1(1): 47-65.

Mathur, S. and Chadha, N.K. 2012. *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 Praksh, A. 2012. Kenneth J. Gergen and social Constructionism. *Psychological Studies*, 57, 121-125.

Misra, G. and Paranjpe, A.C. 2012. Psychology in modern India. In Robert W. Rieber (ed.) *Encyclopedia of the history of psychological theories*, pp. 881-892. New York: Springer.

Naaz, S. and Jena, S.P.K. 2013. Impact of Rational Emotive-Behaviour Therapy on adolescent stress, In S. Deb, Rangaiah, S.K. Sia, D. Dhanalakshmi, B.B. Ganth, and R. Thankangal (eds.) *Students' mental health*, Akansha Pub., pp. 258-273.

Paranjpe, A.C. and Misra, G. 2012. Psychology in Pre-Modern India. In Robert W. Rieber (eds) *Encyclopedia of the history of psychological theories*, pp. 892-908. New York: Springer.

Rahmanian, M., Jena, S.P.K. and Samiee, S. 2012. 'A Cross Cultural Study of Behavioral Characteristics in Iranian and Indian Opium Dependents', Journal of Science and Its Applications, 1-11.

2012. 'Assessment of Attentional Bias in Iranian and Indian Opium Dependents: A Cross Cultural Study', Journal of Science and Its Applications, 1, 12-21.

Gupta, I., Thaman, S. and Jena, S.P.K. 2013 'A Study of Inter-rater Reliability of Behavioural Coding: Two Case Studies'. Indian Journal of Health and Well-being, 4, 1, 7-9.

Sethi, M. and Vohra, S.S. 2012. Enhancing hope among disadvantage girls in India. Journal of Positive Psychology, 1: 80-87.

Singh, A.P. and Misra, G. 2012. Adolescent lifestyle in India: Prevalence of risk and promotive factors of health. Psychology and Developing Societies, 24, 145-160.

Woolfolk, A., Misra, G. and Jha, A. 2012. Fundamentals of educational psychology. New Delhi: Pearson.

Wang, K.T., Puri, R., Slaney, R.B., Slaney, R.B. and Chadha, N.K. 2012. Cultural validity of Perfectionism among Indian Students: Examining Personal and family aspects through a collectivistic perspective. Vol. 45(1), 32-38.

SANSKRIT

Ph.D./M.Phil. Degrees awarded

Ph.D. : 12

M.Phil. : 10

New Addition

Dr. Dhananjay Kumar Acharya - Assistant Professor

Seminars/Conference held

Prof. Ashok Aklujkar: Delivered a lecture on "Saraswati in the Rigveda: A Case of Misdirected Research", 23 November 2012.

As part of Prof. Narendra Nath Choudhary Memorial Lecture Series, Prof. Navjeevan Rastogi Renowned scholar on Kashmir Shaivism delivered the lecture on 'अभिनवगुप्त का सौन्दर्य-चिन्तन और त्रिकपरम्पर' on 23 January 2013.

Seminars/Conferences attended

Prof. Mithilesh Chaturvedi: Chaired a session in the National Seminar on "वर्तमान परिप्रेक्ष में संस्कृत आत्मप्रबन्धन और गीता : एक शाश्वत चिन्तन" organized by Ramjas College 6-7 February, 2013.

Prof. Shakuntala Punjani: Participated and presented the paper in द्वितीय विश्व-वेद सम्मेलन (4-7 Nov.2012) महर्षि सान्दीपनि राष्ट्रीय वेदविद्या प्रतिष्ठान, 'दर्शन-शास्त्र की मूलभूत जिज्ञासाएँ और उनका समाधान; श्वेताश्वरोपनिशद् के विशेष सन्दर्भ में'।

Attended A.I.O.C. and presented the paper--Spiritualize Versus Mysticism Srinagar from 1 January-3 October 2012.

Dr. Meera Dwivedi : Presented a paper on "कोएँ रसः" in 46th Session of All India Oriental Conference, Srinagar on 1-3 October 2012.

Dr. Bhartendu Pandey: Chaired a session in a Vedic Conference of Waves and the Department of Sanskrit, South Campus on 26 December 2012.

Publications

Chaturvedi, M. 2012. (ed.) LaghusiddhĒntakamudĪ of VaradrĒja, Tr. & eluc. by Kanshi Ram edited by Mithilesh Chaturvedi, Motilal Banarsi Dass, Vol. III.

Dwivedi, M.: शब्दसंवाद; निबन्ध संग्रह – हंसा प्रकाशन, जयपुर 2012-'भोगवाद की जिहीर्शा में संस्कृत की भूमिका', गुरुकुलपत्रिका, गुरुकुलकांगड़ी, हरिद्वार, जुलाई-सितम्बर 2012, पृ- 151&158.

URDU

Seminars/Conferences attended

Dr. Mohammad Kazim: Wahab Ashrafi 'Qissa Besamat Zindagi Ka' ke Ayine Mein' National Seminar, Faiz Ahmad Faiz, organized by Lalit Narayan Mithila University, Darbhanga, Bihar, 13-14 February 2013.

'Manto ke Afsane Aur Hamara Maujodda Samaj' National Seminar, Manto: Hayat-o-Khidmaat, organized by RNLFORCE, Kolkata, 6-7 January 2013.

'Sa'adat Hasan Manto Ke Kirdar Drama Nigaron Ki Nazar mein', National Seminar on Life and Works of Sa'adat Hasan Manto, organized by University of Jammu, 26-27 August 2012.

Publications

Books

Kazim, M. Daastaangoi, (Hindi), published by Rajkamal Prakashan.

Yograj Ki Kahaniyan, published by Kitabi Duniya, Delhi.

Chapter Published in book by Dr. Mohammad Kazim, Sr. Assistant Professor

'Faiz Ahmad Faiz Ki Makalma Nigari' in book entitled Jahan-e-Faiz edited by Dr. Mushtaq Ahamed, Delhi: Educational Publishing House.

'Zakiya Mashahdi ke Afsane' in Book Urdu ki Ma'arof Afsana Nigar aur Unki Khidmaat, edited by Dr. Nayeem Anis, published by Arshia Publications.

Articles

Indra Sabha: Aadhunik Hindustani Theatre ki Bunyaad, in the book entitled Rang Prasang Bhartiya Rangmanch Ki Aadhuniktayein, edited by Tripathi, R. and published by National School of Drama.

'Bihar mein Urdu Drama aur Dramey ki Tanqid' in a Book Series-2 Aamad Edited by Khursheid Akbar and published by Arshia Publications.

FACULTY OF SCIENCE

ANTHROPOLOGY

Ph.D./M.Phil Degrees awarded

Ph.D. : 9
M.Phil. : 11

Honours/Distinctions

Prof. A.K. Kapoor: Chief Guest at National Seminar on Genetic Variation in Human Populations, S.V. University, Tirupati.

Prof. P.C. Joshi: Director, Third National Conference on SIMA on 'Role of AYUSH and Ethnomedical Systems in Health Care'. Hassan, Karnataka, 29-31 October 2012.

Elected Executive Member, Ethnographic and Folk Culture Society, Lucknow, (2012-2014). Prof.

Subhadra Channa: Invited Visiting scholar to University of Kentucky, Lexington, USA. Dr.

Manoj Kumar Singh: Elected as a Sectional Recorder in the section of Anthropological and Behavioural Sciences of Indian Science Congress Association for 100th and 101st session (2013 and 2014).

Elected as Senior Representative of Southern Asia for World Archaeological Congress in January 2013.

Seminars/Conferences attended

Dr. Subhadra Channa and Dr. Benrithung Murry: 'Women Entrepreneurs in a Globalizing World' (panel organized at the International and Inter disciplinary Seminar on Issues of Legitimacy, Entrepreneurial Culture, Corporate Responsibility and Urban Development. Naples, Italy, 10-14 September 2012.

Dr. A.K. Kapoor: Session Chairperson, International Conference on Sports Economics: An vision of London Olympics 2012, Delhi University Sports Council, 17-19 April 2012.

Dr. Subhadra Channa: Presented paper 'Indigenous Social Movements in the Mountain Regions' panel organized and at the International Conference Global Mountain regions Conference organized by the Appalachian Centre, University of Kentucky, USA, 25-27 October 2012.

'Constructing Identities around borders: Conceptualizing Village, Space and the Self on the Upper Himalayas' key note address delivered at the International Conference on Trans-border Communities and Cultures in Asia jointly held by the Anthropological Survey of India and the Indira Gandhi Rashtriya Manava Sanghralaya, Kolkata, 23-25 February 2013.

Presented the Keynote address at the National Conference organized by the Marathi Anthropological Society, Satara, Maharashtra, 9-10 March 2013.

Dr. P.C. Joshi: 'Perspective of various Stakeholders in Mental Health Care' (Panel Expert in Public Seminars & Round Table Discussions on India International Centre, 9 October 2012.

'Technology for Disaster Mitigation' Scientific Session chaired at the International Conference on 'Building Disaster Resilient Societies –Lessons from Japan', New Delhi, 22-23 February 2013.

Dr. Manoj Kumar Singh: 'The Potential of Archaeological Research in South Asia' (session organized at the VII World Archaeological Congress, Jordan, 13-18 January 2013).

Presented paper 'Anthropology and Future of India' at the Regional Science Congress at M.S. University, Baroda, 15-16 September 2012.

Participated in the 100th Indian Science Congress, at Culcutta University, Kolkata, 3-7 January 2013.

Dr. V.R. Rao: Participated at '38th Annual Conference of the Indian Society of Human Genetics', BHU, 9-11 December 2012.

'Empowering Tribal Communities of India through Education', Tribal University, Amarkantak, MP, 14-16 March 2013.

Dr. Indrani Chatopadhyaya: Presented paper 'Prehistoric painted corridors in Kaimur (U.P.) India: an insight into the Hunter-gatherer Mobility Pattern' at the International Symposium on Anthropology of Global Issues, organized by WCAA, ASA, IAS, University of Delhi, 1-3 April 2012.

Prof. S.M. Patnaik: Invited by German Association für Development Anthropology and the German Ministry for Economic Cooperation and Development (BMZ) to present the key note address 'The Ethical debate in India- A contribution to the formulation of an universal Ethical Guidelines for people active in the development process', during 'Ethics in the Practice of Development Cooperation, International Workshop for the Preparation of Draft Ethical Guidelines', in Bonn, 15-16 June 2012.

Publications

Bansal, A. and Joshi, P.C. 2012. Stress among Sunni Muslims of Delhi with special reference to Psychosociobiogenetic Correlates. Saarbrucken, Germany: LAP Lambert Academic Publishing.

Chandel, S. and Malik, S.L. 2012. Human variation and designing: a kinanthropometric study. Germany: Lambert Academic Publishing.

Rhetso, A. and Malik, S.L. 2012. Impact of HIV on Bio-cultural variables: A study among the Nagas of Nagaland (India). Germany: Lambert Academic Publishing, ISBN No. 978-3-659-11236-2.

Santhi, A. and Malik, S.L. 2012. *Ecology and Human Diversity: Morpho-physiological variation in two scheduled tribes of Tamil Nadu*. Germany: Lambert Academic Publishing, ISBN No. 978-3-659-16574-0.

Channa, S. 2013. *The Inner and the Outer Selves: A Study of Gender, Cosmology and Ecology on the Himalayan Borders*. Oxford University Press.

2013. *Gender in South Asia*, Cambridge University Press.

Channa, S. and Misra, K.K. (eds). 2013. *Gendering Material Culture* (ed). Rawat Publications.

Research Articles

Achoubi, N., Asghar Md., Saraswathy, K.N. and Murry, B. 2012. 'Prevalence of Beta-Thalassaemia and Haemoglobin E in two Migrant Populations of Manipur, North East India'. *Genetic Testing and Molecular Biomarkers*, 16(10): 1195-200.

Aggarwal, A., Khurana, P., Mitra, S., Bhavesh, R., Saraswathy, K.N., Italia, Y.M. and Gautam, K. 2013. Distribution of beta-globin haplotypes among the tribes of Southern Gujarat, India. *Gene*, doi: 10.1016/j.gene.2013.02.039.

Bansal, A., Saraswathy, K.N. and Joshi, P.C. 2012. 'Psycho-social risk factors of cardiovascular disease among the female Sunni Muslims of Delhi Pilot Study'. *Voice of Intellectual Man*. 2,1: 89-94.

Bhasin, P., Choudhary, V. and Kapoor, A.K. 2012. 'Traditional Communications: The Parallels and Contrasts of Networking'. In *J. of Asian Social Science*. 2(10): 1858-1866.

Bhaskar, LVKS., Thangaraj, K., Wasnik, S., Singh, L. and Rao, V.R. 2012. 'Dopamine Transporter (DAT1) VNTR polymorphism in two culturally different populations of South India'. *The American Journal of Addiction*. 1-5.

Biswas, A., Das, S., Seth, S., Maulik, Bhargava, S.K.B. and Rao, V.R. 2012. 'Role of Modifying Genes on the Severity of Rare Mutation of MYH7 Gene in Hypertrophic Obstructive Cardiomyopathy'. *Clinical & Experimental Cardiology*, Vol. 3, 1, 1000225.

Chandel, S. and Malik, S.L. 2012. 'Anthropometric Somatotype of Kshatriya and Kurmi of Uttar Pradesh: population and gender differences'. *Human Biology Review*, 1(1): 1-15.

Channa, S. 2012. 'Global Economy and Constructed Social Imagination: Intersection of Aesthetics, Race, Gender and Caste in South Asia' In *Keynotes in Anthropology* (ed.) Peter Nas and HaoShiyuan Zhang Xiaomin, China.

2012. 'From Equality to Marginalization: Women of Hunter-Food Gathering Tribes' In Arun Kumar Ghosh and Ram Dayal Munda (eds) *The Other Side of Development: The Tribal Story*, New Delhi: Seattle: Konark Publications.

2012. 'Cosmology, Gender and Kinship: Role and Power relationships of Himalayan Pastoral Women' In *Women In India: Contemporary Concerns* (ed.) Kalpagam, U. New Delhi: Gyan Publishers.

2012. 'Deconstruction of Public/Private Dichotomy with respect to Gendered Space' In *Contested Identities in the Globalized World* (eds) Danda, A.K., Hasnain, N. and Danda, D., Jhargram: INCAA publication, pp. 153-171.
- Dhall, M., Chaturvedi, M.M., Rai, U. and Kapoor, S. Association of variants of UCP 1 with blood pressure and obesity markers. *Ethnicity and Disease*. Vol. 22 (Referred journal, Impact factor: 0.87).
- Garg, P., Kabita, S., Ekata, S., Leena, K., Lovejeet, K. and Saraswathy, K.N. 2013. 'The association of non-HDL cholesterol with the presence of Metabolic Syndrome in North Indian subjects with and without CAD'. *Annals of Human Biology*, 40(1): 111-5.
- Garg, P.R., Saraswathy, K.N., Sinha, E., Kalla, A.K. and Ghosh, P.K. 2013. 'Proinflammatory gene polymorphisms and threat for Coronary heart disease in an Indian Population'. *Gene*, 514(1): 69-74.
- Gupta, S. and Kapoor, S. 'Independent and combined association of parity and short pregnancy with obesity and weight change among Indian women'. *Health*. 4(5): 271. ISSN 1949-4998 (Referred journal)
- Genetic and environmental influences on blood pressure in Aggarwal, B., population. *Journal of Biosocial Science*. 45(1): 1-11.
- Joshi, P.C. 2012. Challenges of Health Care in Central Indian Tribal Areas. In *The Other Side of Development* (ed. Ghosh, A. K. and Munda, R. D.). New Delhi: Konark Publishers Pvt. Ltd. 275-290.
- Kapoor, A.K., Saluja, K., Verma, D. and Kapoor, S. 'Predictors of Hypertension among Adult Tribal Males of India'. *International Journal of Tropical Disease & Health*, 2.2(4): 241-256.
- Kapoor, A.K., Kaur, J., Trivedi, K. and Sinha, R. 2012. 'The Role of Natural Selection in Demographic Fluctuation Among the various caste Groups of Kerala, India'. *International Journal of Science and Emerging Technologies*. 3(4): 82-88.
- Kapoor, A.K. 2012. 'Health Management among Tribes: Religion, Faith and Healing'. In Behra, D. (ed.). *Health in India*.
- Kapoor, A.K., Gautam, R.K. and Bhasin, P. 2012. 'Natural Selection among Coastal Population of India: Trend and Extent'. *Annals of Human Biology*, 39(3): 247-258.
- Kapoor, A.K. and Kaur, J. 2012. 'Natural Selection in a Population Group of Andaman & Nicobar Islands'. *Journal of Natural Science, Biology and Medicine*, 3(1): 71-77.
- Kapoor, S., Bhasin, P., Dhall, M., Verma, D., Gupta, S. and Tungdim, M.G. Maternal Predictors of newborn somatometrics. Hindawi Publishing Corporation, *Journal of Anthropology*, Vol, 2012, Article ID 639345, 7 pages, doi:10.1155/2012/639345.
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BOTANY

Major Activities

- Prof. A.K. Pandey: Taxonomic studies on *Inula* and related genera has been generated. A checklist of Indian Cucurbitaceae has been published.
- Prof. Veena Agrawal: Developed efficient protocols for micropropagation and genetic transformation of antimalarial elite clone of *Artemisia annua* L., through *A. rhizogenes*. Besides, impact of various abiotic and biotic elicitors on growth profile and artemisinin content of hairy root cultures have also been worked out. The lab has developed PCR based molecular markers for characterization of male and female plants in *Simmondsia chinensis* (Jojoba), a dioecious shrub of arid zones, famous for jojoba oil. The group has also cloned the psoralen synthase gene from *Psoralea corylifolia* and isochorismate synthase gene from *Cassia angustifolia*.
- Dr. Renu Deswal: Cold modulated proteome of seabuckthorn, the Himalayan gold bush is deciphered to understand cold signaling. Antifreeze proteins were purified from this freezing tolerant bush for biotechnological applications. This work was published in a high impact journal and the reference map published on ExPasy proteomics database.

Dr. Rupam Kapoor: Characterized the contributions of arbuscular mycorrhiza *Glomus intraradices* in alleviation of salt stress in fenugreek (*Trigonella foenum-graecum*) plants. Research revealed that under salt stress, mycorrhizal plants showed better growth and biomass than non mycorrhizal plants. This effect is brought about by improved nutrient uptake, prevention of osmotic stress and ultrastructural damage mitigation of oxidative stress.

Ph.D./M.Phil. Degrees awarded

Ph.D. : 5
M.Phil. : 3

Research Schemes

Title	Principal/Investigator	Sponsoring Organisation
Effect of Arsenic (As) on ultrastructure and secondary metabolites of a medicinally important plant and a staple legume.	Prof. A.K.Bhatnagar	UGC
Developmental Biology and Phylogenetic analysis of some endemic species of Podostemaceae.	Prof. A.K. Pandey	DU/DST PURSE
Preventing extinction and Improving conservation status of threatened plants through application of biotechnological tools.	Prof. A.K. Pandey	DBT
Alpha-carbonic anhydrases in Dioscorea yam tubers act as storage proteins (dioscorins)- -do they also act as defence chemicals?	Prof. R. Geeta	DU/DST PURSE
Development of Tissue culture protocol for mass propagation using elite <i>Jatropha</i> line and their biochemical evaluation.	Prof. Veena Agrawal	NVD Board
In vitro evaluation, isolation and up regulation of anticancerous bioactive compounds from <i>Cassia angustifolia</i> (Senna), through elicitors and their bioefficacy against human cancer cell lines.	Prof. Veena Agrawal	UGC

Marker Assisted Selection of Male and Female Plants of <i>Simmondsia chinensis</i> (Link) Schneider (Jojoba) – A multipurpose dioecious crop.	Prof. Veena Agrawal	DST
The relationships of Phytoplasma with its host plant and insect vectors.	Prof. Suman Lakahanpaul	ICAR
To Understand the Nature of Diversity in Lac Insects of <i>Kerria</i> spp. in India and the Nature of Insect x Host Interaction.	Prof. Suman Lakahanpaul	World Bank through ICAR
Developmental Biology and Phylogenetic Studies of Some Endemic Species of Podostemaceae.	Dr. Rajesh Tandon	DST PURSE
Reproductive biology of <i>Hippophae rhamnoides</i> and <i>Hippophae salicifolia</i> .	Dr. Rajesh Tandon	UGC
All India Coordinated Project entitled– Reproductive Biology of RET tree species namely, <i>Anogeissus sericea</i> , <i>Salvadora oleodes</i> , <i>Tecomella undulata</i> and <i>Wrightia tomentosa</i> of Rajasthan.	Dr. Rajesh Tandon	MOEF
Studies of Reproductive Biology of some Economically important Ferns (Co-PI) of Himalaya.	Dr. P.L. Uniyal	DST
Study of role of a meiotic gene DYAD in aposporous & diplosporous apomicts.	Dr. Vishnu Bhatt	UGC
Effect of Elevated CO ₂ on some Important plant diseases of India.	Dr. Rupam Kapoor	Ministry of Environment and Forests
Genetic and genomic approaches for improvement of oilseed crop <i>Carthamus tinctorius</i> (safflower).	Dr. Rupam Kapoor	DU/DST PURSE
Biochemical and physiological characterization of arbuscular mycorrhizal fungi for the reclamation of salt stressed soils.	Dr. Rupam Kapoor	UGC

Development and Stress specific genomics of non-coding RNAs in Brassica sps, rice and wheat: RNAi mediated modification of oil quality in Brassica.	Dr. Sandip Das	DBT
Molecular analysis of promoter elements associated with Brassica miRNA genes.	Dr. Sandip Das	DBT

Honours/Distinctions

Prof. A.K. Bhatnagar: Fellow (2012), National Institute of Ecology, Jaipur/New Delhi.

Prof. A.K. Pandey: President, East-Himalayan Society of Spermatophyte Taxonomy Vice President East Himalayan Society of Spermatophyte Taxonomy, 2013.

Elected Recorder, Plant Science Section, Indian Science Congress Association (2012-2013).

Vice-President, East-Himalayan Society of Spermatophyte Taxonomy, 2012.

Councillor, The Society of Plant Reproductive Biologists, 2012-2013.

Seminars/Conferences attended

Prof. A.K. Bhatnagar: Keynote Speaker: 2nd Global Congress on Plant Reproductive Biology, Pecs, Hungary, 15-18 April 2012.

Dr. Neha Sharma, Dr. Gokhale Sinha, Dr. Pooja, Dr. Dhar Singh, Dr. Shiv and Prof. A.K. Bhatnagar: Resource Allocation in Brassica juncea exposed to elevated [CO₂]. In Sixth International Conference on Environmental Science and Technology organized by American Academy of Science, Houston, Texas, USA (Abstract), 25-29 June 2012.

Dr. Rajesh Tandon: 2nd Global Congress on Plant Reproductive Biology (PRB-2012), Pecs, Hungary, 15-18 April 2012.

Prof. A.K. Bhatnagar: Chairman, National Conference on Recent Trends on Plant Diversity and Conservation Strategies, Nagaland University, Lumami, 29-30 September 2012.

Dr. Neha Sharma, Dr. Gokhale Sinha, Dr. Pooja, Pal Chaudhary, Dr. Dharam Dhar Singh, Dr. Shiv and Prof. A.K. Bhatnagar: Interactive effects of free-air CO₂ enrichment and nitrogen fertilizer on grain quality of Zea mays. In International Conference on Biotechnology: A Rendezvous with Basic Sciences for Global Prosperity, Society of Plant Research, New Delhi (Abstract), 26-27 December 2012.

Prof. A.K. Bhatnagar and Dr. P. Thakur: Pollination Decline: A Threat to Biodiversity and Food Productivity. In International Conference on Biotechnology: A Rendezvous with Basic Sciences for Global Prosperity, Society of Plant Research, New Delhi (Abstract), 26-27 December 2012.

Dr. K. Das and Prof. A.K. Bhatnagar: Overcoming seed dormancy in the endemic and endangered Himalayan tree *Pittosporum eriocarpum* Royle. In International Conference on Biotechnology: A Rendezvous with Basic Sciences for Global Prosperity, Society of Plant Research, New Delhi (Abstract), 26-27 December 2012.

Prof. A.K. Pandey: Plenary Lecture 'Cucurbitaceous: Diversity, Classification and Phylogeny' at Annual Conference of IAAT, Bhubaneswar, Odisha, 28 October 2012.

Prof. Veena Agrawal: Invited Lecture 'Paradigms in Medicinal Plant Biotechnology: Germplasm Conservation, Isolation and Up-Regulation of Some Important Biomolecules' at International Conference on Biotechnology: A Rendezvous with Basic Sciences for Global Prosperity (BTBS-2012), NAAS, New Delhi, 26-27 December 2012.

Invited Lecture 'In vitro strategies for enhanced production of bioactive compounds in medicinal plants' at UGC-SAP-DRS-I Sponsored National Seminar on Medicinal Plants and their characterization, Jamia Hamdard University, New Delhi, 26-27 February 2013.

Dr. Rajesh Tandon: Invited Lecture 'Pollination network structure analysis for conservation of functional diversity' at National Conference on Recent Trends in Plant Diversity Study and Conservation Strategies, Nagaland University, 29-30 September 2012.

Dr. P.L. Uniyal: *Taxus* as agricultural crop a boon to the local community farmers of Pangri Valley, Himachal Pradesh. pp. 156. (Oral presentation). In: International Conference on Environment and Human Health, New Delhi, 28-29 November 2012.

Asplenium nidus: the bird nest fern: Developmental studies and its conservation. pp. 112. (Oral presentation), In: International Conference on Environment and Human Health, New Delhi, 28-29 November 2012.

Publications

Bhardwaj, D., Lakhanpaul, S. and Tuteja, N. 2013. Can G-Proteins be the key proteins for overcoming environmental stresses and increasing crop yields in plants? In: Tuteja, N. and Gill, S.S. (eds.) *Plant Acclimation to Environmental Stresses XVIII*. Springer.

Kapoor, R., Evelin, H., Mathur, P. and Giri, B. 2013. Arbuscular mycorrhiza: Approaches for Abiotic stress tolerance in crop plants for sustainable Agriculture' In: *Crop Improvement Under Adverse Conditions* Tuteja, N. and Gill, S. (eds). Springer Science + Business Media, New York, USA, pp. 359-401.

Kashyap, P. and Deswal, R. 2013. CBF dependent cold stress signaling relevant post translational modifications. *Stress Signaling in plants: Genomics and Proteomics Perspective* ISBN: 978-1-4614-6371-9, Chapter 6.

Mahapatra, S.C. and Agrawal, V. 2013. (eds) *Proc. 2nd International Symposium on Medicinal and Nutraceutical Plants*. Acta Hort., Vol. 972, International Society of Horticultural Sciences (ISHS), Belgium.

Rout, S.D., Panda, S.K. and Pandey, A.K. 2013. Documentation of traditional knowledge on medicinal plants from Mayurganj district of Odisha, India. In: Diversity and conservation of plants and traditional knowledge. (eds.) Panda, S. and Gosh, C., Singh, B. and Singh, M., pp. 357-387.

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Research Journals

Abat, J.K. and Deswal, R. 2012. 'Nitric Oxide Modulates the Expression of Proteins and Promotes Epiphyllous Bud Differentiation in *Kalanchoe pinnata*'. *Journal of Plant Growth Regulation*, 32: 92-101.

Agrawal, R., Tsujimoto, H., Tandon, R., Rao, S. and Raina, S.N. 2013. Species-genomic relationships among the tribasic diploid and polyploid *Carthamus* taxa based on physical mapping of active and inactive 18S-5.8S-26S and 5S ribosomal RNA gene families, and the two tandemly repeated DNA sequences. *Gene*: 136-144.

Agrawal, V., Parast, B.M., Sharma, K. and Chetri, S.P.K. 2013. In vitro evaluation of an anticancerous compound psoralen from *Psoralea corylifolia* and molecular analysis of key enzyme gene (psoralen synthase). *Acta Hort (ISHS)*. 972: 9-20.

Agrawal, V., Shankar, V. and Agrawal, V. 2013. In vitro mass production of *Stevia rebaudiana* Bertoni (an antidiabetic endangered herb) and assessment of phytotoxicity of different heavy metals on stevioside synthesis. *Acta Hort. (ISHS)*. 972: 121-133.

Ali, M. A., Al Hamaid, F.M., Lee, J., Chaudhary, A.K., Pandey, A. K. and Al Habri, N.A. 2012. 'Assessing nr DNA ITS-2 sequence based molecular signature of Ginseng for potential use in quality control of drug'. *African Journal of Pharmacy and Pharmacology*, 6(39): 2775-2781.

Bahuguna, Y.M., Gairola, S., Semwal, D.P., Uniyal, P.L. and Bhatt, A.B. 2012. Soil physico-chemical characteristics of bryophytic vegetation residing Kedarnath Wildlife Sanctuary (KWLS), Garhwal Himalaya, Uttarakhand, India. *Indian Journal of Science and Technology* 5(4): 2548-2553.

Bhardwaj, D., Lakhanpaul, S. and Tuteja, N. 2012. A wide range of interacting partners of pea G α subunit suggests its multiple functions in cell signalling. *Plant Physiology and Biochemistry*, 58: 1-5.

Bhatia, V., Bhattacharya, R.C., Uniyal, P.L., Singh, R. and Niranjana, R.S. 2012. Host generated siRNAs Attenuate Protease Gene in *Myzus persicae*. *PLOS ONE* 7 (10):e46343.

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- Goswami, S.K. and Pandey, A.K. 2012. Development, structure and viability of embryo in *Schima khasiana* Dyer and *S. wallichii* (D.C.) Korth. (Theaceae). *The International Journal of Plant Reproductive Biology*, 4(1): 47-51.
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- Vashishtha, A., Jehan, T. and Lakhnpaul, S. 2013. 'Genetic diversity and population structure of *Butea monosperma* (Lam.) Taub.- a potential medicinal legume tree. *Physiol.* Mol. Biol. Plants DOI: 10.1007/s/2298-013-0170.
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DR. B.R. AMBEDKAR CENTER FOR BIOMEDICAL RESEARCH

Ph.D. Degrees awarded

Ph.D. : 3

Research Schemes

Title	Principal /Investigator	Sponsoring Organization
Identification and characterization of stem cells in precancersand cancer of the uterine cervix-- contribution of stem cells in the HPV associated cervical cancer.	Prof B.C. Das	DST-J C Bose Fellowship
Regulation of voltage gated calcium channels expression and function during Mycobacterium tuberculosis Infection.	Prof. K. Natarajan	DBT
Understanding the dual function of chromatin remodeling protein INO80 in Drosophila development.	Prof. Vani Brahmachari	DBT
LAMP based method for detection of active and MDR/XDR pulmonary tuberculosis.	Prof. Daman Saluja	DBT
Molecular mechanism of neuro-protection mediated through Adenosine A2A receptors.	Dr. Pratibha M. Luthra	DBT
Mechanism of Allosteric regulation of a unique bifunctional anti-oxidant enzyme, peroxiredoxin 6 on post translational modifications.	Dr. Laishram R. Singh	DBT
The potential use of novel aryl and alkyl piperazine analogs for the treatment of Alzheimer's disease: An in vivo and in vitro study.	Dr. Manisha Tiwari	DST
'Role of heat shock Protein 70 gene polymorphisms, expression in whole blood and their correlationwithplasma inflammatory markers in north Indian subjects with essential hypertension'.	Dr. Kamna Srivastava	DST

Prevalence of potential virulence factors among clinical isolates of UTI prone patients in India.	Dr. Manisha Yadav	Dean Research grant Delhi University
Sequence and structure determination of the protein tyrosine hydroxylase from leaves of <i>Mucuna pruriens</i> .	Dr. Pratibha M. Luthra	UGC
Biodegradable nanoparticle based drug delivery Systems.	Dr. Madhu Chopra	UGC

Honours/Distinctions

Prof. B.C. Das: Prof. K.S. Bhargava Oration Award of Indian Virological Society (VIROCON-2012), Mukteswar, Nainital.

Shri Rajiv Sahai Oration (HPVCON-2013), Gwalior Cancer Institute and Hospital, Gwalior. Dr.

Manish Yadav: Awarded FAST track for Young Scientist Award from DST, New India, May 2012.

Awarded Rapid Grant for Young Investigator Award (RGYI) from DBT, India, February 2013.

Seminars/Conferences attended

Prof. B.C. Das: 'Transcriptional Targeting of Viral Oncogenes: A Novel Approach to Control Tumor Progression' 21st National Conference of Indian Virological Society (VIROCON-2012) on 'Immunobiology and Management of Viral Diseases in 21st Century' at IVRI, Mukteswar Campus, Nainital, 8-10 November 2012.

Dr. Madhu Chopra: Nanomaterials as biodegradable and biocompatible vehicle for the delivery of therapeutic molecules: A potential nanomedical approach towards the development of miniaturized therapeutic entities, G. Behl, M. Sikka, A. Chhikara, M. Chopra at 32nd Annual convention of IACR, 13-16 February 2013.

Dr. Lubna Wasim and Dr. Madhu Chopra*: A Study listing and categorizing HDACs interacting proteins to dissect out the proteins regulated by HDACS and involved in cellular pathways of carcinogenesis at 32nd Annual convention of Indian Association for Cancer Research, (IACR), 13-16 February 2013.

Dr. Monika Sharma and Dr. Madhu Chopra: Pharmacophore-based virtual screening and docking studies on HDAC Inhibitors, at 32nd Annual convention of IACR, 13-16 February 2013.

Dr. P. Kumar, Dr. G. Behl, Dr. Lubna Wasim, Dr. A. Chhikara and Dr. Madhu Chopra: Poly (ethylene glycol)-co-Methacrylamide-co-Acrylic acid based biocompatible nanogels as potential carrier for cancer therapeutics: A nanomedicinal approach for the delivery of 5-fluorouracil at 32nd Annual convention of IACR, 13-16 February 2013.

Publications

Parvez, R., Hedau, S., Bhattacharya, D., Bhattacharjee, H., Muruganandam, N., Das, B.C., Saha, M.K., Sugunan, A.P. and Vijayachari, P. 2012. High-risk HPV infection among the tribal and non-tribal women of the Andaman and Nicobar Islands, India, *Public Health*. 126(1): 67-9.

Vinodhini, K., Shanmughapriya, S., Das, B.C. and Natarajaseenivasan, K. 2012. 'Prevalence and risk factors of HPV infection among women from various provinces of the world', *Arch Gynecol Obstet*. 285(3): 771-7.

Hussain, S., Bharadwaj, M., Nasare, V., Kumari, M., Sharma, S., Hedau, S. and Das, B.C. 2012. 'Human papillomavirus infection among young adolescents in India: Impact of vaccination', *J. Med Virol*. 84(2): 298-305. doi: 10.1002/jmv.22261.

Dalal, S., Foster, C.R., Das, B.C., Singh, M. and Singh, K. 2012. α -Adrenergic receptor stimulation induces endoplasmic reticulum stress in adult cardiac myocytes: role in apoptosis, *Mol Cell Biochem*; 364(1-2): 59-70.

Mahata, S., Maru, S., Shukla, S., Pandey, A., Muges, G., Das, B.C. and Bharti, A.C. 2012. 'Anticancer property of *Bryophyllum pinnata* (Lam.) Oken. leaf on human cervical cancer cells', *BMC Complement Altern Med.*, 10; 12(1):15.

Thakur, N., Hussain, S., Nasare, V. and Das, B.C. 2012. 'Basir SF, Bharadwaj M, Association analysis of p16 CDKN2A) and RB1 polymorphisms with susceptibility to cervical cancer in Indian population'. *Mol Biol Rep.*; 39(1): 407-14.

Shanmughapriya, S., Senthilkumar, G., Vinodhini, K., Das, B.C., Vasanthi, N. and Natarajaseenivasan, K. 2012. 'Viral and bacterial aetiologies of epithelial ovarian cancer', *Eur J Clin Microbiol Infect Dis.*; 31(9): 2311-7.

Saxena, A., Dhillon, V.S., Shahid, M., Khalil, H.S., Rani, M., Das, T.P., Hedau, S., Hussain, A., Naqvi, R.A., Deo, S.V.S., Shukla, N.K., Das, B.C. and Husain, S.A. 2012. GSTP1 methylation and polymorphism increase the risk of breast cancer and the effects of diet and lifestyle in breast cancer patients, *Experimental and Therapeutic Medicine*, 4; 10971103.

Gupta, S., Kumar, P., Tyagi, A., Sharma, K., Kaur, H. and Das, B.C. 2012. 'Modern Approaches to Prevention and Control of Cancer of the Uterine Cervix in Women', *J. Indian Institute of Science*, 92: 3.

Thilagavathi, A., Shanmughapriya, S., Vinodhini, K., Das, B.C. and Natarajaseenivasan, K. 2012. Prevalence of human papillomavirus (HPV) among college going girls using self collected urine samples from Tiruchirappalli, Tamil Nadu, *Arch Gynecol Obstet.*, 286(6): 1483-6.

Vinodhini, K., Shanmughapriya, S., Sanmugham, S., Senthikumar, G., Das, B.C. and Natarajaseenivasan, K. 2012. 'Prevalence of high-risk HPV and associated risk factors in cases of cervical carcinoma in Tamil Nadu, India', *Int J Gynaecol Obstet.*; 119(3): 253-6.

- Singh, N., Sobti, R.C., Suri, V., Nijhawan, R., Sharma, S., Das, B.C., Bharadwaj, M. and Hussain, S. 2012. Downregulation of Tumor Suppressor gene PML in uterine cervical carcinogenesis: Impact of Human papillomavirus infection (HPV), *Gynecol Oncol.* (128(3):420-6).
- Bargaje, R., Alam, P., Patowary, A., Sarkar, M., Ali, T., Gupta, S., Garg, M., Singh, M., Purkanti, R., Scaria, V., Sivasubbu, S., Brahmachari, V. and Pillai, B. 2012. 'Proximity of H2A.Z containing nucleosome to the transcription start site influences gene expression levels in the mammalian liver and brain'. *Nucleic Acids Res.* doi: 10.1093/nar/gks665.
- Srivastava, K., Chandra, S., Bhatia, J., Narang, R. and Saluja, D. 2012. 'Association of angiotensinogen(M235T) gene polymorphism with blood pressure lowering response to angiotensin converting enzyme inhibitor (Enalapril)'. *Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 15, Issue 3, pp. 399-406.
- Srivastava, K., Sundriyal, R., Meena, P.C., Bhatia, J., Narang, R. and Saluja, D. 2012. Association of angiotensin converting enzyme (insertion/deletion) gene polymorphism with essential hypertension in Northern Indian subjects *Genetic Testing and Molecular Biomarkers*, Vol. 16, pp. 174-177.
- Kumari, S., Chowdhury, J., Mishra, A.K., Chandna S., Saluja, D. and Chopra, M. 2012. ChemBioChem Synthesis and Evaluation of a Fluorescent Non-Peptidic Cholecystokinin-B/Gastrin Receptor Specific Antagonist for Cancer Cell Imaging Vol. 13, I, pp. 282-29.
- Singhal, J., Agrawal, N., Vashishta, M., Priya, N.G., Tiwari, B.K., Singh, Y., Raman, R. and Natarajan, K. 2012. 'Suppression of dendritic cell mediated responses by genes in the calcium and cysteine protease pathways during Mycobacterium tuberculosis infection'. *J.Biol. Chem.* 287: 11108-11121.
- Kumar, J.B.S., Kumari, N. and Luthra, P.M. 2012. 'One pot synthesis of 3, 4-dihydropyridin-2-one via Michael Addition of in situ generated enamines', *Synthetic Communication*.
- Kidwai, M., Jain, A., Nemaish, V., Kumar, R. and Luthra, P.M. 'Efficient entry to diversely functionalized spirooxindoles from isatin and their biological activity'. *Med Chem. Res* DOI 10.1007/s00044-012-0249-x
- Luthra, P.M. and Mishra, C.B. Novel thiazolo [4, 3-e] 1, 3-imidazo [1, 2-c] pyrimidine derivatives and process for preparation thereof; Inventors ACBR, WOPCT/IN2010/000720 (International Patent).
- Mehta, P., Luthra, P.M. and Mishra, C.B. 2013. Design and synthesis of novel (4E)-4-(4-substitutedbenzylideneamino)-3-substituted-2, 3-dihydro-2-thioxothiazole-5-carbonitrile as A_{2A} receptor antagonist. Inventors: Pratibha Mehta Luthra and CB Mishra. 18DEL.
- Luthra, P.M. and Kumar, P.M. 2012. 'Plausible Improvements for Selective Targeting of Dopamine Receptors in Therapy of Parkinson' Disease. *Mini Rev Med Chem*.
- Ponnan, P., Gupta, S., Chopra, M., Tandon, R., Baghel, A.S., Gupta, G., Prasad, A.K., Rastogi, R.C., Bose, M. and Raj, H.G. 2013. '2D-QSAR, Docking Studies, and In Silico ADMET Prediction of Polyphenolic Acetates as Substrates for Protein Acetyltransferase Function of Glutamine Synthetase of Mycobacterium tuberculosis, *ISRN Structural Biology*, Vol. 2013, Article ID 373516, 12 pages, <http://dx.doi.org/10.1155/2013/373516>.

- Behl, G., Sharma, M., Sikka, M., Dahiya, S., Chhikara, A. and Chopra, M. 2012. 'Gallic acid loaded disulfide cross-linked biocompatible polymeric nanogels as controlled release system: synthesis, characterization, and antioxidant activity.' *Journal of Biomaterials Science, Polymer, Edition*, 2012, DOI:10.1080/09205063.2012.723958.
- Kumari, S., Chaudhury, C., Chandana, S., Saluja, D., Mishra, A.K. and Chopra*, M. 2012. 'Synthesis and evaluation of a fluorescent non-peptidic Cholecystokinin-B/Gastrin receptor specific antagonist for cancer cell imaging', *Chem Bio Chem*. 13: 282-292. [Wiley-VCH]
- Patra, M.C., Kumar, M.K.C., Pasha, S. and Chopra*, M. 2012. 'Comparative modeling of human kappa opioid receptor and docking analysis with the peptide YFa. 2', *Journal of Molecular Graphics and Modelling*, 33: 44-51. [Elsevier]
- Alam, S., Khatri, M. and Tiwari, M. 2013. 'Assessment of the antioxidant activity of aqueous extract of *Acacia catechu* bark: An in vitro and in vivo study'. *Journal of Pharmacy Research*, 1(1): 109-114.
- Sharma, D., Manral, A., Saini, V., Singh, A., Srinivasan, B.P. and Tiwari, M. 2012. 'Novel diallyl disulfide analogs ameliorate cardiovascular remodeling in rats with L-NAME –induced hypertension European'. *Journal of Pharmacology*; 691, 198-208.
- Alam, S., Khatri, M. and Tiwari, M. 2012. 'In vitro cytotoxic activity of methanolic extract of the bark of *Acacia catechu* against human oral and lung cancer cell lines'. *Journal of Pharmacy Research*, 5(8): 4487-4491.
- Khatri, M., Rai, S.K., Ranbhor, R., Kishore, K. and Tiwari, M. 2012. Synthesis and Pharmacological Evaluation of [(4-Arylpiperazin-1-yl)-alkyl]-carbamic Acid Ethyl Ester Derivatives as Potential Anxiolytic Agents *Archives of Pharmacal Research*, 35(7): 1143-1152.
- Singh, L.R. and Chowhan, R.K. 2012. Polyamines in modulating protein aggregation 3(2), pp. 139-148.
- Ahmad, F. and Singh, L.R. 2012. Compatible osmolytes are like of S. O. S thing in the living cells *Proc Indian natn Sci Acad* 78.
- Khan, S., Bano, Z., Singh, LR., Hassan, I., Islam, A. and Ahmad, F. 2013. Why is Glycine not a Part of the Osmoticum in the Urea-rich Cells? *Protein Pept Lett* 20.
- *Srivastava, K., Chandra, S., Bhatia, J., Narang, R. and Saluja, D. 2012. 'Association of Angiotensinogen (M235T) gene polymorphism with Blood pressure lowering response to Angiotensin Converting Enzyme inhibitor (Enalapril)', *Journal of Pharmacy and Pharmaceutical sciences*, Vol. 15(3): 399-406.
- *Srivastava, K., Narayanan, I., Chandra, S., Narang, R., Bhatia, J. and Saluja, D. 2012. 'Role of E-Selectin (Ser128Arg) gene polymorphism in patients with essential hypertension', in *Asian Indians Journal of Pharmacy Research*, 5(2): 880-882.

CHEMISTRY

Ph.D. Degrees awarded

Ph.D. : 40

Research Schemes

Title	Principal/Investigator	Sponsoring Organisation
Clay-polymer nanocomposites: Controlled drug delivery system for oral administration.	Prof. Monika Datta	DU
Nanoclay composite as oral sustained release drug delivery system: Challenges and prospective.	Prof. Monika Datta	UGC
Biocatalytic Synthesis and Development of PEG-Sugar based Polymeric Architectures for Applications in Drug Delivery.	Prof. Ashok K. Prasad	DBT
Enzyme-mediated transformations of potential applications in environment and pharmaceutical sectors.	Prof. Ashok K. Prasad	DU-PURSE Grant
Chemical Synthesis and Lipase-mediated Kinetic Resolution of Novel (+)-4-Aryl-6-Akyy1-3, 4 Dihydro-pyrimidine-2-one-5-Carboxylates: A Potential Therapeutic to Combat Cardiovascular diseases in defense at High Attitude.	Prof. Ashok K. Prasad	DRDO
Chemo-enzymatic synthesis and development of biodegradable, structurally persistent core- shell nano-archiectures for drug delivery application.	Prof. Ashok K. Prasad	DBT
'Design and synthesis of Two-Photon Fluorescent Probes for Bioimaging'.	Prof. S .K. Sharma	DRDO
'Design and Synthesis of 3-(4-Oxo-4H-chromen-3-yl) acrylates as Anti-inflammatory Agents'.	Prof. S. K. Sharma	CSIR

P-type semiconductors.	Dr. R. Nagarajan	DU-PURSE Grant
Investigations of Magnetic, Optical and Electrical properties of Nanomaterials: Synthesis, Characterization and applications.	Dr. R. Nagarajan	DST
Synthesis and characterization of delafossite structure type CuMO_2 oxides by single source precursor (SSP) method.	Dr. R. Nagarajan	DST
Systematic Synthetic Exploration Based on Cation and Anion Variations for the Identification and Characterization of New Solid Materials.	Dr. S. Uma	DST
Investigations of Magnetic, Optical and Electrical properties of Nanomaterials: Synthesis, Characterization and applications.	Dr. S. Uma	DST
Search for New Photocatalysts for the Degradation of Toxic Organics Utilizing Visible Radiation, Department of Science and Technology, Government of India, New Delhi.	Dr. S. Uma	DST
Calcium phosphate nanoparticles encapsulating neurodegenerative disorders'.	Dr. Indrajit Roy	DBT
High molecular weight polymer behavior in coexisting liquid phases.	Dr. P. Venkatesu	DST
Protein folding/unfolding by the addition of co-solvents.	Dr. P. Venkatesu	CSIR
Polymer behavior in coexisting liquid phases and Protein folding/unfolding.	Dr. P. Venkatesu	DU/DST PURSE Grant
Effect of polymer chain in the critical region of coexisting liquid phases.	Dr. P. Venkatesu	UGC
Dielectric resonators: why the reproducibility is always an issue in complex perovskite? –ways to fix.	Dr. M. Thirumal	DST
Microwave dielectrics: Hexagonal perovskites, their solid solutions and composites with cubic perovskites.	Dr. M. Thirumal	DU

Honours/Distinctions

Prof D.S. Rawat: Guest Editor for Special Journal Issues:

Anti-Cancer Agents in Medicinal Chemistry (Impact Factor 3.14, 2012)

Anti-Cancer Agents in Medicinal Chemistry (Impact Factor 3.14)

Indian Journal of Chemistry.

Seminars/Conferences attended

Prof. Sunil K. Sharma: Invited talk Ammonium Derivatives of Chromenones and Quinolinones as Lead Antimicrobial Agents, International Conference, 'Frontiers in Pharmaceutical Sciences: Global Perspectives,' 28-30 September 2012.

Salzberg Chemistry Seminar, Bio-catalytic Synthesis of Amphiphilic Polymeric and Dendritic Architectures for Biomedical Applications, The City College of New York, NY, USA, 12 November 2012.

Dr Rajeev Gupta: 40th International Conference on Coordination Chemistry, Coordination Chemistry, Valencia, Spain, 9-13 September 2012.

Dr. P. Venkatesu: 1st Annual International Conference on Chemistry, Chemical Engineering and Chemical Process, Hotel Fort Canning, Singapore, 25-26 February 2013.

Prof. Rama Kant: 'EIS of Disordered Electrodes: Theoretical Aspects', Paper presented at Fifth ISEAC Triennial International Conference on Advances and Recent Trends in Electrochemistry, Eds. S.K. Aggarwal et al, ELAC-2013, Hyderabad, 16-20 January 2013.

'Theory of double potential step chronoamperometry at rough and finite fractal electrode', Poster presented in Fifth ISEAC Triennial International Conference on Advances and Recent Trends in Electrochemistry, Eds. S.K. Aggarwal et al, ELAC-2013, Ramoji Film City, Hyderabad, 16-20 January 2013.

Prof. D.S. Rawat: 'Aminoquinoline and tetraoxane based antimalarials: Lead identification through reversed genomics approach', 3rd Biennial International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines' NIPER, Mohali, 2012.

'Insights into Activity Enhancement of 4-Aminoquinoline Derivatives using Atom Based and Field Based 3D-QSAR Studies', 3rd Indo-German Conference On Modeling Chemical And Biological (Re)Activity', National Institute of Pharmaceutical Education and Research, Mohali, 2013.

'Synthetic library of cyclohexane-diamine derivatives as potential antimicrobial agents', 16th ISCB-2012 International Conference, Solapur University.

'Catalysis in organic synthesis: Some trends and applications', International Conference on Chemistry and Materials: Prospects & Perspectives' Babasaheb Bhimrao Ambedkar University, Lucknow, 2012.

'Cyclohexane diamine based small molecular library: Synthesis and biological evaluation', National Seminar on 'Recent Trends in Chemical and Biological Sciences' Holker Science College, Indore, 2012.

Dr. Swarndeeep K. Sethi, Dr. Raunak, Dr. R. Sandhya, Dr. Puja P. Hazari, Dr. Marilyn D. Milton and Dr. Anil K. Mishra: 'Synthesis and Biological Evaluation of ^{68}Ga Based DOTA-bistriazole-bis-(1,3,8-triazaspiro[4,5]decan-4-one) PET Radiopharmaceuticals for D_2 Receptor', Poster presented at 2nd World Congress on Ga-68 (Generators and Novel Radiopharmaceuticals), Molecular Imaging (PET/CT), Targeted Radionuclide Therapy and Dosimetry: On the Way to Personalized Medicine. Chandigarh, 28 February-2 March 2013.

Dr. S. Mishra, Dr. S. Arora and Prof. S.M.S. Chauhan: 'Selected organic transformations by chemically modified graphenes' in 7th RSC-15th CRSI National Symposium in Chemistry, BHU, Varanasi, 1-3 February 2013.

Prof. Monika Datta: Clay polymer nanocomposites: A novel material for oral sustained drug delivery system, invited talk at 49th Annual Convention of Chemists, at National Institute of Technical Teachers' Training and Research, Bhopal, 13 December 2012.

Bioremediation of Lead (II) and Chromium (VI) from aqueous solution using *Spirulina platensis*', in National Symposium on 'Chemistry and Environment (NSCE - 2013)', at Banaras Hindu University, Varanasi, India (Oral Presentation), 15-16 March 2013.

Adsorption of Victoria Blue dye from aqueous solution by using low cost adsorbent' in National Symposium on Chemistry and Environment at BHU, 15-16 March 2013.

Clay polymer nanocomposites: A novel material for oral sustained drug delivery system Presented at 49th Annual Convention of Chemists, at National Institute of Technical Teachers' Training and Research, Bhopal, 13 December 2012.

Poster Presentation Clay Polymer Nanocomposites as a Carrier for Oral Controlled Release of an Anticancer Drug International Conference on Nanoscience +Technology 2012 organized by European Physical Society at Paris, France, 23-27 July 2012.

Dr. Rajeev Gupta: 15th CRSI National Symposium in Chemistry, BHU, Varanasi, 1-3 February 2013.

49th Annual Convention of Chemists, Chemistry, Indian Chemical Society, Department of Applied Sciences, NITTTR – Bhopal, 12-15 December 2012.

Dr. N. Thirupathi: Presented paper 'Platinum (II) Complexes of Sym N,N₂,N₂ 2-Triarylguanidines' at National Symposium on Recent Advances in Chemistry, p. 24, Pondicherry University, 22-23 March 2013.

Dr. Parbati Biswas: Presented paper 'Conformation, Entropy and Hydration Pattern of Ambivalent Helices' at National Conference on New Trends in Bioinformatics, IIT Delhi, 30-31 July 2012.

Presented paper 'Effect of Native State Fluctuations on Protein Misfolding' at the International Interdisciplinary Science Conference, Jamia Millia Islamia, 8-10 December 2012.

Dr. M.D. Milton: Presented poster 'C-C bond forming reactions, N-Heterocyclic Carbenes (NHCs) in dual role: metal catalysis and organocatalysis', at National Seminar on Chemistry in Interdisciplinary Applications, 18 March 2013.

Dr. P. Venkatesu: 7th National Conference on (TCBEP-2012), Pooja Rani and Parbati Biswas, Sri Venkateswara University, Tirupati.

Invited talk 31th Annual Conference of Indian Council of Chemists, Saurashtra University, Rajkot, 26-28 December 2012.

Invited talk Chemical Constellation Cheminar – 2012 (An International Conference), Dr. B R Ambedkar National Institute of Technology, Jalandhar, 10-12 September 2012.

Publications

Books

Krahne, R., Manna, L., Morello, G., Figuerola, A., George, C. and Deka, S. 2013. Physical properties of nanorods: NanoScience and Technology Series, London: Springer.

Singh, S.J. and Chauhan, S.M.S. 2013. 'Potassium carbonate catalyzed one pot four-component synthesis of rhodanine derivatives', *Tetrahedron Lett.* 54: 2484-2488.

Ahmad, S., Yadav, K.K. and Chauhan, S.M.S. 2012. 'Role of hydroxyl functionalized ionic liquids in oxygenation and oxidation of phenols with H₂O₂ catalyzed by iron (III) porphyrins', *Curr. Org. Chem.* 16: 2089-3001.

Kumari, P., Nagpal, R. and Chauhan, S.M.S. 2012. 'Efficient oxidation of polycyclic aromatic hydrocarbons with H₂O₂ catalyzed by 5,10,15-triarylcorrolatoiron (IV) chloride in ionic liquids', *Catalysis Communications*, 29: 15-20.

Khattar, R. and Mathur, P. 2013. 1-(Pyridin-2-ylmethyl)-2-(3-(1-(pyridin-2-ylmethyl) benzimidazol-2-yl) propyl) benzimidazole and its copper(II) complex as a new fluorescent sensor for dopamine (4-(2-aminoethyl)benzene-1,2-diol)', *Inorganic Chemistry Communication*, 31: 37-43.

Mahiya, K. and Mathur, P. 2013. 'Morphology dependant oxidation of aromatic alcohols by new symmetrical copper(II) metallatriangles formed by self-assembly of a shared bis-benzimidazolyl diamide ligand' *Inorganic Chimica Acta*, 399: 36-44.

Ahuja, G. and Mathur, P. 2012. 'Bis-benzimidazolyl diamide copper (II) complexes: Synthesis, crystal structure and oxidation of substituted amino phenols', *Inorganic Chemistry Communication*, 17: 42-48.

Tyagi, N. and Mathur, P. 2012. 'Iron(III) complexes of bis (benzimidazol-2-yl) methyl) thiophene-2,5-dicarboxamide: Synthesis, spectral and oxidation of o-phenylenediamine', *Spectrochimica Acta Part A* 96: 759-767.

Khattar, R., Hundal, M.S. and Mathur, P. 2012. 'Synthesis, structure and oxidation of alkynes using a μ -oxo diiron complex with the ligand bis (1-(Pyridin-2-ylmethyl)-benzimidazole-2-yl methyl) ether', *Inorganica chimica Acta Part A* 390: 129-134.

- Bakshi, R., Kumar, R. and Mathur, P. 2012. 'Bis-benzimidazole diamide Iron(III) complexes as mimics of Phenoxazinone synthase', *Catalysis communication*, 17: 140-145.
- Ahuja, G., Kumar, R. and Mathur, P. 2012. 'Oxidation of olefins catalyzed by Iron (III) complexes of a new Bis-Benzimidazolyl diamide ligand', *Journal of Molecular Structure*, 1011: 166-171.
- Panda, S.S. and Jain, S.C. 2013. 'New trifluoromethyl quinoline derivatives: Synthesis and investigation of antimicrobial properties', *Bioorg. Med. Chem. Lett.*
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Patents

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ENVIRONMENTAL STUDIES

Ph.D. Degrees awarded

Ph.D. : 4

Honours/Distinctions

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

Prof. Inderjit Singh: Invited for G.P. Wilder Chair at University of Hawaii (USA).

Dr. R.S. Sharma: Invited Visiting as Assistant Professor at Massachusetts Institute of Technology, USA.

Dr. Vandana Mishra: Invited Visiting Scientist at Massachusetts Institute of Technology, USA.

Seminars/Conferences attended

Prof. P. Pardha Saradhi: Presented paper 'Constructive and Effective expression of the Synthetic mer Bps gene in tobacco', 9th International Phytotechnology Conference Hasselt University, Hasselt, Belgium, 11-14 September 2012.

Publications

Srivastava, P., Sharma, G.P. and Raghubanshi, A.S. 2013. Above Ground-Below Ground interaction: implication for invasiveness. In: Compendium on Invasive Plant Ecology (Jose, A.A., Singh, H.P., Batish, D.R. and Kohli, R.K.). Taylor and Francis, UK. p. 302.

Singh, G., Ghosh, C. and Deb, M. 2012. 'Urban Ecotourism for Promoting Stakeholder participation in Urban Landscape Transformation' published in Landscape Fragmentation Restoration Researches in India, Editor Soni, P. and Singh, L. : Lap Lambert Academic Publishing.

Communications to Symposia/Seminars/Conferences

Kumar, A., Bhatt, J.P. and Pandit, M.K. 2012. Assessment of species diversity and distribution of diatoms in high altitude aquatic ecosystem of Trans Himalaya, India. Presented at XXII International Diatom Symposium, Ghent, Belgium.

Kumar, P., Bajwa, G.S. and Ghosh, C. Heavy Metal Pollution in Water and Soil along 'Delhi Stretch' of River Yamuna. In the 6th World Aqua Congress 2012, Water Vision 2050.

Sharma, A., Bajwa, G.S. and Ghosh C., A Pilot Study of ground water quality. In the 6th World Aqua Congress 2012, Water Vision 2050, in the University of Delhi, Institutional Area, 28-30 November 2012.

Saxena, P. and Ghosh, C. 2013. 'Evaluation of air Pollution tolerant Plants around petrol pump for green belt development', 10th Indian Science Congress, Kolkata, 3-7 January 2013.

Research Articles

Pandit, M.K. and Grumbine, R.E. 2012. 'Ongoing and proposed hydropower development in the Himalaya and its impact on terrestrial biodiversity'. Conservation Biology, 26: 1061-71.

- Grumbine, R.E. and Pandit, M.K. 2013. 'Threats from India's Himalaya Dams'. *Science*, 339: 36-7.
- Bhatt, J.P., Manish, K. and Pandit, M.K. 2012. 'Elevational Gradients in Fish Diversity in the Himalaya: Water Discharge Is the Key Driver of Distribution Patterns'. *PLoS ONE*, 7(9): e46237. doi:10.1371/journal.pone.0046237.
- Sharma, P., Bhatt, D., Zaidi, M.G.H., Pardha Saradhi, P., Khanna, P.K. and Arora, S. 2012. 'Silver nanoparticle-mediated enhancement in growth and antioxidant status of *Brassica juncea*'. *Applied Biochemistry and Biotechnology*, 167: 2225-33.
- Venugopalan, V., Tripathi, S.K., Nahar, P., Pardha Saradhi, P., Das, R.H. and Gautam, H.K. 2013. 'Characterization of canthaxanthin isomers isolated from a new soil *Dietzia* sp. and their antioxidant activities'. *Journal of Microbiology and Biotechnology*, 23: 237-45.
- Yamal, G., Sharmila, P., Rao, K.S. and Pardha Saradhi, P. 2013. 'Yeast Extract Mannitol medium and its constituents promotes synthesis of Au nanoparticles'. *Process Biochemistry*, 48: 532-38.
- Telwala, Y., Brook, B.W., Manish, K. and Pandit, M.K. 2013. 'Climate-Induced Elevational Range Shifts and Increase in Plant Species Richness in a Himalayan Biodiversity Epicentre'. *PLoS ONE* 8(2): e57103. doi:10.1371/journal.pone.0057103.
- Kaur, R., Gonzáles, W.L., Llambi, L.D., Soriano, P.J., Callaway, R.M., Rout, M.E., Gallaher, T.J. and Singh, I. 2012. 'Community impacts of *Prosopis juliflora* invasion: biogeographic and congeneric comparisons'. *PLoS ONE*, 7(9): e44966.
- Das, M.K., Sharma, R.S. and Mishra, V. 2012. 'Induction of apoptosis by ribosome inactivating proteins: importance of N-glycosidase activity'. *Applied Biochemistry and Biotechnology*, 166: 1552-61.
- Kumari, S., Jayaraman, G. and Ghosh, C. 2013. 'Analysis of long term ozone trend over Delhi and its metrological adjustment', *International Journal of Environmental Science and Technology*, Springer publication: doi 10.1007/s 13762-012-0162-3.
- Devi, K.K., Sharma, D.A. and Kothamasi, D. 2013. 'Polymorphism in *hcnAB* gene in *Pseudomonas* species reveals ecologically distinct hydrogen cyanide producing population'. *Geomicrobiology Journal*, 30: 131-39.
- Pandey, A. and Sharma, G.P. 2013. 'Plant invasion researches in India: how long do we have to wait for appropriate management options?' *Curr. Sci.* 104: 408-09.

GEOLOGY

Major Activities

Prof. C.S. Dubey and his team studied present activity and seismogenic potential of Himalayan parallel Thrust faults in Delhi and proposed a new slope mass ratings for mountainous areas. Prof. D.K. Sinha and Dr. Ashutosh K Singh provided additional criteria for the newly defined Pliocene / Pleistocene boundary based on planktic foraminiferal events. Prof. A.M. Bhole documented deformation pattern and vein development in Delhi Supergroup, Delhi-Aravalli Belt. Prof. GVR

Prasad has described a new Late Cretaceous vertebrate fauna from the Cauvery basin, the first Indian multituberculate mammal and troodontid dinosaur from the latest Cretaceous of India. Prof. M.Jayananda has established geochronologic constraints on Meso and Neoproterozoic regional metamorphism and magmatism in the Dharwar craton, southern India and offered geochemical constraints on komatiite volcanism from the Sargur Group. From an experimental approach, Dr. A. Chattopadhyay has shown influence of pre-existing fabrics on fault patterns during orthogonal and oblique rifting. Dr. N.C.Pant using petrological and geochronologic tools proved extension of East African Orogen within inland in the central Dronning Maud Land sector of east Antarctica. Also, he has shown that not only the proximal cratonic component but distal Ross Orogen (Palaeozoic) has also contributed as provenance of ocean sediments off the coast of Wilkes Land, East Antarctica in consonance with the waning and waxing east Antarctic Ice sheet (EAIS). Dr. P.P.Chakraborty established regressive depositional architecture for Mesoproterozoic Bhalukona Formation, Singhora Group, Chhattisgarh Supergroup, central India using Sequence stratigraphic and Nd isotopic evidences. A tectono-magmatic evolutionary model for the Singhora Group is also proposed. From clay minerals record of the Ganga Plains, Dr. P.Srivastava has inferred provenance and climate change in the Himalayan Foreland. Dr. Sashank Sekhar made an assessment of groundwater quality of less contaminated aquifers in North District of Delhi.

Ph.D./M.Phil. Degrees awarded

Ph.D. : 02
M.Phil. : 02

Research Schemes

Title	Principal/Investigator	Sponsoring Organization
Paleoclimatic and magmato-metamorphic history of Wilkes Land, East Antarctica: constraints from accessory minerals, clay mineralogy and micropaleontology in oceanic sediments.	Dr. N.C. Pant	NCAOR, Goa
Correlation of magmatic and metamorphic evolution of the North and South Delhi Fold Belts: constraints from chemical age dating using zircon/allanite/thorite/ monazite.	Dr. N.C. Pant	DST
The structure and dynamics of groundwater system in north western India under past present and future climates.	Dr. Sashank Shekhar	MoES

Facies tract analysis and shore-line shift during Upper Miocene to Pliocene successions of Sandhan Formation, Kutch, India.	Dr. Pramod Kumar	R & D Project, DU
Fluvial geomorphology in Ganga basin river management.	Dr. V. Jain	MoEF
Geology, geochemistry and Total organic carbon evaluation for the argillaceous interval for the Proterozoic Vindhyan and Chhattisgarh Supergroup.	Dr. P.P. Chakraborty	DST
Investigation of postulated piedmont fault between Ganga and Yamuna rivers.	Dr. Vimal Singh	DST
Constraints on crustal evolution and ore mineralization in the Aravalli-Bundelkhand proto-continent, Northern Indian Shield and the Eastern Baltic Shield Russia.	Dr. A. Saikia (Co-PI)	DST-RFBR
Petrological, geochemical and geochronological studies on the volcano-sedimentary sequence from Rajgir-Madhupur Belt: Implications for the Crustal Evolution of the Indian Plate.	Dr. A. Saikia	CSIR
Variability of Indonesian through flow and its effect on Indian monsoon during last 30000 years.	Dr. Ashutosh K Singh	DST

Honours/Distinctions

Dr. N.C. Pant: Elected Secretary of SCAR-SSG for 2012-2016, Geosciences group of the Scientific Committee on Antarctic Research from India in SCAR Meeting held in Portland, USA in July 2012.

Dr. P. Srivastava: Awarded DFG-INSA Fellowship 2012, University of Hohenheim, Stuttgart, Germany.

Dr. V. Jain: Received Indo-US (Postdoc Fellowship under Singh-Obama 21st Century Knowledge Initiative, 2012.

Prof. C.S. Dubey, Member, Expert Committee, NRDMS, Ministry of Science and Technology (DST), Government of India.

Seminars/Conferences attended

Prof. C.S. Dubey: Chaired a session in 27th Himalaya-Karakoram-Tibet workshop, Kathmandu, Nepal, 28-30 November 2012.

Invited Expert Industries and Speaker in Workshop on Grand Challenges of Sustainability. Industrial Pollution, Regulation and Growth: Governance Challenges and Innovations, San Servolo, Venice, Italy, 27-29 May 2012.

Prof. G.V.R. Prasad: 34th International Geological Congress, Brisbane, Australia, 5-10 August 2012.

Prof. M. Jayananda: Official IUGS delegate at 34th International Geological Congress at Brisbane, Australia, 5-10 August 2012.

Prof. D.K. Sinha: Chaired session in PAGES International Conference 'Ocean Science Meet': Ocean Circulation and Climate Dynamics, Goa, 12-17 February 2013.

Dr. Ashutosh Kr. Singh: Presented paper on 'Indian Monsoon variation' International Conference, at PAGES.

Dr. Sashank Sekhar: Quantitative and qualitative aspects of groundwater resources in North-West district of Delhi, National Seminar on 'Geosciences for Sustainable Development', Department of Geology, 28 February 2013.

Dr. Vikrant Jain: Geomorphic variability in the Yamuna river basin and role of geological characteristics, 3rd Annual Symposium on 'Response of Asian Rivers to Climate Change – Past, Present and Future Scenario, NGRI-CSIR, Hyderabad, 14-16 November 2012.

Geological controls on long profile evolution in the Ganga River basin, India. IGCP 481 - Symposium on Response of Asian rivers to climate change-past, present and future scenario., National Geophysical Research Institute, Hyderabad.

Spatio-temporal dynamics of channel morphology: A process based tool to analyse and manage river health. GEM - IIT Water Seminar 2012., IIT, Delhi, 2nd Best Poster Award.

Dr. N.C.Pant: Participated in SCAR open Science Conference, and successfully presented India's bid to host 12th International symposium on Antarctic earth Science 2015 on behalf of National Centre for Antarctic and Ocean Research, Portland, USA, 15-19 July 2012.

Publications

Usham, A.L., Dubey, C.S., Ningthoujam, P.S., Mishra, B.K., Shukla, D.P., Singh, R.P., Naoram, S.S., Thoithoi, L. and Singh, N. 2012. Source of Arsenic Contamination in Kakching Area, Manipur. GEOS (Annual International Conference on Geological and Earth Science), pp. 82-86. (DOI: 10.5176/2251-3361_GEOS12.53).

Srivastava, P., Pal, D.K. and Bhattacharyya, T. 2013. Mineral formation in soils and sediments as signatures of climate change. In: Bhattacharyya, T., Pal, D.K., D. Sarkar, Wani, P. (eds) Climate Change and Agriculture. Studium Press India Pvt. Ltd. ISBN: 978-93-80012-40-7, p. 328.

- Banerjee, D.M., Mukherjee, A., Acharyya, S.K., Chatterjee, D., Mahanta, C., Saha, D., Kumar, S., Singh, M., Sarkar, A., Shukla, D.P. and Raju, N.J. 2012. Contemporary Groundwater Pollution Studies in India: A Review. Proc Indian National Science Academy, Vol. 78, No. 3, pp. 1-10.
- Ningthoujam, P.S., Dubey, C.S., Guillot, S., Fagion, A.S. and Shukla, D.P. 2012. 'Origin and Serpentinization of ultramafic rocks of Manipur Ophiolite Complex in the Indo-Myanmar Subduction Zone, Northeast India', Journ. of Asian Earth Sci. 50: 128-140 Journal impact factor: 2.15 DOI:10.1016/j.jbr.2011.03.031 9th Most downloaded Article.
- Parmar, V., Prasad, G.V.R. and Kumar, D. 2013. The first multituberculate mammal from India. Naturwissenschaften (Berlin) DOI 10.1007/s00114-013-1047-0.
- Goswami, A., Prasad, G.V.R., Verma, O., Flynn, J.J. and Benson, R.B.J. 2013. A troodontid dinosaur from the latest Cretaceous of India. Nature Communications (London) 4: 1703 DOI:10.1038/ncomms2716/WWW.nature.com/naturecommunications.
- Jayananda, M., Tsutsumi, Y., Miyazaki, T., Gireesh, R.V., Kapfo, K-U., Tushipokla, Hidaka, H. and Kano, T. 2013. 'Geochronologic constraints on Meso and Neoproterozoic regional metamorphism and magmatism in the Dharwar craton, southern India'. Journal of Asian Earth Sciences, [http:// dx.doi.org/ 10.1016/ j.jseas.2013.04.033](http://dx.doi.org/10.1016/j.jseas.2013.04.033) Elsevier.
- Jayananda, M., Santosh, M. and Jahn, B.M. 2013. 'Precambrian accretionary orogens'. Precambrian Research, 227, 1-3. Elsevier.
- Tushipokla, I. and Jayananda, M. 2013. Geochemical constraints on komatiite volcanism from Sargur Group Nagamangala greenstone belt, western Dharwar craton, southern India. Geoscience Frontiers, [http:// 10.1016/j.gsf.2012.11.003](http://10.1016/j.gsf.2012.11.003), Elsevier.
- Peucat, J.J., Jayananda, M., Chardon, D., Capdevila, R., Fanning Marc. C., Paquette, Jean-Louis. 2013. The lower crust of Dharwar craton, south India: Patchwork of Archean granulitic domains. Precambrian Research, [http://dx.doi.org/10.1016/j.precamres. 227, 4-29](http://dx.doi.org/10.1016/j.precamres.2013.04.029).
- Jayananda, M., Peucat, J.J., Chardon, D., Krishna Rao, B. and Corfu, F. 2013. Neoproterozoic greenstone volcanism, Dharwar craton, Southern India: Constraints from SIMS zircon geochronology and Nd isotopes. Precambrian Research. 227, 55-76. Elsevier
- Gireesh, R.V., Kowete-U Sekhmo and Jayananda, M. 2012. Anatomy of the 2.55-2.52 Ga granite plutons in the eastern Dharwar craton, southern India: Implications for magmatic accretion, crustal reworking and cratonization of Archean crust. Episodes Vol. 35, pp. 398-413.
- Taguchi, T., Kumar, S., Hokada, M.T. and Jayananda, M. 2012. Petrogenesis of Cr-rich calc-silicates from Bandihalli supracrustal band, Archean Dharwar craton, India, Canadian Mineralogist. Vol. 50, pp. 705-18, doi:10.3749/canmin.50.3.705.
- Dinkar, G.K., Gireesh, R.V. and Bhola, A.M. 2013. 'Deformation pattern and vein development in Delhi Supergroup rocks, Northeastern part of Delhi-Aravalli Belt: Implication of late stage dilation'. Journal Geological Society of India, Vol. 81, 158-66.

- Pant, N.C., Kundu, A., Dsouza, M.J. and Saikia, A. 2013. Petrology of the Neoproterozoic granulites from Central Dronning Maud Land, East Antarctica- implications for southward extension of East African Orogen (EAO), *Precambrian Research*. 227, 389-408. [dx.doi.org/10.1016/j.precamres.13.06.2012](https://doi.org/10.1016/j.precamres.13.06.2012).
- Chattopadhyay, A. and Chakra, M. 2013. 'Influence of pre-existing fabrics on fault patterns during orthogonal and oblique rifting: an experimental approach'. *Marine and Petroleum Geology*, 39, 74-91.
- Chakraborty, P.P., Das, P., Das, K., Saha, S. and Balakrishnan, S. 2012. Regressive depositional architecture on a Mesoproterozoic siliciclastic ramp: Sequence stratigraphic and Nd isotopic evidences from Bhalukona Formation, Singhora Group, Chhattisgarh Supergroup, central India. *Precambrian Research*, 200-203, 129-148. doi.org/10.1016/j.precamres.2012.01.004.
- Saha, S., Das, K., Chakraborty, P.P., Das, P., Karmakar, S. and Mamtani, M.A. 2012. Tectono-magmatic evolution of the Mesoproterozoic Singhora basin, central India: Evidence for compressional tectonics from structural data, AMS study and geochemistry of basic rocks. *Precambrian* doi.org/10.1016/j.precamres.2012.03.004.
- Chakraborty, P.P., Sarkar, S. and Patranabis-Deb, S. 2012. Tectonics and sedimentation of Proterozoic Basins of Peninsular India. *Proc Indian National Science Academy (PINSA)* 78 No. 3, pp. 393-400.
- Pal, D.K., Bhattacharyya, T., Sinha, R., Srivastava, P., Dasgupta, A.S., Chandran, P., Ray, S.K. and Nimje, A. 2012. Clay minerals record from Late Quaternary drill cores of the Ganga Plains and their implications for provenance and climate change in the Himalayan Foreland. *Palaeogeography Palaeoclimatology Palaeoecology*, 356-357.
- Shashank, S. and Sarkar, A. 2013. 'Hydrogeological characterization and assessment of groundwater quality in shallow aquifers in vicinity of Najafgarh drain of NCT Delhi'. *J. Earth Syst. Sci.* 122(1): 43-54.
- Singh, V., Devrani, R. and Ansari, Z. 2012. Estimation of the rate of erosion of valley fill deposits in a part of the NW Lesser Himalaya. *Episodes* 35(3): 445-52.
- Devrani, R. and Singh, V. 2012. Determining the geomorphic changes in Srinagar (Garhwal) valley, NW Himalaya in last two centuries using landscape painting. *Zeitschrift für Geomorphologie*. [Doi.10.1127/0372-8854/2012/0099](https://doi.org/10.1127/0372-8854/2012/0099).

PHYSICS & ASTROPHYSICS

Major Activities

Grown and characterization of single crystals of various piezoelectric materials (PZN-PT, BNKT, organic/semiorganic materials) ZnO nanorods, ferroelectric ceramics, etc.

Theoretical proposal published in article (*Phys. Rev. Lett.* 109, 146801 (2012)) was confirmed experimentally in '*Nature Communications* 3, 1289 (2012)' which led to one of the first concrete evidences for existence of quasi-particles excitation which follow non-abelian fractional statistics in exotic quantum Hall states.

Participation in the Compact Muon Solenoid (CMS) Experiment at CERN, Switzerland, leading to the Higgs-like boson's discovery.

Ph.D. Degrees awarded

Ph.D. : 20

Honours/Distinctions

Dr. Amarjeet Kaur: Charge Transport In Organic/Inorganic Hybrid Systems in Organic Solar Cell Devices., Istituto Nazionale Fisica Nucleare (INFN)-National Institute for Nuclear Physics – Legnaro National laboratories, Padua, Italy, 18 May 2012.

Organic/Inorganic Hybrid Systems for Organic Photovoltaic Devices MaxPlanck Institute for Polymer Research, Mainz, Germany.

Dr. D.N. Gupta: Royal Society of Edinburgh-INSA Visiting Fellowship under bilateral exchange program to visit University of Strathclyde, Glasgow, Scotland.

Seminars/Conferences attended

Dr. Awadhesh Prasad: Amplitude death in coupled oscillators Nonlinear Dynamics & Complex Systems, National Institute for Mathematical Sciences, Daejeon, Korea, 3-5 December 2012.

Nonlinear time-series analysis of solar wind data, WCU-Conference on Nonlinear Dynamics, Kyungpook National University, Daegu, Korea, 6-7 December 2012.

Dr. Sourin Das: Invited talk on 'Story of Majorana fermions in condensed matter physics' in the Symposium on Frontiers of quantum Matter, Center for quantum science, George Mason University, Fairfax, VA, USA.

Dr. Shyma Rath: International Conference on Advanced Materials and Nanotechnologies, Hanoi, Vietnam, December 2012.

Dr. Abhitosh Kedia and Dr. P.S. Kumar: Poster presented 'Random to Selective Self Organization of Anisotropic Gold Nanostructures' at the ICYRAM 2012, Singapore, 1-6 July 2012.

Poster presented 'Molecular Aspects of Small Plasmonic Gold Nanoparticle Chain Networks' at the ICYRAM 2012, Singapore, 1-6 July 2012.

Dr. Amarjeet Kaur: Donor-Acceptor nanoparticles interactions in the organic solar cell devices, Progress in Applied SURFINT-SREN III, Florence, Italy, 14-18 May 2012.

Dr. D.N. Gupta: The 39th IEEE International Conference on Plasma Science, Edinburgh, UK, 8-12 July 2012.

Prof. Amitabha Mukherjee: International Congress on Mathematical Education, Seoul, South Korea, 8-15 July 2012.

International Seminar on Philosophy of Education, Bengaluru, January 2013.

Colloquium on 'What ails Science in India?', XXXVI Indian Social Science Congress, Bhubaneswar, December 2012.

Dr. Abhitosh Kedia, Dr. M. Boazbou Newmai and Dr. P. Senthil Kumar: 'Oligomer coated Gold Nanoclusters through Oxidative Monomer Polymerization' Poster presented at the International Conference on Emerging Technologies: Micro to Nano 2013 BITS, Goa campus, 23-24 February 2013.

Dr. Abhitosh Kedia, Dr. Manoj Verma and Dr. P. Senthil Kumar: 'Bromine Ion Induced Tunable Plasmonic Response of Gold Nanostars' Poster presented at the International Conference on (ETMN-2013) BITS, Goa campus, 23-24 February 2013.

Dr. Abhitosh Kedia and Dr. P. Senthil Kumar: 'Gold Nanostars Reshaping and Plasmon Tuning Mechanism' Poster presented at the 57th DAE-Solid State Physics Symposium, IIT, Mumbai, 3-7 December 2012.

Dr. Jyoti Rajput: Poster Title: 'Fragmentation of water by Ion Impact' presented at DAE-BRNS Symposium on Atomic, Molecular and Optical Physics, at Indian Institute of Science Education and Research, Kolkata, 14-17 December 2012.

Dr. Amarjeet Kaur: Gas sensing response of nanostructures of polypyrrole, ICCMPP-2012, B.R. Ambedkar University, Lucknow, 14-16 December 2012.

Dr. D.N. Gupta: 27th National Conference on Plasma Science & Technology (Plasma-2012), Pondicherry University, Puducherry, 10-13 December 2012.

Dr. S.K. Chamoli: Participated in 'NUSTAR WEEK 2012', an International Conference held in VECC, Kolkata, 8-12 October 2012.

Publications

Books

Choudhury, D. in *Surveys in Theoretical High Energy Physics*, edited by. P. Ramadevi.

ISBN 978-83-80130-45-8.

Research Articles

Kumar, B., Goel, N. and Sinha, N. 'Crystal growth, optical, mechanical and electrical properties of Inorganic material: Sodium tetraborate decahydrate', in *Materials Research Bulletin*. DOI: 10.1016/j.materresbull.2013.01.007

Senthil, K.K., Babu, M., Bhagavannarayana, G. and Kumar, B. 2013. 'Effect of rare earth ions on the properties of glycine phosphate single crystals', *Journal of Crystal Growth*, 362, 343-348.

2012. Improvement in Structural, Dielectric, Ferroelectric and Mechanical Properties in Metal Ions Doped Glycine Phosphite Single Crystals, in *Ferroelectrics*, 437, 126-136.

Goel, N. and Kumar, B. 2012. 'Remarkable Enhancement in optical and thermal properties of sodium hydrogen phthalate crystals due to Fe³⁺ doping', in *J. Crystal Growth*, DOI: 10.1016/j.jcrysgr.2012.08.044.

- Gupta, M.K., Sinha, N. and Kumar, B. 2012. 'Dielectric studies and band gap tuning of ferroelectric Cr-doped ZnO Nanorods', in *Journal of Applied Physics*, 112, 014303.
- Sundari, S.S., Dhanasekaran, R. and Kumar, B. 2012. 'Enhancement in ferroelectric, pyroelectric and photoluminescence properties in dye doped TGS crystals', in *Journal of Solid State Chemistry*, 190: 180-85.
- Kumar, K. and Kumar, B. 2012. Effect of Nb-doping on dielectric, ferroelectric and conduction behavior of lead free $\text{Bi}_0.5(\text{Na}_0.5\text{K}_0.5)_0.5\text{TiO}_3$ ceramic, in *Ceramics International*, 38: 1157-65.
- Singh, N., Singh, B.K., Gupta, M.K. and Kumar, B. 2012. Optical and dielectric studies of solution grown glycine maleate single crystal, in *Optics Communications*, 285: 659-64.
- Silotia, P., Dabas, S., Saxena, A. and Tewari, S.P. 2013. On the thermal conductivity of Single-Walled Carbon Nanotube ropes, in *Soft Nanoscience Letters* 3: 7-10. DOI: 10.4236/snl.2013.31002.
- Prasad, V. and Silotia, P. 2012. Anomalous low frequency dielectric relaxation in nanoparticles/isotropic fluid mixed ferroelectric liquid crystals, in *Ferroelectrics*, 431: 6-12. DOI:10.1080/00150193.2012.684601.
2013. 'Population transfer in disk shaped quantum dot in delayed half cycle pulses and magnetic field', in *Journal of Computational & Theoretical Nanoscience*, 10: 1429-35, DOI:10.1166/jctn.2013.2866
- Singh, G. and Rath, S. 2013. 'Spectroscopic ellipsometry and multiphonon Raman spectroscopic study of excitonic effects in ZnO films', in *J. Appl. Phys.* 113, 163104.
- Kumar, R., Sharma, A.K., Bhatnagar, M., Mehta, B.R. and Rath, S. 2013. Antireflection properties of graphene layers on planar and textured silicon surfaces, in *Nanotechnology*, 24, 165402.
- Garg, S.K., Venugopal, V., Basu, T., Sinha, O.P., Rath, S., Kanjilal, D. and Som, T. 2012. Evolution of ripple morphology on Si(1 0 0) by 60-keV argon ions, in *Applied Surface Science* 258,4135.
- Kanseri, B., Rath, S. and Kandpal, H.C. 2012. Determination of generalized Stokes parameters for unpolarized, polarized and partially polarized light beams, in *Proceedings of SPIE - The International Society for Optical Engineering* 8173 817318.
- Kedia, A. and Kumar, P.S. 2012. 'Solvent-Adaptable poly (vinylpyrrolidone) Binding Induced Anisotropic Shape Control of Gold Nanostructures', in *J. Phys. Chem. C* 112, 23721-28.
2013. Gold Nanostars: Reshaping and Plasmon Tuning Mechanism, in *AIP Conf. Proc.* 1512: 232-233.
- Kumar, S. Symmetry based parameterizations of the lepton mixing matrix arXiv:1305.0692 [hep-ph].
2012. 'Unitarity constraints on trimaximal mixing, in arXiv:1007.0808 [hep-ph]', *Phys. Rev. D* 82 (2010) 013010, Erratum-ibid. D85, 079904.

Devi, M.M., Ghosh, A., Kaur, D., Mohan, L.S., Choubey, S., Dighe, A., Indumathi, D. and Kumar, S. et al. Hadron energy response of the ICAL detector at INO arXiv:1304.5115 [physics.ins-det].

Dev, S., Kumar, S., Verma, S., Gupta, S. and Gautam, R.R. Four Zero Texture Fermion Mass Matrices in SO (10) GUT, in arXiv: 1203.1403 [hep-ph].

Saharan, R., Kaur, A. and Dhawan, S.K. 2012. 'Electrochemical and chemical investigations of the co-polymers of 3-minobenzenesulfonic acid with aromatic amines for their application in electrochromic devices', in J. Appl. Electrochem. (Springer) DOI 10.1007/s10800-012-0387-3.

Srivastava, M.K., Singh, M.P., Siwach, P.K., Kaur, A., Razavi, F.S. and Singh, H.K. 2012. Impact of substrate on magnetic phase coexistence in bicritical Sm_{0.53}Sr_{0.47}MnO₃ thin films, in Solid State Communications, 152: 138-141.

Ishpal and Kaur, A. Tuning of EMI Shielding Properties of Polypyrrole Nanoparticles with Surfactant Concentration, in Synth. Met. (Elsevier) Synthetic Metals, 162: 1471-77.

2013. 'Spectroscopic investigations of ammonia gas sensing mechanism in polypyrrole nanotubes/nanorods'. J. Appl. Phys. 113, 094504.

2013. 'Spectroscopic and electrical sensing mechanism in oxidant mediated polypyrrole nanofibers/nanoparticles for ammonia gas', in J. Nanoparticles, 15: 1637.

Srivastava, M.K., Kaur, A., Maurya, K.K., Awana, V.P.S. and Singh, H.K. 2013. Impact of strain on metamagnetic transitions in Sm_{0.5}Sr_{0.5}MnO₃ thin films, in Appl. Phys. Lett. 102, 032402 52.

Upadhyay, M. and Murugavel, S. 2013. 'Correlation between crystallization behavior, electrical switching and local atomic structure of Ge-Te glasses', J. Non-Cryst. Solids, 368, 3439.

Vaid, G. and Murugavel, S. 2013. 'Alkali oxide containing mesoporous bioactive glasses: Synthesis, characterization and in vitro bioactivity', Mat. Sci. Eng. C, 33, 959-968.

Vaid, C., Murugavel, S., Kashayap, R. and Tandon, R.P. 2012. 'Synthesis and in vitro bioactivity of surfactant templated mesoporous sodium silicate glasses', Micropor. Mesopor. Mater., 159: 17-23.

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2012. Ground state Lifetime Correlation with $\text{NpNn}/[\text{NpNn}]_{\text{MAX}}$, DAE Nuclear Physics symposium, Vol. 57, p. 380.

ZOOLOGY

Honours/Distinction

Prof. K. Muralidhar: 1st Awardee, Prof. N.R. Moudgal Memorial Oration, ISSRF, 2013. Prof. Rina Chakrabarty: Referee of Scientific Journals: Aquaculture (Elsevier Science Ltd.), Aquaculture and Nutrition (Blackwell Science Ltd., NIFES, Norway), Aquaculture Research (Blackwell Science Ltd. U.K.), Comparative Biochemistry and Physiology (Elsevier Science Ltd.), Journal of Agricultural and Food Chemistry (ACS Publications, U.S.A.), Journal of Fish Biology (Blackwell Science Ltd. U.K.), International Aquatic Research (Springer).

Seminars/Conferences attended

Prof. Rup Lal: Organized workshop on Scientific Writing and Publishing in the capacity of ASM ambassador of Indian Ocean at KIIT, Bhubaneswar, Odisha at 53rd Annual AMI Conference on 21st November 2012.

Prof. A.K. Singh: Presented paper in International Congress of Entomology, Daegu, South Korea (2012) Orientation and Feeding responses of *Cotesia Plutellae* adults to honey and sucrose.

International Insect Science Congress, Bangalore, India (2013). Ovipositional responses of *Helicoverpa armigera* to certain resistant and susceptible pigeonpea genotypes.

Prof. Madan Mohan Chaturvedi: Invited to World Conference on Global Innovation, Organized by Human Life Advancement Foundation, Kuala Lumpur, Malaysia, 26-27 March 2013.

Prof. Umesh Rai: Attended and chaired a session in International Conference on Repromics-Omics in Reproduction organized by Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram under the auspices of Indian Society for the study of Reproduction and Fertility, 7-9 February 2013.

Prof. Rina Chakrabarti: Presented paper in International Conference on 'Recent Trends in Climate Change Researches vis-à-vis Biodiversity', MJP Rohilkhand University, 3-4 December 2012.

Presented paper in the National Seminar on 'Mountain Fisheries: Challenges and Opportunity for Livelihood Security', Directorate of Coldwater Fisheries Research, ICAR, Bhimtal, Uttarakhand, 5-6 November 2012.

Prof. Vinod Kumar: International Congress on Chronobiology, 3-7 October 2012.

Prof. R.K. Seth: Sperm dynamics in correlation with mating behaviour of sub-sterilized irradiated male moths, *Spodoptera litura* and their F_1 progeny as a crucial assessment of 'Inherited Sterility' technique for Lepidopteran pest suppression. In: Third FAO/IAEA Research Co-ordination Meeting on CRP, 'Increasing the Efficiency of Lepidoptera SIT by Enhanced Quality Control' Phoenix, Arizona, USA, 12-16 September 2012.

Bio-efficacy of gamma radiation as phytosanitary treatment against various ontogenetic stages of the *Solenopsis mealybug*, *Phenacoccus solenopsis* and the Pink hibiscus mealy bug, *Maconellicoccus hirsutus*. Third Research Co-ordination Meeting on CRP, 'Development of generic irradiation doses for quarantine treatment', Buenos Aires, Argentina, 15-19 October 2012.

Chaired the Technical session in Third FAO/IAEA RCM on CRP, 'Increasing the Efficiency of Lepidoptera SIT by Enhanced Quality Control' Phoenix, Arizona, USA, 12-16 September 2012.

Chaired the Plenary session in 'National Conference on Application of Natural Products for Human Health & Bioremediation of Pollutants' at Rajasthan University, 22-23 March 2013.

Dr. D.K. Singh: Variation in the soil bacterial community associated with Bt and non-Bt crop by PCR-DGGE Analysis. 53rd, AMI Conference, KIIT University, Odisha, p. 208, 22-25 November 2012.

Research Schemes

Title	Principal /Investigator	Sponsoring Organization
Biological activity of certain plants against <i>Helicoverpa armigera</i> .	Prof. A.K. Singh	UGC
Effect of certain botanicals on development, survival and reproduction of <i>Lipaphis erysimi</i> and <i>Aphis craccivora</i> .	Prof. A.K. Singh	DST Purse Grant
'Development of in vivo system for studying inflammation: mechanism of oscillatory response of the key regulator, the Nuclear Factor kappa B (NF-kB)'.	Prof. Madan Mohan Chaturvedi	DU-DST Purse Scheme

Pathogen induced toll-like receptor and pro-inflammatory cytokines' gene expression in spleen of fresh water teleost– <i>Channa punctatus</i> .	Prof. Umesh Rai	University of Delhi
A comparative study of testicular genes expressed during summer (regression) winter (active phase) in wall lizard to identify gene(s) associated with onset of spermatogenesis, and functional genomic studies using transgenic mouse model to find their importance in animal virility.	Prof. Umesh Rai	DBT
Evaluation of immunostimulatory and disease resistance properties of an Indian medicinal plant <i>Achyranthes aspera</i> in Carps.	Prof. Rina Chakrabarti	DBT
Characterization of digestive proteases of Indian major carps and its capacity to digest plant protein.	Prof. Rina Chakrabarti	DST
The nature of impact of abiotic stresses on three diverse freshwater species of Fishes.'	Prof. Rina Chakrabarti	ICAR
Mechanism of adaptation in vertebrates.	Prof. Vinod Kumar	DST
Immunohistochemical study of seasonal system in birds.	Prof. Vinod Kumar	CSIR
'Bioremediation of agrochemicals and heavy metals present in Yamuna and drainage water used for irrigation in urban and peri-urban agricultural areas'.	Dr. D.K. Singh	ICAR-NFBSFARA
Bioremediation of contaminants in polluted sites: use of weedy plants.	Dr. D.K. Singh	ICAR-NFBSFARA
Relation between organ size and adult size in fruit fly.	Dr. Mallikarjun N. Shakarad	University of Delhi

Publications

Kaur, J., Niharika, N. and Lal, R. 2012. 'Sphingomonas laterariae LNB2^T sp. nov. isolated from hexachlorocyclohexane (HCH) contaminated dumpsite in Lucknow'. Int. J. Syst. EVol. Microbiol: doi:10.1099/ijs.0.034686-0.

Niharika, N., Jindal, S., Kaur, J. and Lal, R. 2012. 'Sphingomonas indica sp. nov., isolated from hexachlorocyclohexane (HCH) contaminated soil'. *Int. J. Syst. Evol. Microbiol.* doi:10.1099/ijs.0.033845-0.

Bala, K., Geueke, B., Miska, M., Rentsch, D., Poiger, T., Lal, R., Holliger, C. and Kohler, H.P. 2012. Enzymatic conversion of α -Hexachlorocyclohexane and α -Heptachlorocyclohexane isomer, two neglected components of technical hexachlorocyclohexane. *Environ Sci Technol*: 46: 4051-58.

Dwivedi, V., Niharika, N. and Lal, R. 2012. 'Pontibacter lucknowensis DM9T sp. nov. isolated from hexachlorocyclohexane dumpsite'. *Int. J. Syst. Evol. Microbiol.* doi:10.1099/ijs.0.040147-0.

Dwivedi, V., Sangwan, N., Nigam, A., Garg, N., Niharika, N., Khurana, P., Khurana, J.P. and Lal, R. 2012. 'Draft genome sequence of *Thermus* sp. RL isolated from hot water spring located atop the Himalayan Ranges at Manikaran, India'. *J. Bacteriol.* 194: 3534-35.

Kaur, J., Moskalikova, H., Niharika, N., Sedlackova, M., Hampl, A., Damborsky, J., Prokop, Z. and Lal, R. 2012. 'Sphingobium baderi sp. nov., isolated from a hexachlorocyclohexane (HCH) dumpsite in Spolana'. *Int. J. Syst. Evol. Microbiol.* doi:10.1099/ijs.0.039834-0.

Niharika, N., Moskalikova, H., Kaur, J., Sedlackova, M., Hampl, A., Damborsky, J., Prokop, Z. and Lal, R. 2012. 'Novosphingobium barchaimii sp. nov., isolated from a hexachlorocyclohexane (HCH) contaminated soil'. *Int. J. Syst. Evol. Microbiol.* doi:10.1099/ijs.0.039826-0.

Niharika, N., Moskalikova, H., Kaur, J., Khan, F., Sedlackova, M., Hampl, A., Damborsky, J., Prokop, Z. and Lal, R. 2012. 'Sphingobium czechense sp. nov., isolated from a hexachlorocyclohexane (HCH) dumpsite'. *Int. J. Syst. Evol. Microbiol.* doi:10.1099/ijs.0.039396-0.

Anand, S., Sangwan, N., Lata, P., Kaur, J., Dua, A., Singh, A., Verma, M., Kaur, J., Khurana, J., Khurana, P., Raghuvanshi, S. and Lal, R. 2012. 'Genome Sequence of *Sphingobium indicum* B90A, a Hexachlorocyclohexane-Degrading Bacterium'. *J. Bacteriol.* 194: 4471-72.

Malhotra, J., Dua, A., Saxena, A., Sangwan, N., Mukherjee, U., Pandey, N., Raman, R., Khurana, P., Khurana, J.P. and Lal, R. 'Genome sequence of *Acinetobacter* sp. HA isolated from the gut of polyphagous insect pest *Helicoverpa armigera*'. *J. Bacteriol.* 194: 5156-57.

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Dhall, M., Chaturvedi, M.M., Rai, U. and Kapoor, S. 2012. 'Sex-dependent effects of the UCP1-3826 A/G polymorphism on obesity and blood pressure'. *Ethn Dis.*, 22: 181.

Gupta, N., Shrivastava, A. and Sharma, R. 2012. 'Silica Nanoparticles Co-Encapsulating Gadolinium Oxide and Horse Radish Peroxidase for Imaging and Therapeutic Applications'. *International J. of Nanomedicine*, Vol. 7, pp. 5491-5500, DOI: <http://dx.doi.org/10.2147/IJN.S33295>.

Gosain, A., Lohia, R., Shrivastava, A. and Saran, S. 2012. 'Identification and characterization of peptide: N glycanase from *Dictyostelium discoideum*'. *BMC Biochemistry*, 13: 9. doi: 10.1186/1471-2091-13-9.

Book/Chapters

Anand, S., Malhotra, J., Niharika, N., Lal, D., Jindal, S., Kaur, J., Nigam, A., Garg, N., Lata, P., Kaur, J., Sangwan, N., Singh, A.K., Dua, A., Saxena, A., Dwivedi, V., Mukherjee, U. and Lal, R. 2013. Bioremediation of Hexachlorocyclohexane (HCH) Pollution at HCH Dump Sites. Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change.

Lal, R. and Sangwan, N. 2013. Metagenomics: Assigning Functional Status to the Community Gene Content. *Manual of Environmental Microbiology* 4th Ed.

Use of Animals in Scientific Research and Education.

Tandon, P.N., Muralidhar, K. and Gupta, Y.K. (eds) 2012. Indian National Science Academy, New Delhi, pp. i-xvi+ 1-350.

Prolactin and Angiogenesis: Biological Implications of Microheterogeneity.

Kambadur Muralidhar and Jaeok Lee. 2013. In Nagy, G.M. and Bela, T. (eds) 'PROLACTIN'. INTECH Open Minds/Open Science, Croatia, pp. 1-20.

Chakrabarti, R. and Sharma, J.G. 2012. Digestive enzyme profile of carps: A overview. In: *Advances in Fish Research* (ed. Goswami, U.C.), Vol. V., Narendra Publishing House.

FACULTY OF LAW

LAW

Ph.D. Degrees awarded

Ph.D. : 08

New Additions

Neha	-	Assistant Professor
Siddharth Misra	-	Assistant Professor

Appointment of Faculty members to higher Post/Assignments

Prof. Gurdip Singh: Appointed as Vice Chancellor of Dr. Ram Mahohar Lohia National Law University, Lucknow, U.P.

Honours/Distinctions

Dr. L. Pushpa Kumar: Selected for Fulbright-Nehru Post-Doctoral Research Fellowship (2013-14) to conduct research at Harvard Law School, Harvard University, USA for one year.

Publications

Books

Bansal, A.K. 2012. Law of Designs in India, New Delhi: University Book Publishers.

2013. Law of Trade Marks in India, New Delhi: Thomson & Reuters.

LAW CENTRE-I

Ph.D. Degrees awarded

Ph.D. : 2

Honours/Distinctions

Prof. Ved Kumari: Awarded Prof. Sushil Chandra-Haikerwal Award for the Best Social Scientist of the year 2011 by the Indian Society of Criminology, 15 February 2013.

Dr. L. Pushpa Kumar: Visiting Scholar, University of Washington School of Law, University of Washington, Seattle, USA, 2-30 November 2012.

Seminars/Conferences attended

Ms. Alok Sharma: International Academic Conference on 'Economic Growth and Changes of Corporate Environment in Asia' organised by the Indian Law Institute in collaboration with the Korea Legislation research Institute at Vigyan Bhavan, 22 September 2012.

National Seminar on 'Working of Fifty Years of the Indian advocates Act and its Relevancy in the International Context' organised by the Indian Law Institute in collaboration with the Bar Council of India, Delhi High Court Bar Association, Supreme Court Advocate-on-record at Vigyan Bhavan, 23 September 2012.

6th National Conference: 'Staying Alive: Implementation of Protection of Women from Domestic Violence Act, 2005' at India Habitat Centre, Jacaranda Hall, 21 January 2013.

36th All India Criminology Conference of the Indian Society of criminology organised by National Law University, Delhi, 15-17 February 2013.

A paper titled, 'Corporal Punishment in the Home: Conflict of Laws' was presented in 3rd International Conference of Human Rights defense (India) Addressing 'Human Rights Concerns of Indian Diaspora' at Constitutional Club of India, 10 January 2013.

Prof. Ved Kumari: 'Women and Children: Ideological Disconnect between Law, State Actors, and Society' in the International Conference on Criminal Justice System: Towards a Systematic Approach – Perspectives from Asia and Pacific, organised by Hamdard School of Law, NAPSIPAG, Committee for Welfare of Prisoners, and Women Prisoners' Welfare Society, Karachi, 26-29 April 2012.

'1st Meeting of the Asian-Pacific Council for Juvenile Justice' and to the National and Regional Conference: 'Towards comprehensive and effective Juvenile Justice System in Thailand and the Region' organized by the International Juvenile Justice Observatory and Ministry of Justice, Thailand, 12-15 June 2012.

Publications

Books

George, J.V. 2012. Indian Government and Politics.

2012. Indian Government and Politics Hindi edition.

2013. Comparative Government and Politics.

2013. Comparative Government and Politics Hindi edition.

Pankaja, P.B., Industrial Policies in India – Constitutional Vision of Socialism, New Delhi: Company Law Journal (India) Pvt. Ltd., ISBN – 81 – 85537 – 19 – 5.

Research Articles

Chhachhar, V. 2012. 'Right to Information- Key to Transparency', (1) International Journal of Development Studies and Research, New Delhi, (ISSN-2277-8654).

2013. 'Journey from MRTP to Competition Law in India With special Reference to Unfair Trade Practices' in Indian Socio-Legal Journal, Jaipur: Indian Institute of Comparative Law, Vol. 39, (ISSN-0970-7972).

Dass, P. 2012. 'Safeguarding Individual's Rights to Privacy and Freedom of Expression in Cyberspace', in Singh, G. and Ahuja, V.K. (eds), Human Rights in 21st Century: Changing Dimensions (Universal Law Publishing), pp. 726-740. ISBN-978-93-5035-166-6.

Kumari, V. 2013. 'Juvenile Justice in India: Challenges and the Way Forward' in RN Srivastava et al (ed.) Child abuse and neglect: Challenges and Opportunities.

Sharma, A. 2012. 'Violence against Women: A Continuing Phenomenon', International Journal of Social Science and Linguistics, 2.1: 159-70.

2012. 'The Rights of the Child in India: A Journey of Recognition', International Journal of Research and Development, 3.1: 20-51.

Singh, S. 2012. 'Narco-analysis Test and Rights of Accused' in Singh, G. and Ahuja, V.K. (eds), Human Rights in 21st Century: Changing Dimensions (Universal Law Publishing), pp. 741-58, ISBN 978-93-5035-166-6.

LAW CENTRE – II

Seminars/Conferences held

Dr. V.K. Ahuja: Presented a paper on 'Permitted Acts in Relation to Copyright' at Seminar on Small and Medium Enterprises and Copyright Protection and Management of Right in Digital Environment organized jointly by Law Centre-I and Ministry of Micro Small and Medium Enterprises, 16 February 2013.

Dr. Rajan Varghese: Attended the All India Law Teachers' Congress Conference on Private International Law, at Amity Law School, and Chaired a Session on 'NRI Marriages' 1-2 September 2012.

Dr. Vageswari Deswal: Guest Speaker on Emergence of Parivarik Mahila Lok Adalats In India in International Conference organized by International Council of Jurists at Vigyan Bhawan, 1-2 December 2012.

Publications

Research Articles

Varghese, R. 2012. 'Sentinal on the Qui Vive' Indeed: A comment on the 2 G Spectrum Decision', Published in the Amity Law Review. Vol. 8, Nos. (1). (ISSN 2249-2232).

Deswal, V. 2012. 'A Medico Legal Analysis of Female Foeticide', National Capital Law Journal, LC-II, Faculty of Law, University of Delhi.

FACULTY OF EDUCATION

EDUCATION

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	09
M.Phil.	:	06

Honours/Distinctions

Prof. Bharati Baveja: Honoured by Indian Association of Teacher Educators (IATE) at their Conference held at Hyderabad, December 2012.

Seminars/Conferences attended

Prof. Bharati Baveja and Dr. R.K. Mishra: Paper presented 'Situating teacher education within the essentials of learning to live together'. 16th UNESCO-APEID Conference on 'Heart of Education-Learning to live together', Bangkok, Thailand, November 2012.

Prof. Bharati Baveja and Dr. M.B.Kalra: Paper presented 'Trends in teacher thinking' at the Canada International Conference on education, June 2012, Ontario.

Dr. Susmita Lakhyani: Paper presented on 'Factors affecting creativity with reference to Visual Art' at an International Conference on 'Arts in society', School of Design, Liverpool, U.K., July 2012.

Dr. Preeti V. Mishra: Presented paper entitled 'Knowledge Society(ies): A critique from Indian Psycho-philosophical Perspective' at the 19th International Conference on Learning, at the Institute of Education, UK, August 2012.

Prof. Rama Mathew: Presented paper on Monitoring and evaluation of teacher growth at the 4th International Policy Dialogue Forum Teacher Challenges for EFA in India, MHRD, May 2012.

Prof. Sadhna Saxena: Presented a paper on 'Politics of people's knowledge: Kishore Bharatiexperience' at a Conference on local histories entitled 'Recovering the oral Histories of North-Eastern India' at Dimapur, organised by Indian Institute of Advanced Studies, Shimla.

Prof. Alka Behari: 'Teacher education for the changing world: A case for pedagogical content knowledge' Presented and published a co-authored paper in the Proceedings of the International Conference organized by Comparative Education Society of India at Jammu University, October 2012.

Dr. Pankaj Arora: Invited lecture on 'Youth and citizenship education in a democratic society' at the International Conference on 'Global Trends and Challenges in Teacher Education' held at BGC, Jaipur, September 2012.

Publications

Books

Lakhyani, S. 2012. Art, Creativity and Art Education, Germany: Lambert Academic Publishing.

Mittal, S.R. (ed.), Drishti Badha Aur Shikshan. All India Confederation of the Blind, New Delhi (in Hindi).

Parimala, D. (ed.), 2012. Changing Role of Teachers in Changing Context: Policy and Practice, Delhi: Kanishka Publishers.

Saxena, S. (Guest ed.) 2012. Special issue on 'Gender and Education', Comparative Education Dialogue, Vol .9(2).

Research Articles

Baveja, B. and Kalra, M.B. 2012. Teacher thinking about Knowledge, learning and learner: A metaphor analysis, ELSEVIER, Procedia-Social and Behavioral Sciences, 55, 317-326.

Kanvaria, V.K. 2012. 'Holistic Education: Strategizing for De-Individualising the Differences', International Journal of Research in Education and Social Sciences, 1(3).

Kumar, K. 2012. Pedagogy Market', Economic and Political Weekly, XLVII, No. 47-48.

Lakhyani, S. 2012. 'Developing peace and joy through art education', Journal of Social Sciences, 8(2): 177-81.

Mathew, R. 2012. Young learner English language policy and implementation: A view from India'. In Spolsky, B. and Moon, Y. (eds), Primary School English-Language Education in Asia: From Policy to Practice, London: Routledge, pp. 83-105.

Saxena, S. Is Equality an out-dated concern in Education? Economic and Political Weekly, XLVII(49).

FACULTY OF SOCIAL SCIENCES

AFRICAN STUDIES

M.Phil. Degrees awarded

M.Phil. : 6

Seminars/Conferences attended

Dr. A.S. Yaruingham: International Seminar on, 'Emerging Asian powers in Africa', organized by Centre for African Studies, University of Mumbai in collaboration with Policy Research Institute of African Studies Associate, Mumbai, 14-15 February 2013.

International Seminar on, 'Gender Relations in Developing Societies: 21 Century Perspective', organized by Maharaja Agrasen College, 30-31 October 2012.

International Seminar on, 'Indian Diaspora: Its Comparative Perspective', organized by: Policy Research Institute of African Studies Association of India, in collaboration with African Studies Center, JNU & IIC, Delhi, 29-30 March 2013.

International Seminar on Contemporary Africa: Issues and Challenges, ILLL, Delhi University, 22 November 2012.

National Seminar on 'Immigrants Problems in North East India: It's Social Political and Economic Impact', organized by Indira Gandhi National Tribal University, 7-8 March 2013.

Dr. Suresh Kumar: The New Moroccan Constitution Guarantees the Promotion of Moroccan Autonomy Initiative, Political Researcher, Special Political and Decolonization Committee (Fourth Committee), United Nations Organizations, New York, 6-11 October 2012.

Role of BRICS in Africa's Development: Common Synergies & Complementarities. Lecture at UGC Centre of Brazil and South African Studies, Aligarh Muslim University, Aligarh, 12-13 February 2013.

Africa Democratization: Issues and Challenges, International Seminar on Contemporary Africa Issues and Challenges, organized by Centre for African Studies, 22 November 2012.

Foreign Economic Policy and Trade Agreements of India in Africa. National Trade Symposium on Rejuvenate the Indian Growth Story through Manufacturing and Trade. IIFT Kolkata, 2012, Hyatt Regency, 10 November 2012.

Dr. Tribhuwan Prasad: Presented a paper on 'India and visit Africa relation' in the International Conference on 'Emerging Asian power in Africa' at Centre for African Studies, University of Mumbai, 14-15 February 2013.

Presented a paper on 'Climate Change and Africa' in International Seminar, organized by the Department of African Studies and Centre for African Studies on 22 November 2012.

Publications

Journal

Yaruigam and Singh, P. 2012. 'Religion - Peace and Development in Africa'. Indian Journal of African Studies. Vol. XVIII, No. 1 & 2. pp.1-16.

Kumar, S. 2013. Role of BRICS in Africa's Development: Common Synergies and Complementarities. Diplomatist. Vol. 1, Issue No.1.

2013. Africa Ideal Destination to Energy Starved India. Indo-African Business.

2013. African Infrastructure: India Offers Cost Effective Cutting Edge. Indo-African Business.

2013. 'Geopolitics Regionalism under New Moroccan Constitution and Autonomy of Sahara'. Indian Journal of African Studies. Vol. XVIII, No. 1 & 2.

2012. 'Need for a Green Revolution in Africa', Africa Quarterly, Vol. 52, No. 2, 10:23.

2012. Agriculture as an Emerging Sector: Mutual Interests of India and Africa. Business Opportunities & Challenges in African Agri-Food Sector. Mumbai: IACCI Publication.

2012. Food Security and India's Vision of Agriculture Development in Africa. Business Opportunities & Challenges in African Agri-Food Sector. Mumbai: IACCI Publication.

2012. Emerging Sector Food Security and India's Vision of Agriculture Development in Africa, African Review, Mumbai.

2012. 'Infrastructure as an Emerging Sector: Mutual Interests of India and Africa', African Review, Mumbai.

2012. 'Oil Energy and Gas as an Emerging Sector: Mutual Interests of India and Africa', African Review. Mumbai.

Prasad, T. 2012. 'Aksum: A Great Trading Centre'. Indian Journal of African Studies. Vol. XVIII, No. 1 & 2, pp. 17-24.

ADULT CONTINUING EDUCATION & EXTENSION

Seminars/Conferences attended

Dr. Rajesh, Dr. J.P. Dubey and Dr. V.K. Dixit: Attended National Knowledge Networking inaugurated Sam Pitroda on 24 January 2013.

Dr. Rajesh: Participated in International Conference on Prior Learning in India Habitate Centre organized by NLMA and UNESCO ILLL, 28-29 June 2012.

Dr. Rajesh, Dr. J.P. Dubey and Dr. V.K. Dixit: Participated in Actively in Academic Congress organized by the University of Delhi, 6-7 September 2012.

Publications

Books

Rajesh and Dixit, V.K. (ed.) 2012. Lifelong Learning & Human Rights, Department of Adult Continuing Education & Extension, University of Delhi.

2012. Lifelong Learning, Department of Adult, Continuing Education, University of Delhi.

ECONOMICS

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	1
M.Phil	:	23

Appointed faculty members to higher Posts/Assignments

Prof. T.C.A. Anant: Secretary and Chief Statistician of India, Ministry of Statistics and Programme Implementation.

Honours/Distinctions

Dr. Pami Dua: Vice President, The Indian Econometric Society, 2012-2013.

Dr. Shreekant Gupta: Chairman, National Selection Committee, 2012-2013 Fulbright-Nehru Master's Fellowship.

Dr. Sunil Kanwar: ICSSR-Now Research Fellowship, Maastricht University, 2013.

Dr. Santosh C. Panda: President, Orissa Economic Association for 2013-14.

Dr. Rohini Somanathan: Lead Economist, International Growth Centre, Bihar Program.

Seminars/Conferences held

The Asian Meeting of the Econometric Society was organized by the department in December 2012. This prestigious Conference was organized in India for the first time.

The department organized Conference in memory of Professor Suresh D. Tendulkar in July 2012 with the theme Perspectives on Indian Economic Development and Policy.

The department also organized a Conference on Macroeconomic Issues and Challenges in India in collaboration with the Indian Econometric Society.

Seminars/Conferences attended

Dr. Sugata Bag: 'Performance of Indian Economy during 1970-2010: A Productivity Perspective'. Paper presented at Asian Meeting of the Econometric Society. AMES 2012.

Dr. A. Banerji: Invited Lecture 'Experimental Auctions and their use in Preference Elicitation, IFPRI, Washington DC.

Dr. Aditya Bhattacharjea: Chaired a session of the Second Annual India KLEMS Research Workshop, Indian Council for Research on International Economic Relations.

Dr. Ashwini Deshpande: 'Access and Exclusion: Mapping Social Diversity in Education in India', Paper presented at a Conference on 'New Spatialities of Labour and Production', Indira Gandhi Institute for Development Research, Mumbai.

Keynote speaker on 'Affirmative Action in India', at a Conference on Inequality and Affirmative Action, Kathmandu, Nepal.

Dr. Pami Dua: 'Indian Economy: Trends and Prospects', Dayalbagh Educational Institute, Deemed University, Agra.

'Global and Indian Cyclical Outlook: An Overview', United Nations ESCAP, New Delhi.

'Capital Flows and Exchange Rates in India: An Empirical Investigation', Conference on Perspectives on Indian Economic Development and Policy, Department of Economics.

'Global Economic Crisis and India's Macroeconomic Situation', United Nations ESCAP Expert Group Meeting on Inclusive Development and Regional Cooperation in South and South West Asia.

'Impact of Eurozone Crisis on India', Keynote Address, Seminar on Euro-Crisis: Implications for India, Pondicherry University.

'Measurement and Patterns of International Synchronization: A Spectral Approach', Conference on Exploring an Interface Between Economics and Physics, Department of Physics and Astro Physics.

'Interdependence of International Financial Markets: The Case of India and U.S.', Conference on Exploring an Interface Between Economics and Physics, Department of Physics and Astro Physics.

'Determinants of Weekly Yields on Government Securities in India', Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics.

'Macroeconomic Modelling and Forecasting the Indian Economy', Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics.

'Weather Shocks, Spot and Futures Agricultural Commodity Prices: An Analysis for India', Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics.

'Measurement and Patterns of International Synchronization: A Spectral Approach', Asian Meeting of the Econometric Society, Department of Economics.

'Interdependence of International Financial Markets: The Case of India and U.S', Asian Meeting of the Econometric Society, Department of Economics.

'Determinants of Foreign Portfolio Investment Flows to India', Asian Meeting of the Econometric Society, Department of Economics.

'Indian Economy: Challenges and Prospects', Keynote Speaker, Seminar on Shifting Gears: Jumpstarting a Slowing Indian Economy, Delhi College of Arts and Commerce.

Dr. Deepti Goel: Participated as faculty member in a week long Workshop on 'Dynamics of Migration', organized by the Oikos Young Scholars Economics Academy, Geneva, Switzerland.

'Effect of Delhi Metro on Pollution'. The 8th Annual Conference on Economic Growth and Development, organized by ISI Delhi.

'Effect of Delhi Metro on Pollution'. The Asian Meetings of the Econometric Society (AMES) held in Delhi.

Dr. Shreekant Gupta: 'Environmental Policy and Governance in a Federal Framework: Perspectives from India', Workshop on 'Policies for Environmentally Sustainable Development: Asia's Perspective', organized by Centre on Asia and Globalization, LKY School of Public Policy, National University of Singapore.

'Impact of Climate Change on the Indian Economy: Evidence from Foodgrain Yields'. Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics.

Dr. J.V. Meenakshi: 'Data Needs for Tracking Undernutrition' at Conference on Perspectives on Indian Economic Development and Policy, Department of Economics.

Dr. Santosh C. Panda: 'Economic Growth, Inequality and Poverty in Odisha, 1993-2010'. Keytone address at a National Workshop on 'Inequality in post-reform India Measurement and Policy Issues' organized by Nabakrushna Choudhary Centre for Development Studies, Bhubaneswar.

'Growth-Poverty Linkage: Some Evidence from Odisha'. 'Professor B. Mishra endowment lecture' at 45th Conference of Orissa Economic Association held at NISER, Bhubaneswar.

'Growth, Poverty and Social Sector in Odisha'. Keytone address at a National Workshop on 'Social Sector in India-Issues and Challenges' organized by Department of Analytical and Applied Economics, Utkal University, Bhubaneswar.

Dr. Ram Singh: 'Procurement Contracts: Incentive Structure and Outcomes', Brown University.

Dr. Uday Bhanu Sinha: Presented paper titled 'Multi-market Collusion with Territorial Allocation' in the Third Conference on Empirical Issues in International Trade and Finance organized by the Indian Institute of foreign Trade held at Kolkata.

Presented paper titled 'Multi-market Collusion with Territorial Allocation' in National Conference on Emerging Issues in International Trade: Theory and Empirics, Jadavpur University, Kolkata.

Dr. Rohini Somanathan: 'A Behavioral Approach to the Estimation of Poverty in India' at Conference on Perspectives on Indian Economic Development and Policy, Department of Economics.

Publications

Books/Monographs

Deshpande, A. (Editor) 2012. 'Global Economic Crisis and the Developing World', London: Routledge.

Research Papers

Banerjee, L., Ming, Y., Ruparelia, S., Vakulabharanam, V., Zhong, W. and Deshpande, A. 2012. 'Growth, Reforms and Inequality: Comparing India and China,' In Transformation and Development: The Political Economy of Transition in India and China. (eds) Bagchi, Amiya K. and D'Costa, Anthony, P. Delhi: Oxford University Press.

Meenakshi, J.V., Khanna, G. and Banerji, A. 2012. 'Social Contracts, Markets and Efficiency: Groundwater Irrigation in North India', Journal of Development Economics.

Meenakshi, J.V., Gupta, N. and Banerji, A. 2012. 'Auctions in Grain Markets and Farmer Welfare'. Economic and Political Weekly, Vol. XLVII, No. 52, Review of Rural Affairs.

Behera, S.R., Dua, P. and Goldar, B. 2012. 'Foreign Direct Investment and Technology Spillover: Evidence across Indian Manufacturing Industries', Singapore Economic Review.

Bhanumurthy, N.R. and Dua, P. 2012. 'Macroeconomic Outlook for 2012-13 and 2013-14 based on India-LINK Macroeconometric Model'.

2012. 'Macroeconomic Outlook for 2012-13 and 2013-14 based on India-LINK Macroeconometric Model. SBI Monthly Review.

Kumar, S., Sarangi, G. and Gupta, S. 2012. 'Measuring the Performance of Water Service Providers in Urban India: Implications for Managing Water Utilities', Water Policy, Vol. 14, No. 3, pp. 394-408.

Mohanty, N. and Gupta, S. 2012. 'Breaking the Gridlock in Water Reforms through Water Markets: Experience and Issues for India', in Josefina Maestu (ed.), Water Trading and Global Water Scarcity: International Perspectives, Taylor & Francis/RFF (Water Policy Series), Washington D.C., pp. 143-62.

Narain, U., Klass, V.V. and Gupta, S. 'Income poverty and dependence on common resources in rural India' in Pieter J.H. Van Beukering, et al. (eds), Nature's Wealth: The Economics of Ecosystem Services and Poverty, Cambridge University Press (Ecology, Biodiversity & Conversation series), pp. 273-84.

Kanwar, S. 2012. 'Intellectual Property Protection and Technology Licensing: The Case of Developing Countries', Journal of Law and Economics, 55(3): 539-64.

2012. 'The Location of Overseas R&D and Intellectual Property Protection', Journal of Development Studies, 48(10): 1453-69.

- Meenakshi, J.V. 2012. 'Undernutrition'. In *The New Oxford Companion to Economics in India*. (eds. Kaushik Basu and Annemie Maertens). New Delhi: Oxford University Press.
- 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.
- Panda, S.C. 2012. 'Revisiting Cardinal Utility Analysis: An Axiomatic Approach, Utkal Economic Papers.
- Sharma, S. 2012. 'Hate Crimes in India: An Economic Analysis of Violence and Atrocities against Scheduled Castes and Scheduled Tribes.' CDE, Department of Economics, Working Paper No. 213.
- Khanna, S. 2012. 'Gender Wage Discrimination in India: Glass Ceiling or Sticky Floor?' CDE, Department of Economics, Working Paper No. 214.
- Chaudhary, S. 2012. 'Trends in Total Factor Productivity in Indian Agriculture: State-Level Evidence Using Non-Parametric Sequential Malmquist Index.' CDE, Department of Economics, Working Paper No. 215.
- Das, M. and Guha, S. 2012. 'What Do Teachers Do? Teacher Quality vis-à-vis Teacher Quantity in a Model of Public and Growth.' CDE, Department of Economics, Working Paper No. 216.
- Bhattacharjea, A. and Sinha, U.B. 2012. 'Multi-Market Collusion with Territorial Allocation.' CDE, Department of Economics, Working Paper No. 217.
- Gupta, S., Sen, P. and Srinivasan, S. 2012. 'Impact of Climate Change on the Indian Economy: Evidence from Foodgrain Yields' CDE, Department of Economics, Working Paper No. 218.
- Bhanumurthy, N.R., Dua, P. and Kumawat, L. 2012. 'Weather Shocks, Spot and Futures Agricultural Commodity Prices: An Analysis for India.' CDE, Department of Economics, Working Paper No. 219.
- Kumar, K.S.K. and Viswanathan, B. 2012. 'Weather Variability and Agriculture: Implication for Long and Short-Term Migration in India.' CDE, Department of Economics, Working Paper No. 220.
- Bertinelli, L., Cardi, O. and Sen, P. 2012. 'Deregulation Shock in Product Market and Unemployment'. CDE, Department of Economics, Working Paper No. 221.
- Mani, H., Pandit, V. and Rao, R.P. 2013. 'Disequilibrium in the Indian Registered Manufacturing Sector: A Simulated Maximum Likelihood Analysis.' CDE, Department of Economics, Working Paper No. 222.
- Dua, P. and Tuteja, D. 2013. 'Interdependence of International Financial Markets: The Case of India and U.S'. CDE, Department of Economics, Working Paper No. 223.
- Dua, P. and Sharma, V. 2013. 'Measurement and Patterns of International Synchronization: A Spectral Approach'. CDE, Department of Economics, Working Paper No. 224.
- Dua, P. and Garg, R. 2013. 'Foreign Portfolio Investment Flows to India: Determinants and Analysis'. CDE, Department of Economics, Working Paper No. 225.

Almas, I., Kielsurd, A. and Somanathan, R. 2013. 'A Behaviour-Based Approach to the Estimation of Poverty in India'. CDE, Department of Economics, Working Paper No. 226.

Bgland, J.M., Gangadharan, L., Maitra, P. and Somanathan, R. 2013. 'Repayment and Exclusion in a Microfinance Experiment'. CDE, Department of Economics, Working Paper No. 227.

Deshpande, A. and Sharma, S. 2013. 'Entrepreneurship or Survival? And Gender of Small Business in India.' CDE, Department of Economics, Working Paper No. 228.

EAST ASIAN STUDIES

M.Phil. Degrees awarded

M.Phil. : 6

Research Scheme

Title	Principal /Investigator	Sponsoring Organization
Eighteenth party congress of	Dr. Janardan Sahu	R&D Progamme

the Chinese Communist Party:
Fifth Generation Leadership
and Policy Priorities

Honours/Distinctions

Dr. Janardan Sahu: Award of Taiwan Research Fellowship for Foreign scholars in Social Sciences & Humanities, 2012, by Ministry of Foreign affairs (MOFA), Taiwan, for the research topic: 'Cross-Strait Relations under Ma Yingjeou'.

Seminars/Conferences attended

Prof. Anita Sharma: Presented a paper entitled 'Buddhist Perspective to Pluralism in the Globalized World' at the 2012 CENSUR Conference on Religion in a Globalizd Context: The Mediterranean and the World, organized by the Faculty of Letters and Human Sciences, Chouaib Doukkali University, El Jadida, Morocco, 20-22 September 2012.

Mr. G. Balatchandirane: Presented a paper on 'Reconstruction and Development: Relevance of Korean Experience in Education', at the International Conference on 'India – Korea Relations: Past and Present' held by the Centre for Indic and Asian Studies, Bhagat Phool Singh Mahila Vishwavidayala, Khanpur Kalan, Sonipat, Haryana, 18-19 July 2012.

Presented a paper on 'Human Capital and Economic Development: Korea and India', at the International Conference on 'India-Korea Cooperation ane the East Asian Context' organized by the Department of East Asian Studies, University of Delhi along with KIEP and KAISS at University of Delhi, 25-26 October 2012.

Dr. Abanti Bhattacharya: Paper presented on 'China's Management of its Periphery: Strategy and Implications', Annual National Conference, Inside China: Political Developments, Social Unrest and Economic Crisis at IIC, New Delhi, 8 September 2012.

Paper presented on 'China's Developmental Nationalism: the linkage and its implications', International Conference on Participation, Contestation and Legitimation in Chinese Politics, IIT, China Studies Centre, Chennai, 3-5 December 2012.

Paper presented on 'Future of China's Minority Policy: Reflections on Tibet and Xinjiang', International Conference on Leadership Transition in China: Implications for the Chinese, Tibetans and Others, Tibet Policy Institute, Dharamsala, 28-30 December 2012.

Dr. Ranjana Mukhopadhyaya: Paper presented on 'Rethinking Modernity and Religion in the Public Sphere debate from the Perspective of Engaged Buddhist movements' in a Conference on Transcultural Asian Modernities, BHU, 20-21 December 2012.

Dr. Janardan Sahu: Paper presented on 'Two decades of India's Look East Policy: A Review' presented in an International Seminar on India-Korea Cooperation and the East Asian Context, organized by the Deptt. of EAS, D.U, KIEP and KAISS, 25-26 October 2012.

Paper presented on 'Beijing's Taiwan Diplomacy Under Hu Jintao' presented in a National Seminar on China's International Relations in the 21st Century: Stability or Turbulence, organized by the Department in memory of Prof. V.P Dutt, 21 April 2012.

Dr. Sandip Kumar Mishra: Paper presented on 'Services Industry of India and South Korea-India Economic Cooperation', Fellow Seminar at the KIEP, Seoul, 28 June 2012.

Dr. Paresh Kumar: Paper presented on 'A Comparative Viewpoints on Hyun Jin-geon's 'A LUCKY DAY' and Premchand's 'KAFAN' in the International Conference on the topic of Culture for Peace in Globalized Era organized by The Association for Korean Cultural Studies collaboration with Department of East Asian Studies, 8 January 2013.

Paper presented on 'Teaching Korean Culture through Hyun Jin-geon's Short Novel <A Lucky Day>' in an International Korean Language Educators' Seminar on the theme of Teaching Methodologies of Culture in Korean Language Education for Indian Learners organized by AKLEI at India Habitat Centre, New Delhi, 22-23 February 2013.

Publications

Sharma, A. 'Out of Monastery: A Study of Buddhist Women in Taiwan' in Buddhism: Message of Peace by Renuka Singh (ed.), published by Foundation of SAARC Writers and Literature Apex Body of SAARC, New Delhi, 2012.

Articles

Bhattacharya, A. China's Pakistan Card Post – 9/11 and India China Relations. Defence Review Asia, Vol. 7, No.1, February 2013, pp.18-20.

South China Sea Dispute: The Farce of Chinese Multilateralism, IDSA Strategic Commentary, IDSA, July 31, 2012, <http://idsa.in/idsacomments/SouthChinaSeaDos> [ite_Abanti Bhattacharya_310712].

Book Reviews

Review of 'Tibet: Writings on History and Politics', by Parshotam Mehra. Economic and Political Weekly, October 20: 35-37.

Review of 'Strong Society, Smart State', by James Reilly. China Report, 48 (3): 365-367.

Review of 'Tibet: A History', by Sam Van Schaik. Economic and Political Weekly, May 19: 37-39.

Mishra, S.K. 'India and Republic of Korea: Growing Strategic Partnership,' Foreign Affairs Journal, Vol. 7, No. 3, July-September 2012, pp. 321-330. (With Skand R Tayal)

GEOGRAPHY

Ph.D./M.Phil. Degrees awarded

Ph.D. : 4
M.Phil. : 9

Honours/Distinctions

Dr. R.B. Singh: Elected Vice President-International Geographical Union.

Leader, INSA National Delegation to 32nd International Geography Congress, 2012, Cologne, Germany.

Dr. S.C. Rai: Elected Secretary General of National Association of Geographers, India.

Dr. Anindita Datta: Awarded the Erasmus Mundus fellowship for academic mobility to Lund University, Sweden.

Seminars/Conferences attended

Dr. R.B. Singh: Presented paper and Chair a Session at the 32nd International Geography Congress, Cologne, Germany, 26-30 August 2012.

Delivered Special Lecture at the 34th Indian Geography Congress at Patna University, 11-13 November 2012.

Dr. S.C. Rai: Delivered Special Lecture at the 34th Indian Geography Congress at Patna University, 11-13 November, 2012.

Dr. A. De: Paper presented in the National Seminar on Modes of Ethnic identity Construction in India, organized by the University of North Bengal, 10-11 November 2012.

Publications

Book

Singh, R.B. 2012: Progress in Indian Geography--A Country report, Indian National Science Academy, New Delhi, p.196.

Research Articles

Anand, A., Chandan, P. and Singh, R.B. 2012. Homestays at Korzok: Supplementing Rural Livelihoods and Supporting Green Tourism in the Indian Himalayas, Mountain Research and Development, 32(2), 126-36.

- Singh, R.B. and Kumar, A. 2012. Climate Variability in Dry Regions of India: Case Study of Rajasthan, *Scientific Annals of Alexandru IOAN CUZA University of IASI*, Vol.L VIII, 59-76.
- Sahu, N., Yamashiki, Y., Avatar, R., Singh, R.B. and Takara, K. 2012. Impact of ENSO on the Paranaiba Catchment, Brazil, *Annals of Disas. Prev. Res. Inst., Kyoto University Online JI.*, No.55B.
- Maoha, M., Singh, R.B. and Hietala, H. 2012. Human driving forces for ecosystem services in the Himalayan region, *Environmental Economics*, 3(1), 53-57.
- Singh, R.B. and Kumar, D. 2012. Remote sensing and GIS for land use/cover mapping and integrated land management: case from the middle Ganga plain, *Front. Earth Sci.*, 6(2).
2013. 'Land-use planning for Sustainable Development Using Geoinformatics: Policy Implications for Drylands', In *Developments in Soil Classification, Land use planning and Policy Implications*, Eds. S.A.Shahid et al., Springer Science Dordrecht, 563-575.
2012. 'Spatial Information Technology for Land Use Based Integrated Watershed Management in Son-Karamnasa Interfluve', In *Towards Sustainable Land Use in Asia (III)*, Ed. Y. Himiyama, SLUAS Science Report, Asahikwa, 67-87.
- Singh, R.B. and Nath, R. 2012. Remote Sensing, GIS and Micrometeorology for Monitoring and Predicting Urban Heat Islands in Kolkata Mega City, *Annals of NAGI*, Vol. 32 (1).
- Singh, M. and Singh, R.B. 2012. 'Changes in Land Use and Land Cover Through Watershed development Programme: A Case of Nakti Nadi Sub Watershed in Haryana Shiwaliks, India', In *Towards Sustainable Land Use in Asia (III)*, Ed. Y. Himiyama, SLUAS Science Report, Asahikwa,(2012): 89-98.
- Misra, R.P, Thakur, B., and Singh, R.B. 2013. Thimphu: 'The City of Peace and Organic Development', In *Urbanisation in South Asia-Focus on Mega Cities*, Ed. R.P. Misra, Cambridge Univ. Press, New Delhi, 398-420.
- Goswami, N., Singh, R.B. and Kala, C.P. 2012. 'Herbal Home Remedies and Role of Traditional Healers as Health Care Providers', Pub. in *Sustainable Use of Medicinal Plants*, Ed. R.N.Pati, Abhijeet Pub., New Delhi, 197-210.
- Singh, R.B. and Gurjar, A.K. 2012. 'Economic Reforms and Employment Generation and Inclusive Growth in India', Pub. in *New Economic Policies and Employment Opportunities in India*, Eds. B.S.Yadav et al., Shree Pub., New Delhi, 1-12.
- Rai, S.C. and Raleng, A. 2012. 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.
- Rai. S.C. and Kumari, P. 2012. Assessment of groundwater contamination from land-use/cover change in rural-urban fringe of National Capital Territory of Delhi (India). *Scientific Annals of 'Alexandru Ioan Cuza' University of Iasi - Geography series*, 58 (1) 31-46.
- Datta, A. 2013. 'Wildflowers on the Margins of the Field: On the Geography of Gender in India' in Qureshi M.H (ed), *Paradigm Shift in Geography*, Manak Publications, Delhi, 234-249.

2013. 'Work, Gender and Social Value: Conceptual Links and Field Insights' in Dutta Mondira (ed), 'Gender and Human Development in Central and South Asia, Pentagon Press, New Delhi, 26-31.
2012. 'Geography of Gender' in Singh R.B, Progress in Indian Geography: A Country Report 2008-2012, Indian National Science Academy, New Delhi, 97-108.
2012. 'Space, Gender and Social Value: Analyzing Gender Inequalities in Relation to Space' in Dutt A.K, Wadhwa, V. Thakur, B. and Costa F.J. (eds) Facets of Social Geography: International and Indian Perspectives, New Delhi: Cambridge University Press, 382-399.
- Kundu, S., Saha, A.K., Sharma, D.C. and Pant, C.C. 2013. 'Remote Sensing and GIS based Landslide Susceptibility Assessment using Binary Logistic Regression Model: A Case Study in the Ganeshganga Watershed, Himalayas', Journal of Indian Society of Remote Sensing (DOI: 10.1007/s12524-012-0255-y).
- Arora, M.K., Saha, A.K., Gupta, P. and Gupta, R.P. 2012. LaSIRF: 'Landslide Safe Intelligent Route Finder for mountainous terrain in GIS environment', In: Pradhan, B. and Buchroithner, M. (Eds.) Terrigenous Mass Movements, Springer-Verlag Berlin Heidelberg, 349-368.

HISTORY

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	2
M.Phil.	:	16

Seminars/Conferences attended

Dr. Charu Gupta: 'Embodied Rights: Desire, Religious Conversions and Dalit Women in Colonial India'. Invited Speaker at a Conference on Engendering Rights in India: The Colonial Encounter and Beyond, Center for the Study of Gender and Sexuality, Chicago University, USA, 4 May 2012.

Prof. Bhairabi Prasad Sahu: 'Sarala's Odra-Desa: Literary Representations of a Regional Society, Presented at the Seminar on Literature and Reality in Indian Culture, organized by The Aligarh Historians Society, at the Mumbai session of the India History Congress, Mumbai University, 29-30 December, 2012.

'Rituals of Power in Early Medieval Eastern India, presented at the Seminar on State Power and Ethics of Governance: The Indian Experience, organized by the Department of History, University of North Bengal, Darjeeling, 18-20 February, 2013.

'Changing Perspectives of Early India History: Writing the Region, presented at the National Seminar on Are Agendas Driving History-Writing? Is the Discipline Becoming Richer or Poorer?, organized by the Department of History, Shivaji College, University of Delhi, 20-21 February 2013.

'Constitution of Authority, its Changing Forms and Popular Contestations in Pre-modern India, Keynote Address, at the National Seminar on Authority and Challenge: Processes of State and Social Formations in India, organized by the K.M. College, 1-2 March 2013.

Dr. David Vumlallian Zou: 'Sprit of the soil : Folk geographies and religious desire in colonial Mizoram, 'National Seminar organized by Pachhunga University College, Aizawl, Mizoram, and the ICCR New Delhi, 29-31 October 2012.

'The politics of religious change in north-east India,' National Workshop organized by North East India Studies Programme, School of Social Sciences, JNU, 18-20 March, 2013.

Dr. Charu Gupta: 'Representing the Dalit Woman: Hindi Print Sphere and Middle Classes in Colonial North India' Invited Speaker at an International Seminar on Comparative Colonial Middle Classes, Jadavpur University, Kolkata, 25-26 March 2013

'Inter-Religious Intimacies: Conversions, Desire and Dalit Women in Colonial India'. Invited Speaker at an International Seminar on Living with Religious Diversity, IIC, 18-19 February 2013.

'Seemaon se Pare: Aurat, Astitva aur Sangharsh' (Beyond Boundaries: Women, Identity and Struggle). Concluding Address at a National Conference, Govind Ballabh Pant Social Science Institute, Allahabad, 11-12 September 2012.

Prof. R.C. Thakran: 'Perceiving Harappan Water Management Devices–Insights from Recent Ethno-archaeological Studies' International Conference on Harappan Archaeology, Chandigarh, 27-29 October 2012.

Prof. Amar Farooqui: Co-coordinator of 14th International Seminar on Indo-Portuguese History, 11-13 February 2013.

Dr. Anirudh Deshpande: Conferences: International Conference on Rural South Asia: Imaging Heritage and Progress. Paper Presented 'A visual narrative of two cities: Gurgaon and the duality of Globalized Urbanization in the third world.' organized by Babasaheb Bhim Rao Ambedkar University, Aurangabad, Maharashtra, , 4-7 January 2013.

Publications

Books

Sahu, B.P. 2013. 'The changing Gaze: Regions and the Constructions of Early India', New Delhi : Oxford University Press.

Gupta, C. 2012. Streetva Se Hindutva Tak: Aupaniveshik Bharat Mein Yaunikta Aur Saampradayikta (From Femininity to Hindutva: Sexuality and Communalism in Colonial India) (in Hindi). New Delhi: Rajkamal Prakashan.

2012. Gendering Colonial India: Reforms. Print, Caste and Communalism. New Delhi: Orient Blackswan.

Thakran, R.C. 2013. et al (eds) Bhartiya Upamahadvip Ki Sanskritiyan-Vol.-I, Hindi Madhyam Vibhag Karyanvya Nideshalaya, Dilli Vishvavidalaya.

et al (eds.) Bhartiya Upamahadvip Ki Sanskritiyan - Vol.-II, Hindi Madhyam Vibhag Karyanvya Nideshalaya, Dilli Vishvavidalaya, January-2013

Malhotra, A. 2012. Punjab Reconsidered: History, Culture and Practice, Co-edited with Farina Mir, Oxford University Press.

Deshpande, A. 2013. Text Book: Beesween Sadi mein Vishwa Itihaas ke Pramukh Mudde (edited volume), Hindi Madhyam Karyanvay Nideshalay, University of Delhi.

Research Articles

Sahu, B.P. 'Local Societies, Cultural Transactions and the Making of Early Orissa, in H.Kulke et.al (eds), Imaging Odisha, Prafulla, 2013, pp. 35-53.

'Recent Perspectives of the State and Debates in Early India History', in India Historical Review, 39 (2), December 2012, pp. 145-62.

Gupta, C. 2012. 'Gendering Dalit Identities: Retelling 'National' Histories of 1857' In Nationhood and Identity Movements in Asia : Colonial and Post-colonial Times, (ed.) Swarupa Gupta, 271-86. New Delhi: Manohar.

2012. 'Representing Dalit Bodies in Colonial North India'. Nehru Memorial Museum and Library Occasional Paper, History and Society New Series, 1: 1-35.

2012. 'Fashioning' Swadeshi: Clothing Women in Colonial North India' Economic and Political Weekly, XL VII, 42, 20 October: 76-84.

2013. 'Roop aur Aroop, Seema aur Aseem: Aupniveshik Kaal mein Dalit Paurush' (Dalit Manhood in Colonial India) (In Hindi). Pratiman: Samay, Samaj, Sanskriti 1, 1: 99-125.

Deshpande, A. 'One step forward two steps backward. A historical critique of twentieth century decolonization, in the Inclusive. {inclusive. Org, December, 2012}, ISSN 2278 9578.

'Remaking the Indian Historian's Craft: The Past, Present and Future of History as an Academic Discipline', Economic and Political Weekly, February 16, 2013.

Marathas, Rajputs and Afghans in mid eighteenth century India : Bhausahabanchi Bakhar and the articulation of cultural difference in Precolonial India.' Occasional paper by the Nehru Memorial Museum and Library, March 2013.

POLITICAL SCIENCE

Ph.D./M.Phil. Degrees awarded

Ph.D. : 10
M.Phil. : 23

Research Schemes

Title	Principal /Investigator	Sponsoring Organization
CAS-SAP-1, 'Globalisation Democracy and Justice'.	Prof. Ujjwal K. Singh	UGC

Mapping Social Exclusion and Rights of Representation: A Study of Student's Union Body in Central Universities of India.

Dr. N. Sukumar

UGC

Reasserting and Reinventing the Public in the Delivery of Services: Poverty and Rural Drinking Water.

Dr. Satyajit Singh

University of Delhi

Seminars/Conferences held

Organized a UGC sponsored National Seminar under the CAS-SAP, on Exploring New Realms of Politics in India: Knowledge of Democracy and Democracy of Knowledge, 21-22 February 2013.

Seminars/Conferences attended

Prof. Ujjwal Kumar Singh: 'Surveillance Regimes in Contemporary India', presented at an International Conference on States of Surveillance: Counter-Terrorism and Comparative Constitutionalism organized by the IACL Working Group on Constitutional Responses to Terrorism, the Australian Research Laureate Project on Anti-Terrorism Laws and the Democratic Challenge and the Gilbert + Tobin Centre of Public Law at the University of New South Wales, Sydney, Australia 13-14 December 2012.

'Political Facts and State Responses in Colonial and Post-Colonial India', presented at the South Asia seminar series, Seminar Room A, HC Coombs Building, Australian National University, Canberra, Australia, 15 June 2012.

'Is Constitutionalism in India Robust Enough to Protect Civil Rights?', presented at the IRC, Building W6A, Macquarie University, Sydney, Australia, 30 May 2012.

'Cat and Mouse' Games: Hunger Strikes and Political Prisonerhood', presented at the University of Technology, Sydney, Australia, 9 May 2012.

Prof. Pradip Kumar Datta: 'Viswa – Bharati and the globality of co-operatives', National Seminar on Tagore's Rural Reconstruction and its relevance today, I.I.P.A, 1-2 May 2012.

Keynote Address, 'The Long Post-Secularity', International Conference on Are we Post- Secular? Contesting Religion and Politics in Comparative Contexts, hosted by International Research Network on Religion and Democracy at LSR College, 13-14 December 2012.

Keynote Address, 'Viswa-Bharati and modes of Internationalism', International Conference on Tagore and his Global Vision: Forging Bonds with the World, hosted by the Viswa-Bharati, Santiniketan, 14-15 January 2013.

'Viswa-Bharati: A take on institutional failure', International Conference on Cultural institutions and knowledge arenas, post-1947: Revisiting the roles of Maulana Azad, Nehru Memorial Museum and Library in association with Dr. Veena Naregal, Economic Growth, 21-22 March 2013.

Dr. Satyajit Singh: UNDP Workshop on Capacity Development and Capacity Assessment, UNDP Regional Office, Bangkok, 2-3 May 2012.

Dr. Madhulika Banerjee: 'People, Health and Politics: The Mobilisation on Essential Drugs in India', at a Seminar Series of the CNRS, University of Paris, 18 April 2012.

'AYUSH as an alternative system of treatment: Implications for women in panchayats', at a deliberation organised by the Institute of Social Sciences on the occasion of Women's Political Empowerment Day Celebrations On the Theme 'Panchayats Women and Health for All' at New Delhi, 25 April 2012.

'Rising Ayurveda, Anxious Europe: What Happens When the Twain do Meet?' at a Conference entitled, Rising Asia, Anxious Europe University of Copenhagen, 2 May 2012.

'The Traditional Herbal Medicinal Plants Directive (2011): An Analysis', at an International Conference, 'Integrating Traditional South Asian Medicine into Modern Health Care Systems Collaboratively organised by the CSMCH, JNU, Martin-Luther-Universität Halle-Wittenberg, Germany, Foundation for Revitalising Local Health Traditions, Bengaluru, India Chapter-International Association for the Study of Traditional Asian Medicine, 4-6 October 2012.

Presented 'Politics of Knowledge: The pharmaceuticalisation of Ayurveda in twentieth-century India', at the Seminar Series at Azim Premji University, Bangalore, 16 November 2012.

'From Mainstreaming Ayurveda to Cures for the Mainstream' plenary presentation at the World Ayurveda Congress, Bhopal, 8 December 2012.

'Rising Ayurveda and the Anxious European Union: What Happens When the Twain do Meet?' Presented at the Conference of the Asian Dynamics Initiative 'Rising Asia, Anxious Europe', University of Copenhagen, 2-3 May 2012.

Dr. Rekha Saxena: Presented a paper on the 'Interface between Gender and Politics in India' at an International Conference organized by SICI, Canada at University of Calgary, Alberta, 3-4 June 2012.

Presented a paper on 'Federal Imperative and the Dilemma of the Congress-led UPA' to an International Conference organized by Hyderabad Central University, 1-3 December 2012.

Invited as a panelist to speak on Asymmetrical Federal governance and Cosmopolitan Democracy in J&K at University of Jammu, 21-23 November 2012.

Invited as a resource person and also presented a paper on 'Institutions and consolidation of Democracy in India National Seminar on 'Democracy in India: Strengths and Weaknesses at CCD, Vadodara, Gujarat, 15-16 March 2013.

Dr. Mohinder Singh: Delivered one of the Keynote lectures on 'Conceptual Vocabulary of a Political Language - Hindi (1870-1919)' at the 15th International Conference on the History of Concepts on 'Spaces, Languages, Time', Helsinki, 23-25 August 2012.

Dr. Mollica Dastider: Presented her research-paper 'Marginalized as Minority: Tribal Communities and the Alternate Discourses in East Himalayas' at the National Seminar on Exploring New Realms of Politics In India: Knowledge of Democracy and Democracy of Knowledge, organized by her own Department, i.e. Department of Political Science, University of Delhi, Delhi, 21-22 February 2013.

Invited by the Centre for Advanced Studies, Department of Sociology, University of Pune, to present her paper 'Why Marginalization? Understanding the Liberal Dilemma with Minority' at a National Seminar on Religious Nationalism: Challenges For a Secular Welfare State, organized by University of Pune, 12-13 March 2013.

Dr. Nasreen Chowdhory: 'Refugee camp economies: a note on Sri Lankan Tamils in India' paper presented in International Association for the Study of Forced Migration (IASFM) hosted by Mahanirban Calcutta Research Group at Swabhumi Heritage Plaza, Kolkata, 7-9 January 2013.

'Gender, Migration and the State' paper presented in panel on Gender Studies and IR, in The Dawning of the 'Asian Century': Emerging Challenges before Theory and Practices of IR in India organized by IRIS at India International Centre, 10-12 December 2012.

Dr. Devika Sharma: 'In Search of Alternatives to Border-related Disputes Concerns' at the 3rd GCOE-SRC Border Studies Summer Programme, Slavic Research Centre, Hokkaido University, 3 August, 2012.

'Towards an Understanding of Borders and Territory in India' at the 1st Annual Convention of IAIS in Partnership with IRIIS, 11 December 2012.

Publications

Singh, U.K. 2012. 'Between Moral Force and Supplementary Legality: A Model Code of Conduct and the Election Commission of India', *Election Law Journal: Rules, Politics, and Policy*, Volume 1, No. 2.

Datta. P.K. 2013. Co-Editor, Volume III: Indian Political Thought, ICSSR Research Survey and Explorations Vol. in Political, Chief Editor: Achin Vanaik, Delhi: Oxford University Press.

Chakrabarty, B. and Chand, P. 2012. *Public Administration in the Globalizing World*, Sage, New Delhi & Thousand Oaks.

2012. 'The United Bengal movement: a thesis without a synthesis' in Kaushik Roy, *Partition of India: why 1947 (Debate Series)*, Delhi: Oxford University Press.

Singh, S. 2013. 'Diverse Property Rights, Institutions and Decentralisation: Forest Management by Village Councils in Uttarakhand', *Policy and Society*, Vol. 31, No. 1.

Banerjee, M. 2012. *Ayurvedic Pharmaceuticals: Contesting Colonial Hegemony in Bala*, Poonam (ed) *Contesting Colonial Authority: Medicine and Indigenous Responses in 19th-20th century India*. Lexington Books, Plymouth.

Saxena, R. 2013. 'Indian Federalism', in Indian Democracy edited by K.C Suri, ICSSR Survey Research, New Delhi: Oxford University Press.

2012. 'Canadian Federalism: Structure and Evolution', in M.P Singh and Shubhendu Ranjan Raj (eds) Indian Political System, Pearson, Delhi.

2012. 'Secularism and Communalism in Indian politics: Dialectics and Dilemmas' in M.P Singh and Shubhendu Ranjan Raj (eds) Indian Political System, Pearson, Delhi.

2012. 'Indian Constitution: Design and Institutional Functioning' in M.P. Singh and Shubhendu Ranjan Raj (eds) Indian Political System, Pearson, Delhi.

2013. 'Inter-governmental Relations in India', in Meghna Sabharwal and Evan M. Berman (eds) Public Administration in South Asia: India, Bangladesh, and Pakistan, New York and London, CRC Press, Taylor and Francis Group.

Giri, S. 'Bal Thackeray or Why the Communists Did Nothing', 22 November 2012. www.sanhati.com.

Singh, M. 2012. 'Temporalization of Concepts: Reflections on the Concept of Unnati in Hindi (1870-1900)' accepted for publication in Contributions to the History of Concepts, Berghahn Journals, Vol. 7, Issue, 1, Summer.

2012. 'What did they mean by 'samaj'? : Society, Community, and Nation in Hindi Vernacular Discourse (1870-1908) the writings of Bhartendu Harishchandra and the Bhartendu-Mandal Writers' by Studies in Humanities and Social Sciences, Summer.

Chowdhory, N. 2013. 'The politics of 'belonging' and exclusion: a note on refugees in South Asia' in Paula Banerjee (ed.). Unstable Populations, Anxious States: Mixed and Massive Human Flows in South Asia. Samya, Kolkata, pp. 70-112.

2012. 'Assessing 'Belonging' and Claims of 'home' Among Refugees: A Note on Repatriation in South Asia' in Peace Prints, Paula Banerjee (ed.), Special Issue on Gender, Displacement and Peace in Women in Security, Conflict Management and Peace.

SOCIAL WORK

Ph.D./M.Phil. Degrees awarded

Ph.D. : 4
M.Phil. : 8

Research Schemes

Title	Principal/ Investigator	Sponsoring Organization
Need assessment for soft skills training for Executive Police of Kashmir.	Dr. Pamela Singla	J&K Govt.
Changing Identity among Dalits in Varanasi District of Uttar Pradesh: Role of State and Non-state actors.	Dr. Archana Kaushik	R&D Programme

Mid term evaluation of the Reintegration of street children, India. Ms. Shweta Verma Railway Children, UK

Evaluation study of the special Juvenile police units pilot projects, Delhi. Ms. Shweta Verma Railway Children, UK

Publications

Books

Balgopal, P.R. and Bhatt, S. 2013. Social Work Response to Social Realities, NRBC, Lucknow, ISBN: 978-93-80685-78-6.

Archana, K. Elderly Care Through a Distance in India. Lambert Academic Publishing-ISBN: 978-3-8465-9237-3.

Welfare and Development Administration in India. Global Vision Publishing House. ISBN: 978-81-8220-534-5.

Singla, P. 2012. 'The Ex-scavengers of Delhi: Into Alternative Sources of Livelihood-Exploring Unexplored Terrain' in Soen, D., Shechory, M. and Ben David, S. (eds). *Minority Groups: Coercion, Discrimination, Exclusion, Deviance and the Quest for Equality*. N.Y.: Nova Science Publishers, Inc., pp. 97-109.

'No Wonder Years' Editorial, *The Indian Express*, 18 August 2012.

Kaushik, A. 2012. 'Destitution: a stark reality for many aged adults in India'. *BOLD Quarterly Journal of the International Institute on Ageing (United Nations-Malta)*, Vol. 22, No. 4.

Vulnerability Dimensions of Oriya Elderly Women, *Social Work Chronicle*, Vol. 1, Issue 1.

Articles

Bhatt, S. '4Ws (Water, Work, Waste, And Women) components in Development paradigm: Relooking at Social education in 21st century, *New Horizons in University education*'. *Journal of Development and Social Justice*, Vol. 1, Issue No 2.

2012. Articles titled 'Occupational Social Work in India' and 'Social Work Literature in India' published in *Third Encyclopedia of Social Work*, edited by Singh, S. NRBC, Lucknow, ISBN 978-93-80685-54-0.

2012. 'Enriching Families, - Harmony', *Delhi Family Courts Journal*, Vol. 1, No. 3.

2012. 'Temporary Shelter for the Homeless in Delhi: A Study based Reflection, *Social Work Chronicle*', Vol. 1, Issues 2, (Jointly written with Ms. Ghazala Jamil).

Kaushik, A. Boosting Rural Development through Road Connectivity: The Orissa Experience, *Kurukshetra*, the monthly journal of Ministry of Rural Development, Vol. 60, No. 12, 32-3.

Journal

Jha, M.K. 2012. 'Ramayana and May' 1968, *Hardnews*.

SOCIOLOGY

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	1
M.Phil.	:	12

Research Grants

Title	Principal /Investigator	Sponsoring Organization
Reproductive Tourism, Medicine and Technology: Surrogacy in India.	Prof. Tulsi Patel Dr. Sunita Reddy	Ministry of Women and Child Development

Honours/Distinctions

Dr. Yasmeen Arif: Fulbright – Nehru Senior Research Fellowship. Awarded in October 2012.

Dr. Satish Deshpande: Malcolm Adiseshiaiah Award for distinguished contributions to Development Studies, Malcolm and Elizabeth Adiseshiah Trust, Chennai, 2012.

Seminars/Conferences attended

Dr. Janaki Abraham: 'Mapping Locality: Gender, Space and the Production of Neighborhood Cultures in Towns in India' Madison Feminist Pre-Conference, Annual Conference on South Asia, 11 October 2012.

'Sexuality and the Shifting Enforcement of Caste Endogamy' was presented at a panel called 'Crossing Boundaries: Sexuality, Conjuality, and the Negotiation of Power in India,' at Annual Conference on South Asia in Madison, Wisconsin, 11-14 October 2012.

Dr. Anuja Agrawal: 'Cyber-matchmaking in India: A Sociological Analysis' at the Conference Marriages In Asia: Trends, Determinants And Implications, 15-16 November 2012.

Dr. Yasmeen Arif: Performing Faith as Harmony: Mughals, Mystics and Mandirs in Delhi. Global Prayers Symposium. 'Global prayers. Redemption and Liberation in the City'. Goethe-Institut, Mumbai, September 2012.

Dr. Rajni Palriwala: Presentation on 'Gender, migration, and care: Case studies from North India' at a panel on 'Care, welfare and migration' at the 85th annual meeting of the Japan Sociological Society Conference in Hokkaido, Japan, November 2012.

Dr. Radhika Chopra: Banking on Trust: Servitude in Colonial and Contemporary India. Conference, The Entangled Tensions of Intimacy, Trust and the Social, University of Bergen, Norway, 18-19 May 2012.

Dr. Rita Brara: 'Social Scales and Climate Change: An Analysis of Cartoons' at a Conference titled Initiative on Climate Change Adaptation Research and Understanding at Columbia University, USA, 19 May 2012.

Dr. Satish Deshpande: Seminar on 'Mainstreaming Minorities'. Panelist in Plenary Panel: Mapping Minorities in India, Zakir Hussain College, Delhi, 12 February 2013.

Indian Sociological Society 38th All India Conference. Symposium on 'Development, Disparity and Distributive Justice'. Panelist, M.L. Sukhadia University, Udaipur, 27 December 2012.

Centre for the Study of Social Systems, JNU, 40th Anniversary International Conference, Panelist, Symposium on Sociology in India: Then and Now, 19 December 2012.

Dr. Meena Radhakrishna: Presented a paper on 'Human Rights of Dalits in South Asia' in Session III, 'Human Rights and Dignity', 3rd National Conference of Dalit Organizations, Constitution Club, New Delhi, 4 December 2012.

Prof. Tulsi Patel: Intensification of dislike for daughters: Mystery of Modernity in North-West India, Keynote Address at a Conference on Sex Ratio in India, Jammu University, 20-21 March 2013.

Art of Creating Designer Babies through Art, at a Conference of the Association of Social Anthropologists of Britain and the Commonwealth, U.K. at JNU, 3-6 April 2012.

Dr. Roma Chatterji: 'Secularism, Syncretism and Folk Art' at The Cultural Unity of India, Conference organized by the Rama Krishna Mission, Kolkata, 16-19 January 2013.

Dr. Sudha Vasani: Growing up at the Border: Youth culture and identity in Ladakh. Paper presented at the Nehru Memorial and Library Seminar, 24 April 2012.

Publications

Research Articles

Agrawal, A. 2012. Law and 'live-in' relationships in India. *Economic and Political Weekly* 47, No. 39: 50-6.

2012. Ideologies of Honour and Prostitution of Women: The Bedia Case. In 'Honour' and Women's Rights edited by Gupte, M., Awasthi, R. and Chickerur, S. IDRC and MASUM.

Arif, Y. 2012. 'Emergent Encounters: Towards a Politics of Epistemology'. In *Journal of the World Anthropologies Network*, 6: 23-42.

2012. 'Foreword'. In *Journal of the World Anthropologies Network*, 6: 3-6.

2012. *Journal of the World Anthropologies Network* (Edited). Special Issue Theme: Transforming the Terms of Conversation: Plural Anthropologies and De-centered Knowledges.

Brara, R. 2012. CA Forum on Public Anthropology. Comment on John R. Wagner's 'Water as a Commons Imaginary'. *Current Anthropology*, 53(5).

Chatterji, R. 2013. Lila, Self-Imagining and Pata Performance in West Bengal. In *To Ramchandra Gandhi: A Gift* edited by Raghuram Raju. Delhi: Routledge.

Chopra, R. 2013. Dependent Husbands: Reflections on Marginal Masculinities. In *Navigating Social Exclusion and Inclusion in Contemporary India and Beyond: Structures, Agents, Practices*, edited by Uwe Skoda, Kenneth Bo Nielsen and Marianne Qvortrup Fibiger. London: Anthem Press.

Deshpande, S. 2012. 'Capitalism, Exclusion, Transition: The politics of the present'. In *Economic and Political Weekly*, 47(16): 41-4.

2013. Outside capital, inside the urban? Notes and queries on the politics of the present. In *Participolis: Consent and Contention in Neoliberal Urban Governance* edited by Coelho, K., Kamath, L. and Vijaybaskar, M., Delhi: Routledge, 34-55.

2013. Between jhatka and halaal: Gujarat after two years of 'normalcy'. In *Himal Southasian quarterly*, 26(1): 58-64.

Palriwala, R. 2013. *Loving and Leaving: Single Parents in the Netherlands. The Politics of Passion: Reframing Affect and Emotion in Global Modernity* edited by Dirk Wiemann and Lars Eckstein. Frankfurt: Peter Lang Academic Research.

2012. Between the State, Market and Family: Structures, Policies and Practices of Care in India. In *Worlds Apart: Global Variations in the Political and Social Economy of Care* edited by Razavi, S. and Staab, S. London: Routledge. (With Neetha, N.).

Patel, T. 2012. Global Standards and Local Medical worlds: The case of Childbirth Practices in India. In *Medical Pluralism in Contemporary India* edited by Sujatha, V. and Abraham, L. New Delhi: Orient Black Swan.

FACULTY OF MUSIC AND FINE ARTS

MUSIC

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	21
M.Phil.	:	27

Seminars/Conferences attended

Prof. Anupam Mahajan: Delivered a welcome address. Prof. Najma Perveen Ahmad, Prof. Anjali Mittal, Prof. V. Radha, Prof. Alka Nagpal, Dr. Rajeev Verma, Dr. Prateek Chauhadri, Dr. Vasanthi Krishna Rao, Dr. P.B. Kanna Kumar, Dr. T.V. Manikandan, Dr. Shailendra Kuma Goswami, Dr. Ojesh Pratap Singh, Dr. Sudepta Sharma, Shri Jagbandhu Prasad, Ms. Shalini Thakur, Shri Rajpal Singh, Dr. Surendra Nath Soren, Dr. Ananya Kumar Dey, Dr. Hari Kishan Goswami, Dr. Gopal Krishan, Dr. Harish Kumar Tiwari, Dr. S.A. Sanjini and Dr. Anis Ahmad. Arranged a National Seminar in the Department of Music on the 'Meeting points of the Folk & Classical in Music: An Analytical Approach.'

Dr. Shelender Kr. Goswami: India Nepal Youth Conference, B.P. Koirala India Nepal Foundation, Nepal, 13-14 May 2012.

Honours/Distinctions

Prof. Anjali Mittal: As a resource person, invited by the Mahatma Gandhi Institute of Music, University of Mauritius, Mauritius, June 2012.

Dr. Prateek Chaudhari: Invited as Resources Person and gave lecture along with Demonstration in the Refresher Course on the Topics: 'Relation between Vocal and Instrumental Music', Guru Nanak Dev University, 8 December 2012.

Publications

Journal Article

Mahajan, A. Music in yearly Journal 'Vageshwari' of Faculty of Music & Fine Arts.

Dey, A.K. 2013. Time Theory of Raga: An In-depth study, in yearly Journal 'Vageshwari' of Faculty of Music & Fine Arts.

Goswami, S. 2013. Significance of India folk instrument in the Folk Music of India: An overview' in yearly Journal 'Vageshwari'.

Kanna Kumar, P.B. 2013. Manifestation of Lord Ganpati with special reference to Muthuswamy Dikshitar's compositions', in yearly Journal 'Vageshwari', Faculty of Music & Fine Arts.

2012. Sabha Ganoee of Karnatic Classical Music, Indian Horizon Cultural Magazine.

ManiKandan T.V. 2013. Importance of Lakshma in the field of Karnatak Music, Shanmukha Journal, Bombay, December, 2012.

2013. Karnatic Music and astrological facts-Analytical Study, International Journal, Pore.

Abstracts

Thakur, S. 2013. 'Ragdari Sangeet Aur Fusion Sangeet – Ek Prayogdharmita', book published.

FACULTY OF MEDICAL SCIENCES

BIOCHEMISTRY (LHMC)

Publications

Garg, U., Jain, A., Singla, P., Beri, S., Garg, R. and Saili. 2012. A. 'Free Radical Status in Retinopathy of Prematurity'. Ind J Clin Biochem, 27(2): 196-99.

Jain, A., Sharma, V., Patra, S.K., Goel, A. and Sherwal, B.L. 2012. 'Evaluation of nested Polymerase Chain Reaction targeting hup B gene in the diagnosis of tubercular ascites.' Internet Journal of Medical Update, 7(2): 9-13.

Makadia, J.S., Jain, A., Patra, S.K., Sherwal, B.L. and Khanna, A. 2012. 'Emerging trend of mutation profile of rpoB gene in MDR tuberculosis,' North India. Ind J of Clinical Biochem 27(4): 370-74.

Patra, S.K., Nasrat, H., Goswami, B. and Jain, A. 2012. 'Vitamin D as a predictor of insulin resistance in Polycystic Ovarian Syndrome', Diabetes & Metabolic Syndrome: Clinical Research & Reviews, 6: 146-49.

Saini, V., Yadav, A., Arora, S., Singh, R. and Bhattacharjee, J. 2012. 'Association between different degrees of hypothyroidism and serum lipids'. Internet Journal of Medical Update, 7(2): 3-8.

- Saini, V., Yadav, A., Arora, M.G., Arora, S., Singh, R. and Bhattacharjee, J. 2012. 'Correlation of creatinine with TSH levels in overt hypothyroidism - a requirement for monitoring of renal function in hypothyroid patients?' *Clin Biochem.* 45(3):212-4.
- Tayal, D., Goswami, B., Tyagi, S., Chaudhary, M. and Mallika, V. 2012. 'Interaction between dyslipidemia, oxidative stress and inflammatory response in patients with angiographically proven coronary artery disease.' *CVJSA*, 23(1): 23-7.
- Gupta, N., Goswami, B., Singh, B. and Ghosh, S. 2012. 'Awareness about HIV infection among the paramedical staff in a tertiary care hospital in Delhi, India'. *Clinics and Practice, North America*. Available at <<http://clinicsandpractice.org/index.php/cp/article/view/35>>
- Lodh, M., Goswami, B. and Gupta, N. 2012. et al. 'Assessment of oxidative stress and inflammatory process in patients of multiple myeloma'. *IJCB*, 27(4): 410-13.
- Chakraborty, B., Chowdhury, D., Vishnoi, G. and Goswami, B. 2012. et al. 'Interleukin-6 Gene - 174 G/C Promoter Polymorphism Predicts Severity and Outcome in Acute Ischemic Stroke Patients from North India'. *Journal of stroke and cerebrovascular diseases*. [Epub ahead of print]. PMID: 22410655.
- Goswami, B., Rajappa, M. and Chakraborty, B. 2012. et al. 'Comparison of the various lipid ratios and indices for risk assessment in patients of myocardial infarction'. *Clinical Biochemistry*, 45(6): 445-49.
- Lodh, M., Goswami, B., Parida, A., Patra, S. and Saxena, A. 2012. 'Assessment of serum leptin, pregnancy associated plasma protein-A and CRP levels as indicators of plaque vulnerability in patients with acute coronary syndrome.' *CVJSA*, 23(6): 330-5.
- Goswami, B. and Singh, B. 2012. 'Role of surrogate markers in assessment of insulin resistance in females with thyroid disorders.' *Diabetes Metab Syndr.* 6(3): 163-6.
- Chakraborty, B., Vishnoi, G. and Goswami, B. 2012. et al. 'Lp(a), ferritin and albumin in acute phase reaction predicts severity and mortality of acute ischemic stroke in north Indian patients.' *Journal of Stroke and Cerebrovascular Diseases*. Epub ahead of text.
- Gupta, N., Goswami, B. and Mittal, P. 2012. 'Effect of standard anthracycline based neoadjuvant chemotherapy on circulating levels of serum IL-6 in patients of locally advanced carcinoma breast - A prospective study'. *Int J Surg.*, 10(10): 638-40.
- Gupta, N., Goswami, B., Mahajan, N. and Dey, S. 2013. 'Vertebral Metastasis in Gallbladder Carcinoma-- An Unusual Site.' *International Journal of Case Reports in Medicine*, Vol. 2013, Article ID 165756. DOI: 10.5171/2013.165756.
- Singh, N., Malik, E., Banerjee, A., Chosdol, K., Sreenivas, V. and Mittal, S. 2012. 'Anti-Mullerian Hormone: marker for ovarian Response in controlled ovarian stimulation for IVF patients': A first pilot study in Indian population.' *The Journal of Obstetrics and Gynaecology of India* (DOI 28.10,12/138).
- Naithani, M. and Kshitiz, K.K. 2012. 'The conventional antiepileptic drugs use when compared to a combination therapy regime in a teaching hospital in India.' *Intern J Pharma & Bio science*, 3(1): B 191-97.

BIOCHEMISTRY (MAMC)

MD Degrees awarded

MD : 2

Seminars/Conferences attended

Dr. Lal Chandra and Dr. P. Lali: Attended International Congress on Abdominal obesity, Canada, July 2012.

Dr. S.K. Gupta, Dr. T.K. Mishra, Dr. Lal Chandra and Dr. P.C. Ray: Attended 20th National Conference of (AMBI), Bhubaneswar, December 2012.

Dr. Chandra Lal: Attended 2nd International Congress on Pathology at Raipur in February 2013.

Publications

Ratan, S.K., Aggarwal, S.K., Mishra, T.K., Saxena, A., Yadav, S. and Pandey, R.M. 2012. 'The children with isolated hypospadias have different hormonal profile Compared to those with associated anomalies'. *J Pediatr. Endocrinol Metab*, 25(1-2): 111-9.

Mathur, N.B., Garg, A. and Mishra, T.K. 2013. 'Role of dexamethasone in neonatal meningitis, a randomized controlled trial'. *Indian J Pediatr*. 80(2): 102-7.

Yadav, N.K., Poudel, B., Thanpari, C. and Koner, B.C. 2012. 'Assessment of biochemical profiles in premenopausal and postmenopausal women with breast cancer'. *Asian Pac J Cancer Prev*. 13(7): 3385-8.

Jamsheed, J., Rashid, M., Ahamad, I., Farooq, S., Yadav, P., Zubari, M., Masroor, M., Ray, P.C., Julka, P.K., Mohan, A., Banday, M.A., Maqbool, I. and Saxena, A. 2012. 'Clinical and Prognostic Significance of Promoter Polymorphism (-31GC) of Anti Apoptotic Gene Survivin (BIRC5) in North India Patients with Non Small Cell Lung Cancer', *J Cancer Sci Ther*. Vol. 4.9, 276-80.

Jamsheed, J., Mir, A.B.R., Ahamad, I., Farooq, S., Yadav, P., Zuberi, M., Masroor, M., Ray, P.C., Julka, P.K., Mohan, A., Lone, M., Banday, M.A. and Saxena, A. 2012. 'Impact of MDM2 SNP309T>G Polymorphism: Increased Risk of Developing Non-Small Cell Lung Cancer and Poor Prognosis in Indian Patients'. *J Cancer Sci Ther/ Vol.4.10*, 341-46.

Jamsheed, J., Masroor, M., Mir, A.B.R., Ahamad, I., Farooq, S., Yadav, P., Zuberi, M., Goru, S., Shanawaz, S., Ray, P.C., Mohan, A., Bhat, A.A., Khatlani, T.S. and Saxena, A. 2012. 'Clinical and Prognostic Significance of R282W p53 Gene Mutation in North India Patients with Non Small Cell Lung Cancer', *Transl Med*, 2: 110.

Ahmad, I., Rashid, M., Mariyam, Z., Jamsheed, J., Yadav, P., Farooq, S., Masroor, M., Guru, S., Shahnawaz, S., Ray, P.C., Sheikh, I.A., Khatlani, T., Bhat, A.H., Gupta, N., Jetly, S., Ahmad, N. and Saxena, A. 2013. 'Inactivation of RIZ1 Gene by Promoter Hypermethylation is Associated with Disease Progression and Resistance to Imatinib in Indian Chronic Myelogenous Leukemia Patients, First Study from India', *J Cancer Sci Ther*. Vol.5.2, 045-051.

Rashid, M., Mariyam, Z., Ahmad, I., Jamsheed, J., Yadav, P., Farooq, S., Masroor, M., Guru, S., Shanawaz, S., Bhat, A.A., Khatlani, T.S., Jetly, S., Ray, P.C., Gupta, N. and Saxena, A. 2013. 'Biological and Clinical Implications of Exon 8 P53 (R282W) Gene Mutation in Relation to Development and Progression of Chronic Myeloid Leukaemia Patients in Indian Population', *J Cell Sci Ther*, 4: 140.

Jamsheed, J., Rashid, M., Masroor, M., Ahmad, I., Shazia, F., Yadav, P., Mariyam, Z., Bhat, A.A., Sheikh, I.A., Khalani, T., Julka, P.K., Maqbol, L., Ray, P.C. and Saxena, A. 2013. 'TP53 is a Mutational Target in Non Small Cell Lung Cancer Patients and its Pro Variant is Potentially Contributing to Cancer Susceptibility', *J Carcinogene Mutagene*, 4: 138.

BIOCHEMISTRY (UCMS)

Honours/Distinctions

Dr. A.K. Tripathi: Chaired a session and functioned as Judge at 39th Annual Conference of Indian Immunology Society, Institute of Medical Sciences, BHU.

Dr. B.D. Banerjee: Senior Toxicologist Award, ASIO-SOT, USA at San Antonio, Texas, USA, March 2013.

Dr. Dinesh Puri: Chaired a session at 20th Annual Conference of Association of Medical Biochemists of India, Bhubaneswar, 8-10 December 2012.

Dr. J.K. Gambhir: Chairing a Scientific session, Association of Clinical Biochemist of India, 11-14 December 2012.

Dr. S.B. Sharma: Seth GS Medical College & KEM Hospital Oration Award, at 39th ACBICON 2012 on 13 December 2012.

Publications

Research Articles

Singh, S., Kumar, V., Singh, P., Banerjee, B.D., Rautela, R.S., Grover, S.S., Rawat, D.S., Pasha, S.T., Jain, S.K. and Rai, A. 2012. 'Influence of CYP2C9, GSTM1, GSTT1 and NAT2 Genetic Polymorphisms on DNA Damage in Workers Occupationally Exposed to Organophosphate Pesticides'. *Mutation Research*. 741: 101-8.

Mythily, S., Rastogi, 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'. *Pesticide Biochem Biophys*. 102: 91-4.

Nasare, N., Deshmukh, P., Banerjee, B.D., Mediratta, P.K., Ahmed, R.S., Saxena, A.K. and Bhattacharya, S. 2012. 'CYP2D6*4 polymorphism treatment and its clinical impact in patients of post herpetic neuralgia'. *Personalised Medicine*. 9(4): 371-85.

Siddharth, M., Datta, S., Bansal, S., Mustafa, M.D., Banerjee, B.D., Tripathi, A.K. and Kalra, O.P. 2012. 'Study on Organochlorine pesticide levels in chronic kidney disease patients: association with eGFR and oxidative stress'. *J Biochemical & Molecular Toxicology*. 26(6): 241-7.

- Ghosh, T., Mustafa, M.D., Kumar, V., Datta, S.K., Bhatia, M.S., Sabyasachi, S., Basu, D. and Banerjee, B.D. 2012. 'A preliminary study on the influence of glutathione S transferase T1 (GSTT1) as a risk factor for late onset Alzheimer's disease in North Indian population'. *Asian J of Psychiatry*. 5(2): 160-3.
- Khurana, S., Jain, S., Mediratta, P.K., Banerjee, B.D. and Sharma, K.K. 2012. 'Protective role of curcumin on colchicine-induced cognitive dysfunction and oxidative stress in rats'. *Hum. Exp. Toxicol.* 31(7): 686-97.
- Deshmukh, P., Megha, K., Banerjee, B.D., Abegaonkar, M.P., Ahmed, R.S., Tripathi, A.K. and Mediratta, P. 2012. 'Modulation of Heat Shock Protein level and cognitive impairment in Fisher rats exposed to low level microwave radiation'. *Asiatic Journal of Biotechnological Resources*. 03(10): 1391-99.
- Subramaniyaan, M., Jain, S., Yadav, C.S., Arora, V.K., Banerjee, B.D. and Ahmed, R.S. 2012. 'Quinalphos induced oxidative stress and histoarchitectural alterations in adult male albino rats. *Environ. Toxicol. Pharmacol.* 34(3): 673-8.
- Kapoor, D., Bhatia, M.S., Tripathi, A.K., Aggarwal, N.K. and Banerjee, B.D. 2012. 'Serotonergic markers for suicidal behavior'. *Delhi Psychiatry Journal*. 15: 302-7.
- Salimath, B., Raj, H.M., Jain, S., Banerjee, B.D., Ahmed, T. and Arora, V.K. 2013. 'Role of Pesticides in the Induction of Tumor Angiogenesis'. *Anticancer Research*. 33(1): 231-40.
- Bansal, S., Chawla, D., Siddharth, M., Banerjee, B.D., Madhu, S.V. and Tripathi, A.K. 2013. 'A study on serum advanced glycation end products and its association with oxidative stress and paraoxonase activity in type 2 diabetic patients with vascular complications'. *Clin. Biochem*. 46: 109-14.
- Guhathakurta, S., Gulati, K., Jamil, S., Vijayan, V.K., Ray, A. and Banerjee, B.D. 2012. 'Experimental studies on the mast cell stabilizing and bronchorelaxant effects of UNIM-352, a polyherbal unani preparation, with therapeutic potential in bronchial asthma'. *Medicinal Plants*. 3(2): 3-12.
- Banerjee, B.D. and Jain, S. 2012. 'Secondary Cigarette smoke causes DNA damage: Susceptibility for disease development'. *Indian J of pediatrics*. 49(12): 948-9.
- Megha, K., Suryakantrao, P., Banerjee, B.D., Abegaonkar, M.P., Ahmed, R.S., Tripathi, A.K. and Mediratta, P. 2012. 'Microwave radiation induced oxidative stress, cognitive impairment and inflammation in brain of Fisher rats'. *Indian J of Experimental Biology*. 50: 889-96.
- Mustafa, M.D., Banerjee, B.D., Ahmed, R.S., Tripathi, A.K. and Guleria, K. 2013. 'Gene environment interaction in preterm delivery with special reference to organochlorine pesticides'. *Molecular & Human Reproduction*. 19: 35-42.
- Gambhir, J.K., Kalra, O.P., Khaira, A. and Kaur, H. 2013. 'Association between high molecular weight apolipoprotein(a) isoforms and lipoprotein(a) levels in advanced chronic kidney disease and its effect of hemodialysis'. *Indian J Nephrol*. 23: 18-23.

Venkataraman, K., Kannan, A.T., Kalra, O.P., Gambhir, J.K., Sharma, A.K., Sundaram, K.R. and Mohan, V. 2012. 'Diabetes self-efficacy strongly influences actual control of diabetes in patients attending a tertiary hospital in India'. *J Community Health*. 37: 653-62.

Shukla, K., Dikshit, P., Tyagi, M.K., Shukla, R. and Gambhir, J.K. 2012. 'Ameliorative effect of *Withania coagulans* on dyslipidemia and oxidative stress in nicotinamide - streptozotocin induced diabetes mellitus'. *Food Chem Toxicol*. 50: 3595-99.

Shukla, K., Dikshit, P., Shukla, R. and Gambhir, J.K. 2012. 'The aqueous extract of *Withania coagulans* fruit partially reverses nicotinamide/streptozotocin-induced diabetes mellitus in rats'. *J Med Food*. 15: 718-25.

Puri, D., Prabhu, K.M. and Murthy, P.S. 2012. 'Antidiabetic effect of GII compound purified from fenugreek (*Trigonella foenum graecum* Linn) seeds in diabetic rabbits'. *Ind J Clin Biochem*. 27(1): 21-7.

Shukla, S.K., Sharma, S.B., Singh, U.R., Ahmad, S. and Dwivedi, S. 2012. 'Terminalia arjuna augments cardioprotection via antioxidant and antiapoptotic cascade in isoproterenol induced cardiotoxicity in rats'. *Asian pacific journal of Tropical Biomedicine*. 1-7.

Sharma, S.B. and Garg, S. 2012. 'Small and dense LDL: Risk factor for Coronary Artery Disease (CAD) and its therapeutic modulation'. *Indian journal of Biochemistry and Biophysics*. 49: 77-85.

Dikshit, P., Shukla, K., Tyagi, M.K., Garg, P., Gambhir, J.K. and Shukla, R. 2012. 'Antidiabetic and antihyperlipidemic effect of stem of *Musa sapientum* Linn. in streptozotocin-induced diabetic rats'. *J of Diabetes*. 4(4): 378-85.

Malhotra, D., Saxena, A.K., Dar, S.A., Kumar, V., Namita, N., Tripathi, A.K. and Banerjee, B.D. 2012. 'Evaluation of Cytokine Levels in Fibromyalgia Syndrome Patients and its Relationship to the Severity of Chronic Pain'. *Journal of Musculoskeletal Pain*, 20: 164-69.

BIOCHEMISTRY (VPCI)

Publications

Research Articles

Gangopadhyay, S., Vijayan, V.K. and Bansal, S.K. 2012. Lipids of erythrocyte membranes of COPD patients: A quantitative and qualitative study. *COPD* 2012, 9: 322-31.

Shrewastwa, M.K., Yadav, N.K., Rohil, V. and Mittal, R.K. 2012. 'A Study of Oxidative Stress In Premature Rupture of Membrane'. *Journal of epalgunj Medical College*, Vol. 10, No.1, 16.

Mishra, A., Mukherjee, A., Roy, A., Singh, G., Shrestha, P., Singh, R.R., Rohil, V., Baral, N., Majhi, S. and Dash, D. 2012. 'Distribution and ethnic variation of α - thalassemia mutations in Nepal'. *Nepal Med Coll J*, 14(1): 49-52. DOI: PMID: 23441495 (PubMed)

COMMUNITY MEDICINE (MAMC)

Honours/Distinctions

Dr. Jugal Kishore: Chief of Army Staff Award for the best published article titled 'Reverse Transcription Loop Mediated Isothermal Amplification (RT-Lamp) for diagnosis of Dengue' in the field of Pathology and Allied Science for Year 2012.

Publications

Books

Banerjee, B. Edited one book—Health Policies and Programmes in India, by Taneja, D.K. Doctors Publications, Delhi, India. Chapters written—03.

Kumar, S. and Kishore, J. 2012. Inequity in Indian Healthcare: An analysis of women's health. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co. Germany. ISBN -13: 978-3-659-19185-5, ISBN-10: 365919185x, EAN: 9783659191855.

Kishore, J. 2012. Female Feticide: An Instigation of female status. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co. Germany. ISBN-13: 978-3-659-15473-7, ISBN – 10: 3659154733, EAN: 9783659154737.

2012. A Textbook for Health Worker and Midwife. 1st edition, New Delhi: Century Publications, pp. 300.

2013. A Dictionary of Public Health. Ed. 3rd, New Delhi: Century Publications.

Agarwal, N., Kishore, J. and Ingle, G.K. 2012. How to prevent and manage your low back pain: A guide for healthy posture and lifestyle. ISBN 978-3-659-15872-8, Paperback, pp. 80. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co. Germany.

Lata, S., Kishore, J. and Singh, G. 2012. Breastfeeding and College Girls: An exploratory study to assess the knowledge and attitude of College girls regarding breastfeeding. SBN 978-3-8484-9882-6, Paperback. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co. Germany.

Goyal, M., Kohli, C. and Kishore, J. 2012. Effect of Educational Booklet on Depression. ISBN 978-3-659-10276-9. Saarbrücken: LAP LAMBERT Academic Publishing GmbH & Co. Germany.

Kishore, J. and Grewal, I. 2012. Practical and Viva in Community Medicine. (2nd Edition). New Delhi: Century Publications.

Articles

Garg, S., Singh, R. and Grover, M. 2012. 'India's health workforce: Current status and the way forward'. The National Medical Journal of India, 25(2): 111-3.

Rustagi, N., Uppal, Y. and Taneja, D.K. 2012. 'Screening for visual impairment: outcome among school, children in a rural area of Delhi'. Indian J Ophthalmol, 60: 203-6.

- Kaur, R., Mishra, P. and Taneja, D.K. 2012. 'Cardiovascular health promotion in schools of Delhi, India: A baseline evaluation of environment and policies'. *Ann Trop Med Public Health*, 5: 114-8.
- Taneja, D.K. 2012. 'Hib Vaccine: Should it be introduced in the National Immunization Program?' *Indian J Public Health*, 56: 177-79.
- Taneja, D.K. and Sharma, P. 2012. 'Targeting rubella for elimination'. *Indian J Public Health*, 56: 269-72.
- Bhagat, N., Ray, L.A. and Sharma, N. 2012. 'Women's perception about sex selection in an urban slum in Delhi'. *Journal of Reproductive and Infant Psychology*. 30(1): 92-104.
- Mahajan, H., Chaturvedi, M., Lal, P., Saha, R. and Grover, V.L. 2012. 'Urban-Rural Difference in Prevalence of CHD: A Population Based Study'. *Indian Journal of Public Health Research & Development*. 3(2): 53-5.
- Mahajan, H., Dohare, S., Lal. P., Saha, R., Khan, S.M. and Chauhan, H. 'Emerging importance of Coronary Heart Disease Risk factors in India: A Population based Study'. *Indian Journal of Public Health Research & Development* published from NOIDA, UP.
- Garg, A., Singh, M.M., Gupta, V.K., Garg, S., Daga, M.K. and Saha, R. 2012. Prevalence and correlates of tobacco smoking, awareness of hazards, and quitting behavior among persons aged 30 years or above in a resettlement colony of Delhi, India. *Lung India*, 29(4): 336-40.
- Bhat, D.P., Singh, M. and Meena, G.S. 2012. Screening for abuse and mental health problems among illiterate runaway adolescents in an Indian metropolis. *Archives of Disease in Childhood*, 97(11): 947-5.
- Khundongbam, G., Joshi, P.C. and Singh, M.M. 2012. 'Perception of childhood diarrhea in Langmeidong village, Manipur'. *South Asian Anthropologist*, 12(2): 135-40.
- Mohanty, P.K., Kapoor, S., Dubey, A.P., Pandey, S. and Saha, R. 2012. 'Evaluation of C677T polymorphism of the methylenetetrahydrofolatereductase gene and its association with levels of serum homocysteine, folate and vitamin B12 as maternal risk factors for down syndrome'. *Indian Journal of Human Genetics*, 18(3): 1-5.
- Sahni, A.K., Grover, N., Sharma, A., Khan, I.D. and Kishore, J. 2012. 'RT-LAMP for diagnosis of dengue'. *Medical Journal Armed Forces India*.
- Ruchi, G., Kamal., S., Sonam, A. Bodh, S.K., Kishore, J., Malik, K.P.S., Singh, M. and Bansal, S. Lower eyelid suspension using polypropylene suture for the correction of punctal ectropion *Journal of Cranio-Maxillo-Facial Surgery*.
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- Kishore, J., Goel, S., Ingle, G.K., Gupta, V.K. and Agarwal, A.K. 2012. 'Establishment of Human Influenza H1N1 Helplines in New Delhi: Medical Interns' Perspective. *Research & Review: Journal of Medicine*, 2(2): 6-11.
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- Kishore, J. 2012. 'Health Promotion and legislation in India'. *Review of Global Medicine and Healthcare Research*, 3(2): 75-89.
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- Kaur, R. and Kishore, J. 2012. 'Immunization in Geriatric Population of India: A Critical review'. *Research and review: A Journal of Immunology*, 2(1).
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- Srivastav, V. and Kishore, J. 2012. *Social Marketing in Public Health*. *Research and Review: A Journal of Health Professions*, 2(1): 17-27.
- Kishore, J., Rojha, R.B., Routray, D. and Basandra, S. 2012. *Awareness about Environmental Health among Nursing Personnel in Delhi*. *JoNSP*, 2(1).
- Soyam, G.G., Das, K., Anand, T., Kishore, J. and Soyam, V.C. 2012. *Improving Knowledge Regarding Universal Precautions amongst Nurses in Delhi*. *JoNSP*, 2(1).
- Lata, S., Kishore, J., Barnabas, S. and Victor, B. 2012. *Knowledge and Attitude Regarding Breastfeeding among College Girls of a Selected College of Ludhiana*. *JoNSP* 2012, 2(1).
- Kishore, J. and Buddha, G. 2012. 'The First Health scientist in History'. *The Comet of Majjima*, 1: 148-51.
- Goel, R., Kamal, S., Kumar, S., Kishore, J., Malik, K.P.S., Bodh, S.A., Bansal, S. and Singh, M. 2012. 'Feasibility and complications between phacoemulsification and manual small incision surgery in subluxated cataract.' *Journal of Ophthalmology*, 1-7.

CARDIOLOGY (MAMC)

Publications

Tyagi, S., Girish, M.P. and Gupta, M.D. 2013. Endovascular revascularization of bald aortic arch for severe cerebral ischemia. *Catheter Cardiovasc Interv.*

Gupta, M.D., Girish, M.P., Subhendu, M.S. and Tyagi, S. 2013. 'Percutaneous coronary intervention of all three coronary arteries originating from single coronary artery arising from the right sinus'. *Cardiovasc Interv Ther.*

Girish, M.P., Gupta, M.D. and Tyagi, S. 2012. 'Guide catheter suction with novel double wire technique for successful management of large thrombus in occluded right coronary artery'. *J Invasive Cardiol.* 24(3): 141-3.

Trehan, V.K., Jain, G., Pandit, B.N. and Kathuria, S. 2013. 'Retrieving a deformed stent during transradial intervention: An alternative femoral approach using guide catheter shortening'. *Indian Heart J.* 65(3): 323-6.

Jain, G., Pandit, B.N., Goyal, M. and Trehan, V.K. 2013. 'Percutaneous retrograde revascularization of the occluded celiac artery for chronic mesenteric ischemia using intravascular ultrasound guidance'. *Cardiovasc Interv Ther.*

Jain, G., Kathuria, S., Nigam, A. and Trehan, V.K. 2013. 'Transcatheter embolization of a giant pancreatic pseudoaneurysm: A tale of two bleeds and one thrombus!'. *Indian Heart J.* 65(1): 91-4.

Yusuf, J., Agrawal, D.K., Mukhopadhyay, S., Mehta, V., Trehan, V. and Tyagi, S. 2013. 'Fragmented narrow QRS complex: Predictor of left ventricular dyssynchrony in non-ischemic dilated cardiomyopathy'. *Indian Heart J.* 65(2): 172-9.

Mukhopadhyay, S., Varma, S., Gade, S., Yusuf, J., Trehan, V. and Tyagi, S. 2013. 'Regulatory T-cell deficiency in rheumatic heart disease: a preliminary observational study'. *J Heart Valve Dis.* 22(1): 118-25.

Jain, G., Mukhopadhyay, S., Kurien, S., Yusuf, J., Tyagi, S. and Jain, R. 2012. 'Ruptured cardiac angiosarcoma with pulmonary metastases: a rare disease with a common (mis) diagnosis!'. *Indian Heart J.* 64(6): 603-6.

Sugunaraj, J.P., Mehta, V., Kalra, A., Sukhija, R. and Palaniswamy, C. 2012. Protease-activated receptor-1 antagonists: focus on SCH 530348. *Am J. Ther.*, 19(6): 465-9.

Puri, S., Mehta, V., Ahmed, F., Banerjee, A., Yusuf, J., Mukhopadhyay, S. and Tyagi, S. 2013. 'Correlation of early functional capacity with biventricular function and residual pulmonary artery hypertension following mitral valve replacement surgery'. *J Cardiopulm Rehabil Prev.*, 33(4): 244-8.

Abstracts

2012. 'Association Between Endothelial Nitric Oxide Synthase (eNOS) Gene Polymorphism (Glu298Asp) And Nitric Oxide (NO) Levels In Patients With Coronary Slow Flow Phenomenon(CSFP) In North Indian Population'. *Indian Heart Journal.*

2012. 'Apo B/ApoA-1 Ratio Is a better marker for Stable Atherosclerosis than for Myocardial Infarction'. Indian Heart Journal.

2012. 'Association Between Endothelial Nitric Oxide Synthase (eNOS) Gene Polymorphism (Glu298asp) And Nitric Oxide(NO) Levels In Patients With Acute Coronary Syndrome and Premature CAD'. Indian Heart Journal.

2012. 'To evaluate the clinical impact of a multimarker risk stratification approach on cardiovascular outcomes in stable coronary artery disease patients undergoing elective percutaneous coronary intervention'. Indian Heart Journal.

2012. 'Heart failure in children with Takayasu's arteritis: Early & Long term improvement after endovascular treatment'. Indian Heart Journal.

2012. 'Prevalence of cirrhotic cardiomyopathy and its correlation with serum BNP and Troponin levels'. Indian Heart Journal.

Govil, A.K., Mittal, A., Kurien, S., Gupta, M.D., Girish, M.P. and Tyagi, S. 'Percutaneous Interventions in takayasu's Arteritis-New insights with Intravascular Ultrasound Imaging'. India Heart J.

DERMATOLOGY & STD (MAMC)

Honours/Distinctions

Dr. Rashmi Sarkar: Received the prestigious Career and Community Development Award from Women's Dermatologic Society to do a Visiting Fellowship in Pediatric Dermatology at UCSF, San Fransisco, USA.

Nominated Chairperson, International Affairs Committee, Women's Dermatologic Society (USA).

Nominated as a Board of Director, Skin of Color Society (USA).

2012. National Joint Secretary, Indian Association of Dermatology, Venereology and Leprology (IADV), 2012.

Publications

Singh, C., Tripathi, R., Sardana, K. and Mala, Y.M. 2013. 'Primary amenorrhoea due to a rare cause: epidermolysis bullosa causing haematometra'. BMJ Case Rep.

Sardana, K., Goel, K. and Chugh, S. 2013. 'Reticulate pigmentary disorders'. Indian J Dermatol Venereol Leprol. 79(1): 17-29.

Sardana, K., Arora, P., Khurana, N. and Chugh, S. 2012. 'Congenital follicular melanocytic naevi': a more appropriate term for spotted grouped pigmented naevi. Clin Exp Dermatol., 37(8): 871-3.

Sardana, K., Garg, V.K., Arora, P. and Khurana, N. 2012. 'Histological validity and clinical evidence for use of fractional lasers for acne scars'. J Cutan Aesthet Surg., 5(2): 75-90.

Sardana, K., Garg, V.K. and Agarwal, P. 2013. 'Is there an emergent need to modify the desmoglein compensation theory in pemphigus on the basis of Dsg ELISA data and alternative pathogenic mechanisms?' Br J Dermatol., 168(3): 669-74.

- Sardana, K., Arora, P. and Mishra, D. 2012. Follicular eczema: a commonly misdiagnosed dermatosis. *Indian Pediatr.*, 49(7): 599. PubMed PMID: 22885452.
- Sinha, S., Sardana, K. and Garg, V.K. 2012. 'Coexistence of two atypical variants of pityriasis osea: a case report and review of literature'. *Pediatr Dermatol.* 29(4): 538-40.
- Sarkar, R., Mishra, K. and Garg, V.K. 2012. 'Fever with rash in a child in India'. *Indian J Dermatol Venereol Leprol.*, 78(3): 251-62.
- Sarkar, R., Chugh, S. and Garg, V.K. 2012. 'Newer and upcoming therapies for melasma'. *Indian J Dermatol Venereol Leprol.*: 78(4): 417-28.
- Arora, P., Sarkar, R., Garg, V.K. and Arya, L. 2012. 'Lasers for treatment of melasma and post-inflammatory hyperpigmentation'. *J Cutan Aesthet Surg.*, 5(2): 93-103.
- Sarkar, R. 2012. 'Idiopathic cutaneous hyperchromia at the orbital region or periorbital hyperpigmentation'. *J Cutan Aesthet Surg.*, 5(3): 183-4.
- Sarkar, R., Sharad, J. and Vedamurthy, M. 2012. 'Chemical peels and fillers-incorporating scientific evidence in clinical practice'. *J Cutan Aesthet Surg.* 5(4): 227-8.
- Sarkar, R., Bansal, S. and Garg, V.K. 2012. 'Chemical peels for melasma in dark-skinned patients'. *J Cutan Aesthet Surg.* 5(4): 247-53.
- Keisham, C., Sarkar, R., Garg, V.K. and Chugh, S. 2013. 'Ashy dermatosis in an 8-year-old Indian child'. *Indian Dermatol Online J.* 4(1): 30-2.
- Chugh, S., Sarkar, R., Garg, V.K., Singh, A. and Keisham, C. 2013. 'Multifocal fixed drug eruption with COX-2 inhibitor-celecoxib'. *Indian J Dermatol*, 58: 142-4.
- Sinha, S., Sardana, K. and Garg, V.K. 2013. 'Photoletter to the editor: Disseminated histoplasmosis with initial oral manifestations'. *J Dermatol Case Rep.*, 7(1): 25-6.
- Sardana, K., Chugh, S. and Garg, V.K. 2013. 'Focal acral hyperkeratosis'. *Indian Pediatr.*
- Chukh, S., Barman, K.D., Goel, K. and Garg, V.K. Masquerading leprosy nerve abscess misdiagnosed as tubercular lymphadenitis and neuroma. *Lepr rev.*

MEDICINE (UCMS)

Publications

Books

Goel, A. ICU Manual, Paras Medical Publisher, 3rd Edition.

Research Articles

Agarwal, M.P., Giri, S., Gandhi, V., Sharma, A., Gupta, R. and Sharma, V. 2012. 'Education and Imaging Gastrointestinal: A cutaneous clue to painless acute on chronic pancreatitis'. *J Gastroenterol Hepatol.* 27: 842.

- Agarwal, M.P., Sahu, A.K. and Avasthi, R. 2012. Assessment of knowledge regarding modifiable cardiovascular risk factors in patients of acute coronary syndrome. *Indian Heart Journal Suppl 1*, S116.
- Aggarwal, A., Agarwal, S., Sarkar, P.G. and Sharma, V. 2012. 'A single center retrospective case control study to analyze predisposing factors to premature coronary artery disease in young (age > 45 years) smokers'. *Indian Heart Journal*, 64: S112.
- Aggarwal, A., Aggarwal, S. and Sharma, V. 2012. 'Temporal trends of cardiovascular risk factors in young CAD patients in a tertiary care hospital, 2000-2010: a single centre retrospective study'. *Indian Heart Journal*, 64: S122.
- Pruthi, S., Goel, A. and Aggarwal, A. 2013. Disaster Management in India: The Road Ahead. *Prehospital and Disaster Medicine*, doi:10.1017/S1049023X12001616.
- Aggarwal, A., Aggarwal, S., Goel, A., Sharma, V. and Dwivedi, S. 2012. 'A retrospective case-control study of modifiable risk factors and cutaneous markers in Indian patients with young coronary artery disease'. *J R Soc Med Cardiovasc Dis*, 1: 1-8.
- Dwivedi, S., Aggarwal, A., Singh, S. and Sharma, V. 2012. 'Familial Xanthelasma with Dyslipidemia: Just Another Family Trait?'. *North Am J Med Sci*, 4: 238-40.
- Dwivedi, S., Aggarwal, A. and Dev, M. 2012. 'All in the Name of Flavour, Fragrance and Freshness: Deceptive Marketing for Smokeless Tobacco Preparations in and around a tertiary hospital in India'. *Indian Journal Medical Research*, 136: 836-41.
- Avasthi, R., Yatish, G.C., Agarwal, M.P. and Sharma, S.B. 2013. 'Effect of Telmisartan on Endothelial function and metabolic profile in stage I hypertensive patients'. *JAPI*, 61: 32.
- Anand, P., Avasthi, R., Sharma, S.B., Mehrotra, G. and Agarwal, M.P. 2013. 'Effect of atorvastatin on insulin resistance and endothelial function in hypercholesterolemic subject – Randomized placebo controlled double blind study'. *JAPI*, 61: 33.
- Avasthi, R., Berry, N., Mehrotra, G., Sharma, S.B. and Agarwal, M.P. 2013. 'Effect of high intensity statin therapy on lipid profile and atherogenic particles in Indian Patients of acute coronary syndrome'. *JAPI*, 61: 54.
- Dwivedi, S. and Jhamb, R. 2012. 'Pleomorphic Xanthomatous Lesions and CAD in a Family'. *J Blood Disord Transfus*, 3: 115. doi:10.4172/2155-9864.1000115.
- Dwivedi, S. and Narang, S. 2012. Exercise and Yoga in Health and Disease. In *API Textbook of Medicine*. 9th edition, 2061-2062.
- Raizada, A., Kalra, O.P., Khaira, A. and Yadav, A. 2012. 'Profile of hospital admissions following acute poisoning from a major teaching hospital in North India'. *Trop Doct*, 42: 70-3.
- Gupta, N., Sahu, S., Wadhwa, N. and Giri, S. 2012. HIV-1 Infection and Erythroleukemia: A Rare Association *J AIDS Clinic Res*, 3: 5.
- Verma, A.K. 2012. 'Chaudhari S. Improving adherence in patients with inhaler therapy: Introduction to a novel scoring system'. *The Ind J of Chest Ds & Allied Sci.*, 54 suppl.

OBSTETRICS & GYNAECOLOGY (UCMS)

Honours/Distinctions

Dr. Gami N.: Fellowship of International College of laparoscopic surgeons on November 2012.

Seminars/Conferences attended

Dr. D. Choudhary: 11th World congress and 19th Indian Congress on Reproductive and Child Health, NARCHI, New Delhi in 15-16 September 2012.

Dr. S. Rajaram: 3rd National Conference of AOGIN- India, Chennai, in 2-4 November 2012.

Association of Gynecologic Oncologists of India Conference, Mumbai, 30 November-2 December 2012.

34th Annual Conference of Association of Obstetricians & Gynaecologists of Delhi, 17-18 November 2012.

Dr. N.B. Vaid: Chaired a session on 'Uro Gynaecology' in Annual Conference of North Zone AICC RCOG, UK at Indrapastha Apollo Hospital, New Delhi, September 2012.

Publications

Research Articles

Agarwal, R., Khatuja, R., Sharma, L. and Singh, A. 2012. Placental mesenchymal dysplasia: a case report. *Case Rep Obstet Gynecol*. The true incidence of placental mesenchymal dysplasia. 012:202797.

Agarwal, R. and Khatuja, R. 2012. *Acta Obstet Gynecol Scand*, 91: 1126.

Aggarwal, R., Suneja, A., Vaid, N.B., Yadav, P., Sharma, A. and Mishra, K. 'Morbidly Adherent Placenta: A Critical Review'. *J Obstet Gynecol India*, 62(1): 77-81.

Bansal, S., Guleria, K. and Agarwal, N. 2012. 'Evaluation of Sacral Rhomboid Dimensions to Predict Contracted Pelvis: A Pilot Study of Indian Primigravidae'. *The Journal of Obstetrics and Gynecology of India: Vol. 61, Issue 5, 523-27, DOI:10.1007/s13224-011-0078-80*.

Goel, G., Banerjee, B.D., Pathak, R., Guleria, K., Radhakrishnan, G., Radhika, A.G., Vaid, N.B. 2012. 'Assessment of Redox Imbalance in Idiopathic Fetal Growth Restricted Pregnancies'. *Reprod Sys Sexual Disorders*, 1: 4 doi: 10.4172/2161-038X.1000112.

Goel, N., Malik, R., Rathi, B., Bhaskaran, S., Rajaram, S., Mehta, S. and Agarwal, N. 2013. 'Pregnancy with Metastatic Gastrointestinal Stromal Tumor (GIST) on Imatinib Chemotherapy: an Oncologist's Nightmare and Obstetrician's Dilemma'. *Journal of Gastrointestinal Cancer*, 44(1): 115-17.

Guleria, K., Gupta, B., Agarwal, S., Suneja, A., Vaid, N. and Jain, S. 2013. 'Abnormally invasive placenta: changing trends in diagnosis and management'. *Acta Obstet Gynecol Scand*, DOI: 10.1111/ aogs.12083.

Gupta, N., Rajaram, S. and Mehta, S. 2012. 'Obstetric Anal Sphinter Injury: A clinical Audit'. *BJOG*, 119: 1152.

- Jain, S., Rajaram, S., Goel, N. and Vaid, N.B. 2012. 'Degloving injury of small bowel: a rare complication of septic induced abortion'. *Indian Obstetrics and Gynaecology*, 2(3): 22-3.
- Jain, S., Suneja, A. and Rasalkar, D. 2012. 'Leiomyoma in the space of Retzius: a case report'. *Anatol J Obstet Gynecol*, 2-3.
- Khatuja, R., Mehta, S., Rajaram, S. and Goel, G. 2012. 'Role of laparoscopy in infertility: revisited'. *European Journal of Obstetrics & Gynecology and Reproductive Biology*, 164: 118-19.
- Mehta, S., Singla, A. and Rajaram, S. 2012. 'Prognostic factors for fulminant viral hepatitis in pregnancy'. *Int J Gynaecol Obstet*. 118: 72.
- Rajaram, S., Malik, R., Agarwal, S. and Suneja, A. 2013. 'The role of hospital-based cancer registries in low and middle income countries—Indian statistics'. *Cancer Epidemiol*. 37: e7.
- Sharma, L., Mehta, S., Rajaram, S., Agarwal, R., Gupta, S. and Goel, N. et al. 2012. 'Postpartum Peripheral Symmetrical Gangrene: A Case Report'. *J Reprod Infertil*. 13(2): 117-19.

PHARMACOLOGY (MAMC)

Seminars/Conferences attended

Dr. Vandana Roy: Participated in Asia Pacific Conference on National medicine Policies-better health through national medicine Policies, 26-29 May 2012.

Participated in the 6th HEAL Conference on Universal Health: Dream or reality, FICCI, New Delhi, 27-29 August 2012.

Dr. Shalini Chawla: International Conference of Pharmacoeconomics and Outcomes Research at India Habitat Centre, New Delhi, 23 November 2012.

Publications

Research Articles

Agarwal, M. and Roy, V. 2012. 'Fairness creams in the Indian market'. *Indian Journal of Clinical Practice*, 22(12): 605-64.

Bhagat, S., Agarwal, M. and Roy, V. 2013. 'Serratiopeptidase: Systematic review of the existing evidence'. *International Journal of Surgery*, online publication.

Chawla, S., Kaushik, N., Singh, N.P., Ghosh, R.K. and Saxena, A. 2013. 'Effect of addition of either sitagliptin or pioglitazone in patients with uncontrolled type 2 diabetes mellitus on metformin: a randomized controlled trial'. *J of Pharmacology and Pharmacotherapeutics*, 4(1): 27-32.

Chugh, P.K., Gupta, M., Agarwal, M. and Tekur, U. 2013. 'Etoricoxib Attenuates Effect of Antihypertensives in a Rodent Model of DOCA-Salt Induced Hypertension'. *Clinical and Experimental Hypertension*, Early Online: 1-6.

Chugh, P.K. and Kalra, B.S. 2013. 'Belimumab: targeted therapy for lupus'. *International Journal of Rheumatic Diseases*, 16: 4-13 (published online).

Gosh, R.K., Ghosh, S.M., Chawla, S. and Jasdanwala, S.A. 2012. 'SGLT2 Inhibitors: A new emerging therapeutic class in the treatment of Type 2 diabetes mellitus'. *J of Clinical Pharmacology*, 52: 457-63.

Rangari, G., Roy, V., Sethi, G.S., Mishra, T.K., Kumar, A. and Tekur, U. 2012. 'INH concentrations in children at doses administered under the revised national tuberculosis control programme'. *Indian Journal of Pharmacology*. 44: Supplement S 180 (Abstract)

Roy, V., Gupta, U. and Agarwal, A.K. 2012. 'Costs of medicines and their affordability in private health facilities in Delhi (India)'. *Indian Journal of Medical Research*. 136: 189-97.

Navjot, K. and Roy, V. 2012. Ecopharmacovigilance: need of the hour. 2nd International and 4th National Conference of (ISRPT)- 2012. RG Kar Medical College, Kolkata.

Roy, V., Gupta, U. and Agarwal, A. 2012. Impact of an essential medicines program on rational use of medicines in public health facilities in Delhi (India). Abstract book: Asia Pacific Conference on National Medicines Policies- Better health through National medicine Policies, 62: Sydney.

2012. Prescribing practices in private health facilities in Delhi (India). Abstract book. Asia Pacific Conference on National medicine.

Roy, V. 2012. Improving access to low cost, quality medicines: implementation of a drug policy based on the essential medicine concept in public health facilities in Delhi (India). Abstract book: Asia Pacific Conference on National medicine Policies- Better health through National Medicines Policies, 61: Sydney.

Roy, V., Dharamshaktu, D.M. and Hadke, N. 2012. Surveillance of antimicrobial use among inpatients in a tertiary care teaching hospital in New Delhi, India: assessing need for policy development. Abstract book: Asia Pacific Conference on National medicine Policies-Better health through National medicine Policies, 62: Sydney.

2012. Economic analysis of expenditure on antimicrobial medicines in a public sector, tertiary care, teaching hospital in New Delhi (India): assessing need for policy development. Abstract book: Asia Pacific Conference on National Medicine Policies--Better health through National Medicine Policies, 63: Sydney.

Tekur, U. and Kalra, B.S. 2012. 'Monitoring interventional programme of drug utilization in a health facility of Delhi'. *Indian J Med Res*, 135: 675-77.

PATHOLOGY (UCMS)

Honours/Distinctions

Dr. Neelam Wadhwa: Best Oral Presentation Award 'Diagnostic Utility of Neutrophil CD64 in Neonatal Sepsis. 23rd Annual Conference, Delhi Society of Haematology, 2012.

Seminars/Conferences attended

Dr. Meera Sikka and Dr. Usha Rani Singh: 53rd Annual Conference of Indian Society of Hematology & Blood Transfusion at Puri, Odhisa. 23rd Annual Conference, DSH, 9-11 November 2012.

Dr. Neelam Wadhwa: XVIII Indo-US International CME in cytology, hematology, surgical & molecular pathology, JIPMER, Puducherry, 1-3 February 2013.

Publications

Books

Sikka, M. Tumors of lymphoid tissue in De Gruchy's Clinical Hematology.

Rusia, U. Non-malignant disorders of white cells. Neutropenia, infections, mononucleosis in De Gruchy's Clinical Hematology. Publishers: WileyBlackwell, India.

Research Articles

Madan, N., Sikka, M., Sharma, S. and Rusia, U. 2012. 'Prevalence of iron deficiency in thalassemia minor'. Indian Journal of Hematology and Transfusion Medicine.

Mingma, S., Satendra, S. and Rajnish, A. 2012. 'Thrombophilic molecular markers in young patients (<40 years) with coronary artery disease'. Ind J of Pathol & Microbiol, 55:343-46.

Bharathi, S.P., Raj, H.M., Jain, S., Banerjee, B.D., Ahmed, T. and Arora, V.K. 2013. Role of pesticides in the induction of tumor angiogenesis Anticancer Res. 33(1): 231-40.

Subramanayan, M., Jain, S., Yadav, C., Arora, V.K., Banerjee, B.D. and Ahmed, R.S. 2012. Quinalphos induced oxidative stress and histoarchitectural alterations in adult male albino rats Environ Toxicol Pharmacol. 34(3): 673-8. doi: 10.1016/j.etap.2012.10.003. Epub Oct 18.

Srivastava, R., Arora, V.K., Aggarwal, S., Bhatia, A., Singh, N. and Agrawal, V. 2013. Cytokeratin-20 immunocytochemistry in voided urine cytology and its comparison with nuclear matrix protein-22 and urine cytology in the detection of urothelial carcinoma Diagn Cytopathol., 40(9): 755-9.

Srivastava, R., Aggarwal, S. and Arora, V.K. 2012. 'Cutaneous malakoplakia: diagnosed cytologically'. Indian J Pathol Microbiol. 55(2): 257-8. doi: 10.4103/0377-4929.97900.

Gandhi, A., Aggarwal, S. and Arora, V.K. 2012. 'Diagnostic usefulness of fragments of crushed cells in autoimmune thyroiditis'. Diagn Cytopathol., 40 Suppl 1: E38-42. doi: 10.1002/dc.21572.

Chatterjee, P., Mathur, S.R., Dinda, A.K., Guleria, S., Mahajan, S., Iyer, V.K. and Arora, V.K. 2012. 'Analysis of urine sediment for cytology and antigen expression in acute renal allograft rejection: an alternative to renal biopsy'. Am J Clin Pathol., 137(5): 816-24. doi: 10.1309/AJCPQFZ0GELH5ZPN.

Garg, M.M. and Arora, V.K. 2012. 'Clear cell adenosquamous carcinoma of the cervix: a case report with discussion of the differential diagnosis'. Int J Gynecol Pathol., 31(3): 294-6. doi: 10.1097/PGP.0b013e31823b6f37.

Gupta, A., Noba, A.L., Gupta, S., Arora, V.K., Rathi, V. and Kumar, S. 2012. 'Papillary cystadenocarcinoma of ovary presenting as obstructive jaundice: a rare presentation'. Oman Med. J., 27(2): 159-60. doi: 10.5001/omj.2012.32

- Singh, N. 2012. 'Whither medical humanities'? *Indian J Med Ethics*. 9(3): 166-9.
- Sehgal, V.N., Sehgal, S., Verma, P., Singh, N. and Rasool, F. 2012. Exclusive plaque psoriasis of the lips: efficacy of combination therapy of topical tacrolimus, calcipotriol and betamethasone dipropionate. *Skinmed.*,19(3): 183-4.
- Sehgal, V.N., Verma, P. and Sharma, S. 2012. 'An asymptomatic, progressive, ulcerative nodule over the antero-lateral aspect of left upper arm'. *Clinical and Experimental Dermatology*, 37(6): 695-7.
- Sehgal, V.N., Verma, P., Bhattacharya, S.N. and Sharma, S. 2012. Familial Reactive Perforating Collagenosis in a Child: Response to Narrow-Band UVB. *Pediatr Dermatol*. Apr 4. [Epub ahead of print].
- Malhotra, K.P. and Sharma, S. 2012. 'Urine Cytology in Paroxysmal Nocturnal Hemoglobinuria'. *Diagn Cytopathol*. 40(9): 804-5.
- Verma, P. and Sharma, S. 2012. 'Idiopathic bullous Wells syndrome (eosinophilic cellulitis) responsive to antihistamines: proposal for a step ladder treatment approach'. *Indian J Dermatol Venereol*, 78(3): 378-80.
- Dhawan, A.K., Verma, P., Singal, A. and Sharma, S. 2012. 'Squamous cell carcinoma complicating vitiligo in an Indian man'. *Journal of Cutaneous and Aesthetic Surgery*. 5(1): 36-7.
- Goyal, A., Rastogi, S., Singh, P.P. and Sharma, S. 2012. 'Aneurysmal bone cyst at the base of the skull'. *Ear Nose Throat J.*, 91(5): E7-9.
- Sharma, R., Singal, A., Verma, P., Rohatgi, J. and Sharma, S. 2012. 'Epidermal nevus syndrome associated with unusual neurological, ocular, and skeletal features'. *Indian J Dermatol Venereol*, 78(4): 480-3.
- Gandhi, A., Mahajan, G. and Sharma, S. 2012. 'Chondroid Lipoma mimicking pleomorphic adenoma on cytology'. *Diagnostic Cytopathology*, 19. doi: 10.1002/dc.22880.
- Pandhi, D., Verma, P. and Sharma, S. 2012. 'Atypical lupus erythematosus panniculitis progressing to ANA-negative systemic lupus erythematosus'. *Journal of Cutaneous Medicine & Surgery*, 16(5): 361-4.
- Pandhi, D., Verma, P., Sharma, S. and Dhawan, A.K. 2012. 'Borderline-lepromatous leprosy manifesting as granulomatous mastitis'. *Lepr Rev.*, 83(2): 202-4.
- Rajput, R., Khanna, M., Kumar, P., Kumar, B., Sharma, S., Gupta, N. and Saxena, L. 2012. 'Small Interfering RNA Targeting the Nonstructural Gene 1 Transcript Inhibits Influenza A Virus Replication in Experimental Mice'. *Nucleic Acid Ther.*, 22(6): 414-22.
- Verma, P., Sharma, R. and Sharma, S. 2012. 'Congenital lichenoid porokeratosis'. *Indian J Dermatol Venereol*, 78(6): 750-2.
- Verma, P. and Sharma, S. 2012. 'Leukemia cutis manifesting umbilicated cutaneous lesions'. *Indian J Dermatol Venereol*, 78(6): 752-4.

- Sharma, R. and Sharma, S. 2012. 'Proliferating trichilemmal tumor of scalp: Benign or malignant: a dilemma'. *Journal of Cutaneous and Aesthetic Surgery*, 5(3): 213-5.
- Srivastava, V., Khanna, M., Sharma, S. and Kumar, B. 2012. 'Resolution of immune response by recombinant transforming growth factor-beta (rTGF- β) during influenza A virus infection'. *Indian J. Med Res.*, 136(4): 641-8.
- Soni, S., Wadhwa, N., Kumar, R., Faridi, MMA., Sharma, S., Chopra, A. and Singh, S. 2013. 'Evaluation of CD64 expression on neutrophils as an early indicator of neonatal sepsis'. *Pediatr Infect Dis J.*, 32: e33-7.
- Gupta, N., Sahu, S., Wadhwa, N. and Giri, S. 2012. HIV-1 infection and erythroleukemia: a rare association. *J AIDS Clin Res*, 3: 155.
- Soni, S., Wadhwa, N., Kumar, R. and Faridi, MMA. 2012. 'Use of I:T ratio in early neonatal sepsis'. *Pediatr Infect Dis J.*, 31: 1101-2.
- Gupta, A., Jain, J., Kumar, A., Kumar, S. and Wadhwa, N. 2012. 'Triple negative breast cancer – an overview and review of literature'. *Asian J of Med Sci*, 3: 16-20.
- Afrose, R., Nebhnani, D. and Wadhwa, N. 2012. 'Cutaneous myeloid sarcoma of penile foreskin'. *Turk Patoloji Derg.*
- Goyal, N. and Khurana, N. 2012. 'Acute Jejunal Gangrene with perforation due to *Ascaris lumbricoides*'. *Tropical Gastroenterology*, 33(1): 85-6.

PAEDODONTICS AND PREVENTIVE DENTISTRY (UCMS)

Honours/Distinctions

Dr. Namita Kalra: Best Doctor Award—GTB Hospital in July 2012.

Publications

Research Articles

- Bhatia, N.K., Bhatia, M.S., Grewal, H. and Kalra, N. 2012. 'A typical Facial Pain and Depression'. *Delhi Psychiatry Journal*, 15(1): 219-20.
- Kapoor, P. and Kalra, N. 2012. 'A Retrospective analysis of maxillofacial injuries in Patient reporting to a tertiary care hospital in East Delhi', *International Journal of Critical Illness and Injury Science*, Vol. 2, Issue 1.
- Kaur, N., Bhatia, M.S., Bhatia, N.K., Grewal, H. and Kalra, N. 2012. 'A typical Facial Pain and Depression'. *Delhi Psychiatry Journal*, 15(1): 219-20.
- Tyagi, R., Khatri, A., Kalra, N., Mishra, S. and Tyagi, N. 2012. 'Natal & Neonatal Teeth - Treatment A dilemma?' *Asian J Pharm Hea Sci* . Vol. 2.

UNIVERSITY COLLEGE OF MEDICAL SCIENCES

ANATOMY

Honours/Distinctions

Dr. Kalra S.: Fellowship awarded of International Medical Sciences Academy (FIMSA) on October 2012.

Seminars/Conferences attended

Dr. V. Bharihoke, Dr. R. Chauhan, Dr. J. Khanna and Dr. M. Nagar: 16th National Conference of Anatomical Society of India at SMS Medical College, Cuttack, Odisha, 27-29 December 2012.

Publications

Research Article

Bharhoke, V. 2013. 'Effect of Sympathetic Ganglionectomy on the Pineal Gland in Rhesus Monkey'. IOSR-JDMS. 5(1): 8-12.

Chauhan, R. and Khanna, J. 2013. 'Meningo-orbital foramen in the lateral orbital wall-topographical Anatomy and Clinical Relevance'. International Journal of Scientific Research. Vol. II., Issue 4: pp. 268-70.

Goswami, P., Bharhoke, V. and Khanna, J. 2013. 'Effects of Losartan on the mucous glands of the trachea in the albino rat- a histomorphometric study'. International Journal of Pharmaceutical Science Invention, Vol. 2, Issue 3, 17-22.

Kalra, S. and Chauhan, P. 2012. 'A rare formation of Median Nerve associated with Three Headed Biceps Brachii'. J. Morphological Sciences. 29(2): 117-19.

Ralte, S., Khatri, K. and Nagar, M. 2012. 'Histomorphometric Effect of Zolendronate, a Third Generation Bisphosphonate on Trabeculae of Growing Bone of Tibia in Albino Rat – Short Term Study'. J. Anat. Soc. of India. Vol. 61(1): 94.

Rustagi, S.M. and Bharhoke, V. 2013. 'Histomorphometric Study of Intracranial Internal Carotid Artery in Man'. Eur. J. Anat., 17(1): 1-8.

Singh, A., Khanna, J. and Bharhoke, V. 2013. 'Trochlear Nerve Nucleus in Albino rat'. IOSR Journal of Dental and Medical Sciences, Vol. X, Issue X, pp. 1-4.

Singh, A. and Nagar, M. 2013. 'An Osteometric Analysis of Adult Human Femurs'. Ind. J. Forensic Medicine & Toxicology. 17(1): 21-4.

Tomar, V. and Wadhwa, S. 2012. Asymmetric Bilateral Variations in the Musculocutaneous and Median Nerves with High Branching of brachial Artery. Acta Medica (Hradec Kralove), 55(4): 189-92.

Wadhwa, S. and Bharhoke, V. 2012. 'Viva Voce Revisited'. J. Anat. Soc. India. 61(1): 134.

ANAESTHESIOLOGY & CRITICAL CARE

Honours/Distinctions

Dr. Z. Ahmed: KOP's award (trauma & critical care) at National Conference of ISA at Indore, 29 December 2012.

Dr. S. Bansal: KOP's award (Pain) at National Conference of ISA at Indore, 29 December 2012.

Dr. L. Kavitha: TN Jha award for best research paper presentation on a national basis, Annual National Conference of ISA, 29 December 2012.

Dr. S. Majhi: 3rd prize in E-poster presentation at National Conference of ISA, Indore, 29 December 2012.

Dr. S. Saini: 3rd prize for research presentation entitled 'Use of proseal in patients undergoing LSCS' in 7th National Obstetric Conference, Delhi, 9 September 2012.

Dr. A.K. Sethi: 'Dr. Pritam Singh Memorial Oration' – delivered the oration on 'Perception of Difficult Airway in today's anaesthetic practice: Need for Change!', 13th North Zone ISACON-2012, Chandigarh, 13 October 2012.

Seminars/Conferences attended

Dr. S. Ahuja, Dr. S. Chaudhary, Dr. A.K. Sethi and Dr. A. Tyagi: 60th Annual National Conference of Indian society of Anaesthesiologists, Indore, 26-29 December 2012.

Dr. S. Kumar, Dr. S. Ahuja, Dr. S. Chaudhary, Dr. R. Salhotra and Dr. A.K. Sethi: 51st Annual Conference of ISA, Delhi Chapter, 7-8 April 2012.

Dr. R. Salhotra, Dr. S. Ahuja and Dr. A. Tyagi: 5th National Conference of the Association of Obstetric Anaesthesiologists, Delhi, 7-9 September 2012.

Dr. A. Tyagi: 4th National Conference of ICA, Ludhiana, 24-25 November 2012.

Dr. M. Mohta: Annual Conference of Indian Society of Anaesthesiologists, Delhi Chapter on 7-8 April 2012.

Dr. A. Tyagi, Dr. R. Wadhwa, Dr. A.K. Sethi and Dr. S. Chaudhary: 13th Annual Conference of the ISA (north zone), Department of anaesthesia and intensive care, 12-14 October 2012.

Publications

Research Article

Chaudhary, S., Singh, M., Arya, A.K. and Kumar, S. 2012. 'Difficult airway with difficult regional anaesthesia for lower limb orthopaedic surgeries in patients with ankylosing spondylitis. What should we opt for?' Sri Lankan Journal of Anaesthesiology. 20(1): pp. 39-42.

Chaudhary, S. 2012. 'Editorial: What is new in critical illness & injury science? Benefits of co-induction anaesthesia in supraglottic airway management'. Int J Crit Illn Inj Sci, 2: 1-2. (IJCIIS ISSN2229-5151).

Joshi, N., Khurana, P., Malhotra, R., Chaudhary, S. and Ahuja, S. 2012. 'Difficult intubation in a patient with anterior displacement of cervical spine implant'. *Anaesth Int Care*, 40(6).

Kakkar, A., Abraham, J., Kochhar, A. and Verghese, M. 2012. 'A double blind study to evaluate the efficacy of the flumazenil in critically ill patients: its effect on midazolam sedation, weaning and extubation'. *Asian Archives of Anaesthesiology and Resuscitation*. 72(2): 2045-52.

Salhotra, R., Sharma, C., Tyagi, A., Kumar, S., Sethi, A.K. and Bhatt, S. 2012. 'An unanticipated difficult airway in Lesch-Nyhan syndrome'. *J Anaesthesiol Clin Pharmacol*. 28(2): pp. 239-41.

Sharma, J.P. and Salhotra, R. 2012. 'Mannitol induced intra-operative hyperkalemia, a little known clinical entity'. *J Anaesthesiol Clin Pharmacol*. 29: 546-7.

2013. 'Reply: Letter to editor', *Indian J Orthop*, 47(1): 111-2.

2012. 'Tourniquets in orthopedic surgery'. *Indian J Orthop*, 46: 377-83.

Tyagi, A., Kumar, S., Sethi, A.K. and Dhaliwal, U. 2012. 'Factors influencing career choice in Anaesthesiology'. *Indian J Anaesth*. 56(4): 342-7.

Tyagi, A., Sharma, C., Kumar, S., Sharma, D., Jain, A. and Sethi, A.K. 2012. 'Epidural volume extension: a review. *Anaesth Intensive Care*. 40(4):604-13.

Tyagi, A. 2012. A Reply *Reg Anesth Pain Med*. 37(4): 462.

Wadhwa, R., Mandhyan, R., Singh, S.P. and Khatri, P. 2013. 'Spinal haematoma following subarachnoid block with postpartum cardiomyopathy'. *Sri Lanka Journal of Anaesthesia*.

COMMUNITY MEDICINE

Honours/Distinctions

Dr. O.P. Rajoura: Best Paper Award (Poster Category) in SEAR Public Health Conference & 57th All India Annual Conference of IPHA at Kolkata, 1-3 February 2013.

Publications

Research Articles

Ahmad, S., Goel, K., Maroof, K.A., Goel, P. and Arif, M., et al. 'Psycho-Social Behaviour and Health Benefits of Islamic Fasting During the Month of Ramadan'. *J Community Med Health Educ*, 2: 178. doi:10.4172/2161-0711.1000178.

Alamdari, A., Venkatesh, S., Roobehi, A. and Kannan, A.T. 2012. 'Health research barriers in the faculties of two medical institutions in India'. *J Multidiscip Healthc*, 5: 187-94.

Chaturvedi, S., Arora, N.K., Lakshman, M., Pandey, R.M., Ganguly, K.K. and Goswami, K. et al. 2012. 'Injection practices in India. IPEN study group', *WHO-SEA J Public Health*. 1: 189-200.

- Chhabra, S.K. and Chhabra, P. 2012. 'Estimating Prevalence of Chronic Obstructive Pulmonary Disease: From Questionnaires to Spirometry'. *Indian J Chest Dis Allied Sci*, 54: 155-58.
- Dasgupta, R., Arora, N.K., Ramji, S., Chaturvedi, S., Rewal, S. and Suresh, K., et al. 2012. 'Managing childhood under-nutrition: role and scope of health services'. *Econ Politic Wkly*. 47: 15-9.
- Khan, A.M., Kayina, P., Agrawal, P., Gupta, A. and Kannan, A.T. 2012. 'A study on infant and young child feeding practices among mothers attending an urban health center in East Delhi'. *Indian J Public Health*, 56: 301-4.
- Khan, A.M. 2013. 'R-software: A newer tool in epidemiological data analysis'. *Indian J Community Med*, 38: 56-8.
- Kumar, R., Indrayan, A. and Chhabra, P. 2012. 'Reporting quality of multivariable logistic regression in selected Indian medical journals'. *Journal of Postgraduate Medicine*, 58: 123-26.
- Lahariya, C., Dhawan, J., Pandey, R.M., Chaturvedi, S., Deshmukh, V. and Dasgupta, R., et al. 2012. 'The INCLEN Program Evaluation Network. Interdistrict variations in child health status and health services utilization: lessons for health sector priority setting and planning from a cross-sectional survey in rural India.' *Natl Med J India*, 25: 137-41.
- Maroof, K.A., Parashar, P. and Bansal, R. 2012. 'How are our medical students using the computer and internet?' A study from a medical college of north India. *Niger Med J*, 53: 89-93.
- Rajoura, O.P., Amrita, K. and Srivastava, S. 2012. 'Sexual harassment and mental health'. *Delhi Psychiatr J*, 15(1): 50-3.
- Shalini, S., Chhabra, P., Gupta, P. and Guleria, K. 2012. 'A comparative study of delivery practices among home deliveries in two urban resettlement colonies in Delhi with and without augmented RCH services'. *Indian J Maternal and Child Health*, 14: 1-8.
- Sharma, R., Kannan, A.T., Lukhmana, S. and Gupta, N. 2012. 'The chasm between blood donation intention and action – a study amongst college students in Delhi, India'. *International Journal on Disability and Human Development*, 11(3): 255-9.
- Sharma, R. 2012. Depression among the elderly population in a rural community: A study of its prevalence and correlates. *Indian Medical Gazette*, 147(12): 467-72.
2012. 'Kuppuswamy's Socioeconomic Status Scale – Revision for 2011 and Formula for Real-Time Updating'. *Indian Journal of Pediatrics*, 79(7): 961-2.
- Singh, S., Chhabra, P. and Sujoy, R. 2012. Role of traditional birth attendants (TBAs) in provision of antenatal and perinatal care at home amongst the urban poor in Delhi, India. *Health Care for Women International*, 33: 666-76.
- Venkataraman, K., Kannan, A.T., Kalra, O.P., Gambhir, J. K., Sharma, A.K., Sundaram, K.R. and Mohan, V. 2012. 'Diabetes self-efficacy strongly influences actual control of diabetes in patients attending a tertiary hospital in India'. *J Community Health*, 37(3): 653-62.

DERMATOLOGY

Honours/Distinctions

Dr. S.N. Bhattacharya: Awarded Prof. K.C. Kandhari memorial award (for 2012-13), for contribution to dermatology, by IADVL (Delhi), 17 November 2012.

Dr. A. Singal: DERMACON 2013, 41st National Conference of IADVL at Ahmadabad, Awarded National Oration of IADVL (Systopic Oration) for the Year, 2013 and invited to deliver lecture on Lichen Scrofulosorum- Is It Truly Rare? Reality Unleashed!.

Seminars/Conferences attended

Dr. C. Grover: DERMACON - 41st National Conference of Indian Association of Dermatologists, Venereologists and Leprologists, Ahmedabad, Gujarat, 25-27 January 2013.

Publications

Research Article

Ali, S., Srivastava, A.K., Chopra, R., Aggarwal, S., Garg, V.K., Bhattacharya, S.N. and Bamezai, R.N. 2013. 'IL12B SNPs and copy number variation in IL23R gene associated with susceptibility to leprosy'. *J Med Genet.*, 50(1): 34-4.

Chhabra, N., Pandhi, D., Verma, P. and Singal, A. 2012. 'Pleomorphic cutaneous sarcoidosis confined to lesions of vitiligo vulgaris in a patient with type 1 diabetes mellitus'. *Ind J Dermatol Venereol Leprol*, 78: 754-6.

Chhabra, N., Singal, A. and Pandhi, D. 2012. 'Pityriasis rosea unilateralis with atypical morphology'. *Int J Dermatol*.

Dar, S.A., Bhattacharya, S.N., Das, S., Ramachandran, V.G., Banerjee, B.D. and Arora, P. 2012. 'Response of T-cell subpopulations to superantigen and recall antigen stimulation in systemic sclerosis'. *Indian J Dermatol.*, 57(3): 175-80.

Gandhi, V., Verma, P. and Naik, G. 2012. 'Exogenous ochronosis After Prolonged Use of Topical Hydroquinone (2%) in a 50-Year-Old Indian Female'. *Indian J Dermatol*. 57(5): 394-5.

Grover, C., Chaturvedi, U.K., Reddy, B.N. 2012. 'Role of nail biopsy as a diagnostic tool'. *Indian J Dermatol Venereol Leprol*, 78: 290-8.

Grover, C. and Khurana, A. 2012. An update on treatment of onychomycosis. *Mycoses*, 55(6): 541-51.

2012. 'Onychomycosis: newer insights in pathogenesis and diagnosis'. *Indian J Dermatol Venereol Leprol.*, 78(3): 263-70.

2012. 'Sclerotherapy in infantile hemangiomas'. Bhattacharya, S.N. *J Cutan Aesthet Surg.*, 5(3): 201-3.

Grover, C. 2012. 'Book Review for 'Atopic dermatitis in childhood and Adolescence' in *Natl Med J Ind*, 25(2): 121.

- Khurana, A., Singal, A. and Pandhi, D. 2013. 'Hypomelanosis of Ito and multiple Nevoid Hypertrichosis'. *Australasian Journal of Dermatology*. doi: 10.1111/ajd.12032.
- Pandhi, D., Gupta, P., Singal, A., Tondon, A., Sharma, S.B. and Madhu, S.V. 2012. 'Xanthelasma palpebrarum: a marker of premature atherosclerosis'. *Postgrad Med J*, 88: 198-204.
- Pandhi, D., Verma, P., Sharma, S. and Dhawan, A.K. 2012. 'Borderline lepromatous leprosy manifesting as granulomatous mastitis'. *Lepr Rev*, 83: 202-4.
- Pandhi, D., Verma, P., Singal, A. and Sharma, S. 2012. 'Atypical lupus erythematosus panniculitis progressing to ANA-negative systemic lupus erythematosus'. *J Cutan Med Surg*, 16: 361-4.
- Pandhi, D. and Verma, P. 2012. 'Nail Avulsion: indications and methods'. In: *Ind J Dermatol Venereol Leprol*, 78: 299-308.
- Sehgal, V.N., Rasool, F., Srivastava, G., Aggarwal, A. and Verma, P. 2012. Footwear dermatitis: pathogenesis—part I. *Skinmed.*, 10(5): 291-7.
- Sehgal, V.N., Verma, P. and Bhattacharya, S.N. 2012. Pathophysiology of adverse cutaneous drug reactions—applied perceptions: Part II. *Skinmed.* 10(6): 373-83.
2012. Physiopathology of adverse cutaneous drug reactions-applied perceptions: part I. *Skinmed.* 10(4): 232-7.
- Sharma, R., Singal, A., Verma, P. and Grover, C. 2012. 'Chemical Leucoderma Induced by Ear-ring Stoppers Made of Polyvinyl Chloride'. *J Cutan Aesthet Surg.*, 5(2): 147-9.
- Sharma, R., Singal, A., Verma, P., Rohatgi, J. and Sharma, S. 2012. 'Epidermal nevus syndrome associated with unusual neurological, ocular, and skeletal features'. *Indian J Dermatol Venereol Leprol.* 78(4): 480-3.
- Sharma, R., Verma, P., Singal, A. and Sharma, S. 2013. 'Eruptive collagenoma'. *Indian J Dermatol Venereol Leprol.* 79(2): 256-8.
- Sharma, R., Verma, P., Yadav, P. and Sharma, S. 2012. 'Proliferating trichilemmal tumor of scalp: benign or malignant, a dilemma'. *J Cutan Aesthet Surg.* 5(3): 213-5.
- Singal, A., Sonthalia, S. and Pandhi, D. 2013. 'Ulcerated Lupus Vulgaris at the Site of Bacille Calmette-Guérin Vaccination'. *Pediatr Dermatol*, 30: 147-8.
- Sonthalia, S. and Singal, A. 2012. 'Comparative efficacy of tacrolimus 0.1% ointment and clobetasol propionate 0.05% ointment in oral lichen planus: a randomized double-blind trial'. *Int J Dermatol.*, 51(11): 1371-8.
- Vasani, R.J., Khanna, D. and Singal, A. 2012. 'Cutaneous vascular lesions and their management in Indian setting'. *Dermatol Ther.* 25(4): 358-75.
- Verma, P., Bhattacharya, S.N., Banerjee, B.D. and Khanna, N. 2012. 'Oxidative stress and leukocyte migration inhibition response in cutaneous adverse drug reactions'. *Indian J Dermatol Venereol Leprol.* 78(5): 664.

Verma, P., Chhabra, N. and Sharma, R. 2012. Severe marking-nut dermatitis. *Dermatitis*. 23(6): 293-4.

Verma, P., Sharma, R., Chhabra, N. and Namdeo, C. 2012. Serpiginous, translucent, erythematous raised tracts over the hands. *Skinmed*. 10(4): 262.

Verma, P., Pandhi, D. and Singal, A. 2012. 'Trigeminal trophic syndrome complicating a case of borderline tuberculoid leprosy'. *Lepr Rev*, 83: 108-12.

Verma, P., Pandhi, D., Yadav, P. and Dhawan, A.K. 2012. 'Neonatal purpura fulminans due to Methicillin resistant *Staphylococcus aureus*'. *Pediatr Dermatol*.

Verma, P., Pandhi, D. and Yadav, P. 2012. 'Dermatitis artefacta manifesting as genital scars: a result of an unusual behaviour pattern'. *Int J STD & AIDS*, 23: 527-8.

Verma, P. and Pandhi, D. 2012. 'Lichen planus of the external urinary meatus masquerading sexually transmitted disease'. *Int J STD & AIDS*, 23: 73-4.

Verma, P., Singal, A. and Sharma, S. 2012. 'Idiopathic bullous eosinophilic cellulitis (Wells syndrome) responsive to topical tacrolimus and antihistamine combination'. *Indian J Dermatol Venereol Leprol*. 78(3): 378-80.

Verma, P., Singal, A., Yadav, P. and Sharma, R. 2013. 'Concurrence of lichen striatus and localised pityriasis rosea: Cutaneous mosaicism'. *Australas J Dermatol*. 54(1): 41-2.

FORENSIC MEDICINE

Honours/Distinctions

Dr. N.K. Aggarwal: Fellowship of Indian Association of Medico legal Experts (FIAMLE) and scroll of Honour, in the Conference of IAMLE at Kovalam, 26 June 2013.

Seminars/Conferences attended

Dr. N.K. Aggarwal: Attended and participated in the 'IAMLE-2013' Conference, Kovalam, 25-27 January 2013.

Publications

Books

Aggarwal, N.K. 2012. *Quick Review of Forensic Medicine*. New Delhi: New Age International (P) Ltd.

Research Articles

Kumar, A., Kohli, A. and Verma, S.K. 2012. Fetal cardiac tamponade by Bodkin. *Med Sci Law msl*.2012.012021, e-published ahead of print 8 October 2012, doi:10.1258/msl. 2012.012021.

Srivastava, V., Kohli, A. and Banerjee, K.K. 2012. 'Pattern of fatal blunt thoracoabdominal trauma in north east Delhi'. *J Forensic Med Toxicol*. 29(1): 18-22.

Gupta, N. and Aggarwal, N.K. 2012. 'Child abuse'. *Delhi Psy J.*, Vol. 15(2): 416-19.

OPHTHALMOLOGY

Honours/Distinctions

Dr. V.P. Gupta: Col. Rangachari Award for year 2012, for paper on, 'Labial salivary glands transplantation for severe dry eye due to Stevens Johnson syndrome', 17 January 2013.

'Sujatha Savithri Rao Award' for best oculoplasty paper on, 'Labial salivary glands transplantation for severe dry eye due to Stevens Johnson syndrome' on 19 January 2013.

'Indian Journal of Ophthalmology Silver award' and cash prize of ` 20,000/- for the publication [letter to editor category], 'Isoamylcyanoacrylate for sutureless horizontal rectus recession surgery' on 19 January 2013.

'Shri Santosh Sharma Award', 2012, for his eminent ophthalmological services to the society. Award given by H.E. Governor of Punjab and Haryana, Shri Shiv Raj Patil on 16 December 2012.

Seminars/Conferences attended

Dr. V.P. Gupta: Annual Conference DOS. As chairperson and faculty [Talk: BPES – the correct management] on April 2012.

Dr. J. Rohatgi: Attended 28th Asia Pacific Academy of Ophthalmology Congress and all india ophthalmological society Conference, Hyderabad, 17-20 January 2013.

Publications

Research Articles

Dhaliwal, U. 2012. 'Commentary'. J Neurosci Rural Pract. 3(3): 356.

2013. 'Dear intensive care provider'. Med Humanit. [E-pub ahead of print].

Gupta, V.P., Gupta, P. and Gupta, R. 2012. 'Corneal endothelial cell density following cataract surgery in eyes with previous blunt trauma'. Middle East Afr J Ophthalmol, 19: 269-70.

Gupta, V.P. 2012. Labial Salivary Glands Transplantation for Severe Dry Eye Due to Stevens-Johnson Syndrome. Proceed AIOC 2012.

2012. Retroplacement and Shortening of MPL for Correction of Telecanthus in Blepharophimosis Syndrome (BPS) Proceed AIOC 2012, 744-47.

Tyagi, A., Kumar, S., Sethi, A.K. and Dhaliwal, U. 2012. 'Factors influencing career choice in anaesthesiology'. Indian J Anaesth., 56(4):342-7. doi:10.4103/0019-5049.100814.

Sharma, R., Singal, A., Verma, P., Rohatgi, J. and Sharma, S. 2012. 'Epidermal nevus syndrome associated with unusual neurological, ocular, and skeletal features'. Indian J Dermatol Venereol Leprol. 78(4): 480-3.

Singal, A., Chhabra, N., Pandhi, D. and Rohatgi, J. 2013. 'Behcet's disease in India: A dermatological perspective'. Indian J Dermatol Venereol Leprol. 79(2): 199-204.

PAEDIATRICS

Honours/Distinctions

Dr. P. Dewan: MNAMS (Pediatrics), conferred by the National Board of Examinations, New Delhi, October 2012.

V.B. Raju Award (first Prize) for the best paper in Child Health in January 2013.

Dr. M.M.A. Faridi: Fellowship of National Neonatology Forum of India [FNNF] on 15 December 2012.

Face Magazine Rashtriya Gaurav Award on 8 February 2013.

Dr. S. Gomber: Vishisht Chikitisa Ratan Award by Delhi Medical Association in July 2012.

Dr. P. Gupta: Sisir K Bose Memorial Oration, Institute of Child Health, Kolkata, 19 October 2012.

B.N. Das Memorial Oration, Indian Academy of Pediatrics, Bihar Branch, Patna, 2 March 2013.

Seminars/Conferences attended

Dr. A. Aggarwal: Pedicon 2012 - 50th National Conference of Indian Academy of Pediatrics 2013 on 17-20 January 2013.

International Conference of New Revolution in Genetics and Genomics on 27-29 January 2013.

IVth National Conference of Association of Child Neurology on 16-17 February 2013.

32nd National Conference of National Neonatology Forum on 15-16 December 2012.

Dr. P. Batra: 32nd Annual Convention of National Neonatology Forum of India, Delhi, 1-16 December 2012.

Dr. M.M.A. Faridi: Plenary Speaker for South Asia Regional Conference at Dhaka, Bangladesh, 28-30 April 2012.

Chaired Scientific Session at Annual Conference of Indian Academy of Pediatrics, PEDICON-2013, Kolkatta, 17-20 January 2013.

Dr. P. Gupta and Dr. D. Shah: 50th Conference and CME of Indian Academy Paediatrics (IAP), Kolkata, 15-20 January 2013.

Publications

Books

Faridi, M.M.A. and Gupta, P. 2013. Neonatology Practice Made Easy. New Delhi: Jaypee Brothers Medical Publishers.

Gupta, P. 2013. Textbook of Pediatrics. New Delhi: CBS Publishers.

Parthasarthy, A., Menon, P.S.N., Gupta, P. and Nair, M.K.C. 2013. IAP Textbook of Pediatrics. 5th edition. New Delhi: Jaypee Brothers.

Singh, T., Gupta, P. and Singh, D. 2013. Principles of Medical Education. (4th edition). New Delhi: Jaypee Brothers.

Narang, M. Approach to Practical Pediatrics (2nd Edition). New Delhi: Jaypee Brothers.

Research Articles

Kumar, V., Aggarwal, A., Sharma, S., Chillar, N., Mittal, H. and Faridi, MMA. 2012. Effect of Carbamazepine Therapy on Homocysteine, Vitamin B12, Folic Acid Levels in Children with Partial Epilepsy. Indian Pediatr. doi:pii: S097475591200685.

Arora, S.K., Aggarwal, A. and Mittal, H. 2012. 'Dengue encephalitis in children'. J Neurosci Rural Pract. 3: 228-9.

Kalra, S. and Aggarwal, A. 2012. 'Hemophagocytic lymphohistiocytosis as presenting feature of lupus'. Indian Pediatr. 49: 993.

Kashyap, B., Das, S., Jain, S., Aggarwal, A., Kaushik, J.S. and Kaur, I.R. 2012. 'Correlation between the clinico radiological heterogeneity and the immune-inflammatory profiles in pediatric patients with neurocysticercosis from a tertiary referral centre'. J Trop Pediatr. 58: 320-3.

Rai, A., Khalil, S., Batra, P., Gupta, S.K., Bhattacharya, S., Dubey, N.K., Mehra, N. and Saha, A. 2013. 'Electrical Injuries in Urban children in New Delhi'. Pediatr Emerg Care.

Batra, P. and Goyal, S. 2013. 'Comparison of rectal, auxiliary, tympanic, and temporal artery thermometry in the pediatric emergency room'. Pediatr Emerg Care. 29(1): 63-6. doi: 10.1097/PEC.0b013e31827b542.

Batra, P., Saha, A. and Faridi, MMA. 2012. 'Thermometry in children'. J Emerg Trauma Shock, 5: 246-9.

Dewan, P., Jain, V., Gupta, P. and Banerjee, B.D. 2013. Organochlorine pesticide residues in maternal blood, cord blood, placenta, and breastmilk and their relation to birth size. Chemosphere. 90(5): 1704-10.

Dewan, P. and Gupta, P. 2012. 'Burden of Congenital Rubella Syndrome (CRS) in India: a systematic review'. Indian Pediatr. 49(5): 377-99.

Kaushik, J.S., Gomber, S. and Dewan, P. 2012. 'Clinical and epidemiological profiles of severe malaria in children from Delhi, India'. J Health Popul Nutr. 30(1): 113-6.

Dewan, P., Rai, A., Gupta, N., Shah, D. and Faridi, M.M.A. 2012. 'A rare lethal case of chondrodysplasia punctata with extensive airway involvement'. Fetal Pediatr Pathol. 31(3): 134-9.

Dewan, P. 2012. 'Master Pass: Revision Questions in Paediatrics'. Indian Pediatr. 49(2): 166.

Gupta, P., Dewan, P. and Singh, T. 2012. Objective Structured Clinical Examination in Resource Poor Settings. In: Singh, T. and Anshu, editors. Principles of Assessment in Medical Education. New Delhi: Jaypee Brothers, pp. 128-48.

- Shah, D., Choudhury, P., Gupta, P., Mathew, J.L., Gera, T., Gogia, S., Mohan, P., Panda, R. and Menon, S. 2012. 'Promoting appropriate management of diarrhea: a systematic review of literature for advocacy and action: UNICEF-PHFI series on newborn and child health, India'. *Indian Pediatr.* 49(8): 627-49.
- Choudhary, N. and Gupta, P. 2012. 'Vitamin D supplementation for severe pneumonia—a randomized controlled trial'. *Indian Pediatr.*, 49(6): 449-54.
- Shah, D., Giri, M. and Gupta, P. 2013. 'Citation classics from Indian Pediatrics'. *Indian Pediatr.* 50: 61-7.
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- Gupta, P. 2013. '50 glorious years: celebrating the future'. *Indian Pediatr.* 50: 9-14.
- Gupta, P. and Vashishtha, V.M. 2012. 'The games industry plays'. *Indian Pediatr.* 49: 699.
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- Mishra, D. and Gupta, P. 2013. Where it all began! With Sisir K Bose!! Oh...at Calcutta!!! *Indian Pediatr.* 50: 25-37.
- Mittal, H., Faridi, MMA., Arora, S.K. and Patil, R. 2012. 'Clinicohematological Profile and Platelet Trends in Children with Dengue during 2010 Epidemic in North India'. *Ind J Pediatr.*
- Grover, A., Mittal, H. and Faridi, M.M.A. 2013. 'Utility of C - reactive protein in Febrile Children with Clinically Undetectable Serious Infection'. *J Global Infect Dis*, 5: 34.
- Arora, S.K., Aggarwal, A. and Mittal, H. 2012. 'Dengue encephalitis in children'. Accepted by *J Neurosci Rural Pract*, 3: 228-9.
- Choudhary, N., Gomber, S. and Narang, M. 2012. Clinico-Immunological profile and Outcome of Anti Retroviral Therapy in HIV positive children. *Public Health Nutrition.* 15(8): 1442-45.
- Narang, M., Kaushik, J.K., Sharma, A. and Faridi, MMA. 'Predictors of mortality among the neonates transported to referral centre in Delhi, India: A prospective observational study'. *Indian Journal of Public Health.*
- Narang, M., Gomber, S. and Rohtagi, J. 'Cyclopia with Holoprosencephaly'. *Kathmandu University Medical Journal.*
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- Shah, D., Sachdev, H.S., Gera, T., De-Regil, L.M. and Pena-Rosas, J.P. 2013. Fortification of staple foods with zinc for improving health outcomes in the general population (Protocol). *Cochrane Database of Systematic Reviews.*

Gera, T., Shah, D., Garner, P. and Sachdev, H.S. 2012. 'Integrated Management of Childhood Illness (IMCI) Strategy for children under five: effects on death, service utilisation and illness (Protocol)'. *Cochrane Database of Systematic Reviews*: 9: CD010123.

Shah, G.S., Dutta, A.K., Shah, D. and Mishra, O.P. 2012. 'Role of zinc in severe pneumonia: a randomized double blind placebo controlled study'. *Ital J Pediatr*. 38: 36.

Dewan, P., Rai, A., Gupta, N., Shah, D. and Faridi, MMA. 'A rare lethal case of chondrodysplasia punctata with extensive airway involvement'. *Fetal Pediatr Pathol.*, 31(3): 134-9.

Shekhar, S. and Shah, D. 2012. 'Validation of mid upper arm circumference cut offs to diagnose severe wasting in Indian children'. *Indian Pediatr*. 49: 496-7.

Lodha, R. and Shah, D. 2012. 'Prevention of rotavirus diarrhea in India: is vaccination the only strategy'. *Indian Pediatr*. 49(6): 441-3.

PHYSIOLOGY

Honours/Distinctions

Dr. F. Khaliq: Prof. R.C. Shukla Oration award for best research work in Cardiovascular Physiology for 2012 on 18 December 2012.

Publications

Research Articles

Bahuleyan, B. and Singh, S. 2012. 'Olfactory memory impairment in neurodegenerative diseases'. *J Clin Diagn Res*. 6(8): 1437-41.

Khaliq, F., Parveen, A., Singh, S., Hussain, M.E. and Fahim, M. 2013. 'Terminalia arjuna Improves Cardiovascular Autonomic Neuropathy in Streptozotocin-Induced Diabetic Rats'. *Cardiovasc Toxicol*. 13: 68-76.

Khetarpal, A. and Singh, S. 2012. 'Disability studies in medical education'. *International Journal of Use-Driven Health care*. 2(2): 44-51.

Khetarpal, A. and Singh, S. 2012. Infertility: Why can't we classify this inability as disability? *Australasian Medical Journal*. *Australas Med J*. 5(6): 316-21.

Kaushik, R., Khaliq, F., Subramanayan, M. and Ahmed, R.S. 2013. 'Pulmonary Dysfunctions, Oxidative Stress and DNA Damage in Brick Kiln Workers'. *Hum Exp Toxicol*. 2012, 31(11): 1083-91.

Sati, P.C., Kaushik, R., Kumar, V., Khaliq, F. and Vaney, N. 2012. 'Oxidative status in workers engaged in recycling of plastic: occupational hazard'. *Ind J Physiol Pharmacol*, 56(3): 234-38.

Shankar, N., Vardhan, H., Shukla, R., Dikshit, P. and Kaur, I.R. 2012. Effect of deep breathing exercises on some key markers of stress in garment factory workers. *Indian Journal of Physiology and Pharmacology*, 56(5): 208-09.

Singh, S. and Khetarpal, A. 2012. 'Phobia's in poetry: Coleridge's ancient mariner'. *Indian J Psychol Med*, 34: 193-6.

Singh, S., Khosla, J. and Sridhar, S. 2012. 'Exploring Medical Humanities through Theatre of the Oppressed'. *Indian J Psychiatry*. 54(3): 296-7.

Singh, S. 2013. 'Intellectual disabilities and yoga'. *Int J Yoga*. 6: 80-1.

2013. It's time to correct the literature. *Vaccine*. 31(4): 591.

2013. 'Use of Wikiversity and Role-play to Increase Student Engagement During Student-led Physiology Seminars'. *Adv Physiol Educ*. 37: 313-14.

Soni, R., Singh, K.M., Singh, K.P. and Singh, S. 2012. 'Study of the effect of yoga training on diffusion capacity in chronic obstructive pulmonary disease patients: A controlled trial'. *International Journal of Yoga*, Vol. 5, 123-27.

Soni, R., Singh, S. and Singh, K.P. 2012. The effect of pranayama and yogasana on lung functions in mild and moderate chronic obstructive pulmonary disease. *Biomedicine*: 2012, 32(1): 57-60.

Yadav, A., Singh, S., Singh, K.P. and Pai, P. 2012. 'Effect of an integrated approach of yoga therapy on quality of life in coronary artery disease patients'. *IJPP*, Vol. 56, Supple CA18, pp. 116-17.

PSYCHIATRY

Seminars/Conferences attended

Dr. A. Rathi: 5th International Conference on Schizophrenia – 2012 at Chennai, 21-23 September 2012.

Dr. S. Srivastava: 65th Annual National Conference of the Indian Psychiatric Society in Bangalore, 10-13 January 2013.

Publications

Research Articles

Bhatia, M.S. and Gupta, R. 2012. 'Migraine: clinical pattern and psychiatric morbidity'. *Industrial Psychiatry Journal*, 21: 35-8.

Bhatia, M.S. and Jagawat, T. 2012. *Differential diagnosis of Mental Health disorders*. Delhi: CBS Publishers & distributors Pvt. Ltd.

2012. *History of Psychiatry and allied Sciences*. Delhi: CBS Publishers and Distributors Pvt. Ltd.

Bhatia, M.S., Jhanjee, A. and Kumar, P. 2012. 'Seminal retention syndrome with cybersex addiction'. *Journal of Clinical and Diagnostic Research*, 6: 879-80.

Bhatia, M.S., Jhanjee, A. and Oberoi, A. 2012. 'Tramadol disorder in a hospital worker'. *Journal of Clinical and Diagnostic Research*, 6: 729-30.

2012. A case of chloroquine induced recurrent mania. Primary Care Companion of CNS Disorders, 14(3). doi, pii.PCC III0I.302.
2012. 'Celiac disease and Depression', Delhi Psychiatry Journal, Vol. 15(1): 223-24.
- Bhatia, M.S., Jhanjee, A. and Rathi, A. 2013. Change in anxiety following successful and unsuccessful smoking cessation (e- letter), BJP.
2012. 'Iloperidone – a Novel Drug for Treatment of Schizophrenia', Delhi Psychiatry Journal, Vol. 15(1): 204-07.
2012. 'Eagle's syndrome with comorbid unspecified anxiety disorder'. International Journal of Neurology and Neurosurgery, 4: 77-80.
- Bhatia, M.S., Jhanjee, A. and Srivastava, S. 2012. 'Delusional parasitosis: A clinical profile', Asian J Psychiatry, doi 10: 1016/J-ajp. 2012.09.008
2012. 'Psychiatric morbidity in school children who suffered a stampede'. Industrial Psychiatry Journal, 21: 74-6.
2012. 'Charles Bonnet syndrome responding to amisulpride'. Journal of Neuropsychiatry and Clinical Neurosciences, 24: E40.
2013. 'Organic mania in dengue'. Journal of Clinical and Diagnostic Research.
2013. Psychiatric Consultations. ICU Manual, Third Edition. Goel, A., Joshi, R. and Jain, A.P. (eds). Hyderabad: Paras Medical Publisher.
- Bhatia, M.S. and Kaur, N. 2012. 'Sexual dysfunction in first episode psychosis (e-letter)'. British Journal general of psychiatry.
2013. DNB Entrance Examination, (15th ed.), Delhi: CBS Publishers and Distributors Pvt. Ltd.
- Bhatia, M.S., Rathi, A. and Kaur, N. 2013. Natural history, predictors and outcome of depression after stroke, (e- letter). BJP.
- Bhatia, M.S. 2012. Psychiatry Review. Delhi: New Age International Publishers & Distributors.
2013. All India PG Entrance Examination (Neet PG) (16th ed.), Delhi: CBS Publishers and Distributors Pvt. Ltd.
2012. Overdiagnosis, overshadowing and overtreatment in psychiatry (editorial). Delhi Psychiatry Journal, 15: 3-4.
2012. Women mental health (editorial). Delhi Psychiatry Journal, 15: 253-54.
2013. AIIMS MD Entrance Examination, (5th ed.), Delhi: CBS Publishers and Distributors Pvt. Ltd.
2013. Essentials of Psychiatry, (7th edition), Delhi: CBS Publishers and Distributors Pvt. Ltd.
2012. UPSC Combined Medical Services, (14th edition), Delhi: CBS Publishers and Distributors Pvt. Ltd.

2012. 'Myocardial infarction and generalized anxiety disorder (e-letter)'. *British Journal of Psychiatry*.
- Bhatia, N.K., Bhatia, M.S., Grewal, H. and Kalra, N. 2012. *Delhi Psychiatry Journal*, Vol. 15 (1): 219-20.
- Ghosh, T., Mustafa, M., Kumar, V., Datta, S.K., Bhatia, M.S., Sircar, S. and Banerjee, B.D. 2012. 'A preliminary study on the influence of glutathione-S- transferase T1 (GSITI) as a risk factor late onset Alzheimer's disease in North Indian Population'. *Asian J Psychiatry*, 52: 160-63.
- Jhanjee, A., Bhatia, M.S., Oberoi, A. and Srivastava, S. 2012. 'Medication errors in psychiatric practice – A cross – sectional Study', *Delhi Psychiatry Journal*, Vol. 15(1): 5-13.
- Kalra, I., Jhanjee, A., Unni, K.E.S. and Bhatia, M.S. 2012. 'A Comparative Study of Temperament in Children of Patients Suffering from Depression in comparison to Normal Controls', *Delhi Psychiatry Journal*, Vol. 15(1): 64-71.
- Kapoor, D.M., Bhatia, M.S., Tripathi, A.K., Aggarwal, N.K. and Banerjee, B.D. 2012. 'Serotonergic markers for Suicidal Behavior', *Delhi Psychiatry Journal*, Vol. 15(II): 302-07.
- Malhotra, S., Kaur, N., Kumar, P., Bhatia, M.S. and Hans, C. 2012. 'Viral Infections and Depression', *Delhi Psychiatry Journal*, Vol. 15(1): 188-95.
- Malhotra, S., Khan, W. and Bhatia, M. 2012. 'Quality of Life of Parents having Children with Developmental disabilities', *Delhi Psychiatry Journal*, Vol. 15(1): 171-76.
- Malhotra, S., Rajinder, G. and Bhatia, M.S. 2012. 'Psychotherapeutic Management of Night-time Fears', *Delhi Psychiatry Journal*, Vol. 15(1): 228-29.
- Mangalwedhe, S.B., Rathi, A. and Bhatia, M.S. 2012. 'Historical Conceptualization, epidemiology, Validity and Current Position of Adult ADHD as a Diagnostic Entity', *Delhi Psychiatry Journal*, Vol. 15(II): 260-67.
- Pratibha, Jena, S.P.K. and Bhatia, M.S. 2012. 'Expressed Emotion Research in Severe Mental Illness', *Delhi Psychiatry Journal*, Vol. 15 (1): 32-40.
- Rajoura, O.P., Kumari, A. and Srivastava, S. 2012. 'Sexual Harassment and Mental Health', *Delhi Psychiatry Journal*, Vol. 15(1): 50-3.
- Rathi, A. and Bhatia, M.S. 2012. 'Gender Identity Disorder with Co-Morbid Adjustment disorder', *Delhi Psychiatry Journal*, Vol. 15(1): 234-36.
- Rathi, A., Sitholey, P., Agarwal, V., Kumar, S.T, Bhatia, M.S. and Sharma, S. 2012. 'A Comparative study of Phenomenology, Psychiatric Co-Morbidities and Global Functioning of People with ADHD from Childhood to Adulthood', *Delhi Psychiatry Journal*, Vol. 15(1): 14-21.
- Safara, M., Bhatia, M.S., Singh, T.B. and Dezhkam, M. 2012. 'Comparing the Effect of Cognitive Therapy and spiritual Therapy on depression between Iranian Students Residing in Iran and India', *Delhi Psychiatry Journal*, Vol. 15(1): 85-98.

Srivastava, S., Bhatia, M.S., Jhanjee, A. and Gaur, A. 2012. 'Space occupying lesion presenting with psychiatric manifestations'. Delhi Psychiatry Journal, Vol. 15(2): 432.

Srivastava, S., Bhatia, M.S., Jhanjee, A., Rathi, A., Chhaparia, A. and Nand, A. 2012. 'Current Scenario of Psychiatric diagnosis in a Tertiary Care Teaching Hospital', Delhi Psychiatry Journal, Vol. 15(1): 107-10.

Srivastava, S. 2012. 'Essentials of Child Psychiatry'. Delhi Psychiatry Journal, Vol. 15(II): 302-07.

RADIOLOGY

Honours/Distinctions

Dr. A. Tandon: Delivered Dr. Mihir Mitter Oration of Indian College of Radiology at National Conference of IRIA at Indore, 4 January 2013.

Seminars/Conferences attended

Dr. S. Bhatt and Dr. A. Tandon: 66th Annual Conference of IRIA at Indore, 3-7 January 2013.

Dr. A.K. Srivastava: Presented paper 'Comparative studies of radiation doses from 4 slice and 64 slice CT' at IAEA International Conference on Radiation Protection in Medicine, Bonn, Germany, 3-7 December 2012.

Publications

Research Articles

Manchanda, S., Sharma, B.B. and Kumar, S. 2012. 'Tuberculous epididymo-orchitis: MRI appearance'. Urol J, 9(1): 351.

Prasad, A., Manchanda, S., Sachdev, N., Baruah, B.P. and Manchanda, V. 2012. 'Imaging features of Pediatric Musculoskeletal Tuberculosis'. Pediatr Radiol, 42(10): 1235-49.

Rathi, V., Jain, B.K., Garg, P.K. and Singh, A. 2012. 'Case of the month: An unusual case of duodenal beaking'. BJR, 85: 1517-21.

SURGERY

Honours/Distinctions

Dr. V. Agrawal: Received certificate of appreciation & award on Doctors Day from MS, GTB Hospital, Delhi, July 2012.

Dr. B.K. Jain: SBV Award for the Best e-Poster Presentation for poster titled 'Amoebic Colonic Perforation Peritonitis - A Case Series' at International Conference on Quality Assurance & Patient Safety, Puducherry, 29-30 November 2012.

Dr. D. Mohanty: First Prize in Onco quiz at Dharamshila Cancer Hospital, Delhi, 20 January 2013.

Seminars/Conferences attended

Dr. N. Agarwal: NAMNAMSCON 2012, Annual Conference of National Academy of Medical Sciences, Chennai, 12-14 October 2012.

Surgicon 2012: Annual Conference of the Association of Surgeons of India, Delhi, 23-25 November 2012.

Dr. V. Agrawal: International Conference on Quality Assurance and Patient Safety, Puducherry and Presented an e-poster 'Randomized controlled trial to study the wound performance following subcutaneous infiltration and topical instillation of Ceftriaxone before primary closure of skin in laparotomy for peritonitis due to non traumatic perforation of small intestine' on 29-30 November 2012.

Dr. P.K. Garg: SURGICON 2012: Annual Conference of the Association of Surgeons of India, Delhi, 23-25 November 2012.

Dr. B.K. Jain: International Conference on Quality Assurance & Patient Safety, Puducherry, 29-30 November 2012.

Dr. S. Singh: Presented paper 'Colonic Lymphoma in an adolescent - A rare colonic malignancy' at NATCON- 2012, National Conference of IASO 2012, Panjim, Goa, 4-7 October 2012.

Publications

Research Articles

Agrawal, V., Garg, P.K., Mohanty, D. and Jaswal, V. 2012. Umbilical nodule in cholangiocarcinoma. Sister Mary Joseph Nodule. *Saudi J Gastroenterol.* 18: 345-6.

Dubey, I.B., Agrawal, V., Jain, B.K. and Prasad, D. 2013. 'Emphysematous Pyelonephritis in a Non-Diabetic Male with Non-obstructed kidney: An unknown entity'. *Saudi J Kidney Dis Transpl.*, 24(1): 97-9.

Dubey, I.B., Mohanty, D. and Jain, B.K. 2012. 'Diverse presentation of spontaneous rupture of urinary bladder: review of two cases and literature'. *Am J Emerg Med.*, 30(5): 832. e1-3. PMID: 21570232.

Garg, P.K., Chaurasia, A. and Singh, A.P. 2013. 'An unusual cause of thigh swelling: tuberculosis of the pubis'. *Am J Trop Med Hyg.* 88: 1-2.

Garg, P.K., Jain, B.K., Chaurasia, A., Vibhav, V. and Agrawal, V. 2012. 'Actinomycosis of rectum: a bizarre complication of mesh rectopexy'. *Colorectal Dis.*, 14: e815-16. doi: 10.1111/j.1463-1318.2012.02978.x.

Garg, P.K., Jain, B.K., Dubey, I.B. and Sharma, A. 2012. 'Generalized lymphadenopathy: physical examination revisited'. *Ann Saudi Med*, 1: 1-2. [Epub ahead of print]

Garg, P.K., Jain, B.K., Kumar, A., Bhatt, S. and Vibhav, V. 2012. 'Fat poor angiomyolipoma with lymphadenopathy: Diagnostic dilemma'. *Urol Ann.*, 4(2): 126-9.

Garg, P.K., Jain, B.K., Kumar, A. and Mohanty, D. Pancreatic pseudocyst: spontaneous resolution by gastric erosion. Accepted for publication in Indian Journal of Gastroenterology in image section.

'Abdominal lump with intestinal obstruction: prior history of abdominal surgery is a clue to diagnosis'. *Ann African Med*.

Garg, P.K., Jain, B.K. and Mohanty, D. 2012. 'Tuberculous peritonitis: the closer you go, the more confused you get'. *World J Surg.*, 36: 1213-4.

Garg, P.K. and Jain, B.K. 'Combined Use of Modified Alvarado Score and USG in Decreasing Negative Appendicectomy Rate: Critical Appraisal of Data'. *Indian J Surg*. doi: 10.1007/s12262-010-0008-5.

2012. 'Gallbladder perforation: Mystery continues to unravel'. *Int J Surg.*, 10: 272. Epub.

Garg, P.K., Joshi, N., Agrawal, V. and Jain, M. 2012. 'CSF leak from epidural catheter site: a nightmare turned into reality'. *Int J Colorectal Dis*.

Garg, P.K. and Kumar, A. 2012. 'Patient Satisfaction Survey: Can Nonresponders be Ignored?' *N Am J Med Sci.*, 4: 669.

Garg, P.K. and Mohanty, D. 2012. 'Mean (Standard Deviation) or Mean (Standard Error of Mean): Time to Ponder'. *World J Surg*.

Garg, P.K., Singh, A.P., Jain, B.K., Bansal, A., Mohanty, D. and Agrawal, V. 2012. 'Safety and acceptance of non-sedated upper gastrointestinal endoscopy: a prospective observational study'. *J Laparoendosc Adv Surg Tech A*, 22(4): 315-8. PMID: 22489906.

Garg, P.K. 2013. 'Occurrence of seroma after mastectomy: where is the solution?' *Am J Surg*. 2012.

2012. 'Peeping thread from a laparotomy scar: Surgeon's perspective'. *J Midlife Health*. 3: 109.

2012. 'Randomized clinical trial of bilateral subtotal thyroidectomy versus total thyroidectomy for Graves' disease with a 5-year follow-up (*Br J Surg* 2012, 99: 515-522)'. *Br J Surg.*, 99(7): 1022-3.

2012. 'Single incision laparoscopic cholecystectomy: Great start and a long way to go'. *J Minim Access Surg.*, 8(4): 163.

Gupta, A., Jain, J., Kumar, A., Kumar, S. and Wadhwa, N. 2012. Triple negative breast Cancer- an overview and Review of literature-Asian Journal of Medical Sciences: Vol. 3, pp. 16-20.

Gupta, A., Noba, A.L., Gupta, S., Arora, V.K., Rathi, V. and Kumar, S. 2012. 'Papillary Cystadenocarcinoma of ovary presenting as obstructive jaundice: a Rare Presentation'. *Oman Med J*, 27(2): 159-60.

Gupta, A. 2012. Large Cell Neuroendocrine Carcinoma of lung metastasizing to jejunum-A rare presentation with review of literature Asian Journal of Medical Sciences: Vol. 4, pp. 40-4.

- Jain, B.K., Vabhav, K., Garg, P.K., Gupta, S. and Mohanty, D. 2012. 'Comparison of a fistulectomy and a fistulotomy with marsupialization in the management of a simple anal fistula: a randomized, controlled pilot trial'. *J Korean Soc Coloproctol.*, 28: 78-82. Epub.
- Kashyap, B., Kaur, I.R., Garg, P.K., Das, D. and Goel, S. 2012. 'Test and treat' policy in dyspepsia: time for a reappraisal'. *Trop Doct.*, 42: 109-11.
- Kaur, N., Agarwal, N., Panwar, P. and Mishra, K. 'Clinicopathologic profile of benign Breast Conditions in Indian women, Prospective study based on Aberrations of Normal Development and Involution classification'. *World J Surg* DOI 10.1007/s00268-012-1671-4.
- Kaur, N. 2012. 'A roadmap to improve care of patients with breast cancer in India'. *NMJI*, 25(3): 172-74.
- Kumar, A. and Garg, P.K. 2012. 'Fine needle aspiration cytology in carotid body tumours'. *Singapore Med J.*, 53(4): 293.
- Kumar, S. 2012. 'Veress needle insertion through left lower intercostals space for creating pneumoperitoneum: Experience with 75 cases'. *Journal of Minimal Access Surgery*, 8: 85-9.
- Mohanty, D., Choudhary, D., Rathi, V., Jain, B.K. and Garg, P.K. 2013. Obturator Internus Abscess: spontaneous Perforation into the Vagina. *Surg Infect (Larchmt)* [Epub ahead of print] PMID: 23448591.
- Mohanty, D., Garg, P.K. and Kumar, A. 2013. 'Intention To Treat Analysis: Are We Really Doing It?' *World J Surg*.
- Saha, S., Jha, A. and Gupta, S. 2012. 'Sudden onset epigastric pain and vomiting. Diaphragmatic hernia with herniation of stomach'. *Saudi J Gastroenterol.* 18(1): 71-2.
- Saha, S., Jha, A., Mangal, N., Sharma, N., Gupta, S. and Agarwal, S. 2012. Perineurioma of the pancreas: a rare case. *JOP.* 2012 July 10, 13(4):443-5. doi: 10.6092/1590-8577/817. PubMed PMID: 22797403.
- Saini, P., Gaba, R., Faridi, M.S., Agarwal, N., Kaur, N. and Gupta, A. 2012. 'Quality of life of patients after temporary ileostomy for ileal perforation - A questionnaire-based study'. *Indian J Surg*: 1-6. doi 10.1007/s12262-012-0547-z.
- Saini, P., Gupta, A., Agarwal, N., Kaur, N. and Sharma, A. 2012. 'Perinephric drain - an unusual suspect of ureteral obstruction after open pyelolithotomy'. *J Coll Physicians Surg Pak*, 22(4): 271-2. doi: 04.2012/JCPSP.271272. PMID: 22482393.
- Sharma, M.S., Kumar, S. and Agarwal, N. 2012. 'Trocar site hernia: a case series'. *Indian J Surg*, 74(2): 189-90.
- Sharma, N., Gupta, A., Jha, P.K. and Rajput, P. 2012. 'Mastalgia cured! Randomized trial comparing centchroman to evening primrose oil'. *Breast J.*, 18(5): 509-10. doi: 10.1111/j.1524-4741.2012.01288.x. Epub. PubMed PMID: 22892074.
- Sharma, N., Mishra, T.S., Singh, S. and Gupta, S. 2012. 'Evaluation of Effect and Comparison of Superoxidised Solution (Oxum) V/S Povidone Iodine (Betadine): Points to Ponder'. *Indian J Surg*, 74: 483.

MICROBIOLOGY

Seminars/Conferences attended

Dr. B. Kashyap and Dr. R. Saha: 6th National Conference of the Indian Academy of the Tropical Parasitology - Tropacon 2012 at Sri Aurobindo Medical College & Postgraduate Institute, Indore, 13-14 October 2012.

Publications

Research Article

Dar, S.A., Bhattacharya, S.N., Das, S., Ramachandran, V.G., Banerjee, B.D. and Arora, P. 2012. 'Response of T-cell subpopulations to superantigen and recall antigen stimulation in systemic sclerosis'. *Indian J Dermatol*, 57(3): 175-80.

Dar, S.A., Das, S., Ramachandran, V.G., Bhattacharya, S.N., Mustafa, M.D., Banerjee, B.D. and Verma, P. 2012. 'Alterations in T-lymphocyte sub-set profiles and cytokine secretion by PBMC of systemic lupus erythematosus patients upon in-vitro exposure to organochlorine pesticides'. *Journal of Immunotoxicology*, 9(1): 85-95.

Jain, S., Das, S., Gupta, N. and Malik, J.N. 2012. 'Frequency of fungal isolation and antifungal susceptibility pattern of the fungal isolates from nasal polyps of chronic rhinosinusitis patients at a tertiary care centre in north India'. *Medical Mycology*, Early Online: 1-6.

Barua, M., Das, S. and Saha, R. 'Occurrence of Demodex Folliculorum in Alopecia Androgenetica'. *Indian Journal of Pathology: Research and Practice*, 1(2): 53-5.

Das, S., Choudhry, S.S., Ramachandran, V.G., Kaur, K. and Sarkar, B.L. 2012. Emergence of multiple antibiotic resistant *Vibrio cholerae* O1 in East Delhi, India: optimal treatment in cholera J Infect Dis in developing countries.

Kashyap, B., Kaur, T., Jhamb, R. and Kaur, I.R. 2012. 'Evaluating the utility of menstrual blood versus endometrial biopsy as a clinical sample in the diagnosis of Female Genital Tuberculosis'. *Asian J Med Res*, 1: 45-9.

Chakravarti, A., Matlani, M., Kashyap, B. and Kumar, A. 2012. 'Changing trends in epidemiology of dengue fever: essential for epidemiological surveillance'. *Indian J Med Microbiol*, 30: 222-26.

Kashyap, B., Mishra, P.K., Jhamb, R. and Kaur, I.R. 2012. 'Validation of bleach optimization for smear microscopy in pulmonary tuberculosis in resource- constrained settings'. *J Pharmaceut Biomed Sci*, 24: 21-5.

Chakravarti, A. and Kashyap, B. 2012. 'Viral diarrhea in developing countries - current scenario'. *J Gastro Infect*, 2: 3-11.

Rai, S., Niranjana, D.K., Singh, N.P. and Kaur, I.R. 'Carbapenemase Producing Proteus: Any Therapeutic Suggestions?' *Indian J Med Microbiol* (In Print: IJMM_12_385).

Rai, S., Marak, R.S.K. and Jain, S. 2012. 'Posterior Fossa Cryptococcoma in a patient with Idiopathic CD4 Lymphopenia'. *Indian J Med Microbiol.*, 30(3): 367-70.

Wadhwa, V., Rai, S., Thukral, T. and Chopra, M. 2012. 'Laboratory Quality Management System: Road to Accreditation and Beyond'. *Indian J Med Microbiol.*, 30(2): 55-60.

Rai, S., Jain, S., Prasad, K.N., Ghoshal, U. and Dhole, T.N. 2012. 'Rationale for Azithromycin prescribing practices for Enteric Fever in India'. *Indian J Med Microbiol.*, 30(1): 30-3.

Garima, K., Basil, M.V., Pathak, R., Kumar, S., Narang, A., Rawat, K.S., Chaudhry, A., Nair, D., Ramachandran, V.G. and Bose, M. 2012. 'Are we overlooking infections owing to non-Tuberculous mycobacteria during routine conventional laboratory investigations?' *International J Mycobacteriol*, 1(4), pp. 207-11.

Rumpa, S., Shukla, D. and Kaur, I. 2012. 'Towards the innovation for Microbiology curriculum change: students' perception'. *J Indian Med Association*. 110(8): 563-66.

OTORHINOLARYNGOLOGY

Seminars/ Conferences attended

Dr. V. Arora: Annual American Academy of Otolaryngology and Head Neck Surgery Foundation, Washington DC (Paper presentation) on September 2012.

Dr. A. Goyal and Dr. N. Gupta: 35th Annual Conference AOI Delhi Chapter (Invited speaker) (Effect of Chronic Otitis Media on Chorda Tympani) on 28-29 April 2012.

Dr. H.C. Taneja and Dr. A. Goyal: 65th Annual Conference of Association of Otolaryngologists of India, Pune (Invited talk) (Lacrimal Endoscopy- Role in DCR) on 3-6 January 2013.

Dr. L. Vaid and Dr. H.C. Taneja: 32nd Annual Conference of Neuro-otology and Equilibriometric society of India, Delhi, 19-21 April 2012.

35th Annual Conference AOI Delhi Chapter (Chairperson) on 28-29 April 2012.

Dr. L. Vaid, Dr. N. Gupta, Dr. A. Goyal and Dr. V. Arora: 25th Annual Conference of All India Rhinology Society, at IHC, Delhi (Chairperson) on 16-18 November 2012.

Publications

Research Article

Singh, P.P., Gupta, N., Goyal, A. and Tomar, S. 2012. 'Interventional Sialendoscopy for Parotid Ductal Calculi: Our Preliminary Experience'. *Ind J Otolaryngol Head Neck Surg*, 64(3): 252-56. DOI 10.1007/s12070-011-0361-0.

Gupta, N., Singh, P.P., Goyal, A. and Bhatia, D. 2013. Assessment of Olfaction using the 'I-Smell' Test in an Indian Population: A Pilot Study. *Ind J Otolaryngol Head Neck Surg*, 65(1): 6-11. DOI 10.1007/s12070-012-0566-x.

Schriever, V.A., Gupta, N., Pade, J., Szewczynska, M. and Hummel, T. 2013. Olfactory function following nasal surgery: a 1-year follow up. *Eur Arch Otorhinolaryngol*: 270, 107-111. DOI 10.1007/s00405-012-1972-0.

Schriever, V.A., Merkonidis, C., Gupta, N., Hummel, C. and Hummel, T. 2012. Treatment of smell loss with systemic methylprednisolone. *Rhinology*: 50: 000-000. DOI: 10.4193/Rhino.11.207.

Gupta, N., Drusch, J., Landis, B.N. and Hummel, T. 2013. Nasal Nitric Oxide Levels Do Not Allow for Discrimination Between Olfactory Loss Due To Various Etiologies. *Laryngoscope*, 123: 311-14. DOI: 10.1002/lary.23594.

Vaid, L., Arya, M., Gupta, N., Singh, P.P. and Saha, R. 2012. Impact of Biofilms on Quality of Life of Rhinosinusitis patients after Endoscopic Sinus Surgery. *Clin Rhinol: An International J*, 5(3): 95-102.

Gupta, N., Vaid, L. and Singh, P.P. 2013. 'Impact of Tonsillectomy on Quality of Life in Children: Our Experience'. *Asian J Ear, Nose, Throat*, 11-4.

Verma, P., Jain, N., Arya, M., Vaid, L. and Singh, P.P. 2013. Bilateral Antrochoanal Polyp in an adult female: A rare case. *Asian J Ear, Nose, Throat*: 25-27.

ORTHOPAEDICS

Seminars/Conferences attended

Dr. A. Aggarwal: Golden Jubilee Conference of Asia Pacific Orthopaedic Association, New Delhi.

Annual Conference of Indian Orthopaedic Association.

Dr. A.K. Jain: Annual Conference, South Zone OE Madurai on 15-16 September 2012.

Annual Conference of Indian Orthopaedic Association on 11-15 December 2012.

Dr. S. Kumar: Annual Conference of Indian Orthopaedic Association in September 2012.

Annual Conference of West Bengal Orthopaedic Association on May 2012.

Publications

Research Articles

Jain, A.K. 2012. 'Innovations in Orthopaedics: Hypothesis to publication'. *Indian J Orthop*. 46(6): 605-7.

Jain, A.K., Shrivastava, A., Saini, N.S., Sreenivasan, R. and Kumar, S. 2012. 'Efficacy of extended DOTS category I chemotherapy in spinal tuberculosis based on MRI—based healed status'. *Indian J Orthop*. 46(6): 633-39.

Modi, P., Dhammi, I.K., Rustagi, A. and Jain, A.K. 2012. 'Elbow dislocation with ipsilateral diaphyseal fractures of radius and ulna in an adult--is it type 1 or type 2 Monteggia equivalent lesion?' *Chin J Traumatol*. 1, 15(5): 303-5.

- Jain, A.K., Sreenivisan, R., Saini, N.S., Kumar, S. and Dhammi, I.K. 2012. 'Magnetic resonance evaluation of tubercular lesion in spine'. *Int Orthop.*, 36(2): 261-9.
- Gulati, D., Aggarwal, A.N., Kumar, S. and Aggarwal, A. 2012. 'Skeletal injuries following unintentional fall from height'. *Turkish J of Trauma and Emergency Surgery*, 18(2): 141-46.
- Jain, A.K. and Kumar, S. 2013. *Indian Journal of Orthopaedics: Journey continues*. *Indian J orthop*, 47(1): 1-5.
- Kumar, S. 2013. 'Venous thromboembolism in major lower limb orthopaedic surgery'. *Indian J orthop*, 47(2): 115-16.
- Hu, Q.S., Haq, R.U., Park, K.S., Yoon, T.R. and Lee, K.B. 2012. Dome osteotomy of the pelvis using a modified trochanteric osteotomy for acetabular dysplasia. *Int Orthop.*, 36(1): 9-15.
- Haq, R.U., Park, K.S., Yoon, T.R. 2012. Squeaking after Ceramic-On-Ceramic Total Hip Arthroplasty. *J Arthroplasty*. 2012 June, 27(6):909-15.
- Haq, R.U. and Dhammi, I.K. 2012. Clinical outcome following treatment of stable and unstable intertrochanteric fractures with dynamic hip screw (Letter to Editor). *Ann Acad Med Singapore*.
- 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.
- 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.
- Singh, A.P., Dhammi, I.K., Jain, A.K. and Singh, M.P. 2012. 'Neglected floating fifth metacarpal: a case report'. *Acta Orthop Traumatol Turc*. 46(2): 136-8.
- Haq, R.U. and Dhammi, I.K. 2012. 'Clinical outcome following treatment of stable and unstable intertrochanteric fractures with dynamic hip screw'. *Ann Acad Med Singapore*, 41(6): 275-6.
- Modi, P., Dhammi, I.K., Rustagi, A. and Jain, A.K. 2012. 'Elbow dislocation with ipsilateral diaphyseal fractures of radius and ulna in an adult-is it type 1 or type 2 Monteggia equivalent lesion?' *Chin J Traumatol*, 15(5): 303-5.
- Singh, A.P., Dhammi, I.K., Garg, V. and Singh, A.P. 2012. 'Outcome of surgical treatment of type IV capitellum fractures in adults'. *Chin J Traumatol*. 1, 15(4): 201-5.

V.P. CHEST INSTITUTE

Honours/Distinctions

Prof. Rajendra Prasad: President, 67th Conference on Tuberculosis and Chest Disease at Patna from 8-10 February 2013.

Chairman, Standing Technical Committee, Tuberculosis Association of India.

Vice-chairman, National Task Force RNTCP for involvement of medical colleges.

Editorial Advisor, in Journal of Clinical Epidemiology and Global Health of India since May 2012.

Prof. S.N. Gaur: 'Agnihotri - Jamil Memorial Oration' delivered at King George's Medical University, Lucknow Title of the oration: 'Allergen immunotherapy-Indian scenario and the guidelines' on 29 December 2012.

Secretary, National College of Chest Physicians (India).

Prof. Ashok Shah: Co-chairman The World Allergy Organisation's International Scientific Conference (2nd WISC), Hyderabad, India, 6-9 December 2012.

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. Chhabra: Editor, Indian Journal of Chest Diseases and 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. S.K. Bansal: Secretary, Association of Clinical Biochemists of India (Delhi Chapter).

Prof. Raj Kumar: Excellence Award for incredible contribution in the field of education, Mahatma Gandhi University, Meghalaya.

Section Editor Occupational Disorders and Research Methods, Lung India, an official publication of the Indian Chest Society.

Awarded Fellowship 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.

Dr. Madhu Khanna: Editor at Indian Journal of Virology, Journal of Virology Research and International Journal of Immunology Research.

Secretary-General, Biotechnology Society of India.

Joint Secretary, International Association of Medical and Pharmaceutical Virologists.

Dr. Anita Kotwani: Associate Editor, International Journal of User-Driven Healthcare.

Secretary, International Society for Pharmacoeconomics and Outcomes Research – India Chapter.

Dr. Kavita Gulati: Treasurer, Society of Nitric Oxide and Allied Radicles.

Dr. Vishal Bansal: Elected as Fellow (FCCP) of American College of Chest Physicians (ACCP), U.S.A.

Prof. K. Ravi: Invited as Visiting Consultant College of Medicine and Health Sciences, Sultan Qaboos University, Muscat.

Seminars/Conferences attended

Prof. Rajendra Prasad: 3rd International Conference of Bangladesh Lung Foundation at Dhaka on 20 February 2013.

Prof. A. Ray: Symposium on Advances in Herbal Drug Research during the 6th European Congress of Pharmacology, held in Granada, Spain from 17-20 July 2012.

Prof. Raj Kumar: 3rd International Conference on Lung Health-PULMOCON-2013 joint congress of Bangladesh Lung Foundation, SAAAACI, SATS, Dhaka, Bangladesh, 19-20 February 2013.

Dr. Anuradha Chowdhary: 18th ISHAM Conference at Berlin, Germany, 10-15 June 2012.

Dr. Vishal Bansal: 22nd Congress of the Romanian Society of Pneumology on: 'The Lung – Target or Cause' at Piatra MareHotel – Poiana Brasov, Romania, 30 May-2 June 2012.

Prof. Rajendra Prasad: National Conference on TB & Chest Diseases of TAI at Patna on 8th February 2013.

32nd Annual Convention of Indian Association for Cancer Research at Delhi, 13-16 February 2013.

Prof. S.N. Gaur: 46th Annual Convention of the Indian College of Allergy, Asthma and Applied Immunology, Varanasi, 2-4 November 2012.

'NAPCON-2012', the 14th Joint National Conference of National College of Chest Physicians (India) and the Indian Chest Society at Bhubaneswar from 17-20 November 2012.

Prof. A. Ray: IPS Conference at Chettinand Hospital and Research Institute, Chennai, 7-9 September 2012.

Conference on 'Practical Solutions to Challenges in Research Ethics – A focus on Human Research Programme, Bengaluru from 3-4 November 2012.

45th Annual Conference of Indian Pharmacology Society and International Conference on Navigating Pharmacology towards Safe & Effective Therapy, at Nagpur, 5-7 January 2013.

Prof. Ashok Shah: 'NAPCON-2012', the 14th Joint National Conference of National College of Chest Physicians (India) and the Indian Chest Society at Bhubaneswar, 17-20 November 2012.

Prof. Raj Kumar: 52nd Annual Conference of National Academy of Medical Sciences, Dr. M.G.R. Medical University, Chennai on 12 October 2012.

'NAPCON-2012', the 14th Joint National Conference of National College of Chest Physicians (India) and the Indian Chest Society at Bhubaneswar, 17-20 November 2012.

67th National Conference on Tuberculosis and Chest Diseases (NATCON 2012), Patna, 8-10 February 2013.

Dr. Balakrishnan Menon: 'NAPCON-2012', the 14th Joint National Conference of National College of Chest Physicians (India) and the Indian Chest Society at Bhubaneswar, 17-20 November 2012.

Dr. Mandira Varma-Basil, Dr. Madhu Khanna and Dr. Anuradha Chowdhary: 36th Annual Congress of Indian Association of Medical Microbiologists, Delhi, 22-25 November 2012.

Dr. Kavita Gulati: IPS Conference (Southern Region) at Chettinand Hospital and Research Institute, Chennai, 7-9 September 2012.

Conference on 'Practical Solutions to Challenges in Research Ethics – A focus on Human Research Programme, Bengaluru, 3-4 November 2012.

45th Annual Conference of Indian Pharmacology Society and International Conference on Navigating Pharmacology towards Safe & Effective Therapy, at Nagpur, 5-7 January 2013.

Dr. Vishwajeet Rohil: 39th Annual Conference of Association of Clinical Biochemists of India, Ranchi, 11-14 December 2012.

Dr. Ritu Kulshrestha: International Conference on Environment and Human Health and XXV Annual Conference, INSA, New Delhi, 28-29 November 2012.

67th National Conference on Tuberculosis and Chest Diseases (NATCON 2012), Patna from 8-10 February 2013.

Publications

Books

Kulshrestha, R. 2012. 'Pathology of Pleural Diseases', Vidyanilyam Prakashan, Delhi.

Ray, A. and Gulati, K. 2012. 'Translational Research in New Drug Development', Delhi: Vidyanilyam Prakashan.

Research Articles

Abhimanyu, Bose, M. and Jha, P. 2012. 'Indian Genome Variation Consortium. Footprints of genetic susceptibility to pulmonary tuberculosis: cytokine gene variants in North Indians'. Indian J. Med. Res. 135: 763-70.

Abhimanyu, Bose, M. 2012. 'Reporting genetic association studies: the roadblocks and guiding rules for robust results'. Lung. 190: 587-8.

Agarwal, K., Chowdhary, A. and Gaur, S.N. 2012. 'A rare case of allergic bronchopulmonary aspergillosis in a patient with chronic obstructive pulmonary disease'. Indian J. Allergy Asthma Immunol. 26: 20-4.

Ahmad, Iqbal, Siddiqui, Huma, Rastogi, S.K., Khan, M.I., Patil, Govil, Jamal, M. Arif, and Prasad, R. 2012. 'Respiratory toxicity in bone-based industrial workers in India'. Arch. Environ. Sci. 6: 50-6.

- Chhabra, S.K. and Chhabra, P. 2012. 'Estimating prevalence of chronic obstructive pulmonary disease: from questionnaires to spirometry'. *Indian J. Chest Dis. Allied Sci.* 54: 155-8.
- Chhabra, S.K., Ramaswamy, S. and Gupta, M. 2012. 'A large bulla simulating diaphragmatic eventration'. *Indian J. Chest Dis Allied Sci.* 54: 117-8.
- Chhabra, S.K. 2013. 'Test of reversibility of airways obstruction: Time for a review'? *Lung India*, 30: 3-4.
- Chowdhary, A., Agarwal, K., Kathuria, S., Kumar, P., Roy, P., Gaur, S.N., Rodrigues, A.M., DeHoog, G.S. and Meis, J.F. 2012. 'First human case of pulmonary fungal ball due to a *Perenniporia*-like species (Basidiomycetes)'. *J. Clin. Microbiol.* 50: 3786-91.
- Chowdhary, A., Agarwal, K., Randhawa, H.S., Kathuria, S., Gaur, S.N., Najafzadeh, M.J., Roy, P., Arora, N., Khanna, G. and Meis, J.F. 2012. 'A rare case of allergic bronchopulmonary mycosis caused by *Alternaria alternata*'. *Med. Mycol.* 50: 890-6.
- Chowdhary, A., Kathuria, S., Xu, J., Sharma, C., Sundar, G., Singh, P.K., Gaur, S.N., Hagen, F., Klaassen, C.H. and Meis, J.F. 2012. Clonal expansion and emergence of environmental multiple-triazole-resistant *Aspergillus fumigatus* strains carrying the TR34/L98H mutations in the *cyp51A* Gene in India. *Plos ONE*. [Epub ahead of print]. 7(12):e52871. doi: 10.1371/journal.pone.0052871. Epub.
- Chowdhary, A., Agarwal, K., Kathuria, S., Gaur, S.N., Randhawa, H.S. and Meis, J.F. 2013. 'Allergic bronchopulmonary mycosis due to fungi other than *Aspergillus*: a global overview'. *Crit. Rev. Microbiol.* (early online): 1-19. doi: 10.3109/1040841X.2012.754401.
- Chowdhary, A., Agarwal, K., Kathuria, S., Singh, P.K., Roy, P., Gaur, S.N., de Hoog, G.S. and Meis, J.F. 2013. 'Clinical significance of filamentous basidiomycetes illustrated by isolates of the novel opportunist *Ceriporia lacerata* from the human respiratory tract'. *J. Clin. Microbiol.* 51: 585-90.
- Chowdhary, A., Kathuria, S., Singh, P.K., Agarwal, K., Gaur, S.N., Roy, P., Randhawa, H.S. and Meis, J.F. 2013. Molecular characterization and in vitro antifungal susceptibility profile of *Schizophyllum commune*: an emerging basidiomycete in bronchopulmonary mycoses. *Antimicrobial Agents. Chemother.* doi:10.1128/AAC.02619-12.
- Chugh, T., Goel, N., Bhargava, S.K. and Kumar, R. 2012. 'Correlation of Physiological and Radiological characteristics in Chronic Obstructive Pulmonary Disease'. *Indian J. Chest Dis. Allied Sci.* 54: 235-42.
- Chowdhary, A., Randhawa, H.S., Kathuria, S., Gaur, S.N., Roy, P., Klaassen, C.H. and Meis, J.F. 2013. *Schizophyllum commune* as an emerging fungal pathogen: A review and report of two cases. *Mycoses.* 56:1-10.
- Chowdhary, A., Randhawa, H.S., Prakash, A., Kathuria, S., Hagen, F., Klaassen, C.H. and Meis, J.F. 2013. First environmental isolation of *Cryptococcus gattii*, genotype AFLP5, from *Manilkara hexandra* tree in India. *Mycoses.* [doi:10.1111/myc.12039].
- Garg, R., Singh, A., Prasad, R., Sahar, S., Jabeed, P. and Verma, R. 2012. 'A comparative study on the clinical and polysomnographic pattern of obstructive sleep apnea among obese and non – obese subjects'. *Ann. Thorac. Med.* 7: 26-30.

- Garima, K., Varma, B., Mandira, P., Kumar, R., Sujeet, N., Rawat, A., Singh, K., Chaudhary, A., Nair, D., Ramachandran, V.G. and Bose, M. 2012. 'Are we overlooking infections owing to non-tuberculous mycobacteria during routine conventional laboratory Investigations?' *Intl.J.Mycobacteriol.*1:207-11.
- Gaur, S.N. and Kumar, R. 2012. *API Text Book of Medicine*, Editor in Chief: YP Munjal, Exe. Editor: Sharma, S.K. Published by Jaypee Brothers Medical Publishers. (Book review). *Indian J. Chest Dis. Allied Sci.* 54: 204.
- Govindaraj, D., Gaur, S.N. and Arora, N. 2013. Characterization of recombinant per a 10 from *Periplaneta americana*. *Clin. Vaccine. Immunol.* 20: 262-8.
- Grover, C., Goel, N., Chugh, K., Gaur, S.N., Armour, C., Van Asperen, P.P., Moles, R.J. and Saini, B. 2013. Medication use in Indian children with asthma - The User's Perspective. *Respirology*.
- Guhathakurta, S., Gulati, K., Shakir, Jamil S., Vijayan, V.K., Ray, A. and Banerji, B.D. 2012. Experimental studies on the mast cell stabilizing and bronchorelaxant effects of UNIM-352, a polyherbal Unani preparation, with therapeutic potential in bronchial asthma. *Medicinal Plants*, 4: 83-9.
- Guhathakurta, S., Gulati, K., Rai, N., Banerji, B.D., Shakir, J.S. and Ray, A. 2013. An experimental study to evaluate the anti-inflammatory and immunomodulatory effects of UNIM-352, a polyherbal preparation for bronchial asthma. *Medicinal Plant Research*, 3: 3-12. [doi: 10.5376/mpr.2013.03.0002].
- Gulati, K. and Ray, A. 2012. Pharmacology of the pleura: basic and applied concepts. In: 'Pathology of Pleural Diseases' (Ed. Kulshrestha, R.), pp. 119-34, Delhi: Vidyanilyam Prakashan.
- Gulati, K., Anand, R., Joshi, J.C. and Ray, A. 2012. Opioidergic mechanisms during stress and its regulation by nitric oxide (NO). In: 'Translational Research in New Drug Development' (eds) Ray, A. and Gulati, K., pp. 159-84, Delhi: Vidyanilyam Prakashan.
- Gulati, K., Guhathakurta, S., Siddiqui, M.K., Vijayan, V.K. and Ray, A. 2012. Translational studies with a polyherbal agent in bronchial asthma: a reverse pharmacology approach. In: 'Translational Research in New Drug Development' (eds) Ray, A. and Gulati, K., pp. 255-68, Delhi: Vidyanilyam Prakashan.
- Gupta, M., Roshan, R. and Chhabra, S.K. 2012. Allergic bronchopulmonary aspergillosis without asthma complicating pulmonary tuberculosis. *Lung India.* 29: 286-8.
- Gupta, P., Tripathi, A.K., Jain, A., Prasad, R., Singh, K.P., Vaish, A.K. and Mishra, R.P. 2012. 'Effects of IRIS development on survival in HIV-TB patients on antiretroviral therapy among north Indian population'. *Indian J. Community Health.* 24: 129-33.
- Gupta, P., Singh, K.P., Tripathi, A.K., Jain, A. and Prasad, R. 2013. 'Role of polymerase chain reaction as a diagnostic tool in pulmonary tuberculosis'. *J. Rec. Advan. Appl. Sci.* 28: 19-24.
- Jain, A., Dixit, P. and Prasad, R. 2012. Pre-XDR & XDR in MDR and Ofloxacin and Kanamycin resistance in non-MDR *Mycobacterium tuberculosis* isolates. *Tuberculosis.* 92: 404-6.

- Khanna, M., Saxena, L., Gupta, A., Kumar, B., Rajput, R. and Gaur, S.N. 2013. Influenza pandemics of 1918 and 2009: a comparative account. *Future Virology*. 8: 335-42.
- Kotwani, A. 2012. 'Psychiatric medicines in India: why public healthcare facilities and a thriving generics industry cannot assure access and affordability'. *International Psychiatry*. 9: 34-6.
- Kotwani, A. and Shendge, S. 2012. 'Asthma self-management: a study in an emergency room of a chest hospital in Delhi, India'. *Southern Med. Review*. 2: 20-5.
- Kulshrestha, R. 2012. Adequacy and reporting of the pleural biopsy. In: *Pathology of Pleural Diseases* (ed.) Kulshrestha, R., pp. 47-58, Delhi: Vidyanilyam Prakashan.
2012. Pleural fibrosis. In: *Pathology of Pleural Diseases* (ed.) Kulshrestha, R., pp. 145-56, Delhi: Vidyanilyam Prakashan.
2012. Processing of the pleural biopsy. In: *Pathology of Pleural Diseases* (ed.) Kulshrestha, R., pp. 43-6, Delhi: Vidyanilyam Prakashan.
- Kumar, B., Kumar, P., Rajput, R., Daga, M.K., Singh, V. and Khanna, M. 2012. 'Comparative reproducibility of SYBR Green I and TaqMan real-time PCR chemistries for the analysis of matrix and hemagglutinin genes of Influenza A viruses'. *Intl. J. Collaborative Res. Internal Med. Public Health*. 4: 1346-52.
- Kumar, R. 2012. Allergy: the menace. *Life Science India*, 68-69.
- Kumar, R. and Behera, D. 2012. 'Smoking and tuberculosis'. *Indian J. Tuberc.* 59: 125-9.
- Kumar, R. and Gupta, N. 2012. Thoracoscopy and pleural biopsy technique. In: *Pathology of Pleural Diseases* (ed.) Kulshrestha, R., pp. 33-42, Delhi: Vidyanilyam Prakashan.
- Kumar, R., Goel, N. and Gaur, S.N. 2012. Sarcoidosis in North Indian Population: Retrospective study. *Indian J. Chest Dis. Allied Sci.* 54: 99-104. (Erratum in *Indian J. Chest Dis. Allied Sci.* 54: 203).
- Kumari, D., Naveen, A., Kasera, R., Sridhara, S., Kumar, R. and Singh, B.P. 2012. Isolation and characterisation of a 28KDa major allergen from black gram (*Phaseolus Mungo*). *Immunobiology*. 217: 895-904.
- Maurya, V., Gupta, A.G., Dewan, R.K., Jain, S. and Shah, A. 2013. 'Spontaneous resolution of an inflammatory pseudotumour of the lung subsequent to wedge biopsy'. *Arch. Bronconeumol.* 49: 31-4.
- Mir, E., Panjabi, C. and Shah, A. 2012. 'Impact of allergic rhinitis on school going children'. *Asia Pac. Allergy*. 2: 93-100.
- Mittal, V. and Shah, A. 2012. 'Situs inversus totalis: the association of Kartagener's syndrome with diffuse bronchiolitis and azoospermia'. *Arch. Bronconeumol.* 48: 179-82.
- Patil, G., Khan, M.I., Patel, D.K., Sultana, S., Prasad, R. and Ahmad, I. 2012. Evaluation of cytotoxic, oxidative stress, proinflammatory and genotoxic responses of micro and nano-particles of dolomite on human lung epithelial cells A₅₄₉. *Environ. Toxicol. Pharmacol.* 34: 436-45.

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2012. Management of drug resistant and multidrug resistant tuberculosis. In: Sandhya, K. Editor. *Medicine Update.* 22: 42-53.
2012. Multidrug and extensively drug-resistant tuberculosis management: evidences and controversies (Review Article). *Lung India.* 29, 154-9.
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- Prasad, R., Verma, S.K., Garg, R., Jain, A., Anand, S.C., Hosmane, G.B., Verma, R.K., Kushwaha, N.S. and Kant, S. 2012. 'Drug susceptibility pattern of Mycobacterium tuberculosis isolates from patients of Category-II failure of pulmonary tuberculosis under directly observed treatment short-course from north India'. *BioScience Trends.* 6: 110-4.
- Prasad, R. and Kumar, R. 2013. 'Allergy situation in India: what is being done?' (Editorial). *Indian J. Chest Dis. Allied Sci.* 55: 7-8.
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- Randhawa, H.S., Chowdhary, A., Kathuria, S., Roy, P., Misra, D.S., Jain, S. and Chugh, T.D. 2012. 'Blastomycosis in India: report of an imported case and current status'. *Med. Mycol.* [May 31. Epub ahead of print].
- Ray, A., Gulati, K. and Vijayan, V.K. 2012. Clinical and Experimental Studies on the Safety Pharmacology of Theophylline: A Translational Approach. In 'Translational Research in New Drug Development' (eds) Ray, A. and Gulati, K., pp. 221-34, Delhi: Vidyanilyam Prakashan.
- Rynga, D., Shariff, M. and Deb, M. 2013. 'Multi-locus sequence types of *Acinetobacter baumannii* clinical isolates from India'. *J. Infect Dev. Ctries.* 7: 358-60.
- Shah, A, 2012. 'Plagiarism: the bête noire of scientific communication'. [Editorial] *Indian J. Chest Dis. Allied Sci.* 54: 87-8.
- Shah, A. and Panjabi, C. 2012. Anaerobic bacterial infections of the lungs and the pleura. In: *Handbook of Pulmonary and Critical Care Medicine* (Editor Jindal, S.K.), pp. 214-9. New Delhi: Jaypee Brothers.
- Shariff, M., Choudhary, J., Zahoor, S. and Deb, M. 2013. 'Characterization of *Streptococcus pneumoniae* isolates from India with special reference to their sequence types'. *J. Infect Dev. Ctries.* 7: 101-9.

Sharma, P., Gaur, S.N. and Arora, N. 2013. In silico identification of IgE-binding epitopes of osmotin protein. PLoS One. 8: e54755. doi: 10.1371/journal.pone.0054755.

Shendge, S., Deka, B. and Kotwani, A. 2012. 'A cross-sectional evaluation of illness perception about asthma among asthma patients at a referral tertiary care public chest hospital in Delhi, India'. Intl J. User-Driven Healthcare, 2: 32-43.

Singh, V., Pandey, S., Singh, A., Gupta, R., Prasad, R. and Negi, M.P. Singh. 2012. 'Study pattern of snoring and associated risk factors among medical students'. BioScience Trends, 6: 57-62.

Soundarya, D. and Kulshrestha, R. 2012. Pleural mesothelial cells and cellular interactions in the pleura. In: Pathology of Pleural Diseases (ed.) Kulshrestha R., pp. 59-70, Delhi: Vidyanyam Prakashan.

Srivastava, V., Khanna, M., Sharma, S. and Kumar, B. 2012. 'Resolution of immune response by recombinant transforming growth factor-beta (rTGF- β) during influenza A virus infection'. Indian J. Med. Res. 136: 641-8.

FACULTY OF INTER-DISCIPLINARY AND APPLIED SCIENCES

BIOCHEMISTRY

Ph.D. Degrees awarded

Ph.D. : 2

Honours/Distinctions

Dr. Alo Nag: Invited as Research Scientist Fellow in University of Illinois at Chicago, USA.

Invited to deliver a talk on 'HPV-E6 Oncoprotein Targets Sumoylated hADA3 in Cervical Cancer' at Department of Biological Sciences in University of Illinois at Chicago, USA.

Received Appreciation Award from Carcinogenesis Foundation, USA for organizing Carcinogenesis 2012 International Conference.

Dr. Suneel Kateriya: Max-Planck Visiting Fellow (2012-2016)-DST-India and Max-Planck Group-Germany.

Seminars/Conferences attended

Prof. Prahlad C. Ghosh, Dr. Enna Dogra Gupta and Dr. Manchikatla Venkat Rajam: Presented poster at 3rd RNAi Research & Therapeutics Conference, Boston, MA, USA, 30-31 May 2012.

Dr. Suman Kundu and Dr. Sheetal Uppal: 'Striking Aspects of Stability and Folding of a Cyanobacterial Globin', XVIIth International Conference on Oxygen Binding and Sensing Proteins, University of Parma, Italy, 29th Aug – 1st Sept, 2012.

Dr. Suneel Kateriya, Dr. Mayanka Awasthi* and Dr. Jyoti Batra: Disulfide Bridge Mediates the Apparent Lipid Specificity and Dimer Stability of Membrane Bound Phospholipase C in *C. reinhardtii*, 15th International Conference on the Cell and Molecular Biology of Chlamydomonas, Potsdam, Germany, 5-10 June 2012.

Dr. Peeyush Ranjan, Dr. Mayanka Awasthi, Dr. Rudra Shankar, Dr. Peter Hegemann and Dr. Suneel Kateriya: Distribution of Modular Enzymes in Microalgae, 15th International Conference on the Cell and Molecular Biology of Chlamydomonas, Potsdam, Germany, 5-10 June 2012.

Dr. Indu Barwal, Dr. Peeyush Ranjan, Dr. Suneel Kateriya and Dr. Subhash C Yadav: Cellular oxido-reductive proteins of *Chlamydomonas reinhardtii* control the biosynthesis of nanoparticles, 15th International Conference on the Cell and Molecular Biology of Chlamydomonas, Potsdam, Germany, 5-10 June 2012.

Prof. Anil K. Tyagi: Zoonotic Mycobacterial Infections and their Impact on Public Health, AIIMS, New Delhi, 25-27 February 2013.

Science, Technology and Innovation (STI) Policy – a Brainstorming Conference on implementation aspects, National Institute of Plant Genome Research, New Delhi, 2 March 2013.

National Symposium on 'Ramachandran Manifestation: Peptide to Proteome', UDSC, New Delhi, 14-15 March 2013.

Prof. Prahlad C. Ghosh: Invited to serve as a Chairperson of a session of the International Conference 'Carcinogenesis 2012' on Frontiers in Carcinogenesis and Preventive Oncology: Molecular Mechanisms to Therapeutics, New Delhi, 19-21 November 2012.

Dr. Manendra Pachauri and Dr. Prahlad C. Ghosh: Presented poster Combination of Curcumin and Monensin Loaded Poly (lactic-co-glycolic acid) Nanoparticles for Cancer Therapy at 3rd International Conference of Carcinogenesis Foundation--Frontiers in Carcinogenesis and Preventive Oncology Molecular Mechanisms to Therapeutics, New Delhi, 19-21 November, 2012. The first author was selected for Award of Excellence.

Dr. Enna Dogra Gupta, Dr. Prahlad C. Ghosh and Dr. Manchikatla Venkat Rajam: Presented poster RNAi-mediated silencing of polyamine biosynthesis genes for the control of growth of MCF7 cells in vitro: at 3rd International Conference of Carcinogenesis Foundation- Frontiers in Carcinogenesis and Preventive Oncology Molecular Mechanisms to Therapeutics, New Delhi, 19-21 November 2012.

Prof. Debi P. Sarkar: Attended International Conference on Carcinogenesis as a Chairperson in RML Hospital, New Delhi, 19-21 November 2012.

Dr. Suman Kundu: 'Stability, Folding and Amyloidogenesis of a Novel Hemoglobin – Model for Engineering Heme Stability', International Interdisciplinary Science Conference on Protein Folding and Diseases, Jamia Millia Islamia, New Delhi, 8-10 December 2012.

Dr. S. Durai, Dr. Nirpendra Singh, Dr. Suman Kundu and Dr. K. Balamurugan: 'Proteomic approach to probe *Caenorhabditis elegans* response against *V. alginolyticus* infection', International Symposium on Proteomics Beyond ID's and Fourth Annual Meeting of Proteomics Society of India, National Chemical Laboratory, Pune, 22-24 November 2012.

Dr. Sanjay Kumar Dey and Dr. Suman Kundu: 'Identification of Novel Inhibitors against Human Dopamine- β -Hydroxylase, a Drug Target for Cardiovascular Diseases', National Symposium on Frontiers of Biophysics, Biotechnology and Bioinformatics and 37th Annual Meeting of Indian Biophysical Society (IBS), University of Mumbai, Kalina Campus, Mumbai, 13-16 January 2013. (The first author received Ratna Phadke Young Scientist Award).

Dr. Alo Nag: Served as Organizing Secretary of the International Conference on 'Carcinogenesis 2012' on Frontiers in Carcinogenesis and Preventive Oncology: Molecular Mechanisms to Therapeutics, New Delhi, 19-21 November 2012.

Dr. Vaibhav Chand, Dr. Rince John, Dr. Neha Jaiswal, Dr. Vanadana Kumari and Dr. Alo Nag: Presented poster: 'Downregulation of hADA3 Promotes Epithelial to Mesenchymal Transition in Cervical Cancer', 3rd International Conference of Carcinogenesis Foundation - Frontiers in Carcinogenesis and Preventive Oncology Molecular Mechanisms to Therapeutics, RML Hospital, New Delhi, 19-21 November 2012. The first author was selected for oral presentation and received Excellence Award.

Dr. Neha Jaiswal, Dr. Rince John, Dr. Vaibhav Chand and Dr. Alo Nag: Presented poster 'FoxM1: A Key Player in HPV-Mediated Oncogenesis', Carcinogenesis 2012, 3rd International Conference of the Carcinogenesis Foundation - Frontiers in Carcinogenesis and Preventive Oncology: Molecular Mechanisms to Therapeutics, RML Hospital, New-Delhi, India, 19-21 November 2012. The first author was selected for a podium presentation and received an Excellence Award.

Dr. Rince John, Dr. Vaibhav Chand, Dr. Neha Jaiswal and Dr. Alo Nag: Presented poster 'Enhancing the Therapeutic Potential of Chemotherapeutic Drugs by Modulating hADA3 Protein level', Carcinogenesis 2012, 3rd International Conference of the Carcinogenesis Foundation - Frontiers in Carcinogenesis and Preventive Oncology: Molecular Mechanisms to Therapeutics, RML hospital, New-Delhi, 19-21 November 2012.

Invited to deliver a lecture on 'Combating Cancer Through Discovery of Novel Molecular Targets' in the 3rd International Cancer Research Symposium, Swisshotel, Kolkata, 18-21 December 2012.

Invited to deliver a lecture on 'ADA3, A Novel Molecular Target for Cancer Therapy' in the International Symposium on Infection and Cancer, ACBR, New Delhi, 13-16 February 2013.

Publications

Jain, R., Dey, B. and Tyagi, A.K. 2012. 'Development of the first oligonucleotide microarray for global gene expression profiling in guinea pigs: defining the transcription signature of infectious diseases'. *BMC Genomics*, 13: 520-30.

Saini, V., Raghuvanshi, S., Khurana, J.P., Ahmed, N., Hasnain, S.E., Tyagi, A.K. and Tyagi, A.K. 2012. 'Massive gene acquisitions in *Mycobacterium indicus pranii* provide a perspective on mycobacterial evolution'. *Nucleic Acids Research*. 1-19, doi:10.1093/nar/gks793.

Khare, G., Nangpal, P. and Tyagi, A.K. 2013. 'Unique residues at the 3-fold and 4-fold axis of mycobacterial ferritin are involved in oligomer switching'. *Biochemistry*, 52(10): 1694-1704.

Goel, D., Rajendran, V., Ghosh, P.C. and Bhatnagar, R. 2013. 'Cell mediated immune response after challenge in Omp25 liposome immunized mice contributes to protection against virulent *Brucella abortus* 544'. *Vaccine*, 31(8): 1231.

- Bhat, P., Gnanasundram, S.V., Mani, P., Debi P Sarkar and Das, S. 2012. 'Targeting ribosome assembly on the HCV RNA using a small RNA molecule'. *RNA Biology*, Vol. 9(8), pp. 1-10.
- Arya, R., Sundd, M. and Kundu, S. 2012. 'Structural and functional aspects of acyl-coenzyme A binding proteins (ACBPs): a comprehensive review'. *J. Prot. Proteomics*, 3, 61-71.
- Jangir, D.K., Dey, S.K., Kundu, S. and Mehrotra, R. 2012. 'Assessment of amsacrine binding with DNA using UV-visible, circular dichroism and Raman spectroscopic techniques'. *J. Photochem. Photobiol. B*. 114, 38-43.
- Ray, A., Roy, C.L., Kumar, A., Mani, P., Joseph, A.P., Sudha, G., Sarkar, D.P., Srinivasan, N., and Das, S. 2013. 'Inhibition of the interaction between NS3 protease and HCV IRES with a small peptide: A novel therapeutic strategy'. *Molecular Therapy*, Vol. 21(1), pp. 57-67.
- Mohibi, S., Gurumurthy, C.B., Nag, A., Mirza, S., Mian, Y., Quinn, M., Naramura, M., Band, H. and Band, V. 2012, 'Alteration/deficiency in activation 3 is essential for mouse embryonic development and cell cycle progression'. *J Biol Chem*. 287(35): 29442-56.
- Trippens, J., Greiner, A., Schellwat, J., Neukam, M., Rottmann, T., Yinghong Lu, Kateriya, S., Hegemann, P. and Kreimer, G. 2012. 'Phototropin Influence on Eyespot Development and Control of Phototactic Behavior in *Chlamydomonas reinhardtii*'. *Plant Cell*. 24, 4687-4702.
- Kumar, S., Kateriya, S., Singh, V.S., Tanwar, M., Agarwal, S., Singh, H., Khurana, J.P., Amla, D.V. and Tripathi, A.K. 2012. Bacteriophytochrome controls carotenoid-independent response to photodynamic stress in a non-photosynthetic rhizobacterium, *Azospirillum brasilense* Sp7. *Sci Rep*. 2, 872. (Nature Publishing Group).
- Luck, M., Mathes, T., Bruun, S., Fudim, R., Hagedorn, R., Nguyen, T.M., Kateriya, S., Kennis, J.T., Hildebrandt, P. and Hegemann, P. 2012. 'A photochromic histidine kinase rhodopsin (HKR1) that is bimodally switched by UV and blue light'. *J Biol Chem*. 287, 40083-40090.
- Awasthi, M., Batra, J. and Kateriya, S*. 2012. Disulphide Bridges of Phospholipase C of *Chlamydomonas reinhardtii* Modulates Lipid Interaction and Dimer Stability. *PLoS One*. 7(6):e39258. Epub.
- Penzkofer, A., Stierl, M., Hegemann, P. and Kateriya, S. 2012. 'Absorption and fluorescence characteristics of photo-activated adenylate cyclase nano-clusters from the amoebflagellate *Naegleria gruberi* NEG-M strain'. *Chem. Phys*. 392, 46-54.
- Alfons, P., Tanwar, M., Veetil, S.K., Kateriya, S., Stierl, M. and Peter Hegemann, P. 2013. 'Photo-dynamics and thermal behavior of the BLUF domain containing adenylate cyclase NgPAC2 from the amoebflagellate *Naegleria gruberi* NEG-M strain *Chemical Physics*'. 412: 96-108.
- Sizova, I., Greiner, A., Awasthi, M., Kateriya, S. and Hegemann, P. 2013. 'Nuclear gene targeting in *Chlamydomonas* using engineered zinc-finger nucleases'. *Plant Journal*. 73: 873-82.

ELECTRONIC SCIENCE

Seminars/Conferences attended

Talk by Prof. Renuka P. Jindal, Junior Past President, IEEE, University of Louisiana, Lafayette, LA, USA on 'Nano-FET Fluctuation Physics', co-ordinated by Prof. Mridula Gupta and sponsored by IEEE EDS Chapter, Delhi, 12 April 2012.

Talk by Prof. V. Ramgopal Rao, Institute Chair Professor, IIT Bombay on "Convergence of Bio-Nano-Information Technologies in the 'More than Moore' Era", co-ordinated by Prof. Mridula Gupta, sponsored by IEEE EDS Chapter, Delhi, 26 April 2012.

Talk by Dr. Rajendra Singh, Holcombe Department of Electrical and Computer Engineering, Clemson University on 'Semi-conductor Manufacturing in Sub 20 nm Era: Challenges and Opportunities', co-ordinated by Prof. Mridula Gupta, sponsored by IEEE EDS Chapter, Delhi, 7 January 2013.

First National Conference on Recent Developments in Electronics (NCRDE 2013), co-ordinated by Prof. Mridula Gupta sponsored by IEEE EDS Chapter, Delhi, Sponsored by Agmatel, Eigen Technologies, 18-20 January 2013.

Prof. Avinashi Kapoor: Preparation and characterization of Zinc Oxide/polymer Nanocomposites by sol-gel method presented at NCRDE-2013.

Swift heavy ions irradiation on CdO thin films deposited by sol-gel spins coating method: presented at ICNST-2013.

Theoretical analysis of dye-sensitized solar cell using lambert w-function- presented at ICNST-2013.

Planar dielectric waveguides with dual resonance nature ITO claddings and their applications- presented at ICNST -2013.

Prof. Mridula Gupta: INDICON 2012 Presented paper titled 'Theoretical Investigation of Back Gate Bias on the Electrostatic Integrity of Insulated Shallow Extension Silicon On Void (ISESOV) MOSFET' authored by Vandana Kumari, Manoj Saxena, R.S. Gupta, and Mridula Gupta, (Innovations in Social and Humanitarian Engineering), Kochi, Kerala, 7-9 December 2012.

ICEE 2012 (International Conference on Emerging Electronics), IIT Bombay, Powai, Mumbai, 15-17 December 2012.

Prof. Enakshi K. Sharma: International Conference on Fiber Optics and Photonics (PHOTONICS), Indian Institute of Technology, Madras, Chennai, Tamilnadu, 9-12 December 2012.

First National Conference on Recent Developments in Electronics, (NCRDE 2013), University of Delhi South Campus, New Delhi, 18-20 January 2013.

Publications

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'Two Dimensional Analytical Subthreshold Model of Nanoscale Cylindrical Surrounding Gate MOSFET Including impact of Localised Charges', Journal of Computational and Theoretical Nanoscience, Vol. 9, No. 4, pp. 602-10.

Bhattacharya, M., Jogi, J., Gupta, R.S. and Gupta, M. 2012. 'An Accurate Charge-Control Based Approach for Noise Performance Assessment of a Symmetric Tied-Gate InAlAs/InGaAs DG HEMT', IEEE Transactions on Electron Devices, Vol. 59, No. 6, pp. 1644-52.

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'Effect of Localised Charges on Nanoscale Cylindrical Surrounding Gate MOSFET: Analog Performance and Linearity Analysis', Microelectronics Reliability, Vol. 52, No. 6, pp. 989-94.

Kumari, V., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'Temperature Dependent Drain Current Model for Gate Stack Insulated Shallow Extension Silicon on Nothing (ISESON) MOSFET for wide operating temperature range', Microelectronics Reliability, Vol. 52, No. 6, pp. 974-83.

2012. 'Simulation Study of Insulated Shallow Extension Silicon On Nothing (ISESON) MOSFET for High Temperature Applications', Microelectronics Reliability, Vol. 52, No. 8, pp. 1610-12.

2012. 'Two dimensional analytical drain current model for Double Gate MOSFET incorporating Dielectric Pocket (DP-DG)'. IEEE Transactions on Electron Devices, Vol. 59, No. 10, pp. 2567-74.

Narang, R., Reddy, K.V.S., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'A Dielectric Modulated Tunnel FET based Biosensor for Label Free Detection: Analytical Modeling Study and Sensitivity Analysis'. IEEE Transactions on Electron Devices, Vol. 59, No. 10, pp. 2809-17.

Ghosh, P., Halder, S., Gupta, R.S. and Gupta, M. 2012. 'An Accurate Small Signal Modeling of Cylindrical/Surrounded Gate MOSFET for High Frequency Applications'. Journal of Semiconductor Technology and Science, Vol. 12, No. 4.

2012. 'Analytical Modeling and Simulation for Dual Metal Gate Stack Architecture (DMGSA) Cylindrical/Surrounded Gate MOSFET'. Journal of Semiconductor Technology and Science, Vol. 12, No. 4.

2012 'An Investigation of Linearity Performance and Intermodulation Distortion of GME CGT MOSFET for RFIC Design'. IEEE Transactions on Electron Devices, Vol. 59, No. 12, pp. 3263-68.

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'Numerical Model of Gate All Around MOSFET With Vacuum Gate Dielectric For Biomolecule Detection', IEEE Electron Device Letters, Vol. 33, No. 12, pp. 1756-58.

2012. 'Numerical analysis of localised charges impact on Static and Dynamic Performance of Nanoscale Cylindrical Surrounding Gate MOSFET Based CMOS Inverter', Microelectronics Reliability, Vol. 53, Issue 2, pp. 236-44.

Narang, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'Assessment of Ambipolar Behavior of a Tunnel FET and Influence of Structural Modifications'. Journal of Semiconductor Technology and Science, Vol. 12, No. 4, pp. 482-91.

Kumari, V., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'Investigation of Empty Space in Nanoscale Double Gate (ESDG) MOSFET for High Speed Digital Circuit Applications'. Journal of Semiconductor Technology and Science.

2013. 'Analog and Digital Performance Assessment of Empty Space in Double Gate (ESDG) MOSFET: A Novel Device Architecture'. JCTN, Vol. 10, No. 2, pp. 389-98.
- Bhattacharya, M., Jogi, J., Gupta, R.S and Gupta, M. 2013. 'Temperature Dependent Analytical Model for Microwave and Noise Performance Characterization of $\text{In}_{0.52}\text{Al}_{0.48}\text{As}/\text{In}_m\text{Ga}_{1-m}\text{As}$ (0.53 d+ m d+ 0.8) DG-HEMT'. IEEE Transactions on Device and Material Reliability, Vol. 13, No. 1, pp. 293-300.
- Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2013. 'Hot Carrier Reliability of Gate All Around MOSFET for RF/Microwave Applications'. IEEE Transactions on Device and Material Reliability, Vol. 13, No. 1, pp. 245-51.
- Kaur, A., Singh, I., Kumar, J., Madhwal, D., Bhatnagar, P K., Mathur, P.C., Bernardo, C.A. and Paiva, M.C. 2013. 'Environment friendly highly sensitive Ethanol vapor sensor based on Polymethylethacrylate: Functionalized-Multiwall Carbon Nanotubes Composite', Advanced Science and Engineering Medicine, 5: 1-5.
- Dixit, S.K., Madan, S., Kaur, A., Madhwal, D., Singh, I., Bhatnagar, P.K., Mathur, P.C. and Bhatia, C.S. 2013. 'Enhancement of efficiency of a conducting polymer P3HT: CdSe/ZnS quantum dots hybrid solar cell by adding SWCNT for transporting photo generated electrons', Journal of Renewable and sustainable Energy, 5, XXXX.
- Kumar, J., Madan, S., Madhwal, D., Singh, I., Bhatnagar, P.K. and Mathur, P.C. 2012. Characterization of CdSexS_{1-x} Quantum dots using XRD, UV-vis absorption and Raman spectroscopy measurement, Vol. 11, No. 2, 1250015.
- Kumar, A. and Verma, A.K. 'DGS based Chebyshev Low Pass Filter for Wireless Communication' IETE Journal of Research, India.
- Verma, A.K., Chaudhari, N.P. and Kumar, A. 2013. 'Improved Performance Step Impedance Lowpass Filter' International Journal of Electronics and Communications Elsevier, <http://dx.doi.org/10.1016/j.aeue>.

GENETICS

Ph.D./M.Phil. Degrees awarded

Ph.D. : 3
M.Phil. : 1

Honours/Distinctions

Prof. D. Pental. D.Sc. (honoris causa) by the University of Nottingham (2012).

Prof. B.K. Thelma: Stree Shakti Science Samman (2012).

Prof. M.V. Rajam: Fellow of The Andhra Pradesh Akademi of Sciences (FAPAS).

Dr. S. Sarkar: Handling Editor: Special issue on 'Ageing and Neurodegeneration'- Cell and Developmental Biology, USA.

Seminars/Conference attended

Prof. Sheela Srivastava and Dr. A. Sharma: Anti-yeast activity of plantarum LR 14, an antimicrobial peptide produced by *Lb. plantarum* LR/14. AMI 2012.

Prof. Sheela Srivastava and Dr. G. Pal: Heterologous expression of *pln* genes derived from soil metagenoms & purification of active plantaricin peptide, AMI 2012.

Prof. Sheela Srivastava and Dr. Namrata: Characterization, cloning and sequence analysis of α -glutamyl transpeptidases from *Pseudomonas fluorescens* strains. AMI 2012.

Prof. Sheela Srivastava and Dr. A. Upadhyay: Mechanism of zinc resistance in a PGPR strain, *P. fluorescens* Psd. AMI 2012.

Prof. M.V. Rajam: Seminar to celebrate the 'Fascination of Plants Day', at UDSC, 18 May 2012.

AgTech Global Summit – 2012, Bejo Sheetal Bio-Science Foundation, Aurangabad, 9-13 December 2012.

International Conference on 'Environmental Impact on Human Health and Therapeutic Challenges (ICEHT-2012)' & 6th Annual Convention of Association of Biotechnology and Pharmacy (ABAP), Sri Venkateswara University, Tirupati, 20-22 December 2012.

International Conference on 'Next Revolution in Genetics & Genomics – Applications in Health and Disease, Centre of Medical Genetics, Sir Ganga Ram Hospital, New Delhi, 27-29 January 2013.

International Conference on 'Biotechnology in Human Welfare', Kakatiya University, Warangal, 7-9 February 2013.

32nd Convention of Indian Association for Cancer Research, 'Emerging Trends in Cancer Research: Road to Prevention & Cure' & International Symposium on: Infection and Cancer. Dr. B.R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi, Delhi, 13-16 February 2013.

Publications

Kochar, M., Vaishnavi, A., Upadhyay, A. and Srivastava, S. 2013. Bacterial Biosynthesis of Indole-3-acetic acid: Single Messenger Service. Molecular microbial ecology of the Rhizosphere [ed. De Bruijn F.]. Wiley Blackwell publishing Co., Vol. 2, pp. 309-26.

Yadava, S.K., Arumugam, N., Mukhopadhyay, A., Sodhi, Y.S., Gupta, V., Pental, D. and Pradhan, A.K. 2012. 'QTL mapping of yield associated traits in *Brassica juncea*: Meta-analysis and epistatic interactions using two different crosses between east European and Indian gene pool lines'. Theor. Appl. Genet. (125): 1553-64.

Kukshal, P., Thelma, B.K., Nimgaonkar, V.L. and Deshpande, S. 2012. 'Genetics of schizophrenia from a clinical perspective'. International Review of Psychiatry, 24(5): 393-404.

- Fransen, K., Mitrovic, M., van Diemen CC, Thelma, B.K., Sood, A., Franke, A., Schreiber, S., Midha, V., Juyal, G., Potocnik, U., Fu, J., Nolte, I. and Weersma, R.K. 2012. 'Limited evidence for parent-of-origin effects in inflammatory bowel disease associated loci'. *PLoS One*, 7(9): e45287.
- Juyal, R.C., Negi, S., Wakhode, P., Bhat, S., Bhat, B. and Thelma, B.K. 2012. 'Potential of ayurgenomics approach in complex trait research: leads from a pilot study on rheumatoid arthritis'. *PLoS One*, 7(9): e45752.
- Kukshal, P., Bhatia, T., Bhagwat, A.M., Gur, R.E., Gur, R.C., Deshpande, S.N., Nimgaonkar, V.L. and Thelma, B.K. 2013. Association study of Neuregulin-1 gene polymorphisms in a north Indian schizophrenia sample *Schizophrenia Research*, 144(1-3): 24-30.
- Rajanarendar, E., Nagi Reddy M, Rama Krishna S, Govardhan Reddy K., Reddy, Y.N. and Rajam, M.V. 2012. 'Design, synthesis, in vitro antimicrobial and anticancer activity of novel methylenebis-isoxazolo [4,5-b]azepines derivatives'. *European J. Med. Chem.* 50: 344-49.
- Sinha, R. and Rajam, M.V. 2013. 'RNAi silencing of three homologues of S-adenosylmethionine decarboxylase gene in tapetal tissue of tomato results in male sterility'. *Plant Mol. Biol.* DOI: 10.1007/s11103-013-0051-2.
- Gupta, A., Pal, R.K. and Rajam, M.V. 2013. 'Delayed ripening and improved fruit processing quality in tomato by RNAi-mediated silencing of three homologs of ACC synthase gene'. *J. Plant Physiol.* DOI: 10.1016/j.jplph.2013.02.003
- Madhulatha, P., Gupta, A., Gupta, S., Kumar, A., Pal, R.K. and Rajam, M.V. 2013. 'Fruit-specific over-expression of human S-adenosylmethionine decarboxylase gene results in polyamine accumulation and affects diverse aspects of tomato fruit development and quality'. *J. Plant Biochem. Biotechnol.* DOI: 10.1007/s 13562-013-0194-x
- Rajanarendar, E., Nagi Reddy M, Rama Krishna S, Rama Murthy K, Reddy, Y.N. and Rajam, M.V. 2012. 'Design, synthesis, antimicrobial, anti-inflammatory and analgesic activity of novel isoxazolyl pyrimido[4,5,b]quinolines and isoxazolyl chrommeno[2,3-d]pyrimidin-4-ones'. *European J. Med. Chem.* 55: 273-83.
- Kumar, P., Pental, D. and Burma, P.K. 2013. Structural and transcriptional characterization of *rbcS* genes of cotton (*Gossypium hirsutum*) *Plant Molecular Biology Reporter* DOI 10.1007/s11105-013-0576-1
- Kanoria, S. and Burma, P.K. 2012. A 28 nt long synthetic 5'UTR (synJ) as an enhancer of transgene expression in dicotyledonous plants *BMC Biotechnology*, 12: 85.
- Mukhi, N., Dhindwal, S., Uppal, S., Kumar, P., Kaur, J. and Kundu, S. 2013. 'X-Ray crystallographic structural characteristics of Arabidopsis hemoglobin I and their functional implications'. *Biochim Biophys Acta.* doi:p11: S1570-9639(13)00087-3.

MICROBIOLOGY

Ph.D. Degrees awarded

Ph.D. : 7

Appointments of faculty members to higher Posts/Assignments

Prof. J.S. Viridi: DBT Nominee for Institute Biosafety Committee (IBSC), J.P. Institute of Information Technology (JIIT), NOIDA.

Prof. R.C. Kuhad: Elected Founder Chairman, Indian Academy of Microbiological Sciences (IAMS).

Associate Editor, *Annals of Microbiology*.

Editor, *Scientific Reports* (Nature Publishing Group).

Seminars/Conferences attended

Prof. R.K. Saxena: The International Conference on 'International symposium on LIGNOBIOCON- 2012', University of Delhi South Campus, New Delhi, 2012.

5th International Biotechnology Symposium and Exhibition 2012 (IBS 2012) held at EXCO in Daegu, Korea, 16-21 September 2012.

Prof. T. Satyanarayana: Participated and presented work as invited lectures in BRSI Conference at Panjabi University (Patiala).

The Annual Conference of the Mycological Society of India at Bangalore University.

Prof. R.C. Kuhad and Prof. R.K. Saxena: 53rd Annual Conference of (AMI), an International Conference on 'Microbial World: Recent Innovations and Future Trends' held at KIIT, Bhubneshwar, 22-25 November 2012.

Dr. Yogender Pal Khasa: Seminar on 'PAT based Bioprocess Optimization' at ICGEB Campus, New Delhi, 8 May 2012.

Dr. Rajeev Kaul: International Congress on Oncogenic Herpesviruses & Associated Diseases, Philadelphia, USA, 1-4 August 2012.

VIROCON-2012, 'XXI' National Conference of Indian Virological Society on 'Immunobiology and Management of Viral Diseases in 21st Century' at Indian Veterinary Research Institute, Mukteswar, 8-10 November 2012.

Publications

Singh, B. and Satyanarayana, T. 2012. Thermophilic fungal phytases. In *Biodiversity Evaluation: Botanical Perspective* (eds) Atri, N.S., Gupta, R.C., Saggao, M.I.S. and Singhal, V.K., Publ. by Bishen Singh Mahendrapal Singh, Dehradun (India), pp. 95-110.

Singhal, N., Sharma, S., Nambram, S.S., Bajaj, P. and Viridi, J.S. 2012. Characteristics of α -lactamases and their genes in *Yersinia enterocolitica* isolated from India. Proceedings of the IInd National Conference on Antimicrobial Resistance: A cause of global Concern, Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad.

Kaur, P., Vohra, A. and Satyanarayana, T. 2013. Laboratory and industrial bioreactors for submerged fermentations. In: Fermentation Processes Engineering in the Food Industry (eds) Soccol, C.R., Pandey, A. and Larroche, C., New York: CRC Press, Boca Raton London, pp. 165-79.

Kumar, S., Dagar, V.K., Khasa, Y.P. and Kuhad, R.C. 2013. Genetically Modified Microorganisms (GMOs) for Bioremediation in 'Biotechnology for Environmental Management and Resource Recovery' published by Springer Chapter 11, pp. 191-218.

Research Articles

Tripathi, P., Rawat, G., Yadav, S. and Saxena, R.K. 2013. 'Fermentative production of shikimic acid: a paradigm shift of production concept from plant route to microbial route'. Bioprocess and Biosystems Engineering. DOI 10.1007/s00449-013-0940-4.

Rawat, G., Tripathi, P., Jahan, F. and Saxena, R.K. 2013. 'A natural isolate producing shikimic acid: isolation, identification and culture condition optimization'. Applied Biochem. & Biotech. DOI:10.1007/s12010-013-0150-1.

Mahajan, R.V., Saran, S. and Saxena, R.K. 2013. 'A rapid, efficient and sensitive plate assay for detection of L-asparaginase producing microorganism'. FEMS Letters, 341(2): 122-26.

Mahajan, R.V., Saran, S., Kameswaran, K., Kumar, V. and Saxena, R.K. 2012. 'Efficient production of l-asparaginase from *Bacillus licheniformis* with low-glutaminase activity: Optimization, scale up and acrylamide degradation studies'. Bioresource Technology 125: 11-6.

Mishra, S., Raghuwanshi, S. and Saxena, R.K. 2012. 'Evaluation of corncob hemicellulosic hydrolysate for xylitol production by adapted strain of *Candida tropicalis*'. Carbohydrate Polymers, 92(2): 1596-1601.

Sharma, S. and Saxena, R.K. 2012. 'Evaluation of the versatility of the tannases produced from *Aspergillus niger* and *Penicillium variable* with respect to gallic acid production, gallate ester synthesis, animal feed improvement, tannery effluent degradation and tannin stain removal'. Research in Biotechnology, 3(5): 09-20.

Anand, P. and Saxena, R.K. 2012. 'A novel thin-layer chromatography method to screen 1,3-propanediol producers'. J. Ind. Microbial Biotechnol, 39(11): 1713-18.

Sharma, A. and Satyanarayana, T. 2013. 'Microbial acid-stable α -amylases: Characteristics, genetic engineering and applications'. Process Biochem. 48: 201-11.

2012. Cloning and expression of acidstable, high maltose-forming, Ca^{2+} -independent α -amylase from an acidophile *Bacillus acidicola* and its applicability in starch hydrolysis. Extremophiles, 16: 515-22.

Verma, D. and Satyanarayana, T. 2013. 'Cloning, expression and characteristics of a novel alkalistable and thermostable xylanase encoding gene (Mxyl) retrieved from compost-soil metagenome'. PLoS One 8(1): e52459.

2012. 'Phytase production by the unconventional yeast *Pichia anomala* in fed batch and cyclic fed batch fermentations'. Afr. J. Biotechnol. 11: 13705-09.

2012. 'Molecular approaches for ameliorating microbial xylanases'. Bioresource Technology 117: 360-67.

2012. 'Cloning, expression and applicability thermo-alkali- stable xylanase of *Geobacillus thermoleovorans* in generating xylooligosaccharides from agro-residues'. Bioresource Technol. 107: 333-38.

Kumar, V. and Satyanarayana, T. 2012. 'Thermo-alkali-stable xylanase of a novel polyextremophilic *Bacillus halodurans* TSEV1 and its application in biobleaching'. Intern. Biodeter. Biodegr. 75: 138-45.

Singh, B. and Satyanarayana, T. 2012. 'Production of phytate-hydrolyzing enzymes by thermophilic moulds'. African J. Biotechnol. 11: 12314-24.

Sharma, A. and Satyanarayana, T. 2012. 'Production of acidstable and high maltose-forming α -amylase of *Bacillus acidicola* by solid state fermentation and immobilized cells and its applicability in baking'. Appl. Biochem. Biotechnol. 168: 1025-34.

Anand, A. and Satyanarayana, T. 2012. 'Applicability of carboxydrotrophic bacterial carbon monoxide dehydrogenase in carbon sequestration and bioenergy generation'. J. Sci. Indust. Res. 71: 381-84.

Mehta, D. and Satyanarayana, T. 2013. 'Biochemical and molecular characteristics of recombinant acidic and thermostable raw starch hydrolyzing α -amylase from an extreme thermophile *Geobacillus thermoleovorans*'. J. Mol. Catalysis. B. Enzymatic, 85-86: 229-238.

Anand, A., Kumar, V. and Satyanarayana, T. 'Characteristics of thermostable endoxylanase and α -xylosidase of the extremely thermophilic bacterium *Geobacillus thermodenitrificans* TSAA1 and its applicability in generating xylooligosaccharides and xylose from agro-residues. Extremophiles (Published online: DOI 10.1007/s00792-013-0524-x).

Verma, D., Anand, A. and Satyanarayana, T. 2013. 'Thermostable and alkalistable endoxylanase of the extremely thermophilic bacterium *Geobacillus thermodenitrificans* TSAA1: Cloning, expression, characteristics and its applicability in generating xylooligosaccharides and fermentable sugars'. Appl. Biochem. Biotechnol. (Published online: doi:10.1007/s12010-013-0174-6).

Kumar, V., Poonam and Satyanarayana, T. 'Highly thermo-halo-alkali-stable α -1,4-endoxylanase from a novel polyextremophilic strain of *Bacillus halodurans*'. Bioproc. Biosyst. Engg. (Published online: DOI: 10.1007/s00449-012-0811-4).

- Kumar, P. and Viridi, J.S. 2012. 'Identification and distribution of putative virulence genes in clinical strains of *Yersinia enterocolitica* Biovar 1A by suppression subtractive hybridization'. *J Appl Microbiol*, 113: 1263-72.
- Gupta, R., Sharma, R. and Beg, Q.K. 2012. 'Revisiting microbial keratinases: next generation proteases for sustainable biotechnology', *Critical Reviews in Biotechnology*, 1-13.
- Sharma, R. and Gupta, R. 2012. 'Coupled action of α -glutamyl transpeptidase-glutathione and keratinase effectively degrades feather keratin and surrogate prion protein, Sup 35NM', *Bioresource Technology*, 120: 314-17.
- Rajput, R., Tiwary, E., Sharma, R. and Gupta, R. 2012. 'Swapping of pro-sequences between keratinases of *Bacillus licheniformis* and *Bacillus pumilus*: Altered substrate specificity and thermostability', *Enzyme and Microbial Technology*, 51: 131-38.
- Kumari, V., Verma, V. and Gupta, R. 2012. 'Comparative biochemical characterization and in silico analysis of novel lipases Lip11 and Lip12 with Lip2 from *Yarrowia lipolytica*', *World Journal of Microbiology Biotechnology*, 28: 3103-11.
- Kumari, R. and Gupta, R. 2012. 'Extracellular expression and characterization of thermostable lipases, LIP8, LIP14 and LIP18, from *Yarrowia lipolytica*', *Biotechnology Letters*, 34: 1733-39.
- Kumar, D. and Saha, S. 2012. 'A highly basic sequence at the N-terminal region is essential for targeting the DNA replication protein ORC1 to the nucleus in *Leishmania donovani*'. *Microbiology*. 158: 1775-82.
- Khasa, Y.P., Khushoo, A. and Mukherjee, K.J. 2013. 'Enhancing toxic protein expression in *E. coli* Fed batch culture using kinetic parameters: hGM-CSF as a model system' *Journal of Bioscience and Bioengineering*. 115(3): 291-97.
- Kumar, S., Gupta, R., Kumar, G., Sahoo, D. and Kuhad, R.C. 2012. Bioethanol production from *Gracilaria verrucosa*, a red alga, in a biorefinery approach. *Bioresource Technology*.
- Gupta, R., Mehta, G. and Kuhad, R.C. 2012. 'Fermentation of pentose and hexose sugars from corncob, a low cost feedstock into ethanol'. *Biomass and Bioenergy*. 47: 334-41.
- Deswal, D., Gupta, R. and Kuhad, R.C. 2012. 'Enhanced exoglucanase production by brown rot fungus *Fomitopsis* sp. RCK2010 and its application for cellulose saccharification'. *Applied Biochemistry and Biotechnology*. 168: 2004-16.
- Sharma, K.K., Sharma, S., Karp, M. and Kuhad, R.C. 2012. 'Ligninolytic enzymes improve soil DNA purity: Solution to methodological challenges of soil metagenomics'. *Journal of Molecular Catalysis B: Enzymatic*. 83: 73-9.
- Singh, S., Kumar, P., Gopalan, N., Shrivastava, B., Kuhad, R.C. and Chaudhary, H.S. 2012. 'Isolation and partial characterization of actinomycetes with antimicrobial activity against multidrug resistant bacteria'. *Asian Pacific Journal of Tropical Biomedicine*. 2: 1147-50.

PHYSICAL EDUCATION & SPORTS SCIENCES

Ph.D. Degrees awarded

Ph.D. : 5

Honours/Distinctions

Dr. D.K. Kansal: Appointed as Advisor/Consultant/Expert for extending consultancy to the Govt. of Jharkhand for establishment of Sports University, GRAUS Gramin Upkar Sansthan, 114, Kamre, Ranchi.

Dr. Sandeep Tiwari: Appointed as Chief Editor for publication of 'Indian Journal of Physical Education and Sports Sciences' of Department of Physical Education & Sports Sciences, University of Delhi.

Participated as Resource Person in the TURF-2012 4th Global Summit and India Sports Awards organized by FICCI, 18-19 October 2012.

Nominated as General Secretary 'All India Council of Physical Education'.

Dr. Rakesh Gupta: Appointed as Chief Editor for publication of 'Journal for Empowering India', a publication of Department of Physical Education & Sports Sciences, University of Delhi.

Appointed and acted as Observer for the All India Inter University Cross Country Championships, RTM Nagpur University (MS), October 2012.

Acted as Resource Persons for the In-service Training Programme for Physical Education Teachers organized by State Council of Education, Research and Training, November 2012.

Dr. Lalit Sharma: Appointed as Academic Secretary, Sports Psychology Association of India.

Appointed as Resource Person for Human Resource Development programme organized by the DPS Society.

Seminars/Conferences held

A National Conference on 'Role of Physical Activities & Sports in Balancing Education', organized by the Department in collaboration with the Indira Gandhi Institute of Physical Education & Sports Sciences, 15-16 February 2013.

Seminars/Conferences attended

Dr. Pardeep Kumar: Chaired and presented a Paper in a National Seminar on 'Innovations in Physical Education and Sports Need of the Day', organized by the Aligarh Muslim University, Aligarh, 28-29 January 2013.

Dr. Sandhya Tiwari: Appointed as Co-Chairperson, Scientific Committee for the National Conference on Role of Physical Activities and Sports in Balancing Education organized by the Department of Physical Education & Sports Sciences, 15-16 February 2013.

Appointed as Convener, Scientific Committee for the National Conference on Role of Physical Activities and Sports in Balancing Education organized by the Department of Physical Education & Sports Sciences, 15-16 February 2013.

Dr. J.P. Sharma: Presented a paper entitled 'Study of Relationship between Anthropometrical Variables & Athletic Performance' in an International Conference on Global Innovations Strategies & Policies in Physical Education & Sports Sciences organized by the Gurukul Kangri Vishwavidyalaya, Haridwar, Uttarakhand.

Publications

Books

Kansal, D.K. 2012. A Practical Approach to Measurement & Evaluation in Physical Education and Sports. New Delhi: Sports & Spiritual Science Publications.

2013. Holistic Personality Development. New Delhi: Sports & Spiritual Science Publications.

Gupta, R. 2013. 'Health and Physical Education' for Class XI. New Delhi: Pinnacle India.

2013. 'Health and Physical Education' for Class XII. New Delhi: Pinnacle India.

Research Paper

Kansal, D.K. 2013. Indian Journal of Physical Education & Sports Sciences, New Delhi.

Tiwari, S. 2013. 'Relationship of Body Mass Index with Waist-Hip Ratio, Neck Circumference and Blood Pressure in School Children Aged 10-12 Years'. Indian Journal of Physical Education and Sports Sciences.

PLANT MOLECULAR BIOLOGY

Ph.D./M.Phil. Degrees awarded

Ph.D. : 5

Honours/Distinctions

Prof. J.P. Khurana: Prof. S.S. Katiyar Endowment lecture Award by the Indian Science Congress Association, 100th Session, Kolkata, in January 2013.

Prof. Paramjit Khurana: Elected Foreign Secretary, National Academy of Sciences, Allahabad.

Prof. Anil Grover: Awarded Indo-Australia Visiting Fellowship from Indian National Science Academy (2012).

Dr. Arun Sharma: Became Fellow of 'The National Academy of Sciences', Allahabad.

Girdhar K. Pandey: DBT-CREST (Cutting-edge Research Enhancement and Scientific Training) 2012-2013 Award, One year Visiting Scholar/Visiting Professor at the Department of Plant Microbial Biology, University of California, Berkeley, California, USA.

Seminars/Conference attended

Prof. J.P. Khurana: Participated in the Annual Session of NASI and Chaired a session in the National Symposium on 'Nano-science and Technology for Mankind', BHU, Varanasi, from 29 November to 1 December 2012.

Delivered an invited lecture in a National Symposium on 'Recent Trends in Innovative Research at Under-graduation: Science & Society, Sri Venkateswara College, February 2013.

Chaired a session and participated in the National Symposium on 'Plant Tissue Culture & Biotechnology for Food and Nutritional Security', CFTRI, Mysore, March 2013.

Prof. Paramjit Khurana and Prof. Anil Grover: Participated in the 10th International Congress on Plant Molecular Biology, held at International Convention Center in Jeju, Korea, 21-26 October 2012.

Prof. Paramjit Khurana: Invited talk on 'Functional Genomics of Thermal tolerance in Wheat' at the International Conference on 'Biotechnology: a rendezvous with basic sciences for global prosperity' organized by the Society for Plant Research, at NASC complex, New Delhi, 26-27 December 2012.

NASI organized Conference on 'Science, technology and Innovation (STI) Policy – a Brainstorming' at NIPGR, New Delhi, 2 March 2013.

Dr. Saurabh Raghvanshi: 10th International Symposium on Rice Functional Genomics' in Chiang Mai, Thailand, 26-29 November 2012.

Delivered lecture entitled 'Integrated approach to understand rice as a 'Molecular system' at the 10th International Symposium on Rice Functional Genomics' in Chiang Mai, Thailand, 26-29 November 2012.

Publications

Anand, S., Sangwan, N., Lata, P., Kaur, J., Singh, A.K., Verma, M., Kaur, J., Khurana, J.P., Khurana, P., Raghuvanshi, S. and Lal, R. 2012. 'Draft genome sequence of *Sphingobium indicum* B90A, a hexachlorocyclohexane (HCH) degrading bacterium'. *J. Bacteriol.* 194(16): 4471-72.

Bhasin, H., Bhatia, D., Raghuvanshi, S., Lore, J.S., Sahi, G.K., Kaur, B., Vikal, Y. and Singh, K. 2012. 'New PCR-based sequence-tagged site marker for bacterial blight resistance gene *Xa38* of rice'. *Mol. Breeding*, 30: 607-611.

Baranwal, V.K., Mikkilineni, V., Zehr, U.B., Tyagi, A.K. and Kapoor, S. 2012. 'Heterosis: emerging ideas about hybrid vigour'. *Journal of Experimental Botany*, 63: 6309-14.

Borah, B.K. and Dasgupta, I. 2012 'Begomovirus research in India: a critical appraisal and the way ahead'. *J Biosci.* 37: 791-806.

2012. 'PCR-RFLP analysis indicates that recombination might be a common occurrence among the cassava infecting begomoviruses in India'. *Virus Genes*, 45: 327-32.

- Chauhan, H., Khurana, N., Nijhavan, A., Khurana, J.P. and Khurana, P. 2012. 'The wheat chloroplastic small heat shock protein (sHSP26) is involved in seed maturation and germination and imparts tolerance to heat stress'. *Plant Cell Environ.* 35: 1912-31.
- Checker, V.G., Chhibbar, A.K. and Khurana, P. 2012. 'Stress-inducible expression of barley Hva1 gene in transgenic mulberry displays enhanced tolerance against drought, salinity and cold stress'. *Transgenic Res.* 21: 939-57.
- Dwivedi, V., Sangwan, N., Nigam, A., Garg, N., Niharika, N., Khurana, P., Khurana, J.P. and Lal, R. 2012. 'Draft genome sequence of *Thermus* sp. strain RL, isolated from a hot water spring located atop the himalayan ranges at Manikaran, India'. *J. Bacteriol.* 194(13): 3534.
- Johnson, A.M.A., Borah, B.K., Saigopal, D.V.R. and Dasgupta, I. 2012. 'Analysis of full-length sequences of two Citrus yellow mosaic badnavirus isolates infecting Citrus jambhiri (Rough Lemon) and Citrus sinensis L. Osbeck (Sweet Orange) from a nursery in India'. *Virus Genes*, 45: 600-05.
- Khurana, R., Kathuria, H., Mukhopadhyay, A., Kapoor, S. and Tyagi, A.K. 2012. 'A 286 bp upstream regulatory region of a rice anther-specific gene, OSIPP3, confers pollen-specific expression in Arabidopsis'. *Biotechnol. Lett.* DOI 10.1007/s10529-012-1100-7.
- Kumar, S., Kateriya, S., Singh, V.S., Tanwar, M., Agarwal, S., Singh, H., Khurana, J.P., Amla, D.V. and Tripathi, A.K. 2012. 'Bacteriophytochrome controls carotenoid-independent response to photodynamic stress in a non-photosynthetic rhizobacterium, *Azospirillum brasilense* Sp7'. *Scientific Reports*, 2: 872 (DOI: 10.1038/srep00872).
- Malik, G., Dangwal, M., Kapoor, S. and Kapoor, M. 2012. 'Role of DNA methylation in growth and differentiation in *Physcomitrella patens* and characterization of cytosine DNA methyltransferases'. *FEBS J.* 279: 4081-94.
- Malhotra, J., Dua, A., Saxena, A., Sangwan, N., Mukherjee, U., Pandey, N., Rajagopal, R., Khurana, P., Khurana, J.P. and Lal, R. 2012. 'Draft Genome Sequence of *Acinetobacter* sp. HA isolated from gut of the polyphagous insect pest *Helicoverpa armigera*'. *J. Bacteriol.* 194 (12): 5156.
- Mathur, S. and Dasgupta, I. 2012. 'Further support of genetic conservation in Indian isolates of Rice tungro bacilliform virus by sequence analysis of an isolate from North-Western India'. *Virus Genes*, 45: 350-59.
- Mittal, D., Madhyastha, D.A. and Grover, A. 2012. 'Gene expression analysis in response to low and high temperature and oxidative stresses in rice: Combination of stresses evokes different transcriptional changes as against stresses applied individually'. *Plant Sci.* 197: 102-13.
2012. 'Genome-wide transcriptional profiles during temperature and oxidative stress reveal coordinated expression patterns and overlapping regulons in rice'. *PLoS ONE*, 7: e40899.
- Pandey, A.K. and Pandey, G.K. 2012. 'Calcium Homeostasis: Role of CAXs Transporters in Plant Signaling'. *Plant Stress*, 6(1): 60-9.

- Ray, S., Kapoor, S. and Tyagi, A.K. 2012. 'Analysis of transcriptional and upstream regulatory sequence activity of two environmental stress-inducible genes, NBS-Str1 and BLEC-Str8, of rice'. *Transgenic Res.* 21: 351-66.
- Saini, V., Raghuvanshi, S., Khurana, J.P., Ahmed, N., Hasnain, S.E., Tyagi, A.K. and Tyagi, A.K. 2012. 'Massive gene acquisitions in *Mycobacterium indicus pranii* provide a perspective on mycobacterial evolution'. *Nucleic Acids Research*, 40: 10832-50.
- Sangwan, N., Lata, P., Dwivedi, V., Singh, A., Niharika, N., Kaur, J., Anand, S., Malhotra, J., Jindal, S., Nigam, A., Lal, D., Dua, A., Saxena, A., Garg, N., Verma, M., Kaur, J., Mukherjee, U., Dowd, S.E., Rajagopal, R., Khurana, P., Khurana, J.P. and Lal, R. 2012. 'Comparative metagenomic analysis of soil microbial communities across three hexachlorocyclohexane gradients'. *PLoS ONE*, 7(9): e46219. doi:10.1371/journal.pone.0046219.
- Sarkar, N.K., Kundnani, P. and Grover, A. 2012. 'Functional analysis of Hsp70 superfamily proteins of rice (*Oryza sativa*)'. *Cell Stress Chaperones*.
- Sarkar, N.K., Thapar, U., Kundnani, P., Panwar, P. and Grover, A. 2012. 'Functional relevance of J-protein family of rice (*Oryza sativa*)'. *Cell Stress Chaperones*.
- Sharma, R., Agarwal, P., Ray, S., Deveshwar, P., Sharma, P., Sharma, N., Nijhawan, A., Jain, M., Singh, A.K., Singh, V.P., Khurana, J.P., Tyagi, A.K. and Kapoor, S. 2012. 'Expression dynamics of metabolic and regulatory components across stages of panicle and seed development in indica rice'. *Funct. Integr. Genomics*, 12: 229-48.
- Singh, A. and Pandey, G.K. 2012. 'Protein phosphatases: a genomic outlook to understand their function in plants'. *Journal of Plant Biochem. Biotech.* 21 (Supplement 1): S100.
- Singh A., Pandey, A. and Pandey, G.K. 2012. 'Phospholipase D in stress activated signaling lipid signaling in plants'. *Plant Stress*, 6(1): 10-7.
- Singh, A., Pandey, A., Baranwal, V., Kapoor, S. and Pandey, G.K. 2012. 'Comprehensive expression analysis of rice phospholipase D gene family during abiotic stresses and development'. *Plant Signal Behav*, 7: 847-55.
- Tomato Genome Consortium 2012. 'The tomato genome sequence provides insights into fleshy fruit evolution'. *Nature*, 485: 635-41.
- Verma, V., Sharma, S., Vimla Devi, S., Rajasubramaniam, S. and Dasgupta, I. 2012. 'Delay in virus accumulation and low virus transmission from transgenic plants expressing Rice tungro spherical virus RNA'. *Virus Genes*, 45: 350-59.
- Yadav, A.K., Pandey, A. and Pandey, G.K. 2012 'Calcium Homeostasis: Role of CAXs Transporters in Plant Signaling'. *Plant Stress*, 6(1): 60-9.
- Das, R., Pandey, A. and Pandey, G.K. 2013. 'Role of Calcium Regulated Kinases: Expressional and Functional Analysis in Abiotic Stress Signaling'. *Advances in Genome Science*, Vol. 1: 367-415.

Grover, A., Mittal, D., Negi, M. and Lavania, D. 2013. 'Generating high temperature tolerant transgenic crops: achievements and challenges'. *Plant Sci*, 205-06: 38-47.

Khurana, R., Kapoor, S. and Tyagi, A.K. 2013. 'Spatial and temporal activity of upstream regulatory regions of rice anther-specific genes in transgenic rice and Arabidopsis'. *Transgenic Res.* 22: 31-46.

Khurana, N., Chauhan, H. and Khurana, P. 2013. Wheat Chloroplast Targeted sHSP26 Promoter Confers Heat and Abiotic Stress Inducible Expression in Transgenic Arabidopsis Plants. *PLoS ONE* 8(1): e54418. doi:10.1371/journal.pone.0054418.

Mathur, S. and Dasgupta, I. 2013. 'Further support of genetic conservation in Indian isolates of Rice tungro bacilliform virus by sequence analysis of an isolate from North-Western India'. *Virus Genes*, 46: 387-91.

Mutum, R.D., Balyan, S.C., Kansal, S., Agarwal, P., Kumar, S., Kumar, M. and Raghuvanshi, S. 2013. 'Evolution of variety-specific regulatory schema for expression of osa-miR408 in indica rice varieties under drought stress'. *FEBS J.* doi: 10.1111/febs.12186.

Sharma, M., Pandey, A. and Pandey, G.K. 2013. 'Role of Plant U-BOX (PUB) Protein in Stress and Development'. *Plant Stress*, 7(1): 1-9.

Shanmugam, T., Sharma, M., Pandey, A. and Pandey, G.K. 2013. 'Small GTPases: Rho of Plant (ROP) in Development and Stress Signaling'. *Plant Stress*, 7(1): 10-5.

Shanker, A., Pandey, A. and Pandey, G.K. 2013. 'WRKY Transcription Factor: Role in Abiotic and Biotic Stress'. *Plant Stress*, 7(1): 26-34.

Books

Pandey, R., Bhardwaj, A.K. and Katiyar-Agarwal, S. 2012. Endogenous Small RNAs and Antibacterial Resistance in Plants. In: R. Sunkar (Ed.) *MicroRNAs in Plant Development and Stress Responses, Signaling and Communication in Plants* 15, DOI 10.1007/978-3-642-27384-1_12, Springer-Verlag Berlin Heidelberg.

Purkayastha, A., Sharma, S. and Dasgupta, I. 2013. Virus-induced gene silencing for rice using agroinoculation: *Methods in Molecular Biology* 975: 33-45, In: *Virus-Induced Gene Silencing, Methods and Protocols*, Ed: Becker, A., Springer Science + Business Media, LLC, New York: Humana Press.

Tokas, I., Pandey, A. and Pandey, G.K. 2013. Role of Calcium-Mediated CBL-CIPK Network in Plant Mineral Nutrition and Abiotic Stress. In (eds) Rout, G.R. and Das, A.B. *Molecular Stress Physiology of Plants*, 241 DOI 10.1007/978-81-322-0807-5_10.

FACULTY OF TECHNOLOGY

MECHANICAL ENGINEERING

Ph.D. Degrees awarded

Ph.D. : 3

Honours/Distinctions

Prof. R.S. Mishra: Chaired technical session in International Conference on Sustainable Technologies for Energy and Environment in Process Industries at National Institute of Technology, Jalandhar, 30 December 2012.

Honoured by Vivekanand Samman (2012) for his outstanding contribution in writing more than 50 books on Vedic Sciences by Sahitya Sanskrit Kala Sangam Academy, Pariyava Pratapgarh on 4 November 2012.

Honoured by Pandit Kamata Prasad Guru Saraswat Sahitya Samman (2012) for his outstanding contribution in field of Vedic Sciences by Bhartita Vangamaya Peeth Sahitya Sansthan, Kolkata, 4 November 2012.

Honoured by Global Warming Reduction Samman by Chancellor of The Open Global University of Nagaland, 4 April 2012.

Honoured by Rastriya Paryavaran Sanrashan Samman by the Chancellor of The Open Global University and Indra Gandhi University of Technology and Medical Sciences at Arunachal Pradesh, 3 March 2013.

Nominated for Leading Engineers of the World 2013 by Director General of International Biographical Centre, Cambridge, England, 28 December 2012.

Honoured by Vedic Ratna award of Institute of Vedic Science by Sh. Prakash Jaiswal, Hon'ble Minister of Coal, Government of India and Sh. K.A. Dubey Padmes (President of Institute of Vedic Science) at Kanpur, 14-16 April 2012.

Dr. Shyam Agrawal and Prof. R.S. Mishra: Got best paper award in National Conference on Trends in Advances in Mechanical Engineering (TAME-20120) at YMCA University of Science and Technology Faridabad, 17 November 2012.

Publications

Research papers

Singh, P., Ranganath, M.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, pp. 433-47.

Madan, A.K. and Mishra, R.S. 2012. 'Quality Management in Technical Education' Global Journal of Finance and Management, ISSN 0975-6477, Vol. 4, No. 1, pp. 1-11.

Agrawal, S., Kachhawaha, S.S. and Mishra, R.S. 2012. 'Performance improvement of a regenerative gas turbine cycle through integrated inlet evaporative cooling and steam injection' International Journal of Emerging technology and Advanced Engineering, Vol. 2, Issue 12, pp. 354-63.

Research papers

Mishra, R.S. 2012. 'Simple Physical Model of Human Legs for Natural Speed of Walking' Journal of Health and Physical Sciences, ISS No-0975-4563, Vol. 5, No. 2, pp. 45-50.

2013. 'Appropriate Refrigeration technologies for sustainable Development' Rasayan, Vol. 6, pp. 53-65.

Presented Research paper 'Appropriate technologies for sustainable development' in Session III: Sustainable Development in International Conference on Sustainable Technologies for Energy and Environment in Process Industries at National Institute of Technology, Jalandhar, 29 December 2012, Paper ID:771.

Presented Research paper 'Appropriate sensible heat storage technology using Rockbed solar air heating thermal systems for space heating and crop drying in Technical session III and IV Nuclear and Thermal Engineering (CHEMCON 2012) at National Institute of Technology, Jalandhar, 30 December 2012. Paper ID:773.

Presented Research paper 'Thermal modeling of low cost Natural convection non reversible single pass and Multipass pressurized and non pressurized solar hot water systems for domestic applications' presented in Technical session III and IV Nuclear and Thermal Engineering (CHEMCON 2012) at National Institute of Technology, Jalandhar, 30 December 2012. Paper ID:774.

Presented Research paper 'Thermo-economic analysis and optimization of thermal insulation papers in Technical session III and IV Nuclear and Thermal Engineering (CHEMCON 2012)' at National Institute of Technology, Jalandhar, 30 December 2012. Paper ID: 772.

FACULTY OF MATHEMATICAL SCIENCES

COMPUTER SCIENCE

Ph.D. Degrees awarded

Ph.D. : 5

Seminars/Conference attended

Dr. Punam Bedi: Session Chair, HIS 2012 - 12th International Conference on Hybrid Intelligent Systems, Pune, December 4 July 2012.

Tutorial on Multi-agent Recommender Systems HIS 2012 - 12th International Conference on Hybrid Intelligent Systems, Pune, December 4 July 2012.

Session Chair, ISDA 2012 - 12th International Conference on Intelligent System Design and Applications, Kochi, 27-29 November 2012.

International Conference on ACC 2012, Bangalore, 27-28 July, 2012.

Dr. Neelima Gupta: The Legacy of Srinivasa Ramanujan, University of Delhi, 17-22 December 2012.

Intentional ACM India Event, IIT Madras, Chennai, 13-15 January 2013.

Publications

Kumar, S. and Muttoo, S.K. 2013. 'A comparative study of Image algorithms in Wavelet domain', IJCSMC, Issue 2.

Journal

Bedi, P., Kaur, H. and Gupta, B. 2012. 'Trust based Access Control for Collaborative Systems', JETAI.

2012. Predicting Attribute based User Trustworthiness for Access Control of Resources, In proceedings HIS 2012: 294-299.

2012. Trustworthy Service Provider Selection in Cloud Computing Environment, In proceedings CSNT 2012 - The International Conference on Communication Systems and Network Technologies, Rajkot: 714-19. USA: IEEE Computer Society.

2013. Framework for Selection of Trustworthy Service Providers. Chapter in Managing Trust in Cyberspace. CRC Press, Taylor & Francis Group.

Sharma, R., Banati, H. and Bedi, P. 2012. 'Stigmergic Agent based Adaptive Content Sequencing in an e-Learning Environment', IJAIP, Inder science.

2012. 'Building Socially-aware e-Learning Systems through Knowledge management', IJKM, 8(3): 1-27, IGI Global.

Gandotra, V., Singhal, A. and Bedi, P. 2013. Mitigating Multi-Threats Optimally in Proactive Threat Management, ACM SIGSOFT Software Engineering Notes, 38(1), USA: ACM Digital Library.

2013. Innovative Strategies for Secure Software Development, Chapter 13, in Designing, Engineering, and Analyzing Reliable and Efficient Software: 217-37. IGI-Global.

Gupta, B., Bedi, P. and Negi, H.K. 2013. 'An Agent based Reputation System for Unreliable Grid Environment', International Journal of Modeling and Optimization, 3(1): 74-9.

Bedi, P., Bansal, R. and Sehgal, P. 2013. 'Using PSO in a Spatial Image Hiding Scheme with distortion tolerance'. International Journal of Computers & Electrical Engineering, Special Issue on Recent Developments in Computing and Communications, 39(2): 640-54, Elsevier (Impact factor 0.837, 5-year impact factor 0.733).

2012. Intelligent Wavelet Domain Watermarking of Fingerprint Images, In proceedings HIS 2012 - 90-5.
2012. PSO Securing fingerprint Images using a Hybrid Technique, In proceedings ICACCI 2012 - International Conference on Advances in Computing, Communications and Informatics, Chennai: 557-65. USA: ACM.
2013. Securing Biometrics using Watermarking, Chapter in Recent Advances in Compute Vision and Image Processing: Methodologies and Applications, IGI Global.
2012. 'Securing fingerprint images through PSO based robust facial watermarking'. IJISP, 6(2): 34-52, IGI Global.
- Bedi, P., Thukral, A. and Banati, H. 2013. 'Focused Crawling of Tagged Web Resources using Ontology'. International Journal of Computers & Electrical Engineering, Special Issue on Recent Developments in Computing and Communications. 39(2): 613-28, Elsevier (Impact factor 0.837, 5-year impact factor 0.733).
- Goel, S., Sharma, A. and Bedi, P. 2012. 'Novel approaches for classification based on Cuckoo Search Strategy', IJHIS.
- Bedi, P., Aakanksha and Sharma, R. 2013. 'Trust and Context View based Knowledge Sharing in MANets', IJTMCC, 1(1): 85-103. UK: Inderscience.
- Bedi, P. and Agarwal, S.K. 2013. 'Aspect-Oriented Trust Based Mobile Recommender System', IJCISIM, Vol. 5, 354-64.
2013. Aspect-Oriented Recommender System, Chapter 4 in Designing, Engineering, and Analyzing Reliable and Efficient Software: 55-72. IGI-Global.
2012. A Situation-Aware Proactive Recommender System, In proceedings HIS 2012 : 85-9.
- Bedi, P., Gandotra, V., Singhal, A., Narang, H. and Sharma, S. 2012. Threat-Oriented Security Framework in Risk Management using Multi-Agent System, Software: Practice and Experience, Wiley (Impact factor 0.573). <http://onlinelibrary.wiley.com/doi/10.1002/spe.2133/abstract>
- Bedi, P., Vashisth, P., Khurana, P. and Preeti. 2013. Modeling User Preferences in a Hybrid Recommender System using Type-2 Fuzzy Sets, IEEE FUZZ 2013, SS-2, Computational Intelligence for Multi-agent Systems.
- Bansal, R., Bhasin, V., Sehgal, P. and Bedi, P. 2013. Multi-Agent System for Intelligent Watermarking of Fingerprint Images, IEEE FUZZ 2013, SS-2, Computational Intelligence for Multi-agent Systems.
- Sharma, N.K., Gaur, V. and Bedi, P. 2013. Distributed Multi-agent Reputation Framework for Interactions in e-market, IEEE FUZZ 2013, SS-2, Computational Intelligence for Multi-agent Systems.
- Communication to 12th International Conference on Hybrid Intelligent Systems, Pune, . USA: IEEE Xplore.

- Banati, H., Bedi, P. and Marwaha, P. 2012. Extending BPEL for WSDL-Temporal based Web Services, In proceedings HIS 2012 : 484-89.
2012. WSDL-Temporal: An Approach for Change Management in Web Services, In proceedings URKE 2012 - International Conference on Uncertainty Reasoning and Knowledge Engineering, Jakarta, Indonesia: 44-9. USA: IEEE Xplore.
- Communication to 12th International Conference on Intelligent Systems Design and Applications, Kochi, USA: IEEE Xplore.
2012. WSDL-TC: Collaborative Customization of Web Services, In proceedings ISDA 2012: 692-97.
- Sharma, M., Bedi, P., Chaturvedi, K.K. and Singh, V.B. 2012. Predicting the Priority of a Reported Bug using Machine Learning Techniques and Cross-Project Validation, In proceedings ISDA 2012: 539-45.
- Agarwal, S., Singhal A. and Bedi, P. 2012. Classification of RSS Feed News Items using Ontology, In proceedings ISDA 2012: 491-96.
2012. IPTC based Ontological Representation of Educational News RSS Feeds, In proceedings ITC 2012 – 3rd International Conference on Recent Trends in Information, Telecommunication and Computing, Bangalore, Lecture Notes in Electrical Engineering Vol. 150: 353-59, 2013.
- Sharma, R., Datta, S.M., Banati, H. and Bedi, P. 2012. An Opinion-based Framework for Designing Socially-aware e-Learning Systems, In proceedings ISDA 2012: 431-36.
- Aakanksha and Bedi, P. 2012. Mobile Process Groups based Device/Service Discovery and Interoperability in MANets, In proceedings ISDA 2012: 466-71.
2013. Trustworthy Group Coordination in Ad-hoc Networks. Chapter in Managing Trust in Cyberspace. CRC Press, Taylor & Francis Group.
- Mehta, H., Dixit, V.S. and Bedi, P. 2012. Refinement of Recommendations Based on User Preferences, In proceedings ISDA 2012: 515-20.
- Thukral, A., Datta, S., Banati, H. and Bedi, P. 2012. Informal eLearning using Multi Agent Systems, In proceedings ISDA 2012: 213-17.
- Vashisth, P., Chandoliya, D., Yadav, B.K. and Bedi, P. 2012. Trust Enabled Argumentation Based Recommender System, in proceedings ISDA 2012: 137-42.
- Mehta, H., Bedi, P. and Dixit, V.S. 2012. OCRG: A Proposed Recommender for Mitigating New User Problem, In proceedings WICT 2012- International Conference on World Congress on Information and Communication Technologies, 30 October – 02 November, Trivandrum, India: 515-519. USA: IEEE Xplore.
- Bedi, P. and Vashisth, P. 2013. Using Trust and Argumentation in Multi-Agent Recommender Systems. Chapter in Managing Trust in Cyberspace. CRC Press, Taylor & Francis Group.

Aggarwal, G. and Gupta, N. BiETopti-BiClustering Ensemble using Optimization Techniques, ICDM, Advances in Data Mining, LNCS, Springer.

Mansouri, P., Asady, B. and Gupta, N. 2013. An Approximation Algorithm for Fuzzy Polynomial Interpolation with Artificial Bee Colony algorithm, Elsevier Journal of Applied Soft Computing (Impact Factor 2.612), Vol. 13, Issue 4.

Bansal, M., Garg, N. and Gupta, N. 2012. A 5-approximation for capacitated facility location, European Symposium on Algorithms.

Gupta, G., Nagrath, P., Aneja, S. and Gupta, N. 2012. Reference Based Approach to Mitigate Blackhole Attacks in Delay Tolerant Networks, in proceedings of ACM Q2SWiNET.

MATHEMATICS

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	6
M.Phil	:	13

Seminars/Conferences held

'The Legacy of Srinivasa Ramanujan' coordinated by Prof. Dinesh Singh, Prof. Ajay Kumar and sponsored by National Board of Higher Mathematics, 17-22 December 2012.

Seminars/Conferences attended

Prof. Ajay Kumar: 'Operator space projective tensor product' University of Tokyo, Japan.

'An introduction to the operator space tensor product' University of Gunma, Japan.

'Recent results on operator space projective tensor product' Chiba University, Japan.

'Operator Space Projective Tensor Product of C^* algebras' at Indian Institute of Science, Bengaluru.

Prof. B.K. Dass: Delivered and Chaired a session International Conference on 'AISC12', University of North Carolina-Greensboro, USA, 5-7 October 2012.

Dr. V. Ambethkar: 5th IC-SCCE Conference, Numerical Solutions of 2nd incompressible Navier-Stokes Equations by Stream function-velocity approach, Greece, 4-7 July 2012.

Dr. C.S. Lalitha: 'Optimization Reformulations of Generalized Nash Equilibrium Problems', National Conference on Advances in Mathematical Sciences, Kadi Sarva Vishwa Vidhyalaya, Gujarat, 7-8 December 2012.

Dr. Ratikanta Panda: Participation in International Conference 'Advances in Nonlinear Partial Differential Equations', TIFR CAM, Bangalore, 18-20 June 2012.

Publications

Book

Ansari, Q.H., Lalitha, C.S. and Mehta, M. 2013. *Generalized Convexity, Nonsmooth Inequalities and Nonsmooth Optimization*, Florida, USA: Chapman and Hall / CRC Press, Taylor and Francis Group.

Research Articles

Kumar, A. and Rajpal, V. 2012. Symmetry and Quasi - centrality of Operator Space Projective Tensor Product of C^* -Algebras, *Archiv der Mathematik*, Germany, 99: 519-29.

Kumar, A. and Mishra, M.M. 2013. Green functions and related boundary value problems on the Heisenberg group. *Complex Variables and Elliptic Equations*, 58: 547-56.

2013. Powers of sub-laplacian on step two nilpotent Lie groups To appear in *The Journal of Geometric Analysis*.

Dass, B.K. and Arora, R. 2012. 'Error Locating Codes Dealing with Repeated Burst Errors', *Italian Journal of Pure and Applied Mathematics*, Vol. 29, pp. 108-18.

Dass, B.K. and Garg, P. 2012. Bounds for Codes Correcting/Detecting Repeated Low-Density Burst Errors, *Discrete Mathematics, Algorithms and Applications*, Vol. 4, No. 4.

Dass, B.K. and Verma, R. 2012. Construction of m-Repeated Burst Error Correcting Binary Linear Code, *Discrete Mathematics, Algorithms and Applications*, Vol. 4, No. 3.

Gupta, S., Mehta, S., Shabbir, J. and Dass, B.K. 2012. 'Some Optimality Issues in Estimating Two-stage Optional Randomized Response Models', *American Journal of Mathematical and Management Sciences*, Vol. 31, No. 1-2, pp. 1-12.

2012. 'A Three-stage Optional Randomized Response Model', *Journal of Statistical Theory and Practice*, Vol. 6, pp. 417-27.

Ambethkar, V., Srivastava, M.K. 2012. 'Numerical Study of an unsteady 2-D incompressible viscous flow with HEAT TRANSFERAT Modevali Reynolds Number with Slip boundary conditions', *Int. J. Applied Maths*, Vol. 25, No. 6, pp. 883-908.

Lalitha C.S. and Dhingra, M. 'Optimization Reformulations of the Generalized Nash Equilibrium Problem Using Regularized Indicator Nikaidô-Isoda Function,' *Journal of Global Optimization*, doi: 10.1007/s10898-012-9978-0.

Lalitha, C.S. and Chatterjee, P. 2012 'Stability and Scalarization of Weak Efficient, Efficient and Henig Proper Efficient Sets Using Generalized Quasiconvexities,' *Journal of Optimization Theory and Applications*, 155(3): 941-61, doi: 1007/s10957-012-0106-6.

2012. 'Stability for Properly Quasiconvex Vector Optimization Problem,' *Journal of Optimization Theory and Applications*, 155(2): 492-506, doi: 10.1007/s10957-012-0079-5.

2013. 'Well-Posedness and Stability in Vector Optimization Problem Using Henig Proper Efficiency,' *Optimization*, 62(1): 155-65, doi: 10.1080/02331934.2011. 587190.

Dutta, J. and Lalitha, C.S. 2013. 'Optimality Conditions in Convex Optimization Revisited,' Optimization Letters, 7(2): 221-229, doi: 10.1007/s11590-011-0410-3.

Lalitha, C.S. and Bhatia, G. 2012. 'Levitin-Polyak Well-Posedness for Parametric Quasivariational Inequality Problem of the Minty Type,' Positivity, 16(3): 527-41, doi: 10.1007/s11117-012-0188-2.

OPERATIONAL RESEARCH

Ph.D./M.Phil. Degrees awarded

Ph.D. : 13
M.Phil. : 9

Seminars/Conferences attended

Prof. Chandra K. Jaggi: Delivered an Invited Talk on 'Inventory Modeling In Different Scenario' NCAM-2012 at National Conference Applied Mathematics, Parul Institute of Engineering & Technology, Vadodara, 4-5 May 2012.

Delivered 'Effect of Controllable Lead Time on Stochastic Inventory System' at International Conference on Advances in Stochastic Modeling, Mannar Thirumalai Naicker College, Madurai, Tamil Nadu, 8-10 January 2013.

Delivered on, 'Evolution of Inventory Credit Financing' at National Conference on Recent Trends in Mathematics and Their Applications, Vinoba Bhave University, 21-22 December 2012.

Sectional Secretary for Commerce Law & Management Sciences at 2nd International Science Congress, organized by The International Science Congress Association, Bon Maharaja Engineering College, 8-9 December 2012.

Delivered on, 'Recent Developments in Inventory Credit Financing' and Chaired a Session at National Conference on Advances in Mathematical Sciences, Kadi Sarva Vishwa Vidhyalaya, 7-8 December 2012.

Dr. Preeti Wanti Srivastava: Participated and presented two research papers in the, 'The ICOCBA 2012, Techno India University, Salt Lake, Kolkata, 20-22 December 2012.

Publications

Books

Jaggi, C.K. 2012. Pricing and Replenishment Policies for Imperfect Quality Deteriorating Items under Inflation and Permissible Delay in Payments with co-authors Dr. Satish K. Goel and Dr Mandeep Mittal, Management Theories and Strategic Practices for Decision Making by Prof. Madjid Tavana, IGI Global, USA, Chapter 10, pp. 170-85.

Retailer's Ordering Policy in a Supply Chain when Demand is Price and Credit Period Dependent with co-author Dr. Amrina Kausar, Management Theories and Strategic Practices for Decision Making by Prof. Madjid Tavana, (2012) IGI Global, USA., Chapter 14, pp. 262-77.

Research Articles

Aggarwal, K.K., Jaggi, C.K. and Kumar, A. 2012. 'Economic order quantity model under fuzzy sense when demand follows innovation diffusion process having dynamic potential market size'. *International Journal of Services and Operations Management*. 13(3): 361-91.

Jaggi, C.K., Khanna, A. and Mittal, M. 2012. 'Effects of inspection on retailer's ordering policy for deteriorating items with time-dependent demand under inflationary conditions'. *International Journal of Systems Science*. 1-9.

Jaggi, C.K. and Verma, M. 2012. 'Two echelon partial trade credit financing in a supply chain derived algebraically'. *Yugoslav Journal of Operations Research*, 22(2): 163-82.

Jaggi, C.K., Pareek, S., Sharma, A. and Nidhi. 2012. 'Fuzzy inventory model for deteriorating items with time-varying demand and shortages'. *American Journal of Operational Research*. 2(6): 81-92.

Jaggi, C.K., Kapur, P.K., Goyal, S.K. and Goel, S.K. 2012. 'Optimal replenishment and credit policy in EOQ model under two-levels of trade credit policy when demand is influenced by credit period'. *International Journal of System Assurance Engineering and Management*. 3(4): 352-59.

Jaggi, C. K., Bhunia, A.K., Sharma, A. and Nidhi. 2012. Fuzzy EOQ model for deteriorating items with price dependent demand and time-varying holding cost. *AMO - Advanced Modeling and Optimization*, 14(3): 557-76.

Srivastava, P.W. and Mittal, N. 2013. 'Optimum multi-objective modified constant stress ALT plan for the Burr type-XII distribution with type-I censoring'. *Journal of Risk and Reliability*. 227(2): 132-43.

2013. 'Optimum constant-stress partially accelerated life tests for the truncated logistic distribution under time constraint'. *International Journal of Operational Research/ Nepal*. 2: 33-47.

2012. 'Optimum multi-level ramp-stress ALT plan with multi-objectives for burr type-XII distribution with type-I censoring'. *International Journal of Reliability, Quality and Safety Engineering*. 19(2): 17.

2012. Optimum multi-objective ramp-stress accelerated life test with stress upper bound for burr type-XII distribution. *IEEE Transactions on Reliability*. 61(4): 1030-38.

2012. 'Optimum failure-censored step-stress PALT for the truncated logistic life distribution'. *International Journal of Reliability and Applications*. 13(1): 19-35.

STATISTICS

Ph.D./M.Phil. Degrees awarded

Ph.D. : 1
M. Phil. : 6

Seminars/Conference attended

Prof. Jagdish Saran: Participated in Northern Regional Science Congress 'Science for shaping the Future of India' organized by ISCA (Delhi Chapter) at India International Centre, New Delhi, 26-27 November 2012.

Participated 'The legacy of Srinivasa Ramanujan-An International Conference', University of Delhi, 17-22 December 2012.

Dr. Poonam Singh: Invited talk and chaired a session in International Conference on Statistics and Informatics in Agricultural Research organized by Indian Society of Agricultural Statistics, IASRI, PUSA, New Delhi, 18-20 November 2012.

Participated in 'The legacy of Srinivasa Ramanujan-An International Conference' University of Delhi, 17-22 December 2012.

Publications

Saran, J. and Pandey, A. 2012. 'Recurrence relations for marginal and joint moment generating functions of dual generated order statistics from power function distribution'. Pak. J. Statist., 28, No. 2, pp. 231-38.

Saran, J. and Nain, K. 2012. 'Relationships for moments of k-th record values from doubly truncated p-th order exponential and generalized weibull distributions'. ProbStat Forum, 05, pp. 142-49.

2013. 'Combinatorial approach to M/M/1 queues using hypergeometric functions'. International Mathematical Forum, 8, No. 10, pp. 463-72.

FACULTY OF MANAGEMENT STUDIES

BUSINESS MANAGEMENT AND INDUSTRIAL ADMINISTRATION

Ph.D. Degrees awarded

Ph.D. : 7

FACULTY OF APPLIED SOCIAL SCIENCES AND HUMANITIES

BUSINESS ECONOMICS

Ph.D./M.Phil. Degrees awarded

Ph.D. : 7

M.Phil. : 2

Honours/Distinctions

Prof. V.K. Kaul: Received the G20 Korea Global Leader Fellowship 2012 from Government of South Korea.

Seminars/Conferences attended

Prof. Suresh Aggarwal: 'Industry Origins of Aggregate Productivity Growth in India', presented a paper along with Deb Kusum Das, Abdul Erumban at the 32nd IARIW General Conference, Boston, USA, 5-11 August 2012.

Presented a paper along with Deb Kusum Das, Abdul Erumban, 'The Industry Origins of India's Economic Growth' at Second World KLEMS Conference in Harvard University, USA, 9-10 August 2012.

'Sustainable Development in India and Environmental Policy' Guest Speaker, Indo-Japan Dialogue Seminar 'In Search of Sustainability' organized by Institute of Rural Research and Development, Gurgaon, 27 April 2012.

'Employment of Casual Workers in organized Manufacturing in India: Analysis of Trends and the Impact of Labour Reforms' along with Prof Bishwanath Goldar presented at the National Seminar on 'Globalisation, Labour Markets and Employment Relations in India' organized by the Institute for Human Development and the Indian Society of Labour Economics, Mumbai, 9-10 July 2012.

'Carbon Sensitive Productivity Growth, Climate Change and Institutions' during the International Conference on Public Policy and Governance organized by the Indian Institute of Science Bangalore and Public Affairs Centre Bangalore, 4-6 September 2012.

'Environmental Fiscal Reforms in India: Progress and Prospects' Invited Speaker on National Conference on 'Environmental Fiscal Reforms in India: Where and How' organized by TERI, New Delhi, 20-21 September 2012.

'Complements or Substitutes: Assessing Renewable and Non-Renewable Energy in OCED Countries' Invited Paper, Third National Research Conference on Climate Change, IISc Bangalore, 3-4 November 2012.

PAT in India: Estimating Shadow Prices for Energy Saving Certificates' with Surender Kumar, and Bishwanath Goldar in 49th Conference of the Indian Econometric Society, Patna, 9-11 January 2013.

Prof. V.K. Kaul: 'How Business Preferences of Women Entrepreneurs Enable or Restrict Innovation- a Study of Women Entrepreneurs in Delhi, European Academy of Management Conference (In Joint Authorship with Anu Pandey and Venkat Raman) in Rotterdam, 6-8 June 2012.

'Indian Economy and Corporate Sector,' in KDI School of Public Policies and Management, Seoul, S. Korea, 9 October 2012.

'Money, Finance and Governance', Keynote Address at National Seminar in Zakir Husain College, 13 February 2013.

Dr. Yamini Gupta: Paper presented by co-author Priti Mendiratta 'Private Returns to Education in India by Gender And Location: A Pseudo-Panel Approach.' at the 2nd International Conference 'Reshaping Organizations to Develop Responsible Global Leadership' organized by Nepalese Academy of Management, Kathmandu, Nepal, 10-12 March 2013.

Prof. A.G. Dastidar: 'The Global Recession and Developing Economies in Asia.' Paper presented at 'Theory and Practice of Indian Economy', CESP 40 Years Conference, CESP, JNU, New Delhi, 9-12 December 2012.

Publications

Gupta, Y. 2012. 'Is the Deposit Refund System for Lead Batteries in Delhi and the National Capital Region Effective?' (South Asian Network for Development and Environmental Economics (SANDEE) Working Paper 68-12).

Kaul, V.K. 2012. 'Re-orienting and transforming Innovation Systems in G20 Countries for Green Growth Model,' (G20 Korea Global Leaders Fellowship- Research Papers, KDI School, Seoul, South Korea).

2012. 'Growth Strategy and Capabilities building by Indian Enterprises,' Journal of Business Thought, (2012) <http://ssrn.com/abstract=2198723> or <http://dx.doi.org/10.2139/ssrn.2198723>.

Kumar, S. 'Does Modernization Improve Performance: Evidence from Indian Police,' European Journal of Law and Economics.

'Comprehensive Wealth and Sustainable Development in India,' Journal of Income and Wealth'.

Kumar, S. and Yalew, A.W. 2012. 'Economic Impacts of Climate Change on Secondary Activities: A Literature Review,' Low Carbon Economy, 3: 39-48.

Kumar, S. and Managi, S. 2012. 'Productivity and Convergence in India: State Level Analysis,' Journal of Asian Economics 23, no. 5: 548-559.

Varshney, P., Kaul, V.K. and Vasal, V.K. 2012. 'Corporate Governance Index and Firm Performance: Empirical evidence from India,' SSRN, <http://ssrn.com/abstract=2103462> or <http://dx.doi.org/10.2139/ssrn.2103462>.

2012. 'Corporate Governance Index and Firm Performance: A Study of Select Indian Firms,' SSRN, <http://ssrn.com/abstract=2107237> or <http://dx.doi.org/10.2139/ssrn.2107237>.

Sridhar, K.S. and Kumar, S. 2013. 'India's Urban Environment: Air and Water Pollution and Pollution Abatement,' Economic and Political Weekly, 48, No. 06.

SLAVONIC & FIINO-UGRIAN STUDIES

Research Schemes

Title	Principal /Investigator	Sponsoring Organization
Compilation of a contemporary Textbook of Russian as a Foreign Language for Indian classroom.	Dr. Ranajana Saxena	R&D
Application of Bulgarian Folklore And Folkloristic in Teaching of Bulgarian.	Dr. Rashmi Joshi	R&D

Development of Reception and Competence in the course of Literature. Dr. Koves Margit R&D

Role and Relevance of Audio-Visual Courses and Technical Aids in Teaching & Learning of Russian as a Foreign Language. Dr. Girish Munjal R&D

Seminars/Conferences attended

Dr. Marijana Janjic: 'Language in works of Amitav Ghosh', 4th MESIC: International Conference for Indologists, Zagreb, Croatia by Marijana, 10-13 May 2012.

Language, Politics, Nationhood, Livelihood', paper presented in International Conference 'Revisiting East Central Europe and Russia: Society and Culture '20 Years' After', University of Delhi, 6-7, March 2013.

English -s/-es in Hindi environment// paper presented at the International Conference Language Contact in India: historical, typological and sociolinguistic perspectives, Deccan College postgraduate and research institute, Pune, 6-8 February 2013.

Dr. Ranjana Saxena: Representing the Region: Creative Writings then and now, paper presented in the Fourth East Asian Conference on Slavic Eurasian Studies on 'Image of the region in Eurasian Studies', Azad Bhavan, Kolkata, 4-5 September 2012.

A Tale of Two Cities – Calcutta and Tashkent in the Literary Imagination. Reading the city novels by A.Chaudhari and Dina Rubin, paper presented in the International Conference 'Central Asia and South Asia – Economic, developmental and Socio-Cultural linkages', Academy of International Studies, JMI, 20 March 2013.

Written on their bodies and Souls: Testimonies of women refugees - Bosnia, Croatia and India: On reading the 'Suitcase' by Jasmina Tesanovic and 'Silence' by Urvashi Butalia, paper presented in International Conference 'Revisiting East Central. Europe and Russia: Society and Culture '20 Years' After', University of Delhi, 6-7 March 2013.

Dr. Rashmi Joshi: An appraisal of Bulgarian literature post- 1989 paper presented in International Conference 'Revisiting East Central Europe and Russia: Society and Culture '20 Years' After', University of Delhi, 6-7 March 2013.

Dr. Neelakshi Suryanarayan: 20 years later: Exploring social idioms in Russian cinema, paper presented in International Conference 'Revisiting East Central Europe and Russia: Society and Culture '20 Years' After', University of Delhi, 6-7 March 2013.

Dr. Margit Koves: East and West after the Changes - in the novels, essays and travelogues by János Háry and László Krasznahorkai// paper presented International Conference 'Revisiting East Central Europe And Russia: Society And Culture '20 Years' After' 6-7 March, 2013.

The 'regional' and the 'global' city, and heterotopias in László Krasznahorkai's Work' International Conference on 'City City Bang Bang': Contemporary literary and cultural representations of the city, University of Delhi, 21-23 March 2013.

Dr. Girish Munjal: Changes in Social Fabric as reflected in new Russian phraseology//paper presented in International Conference 'Revisiting East Central Europe and Russia: Society and Culture '20 Years' After', University of Delhi, 6-7 March 2013.

Dr. Mueller Bilijana: The concept of *hâsyam* paper presented at the International Seminar 'Reflection on Emotion in Indian Thought-Systems', Shimla, 4-6 September 2012.

Social Anthropology a Bulgarian perspective paper presented in International Conference 'Revisiting East Central Europe and Russia: Society and Culture '20 Years' After', University of Delhi, 6-7 March 2013.

Dr. Suman Chandan: Multimedia in Teaching and Learning Foreign Language paper presented in International Conference 'Revisiting East Central Europe and Russia: Society and Culture '20 Years' After', University of Delhi, 6-7 March 2013.

Publications

Books

Saxena, R. (ed.) 2013. *The Russian Discourse in the Contemporary Intercultural Context. International Conference Proceedings.* New Delhi: Prakashan Sansthan, ISBN 978-93-82848-14-1.

Research Articles

Bilijana, M. 2013. Russian language as Medium for Reception of Indian Literature in Bulgaria, in *Int. Conference Proceedings.* Edited by Saxena R, New Delhi: Prakashan Sansthan, pp. 109-18. ISBN 978-93-82848-14-1.

Chandan, S. 2013. Motivation and Foreign Language Learn ability// in the Young Adult Students in *Int. Conference Proceedings.* Edited by Saxena, R., New Delhi: Prakashan Sansthan, pp. 93-108. ISBN 978-93-82848-14-1.

Joshi, R. 2013. The Influence of A. Akhmatova on early poems of Elizaveta Bagriana// in *Int. Conference Proceedings.* Edited by Saxena, R. New Delhi: Prakashan Sansthan, pp. 153-62. ISBN 978-93-82848-14-1.

Koves, M. 2013. 'Stepan Pehotny-Isvan Baka: Identities of a Hungarian Poet// in *Intenational Conference Proceedings.* Edited by Saxena, R. New Delhi: Prakashan Sansthan, pp. 163-170. ISBN 978-93-82848-14-1.

Munjal, G. 2013. *Linguo-cultural Analysis of Language Units// in Int. Conference Proceedings.* Edited by Saxena, R. New Delhi: Prakashan Sansthan, pp. 61-64. ISBN 978-93-82848-14-1.

Saxena, R. 2012. *The Fall of the SU and the Fall of the Socialist Realist literary Canon// eurasia 20 years after//Ed. By Sengupta, A., Chatterjee, S. and Bhattacharya, S. Kolkata: Makaias Shipra Publications, 397-408. ISBN 978-81-7541-639-0.*

2013. Multiculturalism vs. Identity Dilemmas in the XXI Century: Re-reading L. Ulitskaya's 'Daniel Stein, Interpreter// in Perspectives on Multiculturalism (ed.) Doraiswamy Rashmi, Academy of International Studies, New Delhi: Manak Publishers, ISBN 978-93-7831-328-8.

2013. From the Societal Periphery to the literary Centre Stage–A Study of the House in which by M. Petrasyan// in Int. Conference Proceedings. Edited by Saxena, R. New Delhi: Prakashan Sansthan, pp. 209-20. ISBN 978-93-82848-14-1.

FACULTY OF COMMERCE AND BUSINESS

COMMERCE

Ph.D./M.Phil. Degrees awarded

Ph.D.	:	10
M.Phil.	:	3

Research Schemes

Title	Principal /Investigator	Sponsoring Organization
Financial Development & Economic Development.	Prof. K. V. Bhanu Murthy	R & D Grant, University of Delhi.
Relationship between Macroeconomic variables and Aggregate Stock Returns: An Empirical study of BRIC stock markets.	Dr. Vanita Tripathi	UGC
Green Investing in Indian Stock Market - Performance and Investors' Perceptions.	Dr. Vanita Tripathi	University of Delhi
The Impact of Fiscal Policy on Foreign Direct Investment Inflows: A Cross-Country Analysis of Select Asian Economies.	Dr. Niti Bhasin	University of Delhi

Honours/Distinctions

Prof. K.V. Bhanu Murthy: Chaired Session, won Best Paper Award and presented four papers, VII National Conference on Indian Capital Markets, 11-12 February 2013.

Dr. A.K. Singh: 'Best Paper Award' in 'Marketing' conferred jointly for 'Employer Branding' with Ms. Sonal Jain in the International Conference on 'Current Reality and Emerging Trends in Global Management Practices' organized by Institute of Management Studies, Career Development & Research, 11-13 January 2013.

Gold medal and Prof. Manubhai M. Shah Memorial Research Award 2012 Awarded jointly with Ms. Nidhi Dhawan by Indian Commerce Association on 11 November, 2012

Governor's platinum president award to Rtn. Dr. Ajay Kr. Singh, President, Rotary Club of Delhi Maurya 2011-12, for Leadership and Outstanding Contribution to the Cause of Rotary conferred by Rtn. Asit Mittal, District Governor, Rotary International District 3010 on 30 June 2012.

Dr. Vanita Tripathi: Best research paper award at National Conference on FDI in India--Response and Challenge organized by S.B.S. College, 5-6 November 2012.

Dr. Niti Bhasin: Best paper award at the 7th National Conference on Indian Capital Market: Emerging Issues held in IBS, Gurgaon, 12 February 2013.

Seminars/Conferences attended

Dr. A.K. Singh and Dr. Nidhi Dhawan: A Study of Impact of Organizational Climate on Job Stress and Coping Mechanism in Public and Private Sector Banks, presented in the 13th Annual International Conference on 'Global Turbulence: Challenges and Opportunities', Prince Hotel, Bangkok, Thailand, 5-6 May 2012.

Prof. J.P. Sharma: Presented paper 'link between corporate governance rating and performance indicators: an empirical study of S&P CNX Nifty companies' at the 2012 World Finance Conference, Rio de Janeiro, Brazil. Co-authored with Dr. Manisha Malhotra.

Presented a Paper titled 'Teachers' Role in University Governance--A Study of University of Delhi' in the 3rd World Conference on Learning, Teaching and Educational Leadership – 2012, at Brussels, Belgium, 25-28 October 2012.

Delivered Key Note address on 'Corporate Governance Issues Post Satyam' in the International Trade & Academic Research Conference organized by the ABRM'S Business and Management Review, University of London Union, 7-8 November 2012.

Delivered Seminar on 'Reforms in Corporate Governance' at the King's College, organized for his PG students by the Head, Department of Management at the King's College, London, 20 November 2012.

Prof. K.V. Bhanu Murthy: Presented a paper on 'Impact of Bilateral Tax Treaties on FDI Inflows--The Case of India' at 3rd World Finance Conference, Rio de Janeiro, Brazil, 2-4 July 2012.

Presented a paper on 'Business Ethics for Corporate Responsibility and Organisational Transformation' at the Management Conference 2012, Chicago, USA, 6-8 July 2012.

Presented a paper on 'Institutional Economics: An approach to analyse the conduct of Foreign Banks in India' at the World Finance Conference and Banking Symposium, Shanghai, 17-18 December 2012.

Presented a paper on 'IPO Pricing: Who Does IPO Grading Help' at the World Finance Conference and Banking Symposium, Shanghai, 17-18 December 2012.

Prof. S.R. Khanna: Presented papers at 'The International forum on Justice and Consumer Rights: UN Guidelines for Consumer protection', Institute of International Law, Wuhan University, China, Presented two co-authored papers entitled: 'Reflection of UN Guidelines on Consumer Detriment, Govt. Policy and Regulation' along with Ms. Archana Singh, JRF and 'Financial Consumer Protection: Need, issue and Framework' along with Ms. Isha Goel, Research Scholar, 14-18 March 2013.

Prof. Sanjay K. Jain: Attended and made a presentation as a key speaker at the closing session on 'Managing Corporate Social Responsibility: A Strategic Perspective' at the AP-EC Sustainability Summit at Singapore, 12-13 March 2013.

Dr. Niti Bhaisn: Presented a paper entitled 'Home Country Determinants of Outward FDI: A Study of Select Asian Economies' (co-author: Ms. Vandana Jain) at the 3rd World Finance Conference, Rio de Janeiro, Brazil, 2-4 July 2012.

Presented a paper entitled 'The Impact of Bilateral Tax Treaties on FDI Inflows: The Case of India' (co-author: Prof. K.V. Bhanumurthy) at the 3rd World Finance Conference, Rio de Janeiro, Brazil, 2-4 July 2012.

Chaired a technical session on 'Investments' at the 3rd World Finance Conference, Rio de Janeiro, Brazil, 2-4 July 2012.

Delivered the keynote address on the Fourth 'Indian Ideas and Thoughts' Annual Seminar on India-ASEAN: Situating Thailand in the Growing New Economic Opportunities, jointly organized by RILCA, Mahidol University, Bangkok and the Embassy of India at Bangkok, Thailand, 12 December 2012.

Seminars/Conferences held

Dr. A.K. Singh: An Empirical Analysis of Organizational Stressors in the Banking Sector, The Indian Journal of Commerce, Vol. 66, No. 2, Presented in the 65th Annual All India Commerce Conference at K.P.B. Hinduja College, Mumbai University, 9-11 November 2012.

Addressing the Ethical Challenges: An Empirical Analysis based on Action Research, Presented in the National Conference on Business Ethics: Issues, Challenges, and Opportunities at AJK College of Arts and Science, Coimbatore, Tamil Nadu, 7-9 February 2013.

Employer Branding: A tool for motivating and retaining employees, Presented in the Technical Session on 'Marketing - Branding' and was conferred 'Best Paper Award' jointly with Ms. Sonal Jain in the International Conference on 'Current Reality and Emerging Trends in Global Management Practices' organized by IMS, Career Development & Research, Maharashtra, 11-13 January 2013.

Performance Management through Spiritually Aligned Employee Engagement, Presented in the Technical Session on 'HRM' in the International Conference on 'Current Reality and Emerging Trends in Global Management Practices' organized by IMS, Career Development & Research, Maharashtra, 11-13 January 2013.

Talent Management: An Empirical Analysis of its Antecedents and Consequences Applying Structural Equation Modeling, Presented in the Technical Session on 'General Management' in the International Conference on 'Current Reality and Emerging Trends in Global Management Practices' organized by IMS, Career Development & Research, Maharashtra, 11-13 January 2013.

Prof. J.P. Sharma: Main speaker at a seminar organized by the research scholars of the Department of Commerce, and delegates from Stillman School of Business, Seton Hall University, USA at Delhi School of Economics, 8 March 2013.

Guest of Honor speaker at the plenary session of the 4th International Conference on Corporate Governance in Emerging Economics, organized by the Institute of Public Enterprise, Hyderabad on 10-11 December, 2012.

Prof. K.V. Bhanu Murthy: Chaired Session and presented 3rd International Conference on Empirical Issues in Trade and Finance, IIFT, Kolkata, 9-11 January, 2013,.

Dr. Kavita Sharma: 'Environmental Consciousness: It's Antecedents and Behavioural Outcomes' in 2012 International Conference Innovation in Marketing for Emerging Markets organized by AIM in Bangaluru, July 2012.

Adjudged in the category of Best Paper Awarded for making significant contribution to 'An Investigation into Consumer Behaviour for Energy Labeled Products' 5th IIMA Conference on 'marketing in Emerging Economies' organized by IIM, Ahmedabad, January, 2013.

Presented in 'Customer Evaluation of Technology Based Self Service Options in India' Adjudged in the category of Best Paper Awarded for making significant contribution to 5th IIMA Conference on 'Marketing in Emerging Economies' organized by IIMA, January 2013.

Presented in 'A Study of Developing Segments Based on The Lifetime Value of Customers Through Weighted RFM Model' 6th International Conference on 'Innovative Ways of Managing Business in the Post Globalized Era' organized by Bhartiya Vidyapeeth Deemed University, 2013

Dr. Niti Bhasin: Presented a paper entitled 'Relationship between Outward FDI and Exports: A Causality Analysis for India' at the National Conference on FDI in India, 5-6 November 2012.

Presented a paper entitled 'Environmental Kuznets Curve: CO₂ Emissions, Pollution Havens and Type of Economic Development' at the 3rd International Conference on Multinational Enterprises and Sustainable Development on 13 December 2012.

Presented a paper entitled 'Push Factors Causing Outward FDI from Select Asian Economies: Is Sustainability a Concern?' at the 3rd International Conference on Multinational Enterprises and Sustainable Development on 13 December 2012.

Presented a paper entitled 'Foreign Institutional Investment in India: Examining Causal Relationships, Determinants and Impact of Crises' at the 7th National Conference on Indian Capital Market: Emerging Issues held in IBS, Gurgaon on 12 February, 2013.

Prof. S.R. Khanna: Presented a paper 'Measuring the Quality of Service of Indian Banks from the Consumer Perspective', National Conference on Contemporary issues in Business, Management & Finance. Sri Nagar on 21-23 September 2012.

Presented a paper 'An Evaluation of Quality of Service of Indian Banks from Consumers Perspective and Consumer Satisfaction', Conference on Contemporary Challenges for the Indian Banking Service organized by Institute of Public Enterprises, 4-5 October 2012.

Prof. S.K. Jain: Presented a jointly written paper on 'Sustainable Development, Consumer Well Being and Life Satisfaction: Preliminary Findings and Strategy Implications from Survey in India' at the 3rd International MESD Conference on 'Managing MNE Dynamics and Sustainable Development: Best Strategies, Practices and Models', New Delhi in 12-14 December 2012.

Chaired the Plenary Session on 'MNE Strategies and Practices: Opportunities in Global Markets' at the third International MESD Conference on 'Managing MNE Dynamics and Sustainable Development: Best Strategies, Practices and Models' held at New Delhi on 12-14 December, 2012.

Dr. Sunaina Kanojia: Presented in 'Footprints of Corporate Governance on BSE Companies, 4th International Conference on corporate governance in emerging economies: innovations, sustainability and challenges organized by Institute of public enterprise, Hyderabad, India in collaboration with accounting research institute, Malaysia & Institute of Business & Research, New Zealand, 10-11 December 2012.

Presented in 'Corporate Governance in Banks and Basel Norms: An Overview of Three Decades', 1st International Conference on 'Changing Dynamics in the Global Village', INCONSYM 2013, 5-6 January 2013.

Dr. Vanita Tripathi: Presented research paper 'Is Cross Border M&A a sustainable Business Strategy for Indian MNEs?' at MESD 2012 3rd International Conference organized jointly by Georgia Tech University USA and SBS College, 12-14 December 2012.

Presented the research paper 'Green is good in Indian Stock Market' at UGC sponsored National Seminar on Corporate Social Responsibility organized by K.M. College on 24-25 August 2012.

Presented research paper 'Impact of Cross Border Mergers and Acquisitions on Operating and Financial Performance- Evidence from Indian Acquirer Companies' at UGC sponsored National Seminar on Mergers and Acquisitions- Global Scenario organized by Kamla Nehru College on 17-18 August, 2012.

Presented research paper 'Interest rate sensitivity of Banking stock returns in India' at National Conference on Emerging issues in Investment Management in India organized by Institute of Management Studies and Research MD University Rohtak on 21 April 2012.

Prof. S.R. Khanna and Dr. P. Singh. 2012. Paper presented 'An evaluation of Quality of Service of Indian Banks from Consumer Perspective and Consumer Satisfaction'. International Conference on Contemporary Challenges for the IBS, Institute of Public Enterprise, Hyderabad, 4-5 October, 2012.

Publications

Books

Sharma, J.P. 2012. 'An Easy Approach to Company & Compensation Laws –in the Semester Mode', Ane Books Pvt Ltd, New Delhi: (1st Edition) Pages 496, ISBN 9789382127017.

Bhasin, N. 2012. FDI in India: Policies, Conditions and Procedures, New Century Publications, New Delhi.

Research Articles

Sharma, J.P. 2013. 'Corporate Governance: Initiative in India' published in the book titled 'Ethical Governance in Business and Government' published by Aalekh Publishers on behalf of Management Development Academy, Jaipur, pp. 172-95.

Sharma, K. 2012. 'Teacher's Role in University Governance-A Study of University of Delhi' presented in the 3rd World Conference on Learning, Teaching and Educational Leadership – 2012, Brussels, Belgium. Published in *Procedia-Social and Behavioural Journal*, ISSN: 1877-0428.

Sharma, K. and Vij, S.T. 2012. 'Emerging Role of Company Secretaries in Employment: A Study' -Paper published in the Convention Souvenir of 40th National Convention of Company Secretaries organized by ICSI.

Jain, S.K. and Mathur, S. 2012. 'Consumer Response to Retail Stockouts and Antecedents Thereof: A Conceptual Framework', *Business Analyst*, 32(1), pp. 23-53.

Jain, S.K. and Jain, S. 2012. 'Investigating Service Quality Dimensions: Issues and Perspectives for Future Researches,' *MAIMS Journal of Management*, 7(2), pp. 7-23.

Jain, S.K. and Jain, R. 2013. 'Consumer Ethnocentrism and Its Antecedents: An Exploratory Study of Consumers in India,' *Asian Journal of Business Research*, 3(1), pp. 1-18.

Khanna, S.R. and Singh, P. 2013. 'Assessment of Quality of Health Insurance Services'. New Delhi: Voice Society.

Khanna, S.R. and Singh, P. 2013. 'Assessment of Quality of Automobile Services'. New Delhi: Voice Society.

Murthy, B.K.V. and Deb, A.T. 2012. 'Foreign Banks in India: Keeping the Bank Street Dull', *Contemporary Challenges for the Indian Banking Sector*, Institute of Public Enterprises.

Murthy, B.K.V. and Gupta, L. 2012. 'Conduct of Commercial Banking in India: A Study of Non-Performing Assets', *Finance India*, V. 26, N.3, pp. 781-802.

Murthy, B.K.V., and Gupta, R. 2013. 'Relevance of Dual External Audit and Current Audit system in India' *Pezzottaite Journals: International Journal of Applied financial Management Perspectives*, V. 2, N. 1, pp. 225-232.

Niti, B. and Gupta, A. 2012. 'Linkage between Foreign Direct Investment Inflows and Exports: The Case of India', *NICE Journal of Business*, Vol. 7, No. 1.

Singh, A.K. and Sahi, S. 2012. 'Activity Based Learning in Commerce Education: An Empirical Analysis of Preferred Learning Mode and Instruction Approach', *The Indian Journal of Commerce*, Vol. 65, No. 2, pp. 225-238. Received the BBAY Award - Gold Medal 2011, for being the Best Paper in the 64th AICC.

Singh, A.K. and Monika, B. 2012. 'Green Marketing: A Study of Consumer Attitude & Environmental Concern', *The Indian Journal of Commerce*, Vol. 65, No. 2, 2012: 273-283. Received the GOLD MEDAL & Prof Manubhai M. Shah Memoria Research Award 2011 in the 64th AICC.

- Singh, A.K., Bhasin, N. and Sameer, L. 2012. 'MGNREGA: A Critical Assessment of Issues and Challenges', *The Indian Journal of Commerce*, Vol. 65, No. 2, pp. 151-164.
- Singh, A.K. and Dhawan, N. 2012. 'A Study of Organizational Stress and Coping Mechanism in Public and Private Sector Banks', *MAIMS Journal of Management*, Vol. 7, No. 1, pp. 19-28, ISSN 22490116.
- Singh, A.K. and Sakshi, V. 2012. 'An Analysis of Ethical Dilemma in Reporting Practices in Accounting', *MAIMS Journal of Management*, Vol. 7, No. 2, pp. 24-33, ISSN 22490116.
- Singh, A.K. and Shilpi, S. 2012. 'Learning Organization Concept and its Application in Public and Private Sector Companies of Steel Industry', ed. Lather, Anu Singh, et al., 'Enhancing people factor: HR issues and challenges', Narosa Publications, Delhi.
- Singh, A.K., Niti, B. and Sameer, L. 2012. 'MGNREGA: A Critical Assessment of Issues and Challenges', *The Indian Journal of Commerce*, Vol. 65, No. 2, pp. 151-164.
- Tripathi, V. and Bhandari, V. 2012. 'Green is Good in Indian Stock Market', *Colombo Business Journal*, Vol.3 No.2, pp. 27-45.
- Tripathi, V. and Jain, R. 2012. 'Short Term Return Effect of International Listing of Stocks- Evidence from Pharmaceutical and Chemical Companies in India' in *Asia Pacific Journal of Management Research and Innovation* (Sage Publications) Vol. 8, No. 3, pp. 255-263.
- Tripathi, V. and Sethi, S. 2012. 'Inter linkages of Indian stock Market with Advanced Emerging Markets' in *Asia Pacific Finance and Accounting Review* (ISSN 2278-1838) Vol. 1 No.1, pp. 34-51.

FINANCIAL STUDIES

Ph.D. Degrees awarded

Ph.D. - 5

Seminars/Conferences held

The XXV Annual Convention on 'Indian Financial Market: Thrusts and Challenges' was held on 29th September, 2012.

Dr. Amitabh Gupta: Private Equity: Is there a need for Regulatory Framework? Panel speaker at a seminar organized by Delhi College of Arts and Commerce, University of Delhi, 22-23 March, 2013.

Publications

Books

Gupta, A. The Determinants of Corporate Dividend Policy with C. Banga, 2010, *Decision- The Journal of IIM Calcutta*, August, Vol. 3, (2), pp. 63-78.

COLLEGES

ACHARYA NARENDRA DEV COLLEGE

Honours/Distinctions

Dr. Satyapal Singh: Awarded the prestigious Dronacharya Award by the Honorable President of India.

Dr. Sunita Hooda: Awarded Meritorious Teacher Award by Directorate of Higher Education, Govt. of NCT of Delhi.

Dr. Arijit Chowdhuri: Awarded PSSI best Poster award at Pondicherry University, Puducherry.

Dr. Vikrant Kumar: Awarded IASc-INSA-NASI Summer Research Fellowship.

Seminars/Conferences attended

Dr. Savithri Singh: Participated in International Conference 'Cambridge 2012: Innovation and Impact: Openly Collaborating to Enhance Education' and made presentation on 'Promotion of OER development in Indian Universities, in Cambridge, UK, 16-18 April 2012.

Chaired session on 'Exploring Education' in the Academic Congress; Enabling the Young: Redefining Education, organized by the University of Delhi, 6-7 September 2012.

Dr. Sandeep Kumar Goel: National Conference on Contemporary Issues in Business, Management and Finance, organized by University of Kashmir, Srinagar, 21-23 September 2012.

65th All India Commerce Conference organized by K.P.B., University of Mumbai, Mumbai, 9-11 November 2012.

Dr. Arijit Chowdhuri: 27th National Symposium on Plasma Science and Technology (PLASMA - 2012) organized by Pondicherry University, Puducherry, 10-13 December 2012.

New Course introduced

Course in Bio-informatics and In Silico Drug Discovery.

Publications

Books

Goel, S.K. 2012. Financial Performance of Commercial Banks in India in Post Reforms Era, An Empirical Study, Germany: Lambert Academic Publishing, 2012 ISBN: 978-3-659-19176-3.

Study Material: Block 2: Accounts from Incomplete Records including Unit 5: Self-Balancing System, Unit 6: Accounting from Incomplete Records-I, and Unit 7: Accounting from Incomplete Records-II and III for B.Com.-102: Financial Accounting for Arjun Singh Centre for Distance & Open Learning, Jamia Millia Islamia, New Delhi.

AYURVEDIC & UNANI TIBBIA COLLEGE

New Subjects introduced

P.G. in Ilm-us-Saidla, Munaf-ul-Aza, and Qabalat vo Niswan were started in 2012.

Library Development

Total Budget : 3-4 Lakh
Books added : 500 books on Ayurvedic and Unani Medicine

ADITI MAHAVIDYALAYA

Seminars/Conferences attended

Dr. Punyatoya Patra: Presented at paper on 'Land Evaluation for Its Optimum Use in the Kendujhar District, Orissa' at 32nd International Geographical Conference, University of Cologne, Germany, 26-30 September 2012.

Presented a poster on 'Forest Fires in Odisha: Natural Disaster or Poor Management?' 32nd International Geographical Conference, University of Cologne, Germany, 26-30 September 2012.

Dr. Sadhna Jain: Attended XIX International AIDS Conference held at Washington DC, USA, 22-27 July 2012.

Dr. Neelam Rathi: Topic of the paper, Hindi cinema ki bhasha, 9th World Hindi Conference, Johannesburg, South Africa, 22-24 September 2012.

Dr. Anu Sharma: Titled as 'The legacy of Srinivasa Ramanujan' an 'International Conference on Mathematics, Delhi University, 17-22 December 2012.

Dr. Bhawna Rajput: Participated for National Conference on 'FDI in India: Response and challenges' organized by Shaheed Bhagat Singh College, 5-6 November 2012.

Dr. Manisha Wadhwa: Presented a paper titled 'Addressing Understanding of Nature of Science: A Case Study of Pre-service Elementary Teachers' in an International Conference organized by Homi Bhabha Centre for Science Education, TIFR, Mumbai, 11 January 2013.

Dr. Ritu Chowdhary: Presented the paper 'Psychological Consequences of Interpersonal Acceptance and Rejection in Pairing Adults due to Archaic Astrological Beliefs in India' at the 4th International Congress organized by ISIPAR, Chandigarh, 10-13 January 2013.

Ms. Roshani Devi: Presented a paper titled as 'Forest Fires Vulnerability of Himachal Himalaya' in IGU Conference on 'Geo-informatics for Bio-diversity and climate change', M.D. University, 14-16 March 2013.

Ms. Sneh Gangwar: Presented a paper in 34th Indian Congress, NAGI on the theme Hazard, Vulnerability and Sustainable development' titled as 'Flood Hazard and Sustainable Development: A Case study of North Bihar' at Patna University, Patna, 2-4 November 2012.

Presented a paper titled as 'Coastal Zone Vulnerability: A climate change Perspective' in IGU Conference on the theme of Geoinformatics for Bio-diversity and Climate change hosted by M.D. University, 14-16 March 2013.

Dr. Suruchi Singh: Participated in the International Conference 'The Legacy of Srinivas Ramanujan' organized by University of Delhi, 17-22 December 2012.

Dr. Neelam Rathi: Topic of the paper - 'Hindi Cinema Mein Samajik Nyaya Ki Samasya Aur Samadhan' International Conference organized by Andhra University.

Dr. Promila: Presented a paper titled 'Role of small scale industries in Indian Economy' in the International Conference on Economics Business and Management, New Delhi, 22-23 December 2012.

Ms. Mamta Arora: Presented a research paper entitled, 'Peri-Urban Agriculture and Food Security: A case study of Delhi' at National Conference on Urbanization and Changing state of environment, organized by St. Xavier's College, Ranchi, 24-25 September 2012.

Dr. Asha: Presented a paper on 'Theatre in Education and Education in Theatre' in a National Seminar at D.A.V. Centenary College, Faridabad, in collaboration with National School of Drama.

Sh. Sanatan Tiwari: Presented Research Paper on 'Green Inclusive Growth - Low carbon Transport' in a National Seminar on 'Strategies for Inclusive growth' organized by School of Economics, Indore, 22 February 2013.

Publications

Books

Ailavadi, R. and Kheterpaul, N. 2012. 'Nutritional Evaluation of drumstick (*Moringa Oleifera*) leaves and development of value added products from drumstick leaves'. *Journal of Family Ecology*.

Lomesh, M. Published media-based book, *Samkaleen Media Paridrishya aur Asmitamoolak Vimarsh*.

Research Articles in Books or Scholarly Journals

Arora, M. 2012. Published an article entitled 'Role of Urban Agriculture in Food Security in North-western Delhi in Holistic Development: A geographical Perspective' by (ed.) Singh, K.N. and Rana, N.K., pp. 126-38.

Patra, P. Forest Fires in the Kendujhar District, Orissa, *Eastern Geographer*, XVIII: 97-102.

Mohanty, R.K. and Singh, S. 2012. Published a paper 'High order variable mesh approximation for the solution of 1D non-linear hyperbolic equation', *International Journal of Nonlinear Science*, Vol. 14, No. 2, pp. 220-27.

Singh, S. and Mohanty, R.K. 2012. Published a paper 'High accuracy cubic spline approximation on geometric mesh for the solution of 1D non-linear wave equations', *Journal of Mathematical and Computational Science*, Vol. 2, No. 4, 1126-1143.

AMAR JYOTI INSTITUTE OF PHYSIOTHERAPY

Seminars/Conferences attended

Dr. Hemant Juneja: Delivered a lecture on 'Diabetes in Sports and Exercise: A Physiotherapy Perspective' at the National Physiotherapy Conference, All India Institute of Medical Sciences, New Delhi.

Dr. Nalina Gupta Singh: Delivered a lecture on 'Sensory Integration' in a National Symposium on 'Neurological Disorders and Neuro-Rehabilitation' organized by Jamia Millia Islamia, New Delhi, 21 March 2013.

ATMA RAM SANATAN DHARMA COLLEGE

Seminars/Conferences attended

Dr. Sanjay Singh Baghel: 'Corporate Social Responsibility vs. Brand Equity – A Comparative study between Reliance Industries Limited and Tata Group of Companies' UGC-National Seminar on 'Corporate Social Responsibility issues and Challenges' organized by the Kirori Mal College, 24-25 August 2012.

'Social networking sites: An empirical study in the perspective of Omani students' for International Conference on Communication Media and design'. The Conference organized by Eastern Mediterranean University, Famagusta, Northern Cyprus, Mersin 10 – Turkey, 9-11 May 2012.

Ms. Parminder Kaur: Presented papers on the topic 'Relationship of economic growth and environmental performance index – a study of select developing countries and developed countries' at International Conferences on '2nd International Conference on advances in management and economics' at Dubai, 2-3 February 2013.

Presented paper on the topic 'Clan Development mechanism: a dirty deal or sustainable solution for India, at International Conference on BFMIMSD–2013 organized by 'Krishi Sanskrit', JNU, 25-26 May 2013.

Mr. Ruchika Kaurar: Presented paper on the topic, 'Public Private Partnership In Infrastructure Development In India-A Sectoral Analysis' at National Conference in GGSIP University on 23 May 2013.

Publications

Baghel, S.S. 2012. A book published 'Advertising and Social Media Status in Middle East'. Germany: Lambert Academic Publishing.

Research Papers/Article

Baghel, S.S. 2012. Published with the title of 'Corporate Social Responsibility (CSR) and PR: Indian perspective' in Communication Today, the journal published from Jaipur (ISSN 0975 – 217X) in April – September, 2012 issue.

2012. Published with the title of 'Vigyapano me sex Appeal' in 'Media-Vimarsh (A media study journal), published from Bhopal (ISSN -2249-0599) in September, 2012 issue'.
- Kaur, P. and Rajput, N. 2013. 'Relationship of economic growth and environmental performance index – a study of select developing countries and developed countries'. International Journal of Applied Social Sciences and Research (ISSN – 2319-8516), Vol. 2, No. 1, 145-53.
2013. 'The relationship of empowerment, transformational leadership and personal outcomes: and empirical study in India', Excel India Publication, ISBN 978-93-82880-26-4, 110-120.
2013. 'State Bank of India a shining beacon in Indian financial sector – lessons for banking sector'. International Research Journal of Economics and Business Studies, Vol. 02, No. 5, 21-31.
- Rajput, N., Kakkar, R. and Kaura, R. 2013. 'Profitability And Credit Culture of NPAs: An Empirical Analysis of PSBs, 'The International Journal's Research Journal of Commerce And Behavioural Science, Singapore, Vol. 2, Issue 3, 40-53.
- Rajput, N., Kaura, R. and Khanna, A. 2013. 'India Banking Sector Towards A Sustainable Growth: A Paradigm Shift', International Journal of Academic Research In Business And Social Sciences, Vol. 3, Issue 1.
- 'Water Disclosure Practices in Indian Companies: A Road Less Travelled,' The International Journal Research Journal of Social Science & Management Publications, Singapore, Vol. 2, Issue 10, 132-44.
- 'Need For Formal Water Disclosure Practices in Indian Companies-Issues And Challenges', DCAC Publication.
2013. 'Public Private Partnership in Infrastructure Development, Issues and Options For India', International Journal of Business and Economic Research, Vol. 1, Issue-4, 1-18.
- Rajput, N., Kaura, R. and Ghai, R. 2013. 'Examining The Future- Spot Linkages: An Empirical Study of Soybean Market, International Journal Business And Economic Research, Vol. 1, Issue 2, 1-15.
2013. 'Examining The Price Discovery Future- Spot Linkages of Barley: A study of NCDEX India', The International Journal's Research Journal of Commerce And Behavioural Science, Singapore, Vol. 2, Issue 6, 18-26.
- Rajput, N. and Kaura, R. 2013. 'Future- Spot Relationship: An Empirical Study of Pepper Market, South Asian Academic Research Journal Academicia. Vol. 3, issue 4.

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES

Appointment of faculty members to higher Posts/Assignments

Dr. Ramesh Kataria: Joined the KAERI, Daejeon- South Korea as visiting scholar.

Honours/Distinctions

Dr. Shalini Sehgal: Received the Best Teacher Award conferred by Directorate of Higher Education presented by Mrs. Sheila Dikshit, Honorable Chief Minister of Delhi.

Dr. Meenakshi Garg filed two national patents.

Seminars/Conferences held

National Conference entitled 'E-Waste Sustainability: Needs and Solutions for its Management' was organised in collaboration with GIZ-IGEP (Indo-German Environment Partnership), 7-8 March 2013.

Seminar on 'Human Rights in the Natural and Social Environment' in association with the National Human Rights Commission was organized.

Seminars/Conferences attended

S. Umais, M. Garg, S.G. Varmani and S.D. Sadhu: 'Development of Multi-Cereal Protein Bar with Jaggery' in the Proceedings of the ICBPN 2012 International Conference, Kottayam, Kerala, 20-22 September 2012.

H. Chauhan, M. Garg, S.G. Varmani and S.D. Sadhu: To Study the Preparation and Nutritional Quality of Multi-Cereal Bar in the Proceedings of the ICBPN 2012 International Conference, Kottayam, Kerala, 20-22 September 2012.

Shalini Sehgal: International Conference and Exhibition on Food Technology and Processing at Hyderabad, 20-22 November 2012.

T. Negi, M. Garg, S.G. Varmani and S. Sadhu: Making of Papaya Papada in the Proceedings of 1st International Conference on Innovations in Food Processing, Value Chain Management and Food Safety at NIFTEM, Haryana, 10-11 January 2013.

S. Jain, A. Dutta, S.G. Varmani, M. Garg and S.D. Sadhu: Low Cost Multi cereal Nutritive Bar in the Proceedings of the 1st International Conference on Innovations in Food Processing, Value Chain Management and Food Safety at Haryana, 10-11 January 2013.

Neeru Kasyap: Attended an International Conference 'The Legacy of Srinivasa Ramanujan' organized by the University of Delhi, 17-22 December 2012.

A. Kaur, Jitender Kumar, I. Singh, D. Madhwal, A. Kumari, N. Prasad, P.K. Bhatnagar and P.C. Mathur: Nanostructure Grapheme and Chemically Functionalized Multiwalled Carbon Nanotube Based Gas Sensor in Indo Canadian Symposium on Nano Science and Technology International Conference, Mysore, 20-22 February 2013.

Publications

Books

Rao, E.S. 2012. Food Quality Evaluation. New Delhi: Variety Book Publishers & Distributors, New Delhi.

Research Articles in Books or Scholarly Journals

Kashyap, N. 2013. 'Variations on Weyl type theorems', Int. Journal of Contemp. Math. Sciences, 8: 189.

Mittal, A., Kapoor, A. and Saxena, T.K. 'Genetic Algorithm Based Incremental PID Temperature'.

2012. 'Controller For Long Dead Time Nonlinear Bath', *Int. J. of Engineering & Science Research*, 2: 449.
2012. 'Genetic Algorithm Based Tuning of Fixed Bias PID Controller for a Nonlinear Constant Temperature Water Bath under Load Disturbances', *J. Automation & Systems Engineering*, 6-2: 96.
- Bansal, S., Mittal, A., Sharma, V., Sharma, O.P. and Saxena, T.K. 2012. 'Design and Development of Advanced Cross Assembler for 8085 Microprocessor', *Int. J. of Computer Applications*, 0975: 11.
- Kumar, J., Madan, S., Madhwa, D., Singh, I., Bhatnagar, P.K., Mathur, P.C. and Islam, S.S. 'Characterization of Quantum'.
2012. 'Dots of CdSe_xS_{1-x} Embedded in Borosilicate Glass using XRD, UV-Vis Absorption and Raman Spectroscopy Measurements', *International Journal of Nanoscience*, 11: 1250015.
- Dixit, S.K., Madan, S., Madhwal, D., Kumar, J., Singh, I., Bhatia, C.S., Bhatnagar, P.K. and Mathur, P.C. 'Bulk Hetrojunction'.
- Formation with Induced Concentration Gradient from a Bilayer Structure of P3HT: CdSe/ZnS Quantum Dots using Inter-Diffusion.
- 'Process for Developing High Efficiency Stable Solar Cell', *Organic Electronics*, 13: 533.
- Soni, A., Sadhu, S.D., Garg, M., Garg, A., Handa, R., Varmani, S.G. and Kaur, B. 2012. 'Preparation of Starch-PVA Blend Using Potato and its Mechanical Characterisation', *Jr. of Nanomedicine and Nanotechnology*, 3: 97.
- Bajpai, M. 2012. 'Communication' and 'Close Relationships' in Social Psychology', New Delhi: McMillan Publishers: 235-268 and 366-408.
- Bajpai, M. and Chadha, N.K. 2012. 'Psycho-social Determinants of Marital Discord and Satisfaction in Changing Times: Hope Floats', *Journal of Positive Psychology*, 1: 47.
- Mehra, N., Majumdar, R.S., Kumar, S. and Dhewa, T. 2012. 'Probiotics: Preventive and Clinical Applications', *Biotechnology Research Bulletin*, 1: 015.
- Puniya, M., Sangu, K.P.S., Bhardwaj, A., Kumar, S., Dhewa, T. and Pant, S. 2012. Isolation and Biochemical Characterization of Potential.
2012. Probiotic Culture from Dahi. *Research & Reviews: A Journal of Dairy Science and Technology*, 1: 18-31.
- Puniya, M., Sangu, K.P.S., Bhardwaj, A., Gupta, D., Kumar, S., Dhewa, T. and Pant, S. 2012. 'Probiotic and Functional Attributes of Lactobacillus Spp Isolated from Human Faces', *Journal of Research in Antimicrobials*, 1: 001.
- Dhewa, T. 'Protocols for Evaluation of Probiotic Attributes of Lactic Acid Bacteria', Lambert Academic Publishing GmbH & Co. KG, Saarbrucken, Germany. ISBN-978-3-8465-1441-2 (Monograph).

BHARATI COLLEGE

Seminars/Conferences attended

Dr. Kanta Rani Bhatia: Presented a paper titled 'A New Interpretation of Panini's Ashtadhyayi by Bharatrihari in his Vakyapadee' at the Massachussets University in the US.

Nisha Tiwari: Presented a paper titled 'Naxalism in India: A Contestation of Contemporary Indian Democracy' at the 11th Annual East-West Center Graduate Students Conference on the Asia Pacific Region at Honolulu, Hawaii.

Dr. Sangit Sarita Dwivedi: Read the paper 'Empowering Women in Developing Countries of Asia and Africa: A Comparison' at the International Conference on 'Gender Relations in Developing Societies: A 21st Century Perspective' organised by Maharaja Agrasen College.

Presented the paper 'Empowering Women and Minorities: Towards a New Development in the 21st Century' at the International Conference on 'Inclusive and Sustainable Growth: Role of Industries, Governments and Civil Society' organised by the BAIF, Pune.

Dr. Sonali Jain: Presented a paper on 'Desire and the Self in Vijay Tendulkar: An Analysis of Mitrachi Goshta' at a National Seminar on 'Minor Subjectivities: Paradigms of Representation and Discourse' organised by Kannur University at Thalassery, Kerala.

Dr. Poonam: Presented a paper on 'Management Education: Is it Driving Employability?' at the National Research Conference on 'Entrepreneurship, Employability, and Business Education' organized by the AIM.

Presented the paper 'Explore, Devise, Adopt Newer H R Policies because Innovation is the Key to Future Success' at the International Conference on 'Innovative Ways of Managing in the Post-Globalized Era' organized by the B.V. Institute of Management and Research.

Dr. Mukti Sanyal: Presented a paper titled 'The Extended Orientation Programme: Bridging the Gap between School and College' at the Plenary session of the 3rd International English Language Teaching Conference on Interfacing Language, Culture and Technology at BITS Pilani.

Invited as a resource person by the Post Graduate Govt. College for Girls, Chandigarh to chair a session at the National Seminar titled 'Indian Writing in English: A Search Within'.

Dr. Deepika Singh: Presented a paper titled 'Inclusion of Women and Minorities in Development' at the International Conference on Inclusive and Sustainable Growth organized by the Institute of Management Technology, Nagpur and BAIF Pune.

Presented a paper titled 'Women's Participation in Democracy: Myth or Reality' at the International Conference on 'Economics, Politics and Civil Society' at the India Habitat Centre.

Read a paper called 'Rural Women: Victims of Ecological Crisis: Theoretical Aspects' at the International Conference on 'Rural South Asia: Imaging Heritage' organized by the Baba Saheb Ambedkar Marathwada University, Aurangabad.

Presented a paper titled 'India's Growing Energy Need and Central Asia as a New Destination' at the International Conference on 'India in World Affairs: Next Decade' organized by Osmania University.

Ms. Sonia: Presented a paper titled 'Indian Public Sector Banks in the Post-reforms Period' at the International Conference on Contemporary Challenges in the Indian Banking Sector.

Ms. Arshi Zareen: Presented a paper on 'Using RFM based Market Segmentation in the Indian Context' at the 12th Consortium of Students in Management Research at the Indian Institute of Science, Bengaluru.

Publications

Books

Bannerjee, A. 2013. Diversity of Perspectives: Migrant Women and Indentity in the Novels of Bharati Mukherjee in Indian Writing in English (ed. Iqbal Judge) New Delhi: Creative Books.

Bhatia, K.R. Proficiency in Sanskrit Language Parts 1 and II for the students of Sanskrit Honours Semester 1 and III.

Dwiwedi, S.S. Contributed 4 chapters to the book United Nations and Global Conflicts (ed.) Kumar, C. and Gupta, S. New Delhi: Regal Publications.

2012. International Organizations and Global Governance in International Journal of Social Sciences and Interdisciplinary Research, Vol. 1, Issue 12.

2012. Alliances in International Relations Theory' in International Journal of Social Sciences and Interdisciplinary Research, Vol. 1, No. 8.

2012. Post-Tiananmen Square Incident: Relations between China and Neighbouring Countries in The Discussant: Journal of Centre for Reforms, Development and Justice, Vol. 8, No. 2.

Kavitendra, I. Published two online articles, titled 'Abhivyakti ki azadi aur nak ka sawaal' and 'Hum ek rape culture mein jee rahein hain'.

Jha, S. 2012. Literature to Combat Cultural Chauvinism: A Response in Journal of Contemporary Thought, No. 35.

Poonam. 2013. Transforming HR for Innovation and Leadership: The Journey has Begun in Transformational Leadership and Beyond (ed. Sharma, C.S. and Singh, R.K.) New Delhi: Excel India Publishers.

Sanyal, M. and Tiwari, N. Poetry Down the Ages: Selections from Geoffrey Chaucer to A.D. Hope (eds.) prescribed for the M.A. English course of the Department of English, Chaudhary Charan Singh University, Meerut.

BHAGINI NIVEDITA COLLEGE

Honours/Distinctions

Dr. Charu Sharma: Awarded Commonwealth Academic Staff Fellowship by UGC to work in London with Association of Commonwealth Universities, London, UK.

Awarded the Fulbright Nehru Postdoctoral Fellowship USA under India Education Fund.

Seminars/Conferences attended

Dr. Aloka Dutta: Presented a paper on The Role of European Union in Asia, Arcadia University, Paris, 29-30 December 2012.

Presented a paper on Globalization and its impact on the Developing Nations in United Arab Emirates, 13-19 February 2013.

Presented paper on Korean experience: Reminiscences in an International Conference organized by B.P.S.V., Haryana, 18-19 July 2012.

Dr. Mamta Shehrawat: Gave a presentation at Pre-Olympic Congress at Liverpool, England, 23-25 July 2012.

Dr. Purabi Saikia: Attended the 19th National Conference on Indian Colleges Forum, MES Keveeyam College, Malappuram, Kerala.

Dr. Vikas Choudhary: Participated in 6th International Conference on ICQRITITM-2012, University of Delhi, 26-28 July 2012.

Publications

Research Articles

Choudhary, V. 'Watermarking of Grayscale Image in DCT Domain using Least squares Support Vector Regression'. International J. Machine Learning and Computing, 2(6).

Dagar, P. 2012. Lengick Samanta Aur Gandhivadi Drastikon Nari Samvad, 83: 21-22.

Yadav, S. 2012. 'Impact of Fiscal Policy Stocks on the Indian Economy Margin'. The Journal of Applied Economic Research, 6(4).

BHIM RAO AMBEDKAR COLLEGE

Seminars/Conferences attended

Dr. Arvind Kumar Yadav: Participated in Annual Convention of the Indian Association of International Studies on 'The Dawning of the 'Asian Century': Emerging Challenges Before Theory and Practice of IR in India' in Collaboration with Institute for Research on India and International Studies at India International Center, 10-12 December 2012.

Dr. Meenu Anand: Attended Conference the Academic Congress on the topic 'Enabling the young: redefining education' organized by University of Delhi, 6-7 September 2012.

Dr. Navin Kumar: Chaired a symposium at ICDA National Conference on 'Indian Electronic Media Challenges and Opportunities' at Delhi University, 26 May 2012.

Presented paper 'Social and cultural aspects of academic success and life satisfaction' in an International Conference on Positivism at Amity University, 6 September 2012.

Dr. Rakesh Shahani: Presented a paper 'Disinvestment of Public Sector Undertakings: Is it Synonymous with PSU Reforms' at an International Conference on 'Contemporary Innovative Practices in Management'. Pacific Academy of Higher Education and Research, Udaipur, 13-14 April 2012.

Dr. Richa Chawdhary: Presented a paper 'Behavioral Aspects in Adolescent Youth-'Intervention of Social Work' at National Seminar on 'Indian Youth: Contemporary Issues, Challenges and Strategies', 5 June 2012.

Chaired a session in the National Seminar 'Indian Youth: Contemporary Issues, Challenges and Strategies' organized by Teerthanker Mahaveer University, 5-6 May 2012.

Presented a paper 'An Enquiry Into Drug Addictions Among Woman As An Impediment to Remote Rural Development in India' in International Conference at Whyall, University of Australia, 23-28 September 2012.

Mr. Ravi Shankar: Presented a symposium entitled as 'Mahatma Gandhi and Social Psychology of the Indian People' at XXII Annual Convention of National Academy of Psychology hosted by Christ University, Bengaluru, 10-12 December 2012.

Presented a Paper 'When Do People Protest? Insights from Anti Corruption Protests in India' in 30th International Congress of Psychology at Cape Town, South Africa, 22-27 July 2012.

Dr. Rekha Rani: Presented a research paper 'Quality of Work Life: As a Predictor of Psychological Wellbeing of Police Employees' at XXII Annual Convention of National Academy of Psychology hosted by Christ University, Bengaluru, 10-12 December 2012.

Dr. Sarla Bhardwaj: Attended an International Conference on 'The legacy of Srinivasa Ramajunan', organized by University of Delhi, 17-22 December 2012.

Dr. G.K. Arora: Presented a paper 'Globalizing India: Need for Inclusive Sustainable Human Development' in an International Conference on Sustainable Development 2012 held at Montclair State University, USA, 31 July - 2 August 2012.

Publications

Harish, Published 'Health Status and Economic Growth In India: An Empirical Investigation' an article in 'Inclusive Financial Infrastructure' edited by Dr. Rudra P. Pradhan, Bloomsbury Publication, August 2012.

Anand, M. 2012. Published paper 'Management of HIV Treatment and Prevention: Indian Experiences' Practice: Social Work in Action, University of Edinburgh. United Kingdom. Routledge.

2012. Contributed a chapter Locating Gender Equity in School Practices in the book 'Role of Teachers in Changing Context' (ed.) Parimala, D., Kanishka Publishers.

Kumar, N. 2012. Published a paper 'Sources and remedies of examination stress among Indian school children' in The Discussant Journal of Centre for Reforms, Development and Justice. Vol. 1, No. 2 titled July-2012.

- Published a paper 'Social and cultural influences of success and its impact on life satisfaction: An Indian scenario' in *The Journal of Positive Psychology*, Vol. 1, No. 2.
- Thakur, R. 2012. Published research paper 'Mineral Resource Potential and prospects in Chotanagpur' in a book *Spatial Diversity and Dynamics in Resources and Urban Development*, (ed.) by Dutt, A.K., Vol. 1: Regional Resources, The Hauge: Springer.
2012. Published research paper. 'Coal Resources of India: Utilization, Problems and Conservation' in a book *Resources and Development* (ed.) by Ram, L.N. and Thakur, B. in Vol.1: Regional Resources, New Delhi: Concept Publication.
2013. Published research paper 'Water Use and its Management in Damodar River Basin' in a book *Perspective in Resource Management in Developing Countries* (ed.) Thakur, B., Vol. 7, New Delhi: Concept Publication.
2013. Published research paper 'Patterns of Socio-Economic Development in Jharkhand' in a book *Development Theory and Practice: Emerging Perspective* (ed.) Thakur, B., Vol. 2: Development patterns, New Delhi: Concept Publication.
- Prasad, R. Published a research paper 'A Brief Look at Slow Diastrophic Forces' Geo-view published by the Geographical Society of Sherubtse College, Bhutan.
- Published two research papers 'Taxonomy of Landslide and Vulnerability in Eastern Bhutan'; and 'Earthquake and Landslide Vulnerability; some selected Studies from Bhutan.' Sherub Doenme. *The Research Journal of Sherubtse College*, Vol.10 &11, No.1 & 2.
2012. Contributed a chapter 'Population: Our Greatest Resource' in a Text Book of Social Science, National Institute of Open Schooling, Ministry of HRD.
- Chawdhary, R. 2012. Published a research paper 'Socio Economic Status of Child Ragpickers in India- A Case Study of New Delhi' in *Jharkhand Journal of Development and Management Studies*, Vol. 9, No. 4.
- Arora, G.K. 2012. Published a paper, 'Globalisation Induced Impact on Employment Restructuring and Skill Formation: Challenges Ahead', *BSSS Journal of Social Work*, 2012, Issue I, Vol. IV, pp. 152-62.
- Published a paper, 'Globalizing India: Need for Inclusive Sustainable Human Development' *OIDA International Journal of Sustainable Development Canada*, Vol. 05, No. 03, pp. 115-28 (jointly).

COLLEGE OF ART

Major Activities

The Annual National Level Seminar-cum-Workshop was hosted by the College from 17-22 September, 2012 where 68 senior Fine Art students from 15 premier Art Colleges in the Country were invited to participate, interact and work in various mediums along with Faculty and students of the College.

The Exhibition (selected works of BFA & MFA students) was inaugurated by His Excellency Shri. Tejendra Khanna, Hon'ble Lt. Governor of Delhi on 4-9 March, 2013.

COLLEGE OF VOCATIONAL STUDIES

Seminars/Conferences attended

Dr. Inderjeet: Attended 2nd Advances in Hospitality and Tourism Marketing and Management Conference at Corfu, Greece, 31 May-3 June 2012.

Chaired a session on HRM at International Conference on Advances in Management & Economics at Dubai, UAE on 2 March 2013.

Chaired a session on Human Resource at India in Hotel, Travel & Tourism Research Conference on Technology, Trends & Innovations organized by GGSIP University, New Delhi, 29-31 January 2013.

Dr. Harjinder Chaudhry: Participated in Conference on 'Gandhi Ji Ki Bhasha Dristi' at Johannesburg on 22 September 2012.

Dr. Kumar Ramakrishna: Attended International Conference on Indian Tourism at Bocconi University, Milan, Italy.

Dr. Ashish Taru Dev: Attended World Finance Congress at Shanghai, China, 17-18 December 2012.

Publications

Research Papers

Inderjeet, 2012. HRD in Tourism: A case study of India, AHTMM Conference, Corfu, Greece.

2013. Study of volatility clustering in the stock prices of the Information Technology Index in International Conference on Advances in Management & Economics, Dubai.

2013. Empirical study of employee turn over in IT industry with special reference to NCR in The Educator (III) - The FMIT Journal.

Dev, A.T. and Kaushik, S. 2012. Indian Public sector Banks in the Post-Reforms Period in Contemporary Challenges for the Indian Banking Sector edited by Mishra, R.K.M., Murthy, Sreenivasa S. and Kiramai, J. New Delhi: Bloomsbury Publishing.

Dev, A.T. and Bhanu Murthy, K.V. Presented papers in Conferences - Institutional Economics: An approach to analyze the conduct of foreign banks in India, World Finance Congress, Shanghai, China, 17-18 December 2012.

Foreign Banks in India: Keeping the Bank Street Dull in Contemporary challenges for the Indian Banking Sector edited by Mishra, R.K., Murthy, Sreenivasa, S. and Kiramai, J. New Delhi: Bloomsbury Publishing.

2012. 'Sub Prime Crises in US: emergence, Impact and Lessons', Journal of Integrated Research & Development, 1(1), pp. 1-12.

Saxena, A. and Dev, A.T. 2012. Should not the Public sector Banks have more positive HR orientation? In contemporary challenges for the Indian Banking Sector edited by Mishra, R.K., Murthy, Sreenivasa, S. and Kiramai, J. New Delhi: Bloomsbury Publishing.

DAULAT RAM COLLEGE

Seminars/Conferences attended

Mrs. Manjula Rath: Represented India in the International platform. In 2012, she was selected as a part of world blind union to attend the general assembly Conference in Bangkok.

Publications

Books/Articles in Books

Sunita, co-authored with Prof. V. Rajsekharan a book titled 'Corporate Accounting' for B.Com. (Hons.), University of Delhi, published by Pearson, 2012-13.

DELHI COLLEGE OF ARTS AND COMMERCE

Honours/Distinctions

Dr. Mukesh Bagoria: Selected as Fellow by United States Department, Bureau of Educational and Cultural Affairs, Washington D.C, to study 'U.S. Culture and Society at New York University.

Seminars/Conferences attended

Dr. M.S. Rawat: Presented a paper titled, 'From Regulatory Control to Quality Assurance of Higher Education-Changed Agenda under 12th Five Year Plan', at the 19th National Conference of Indian Colleges Forum, Kerala, January-February 2013.

Dr. Neeru Kapoor: Presented a paper at the European Conference for Academic Disciplines held at Gottenheim, Germany, 8-13 April 2012.

Dr. V.B. Singh: Presented a paper titled, 'An Imperfect Debugging Model for Object Oriented Software System' in Academic Conference for Multi-disciplinary at Vienna, Austria, 1-5 April 2012.

Presented a paper titled, 'Predicting the Software Change Complexity using Entropy Based Measures' at International Conference on Quality, Reliability, Infocom Technology and Technology Management', University of Delhi, 26-28 November 2012.

Presented a paper titled, 'Quality Issues in Cloud Computing Environment' at International Conference on Quality, Reliability, Infocom Technology and Technology Management, University of Delhi, 26-28 November 2012.

Presented a paper titled, 'Generalized Imperfect Debugging Model for Object Oriented Software' at International Conference on Modeling and Optimization, (OPTIMA 2012), University of Delhi, 29 November-1 December 2012.

Presented a paper titled, 'Entropy based Bug Prediction using Support Vector Regression' at International Conference on ISDA, IEEE Explore, pp. 746-751, 27-29 November 2012.

Presented a paper titled, 'Predicting the Priority of a Reported Bug and Cross Project Validation' at International Conference on ISDA, IEEE Explore, pp. 539-545, 27-29 November 2012.

Presented a paper titled, 'Determining bug severity using machine learning techniques' in proceeding of International Conference on Software Engineering, Indore, IEEE Explore, pp. 378-87, 5-7 September 2012.

Presented a paper titled, 'Severity prediction of bug report in cross project context' at International Conference on Reliability, Infocom Technologies and Optimization, Amity University, Noida, 29-31 January 2013.

Presented a Paper titled, 'Study on Bug Prediction Approaches using the Complexity of Code Changes' at International Conference on Reliability, Infocom Technologies and Optimization, Amity University, Noida, 29-31 January 2013.

Dr. Shalini Saksena: Presented a paper titled, 'The Mining Industry: Undermining the growth potential of mineral-rich states in India' at International Journal of Arts & Sciences (IJAS) Conference for academic disciplines, Vienna, organised by Central Connecticut State University, United States, 1-5 April 2012.

Dr. Suresh R.: Presented a paper titled, 'Importance of Research and Development and Ownership Pattern of India's Electronics Industry' at UGC Sponsored National Seminar on 'Shifting Gears: Jumpstarting a Slowing Indian Economy at DCAC, 14-15 January 2013.

Mrs. Subodh Sharma: Presented paper titled, 'Tapping Demographic Dividend in the Post Reforms Era' at UGC Sponsored National Seminar on 'Shifting Gears: Jumpstarting a Slowing Indian Economy' at DCAC, 14-15 January 2013.

Presented a paper titled, 'Translation of Verbal Humour: Contexts and Paradigms' at 3rd International Conference, Translation, Technology, and Globalization in Multilingual Context, New Delhi, 23-26 June 2012.

Presented a Paper titled, 'Evaluating a Language Learning Course through Feedback' at 10th Asia Tefl International Conference at Tefsol, Gurgaon, 4-6 October 2012.

Presented paper titled, 'Feminisms in Bama's Sangati' at National Conference on Contemporary Social Realities in Indian English Fiction of Post 1980's at Manav Rachna International University, 19 May 2012.

Presented a paper titled, 'Cultural Transmutation: Othello to Omkara' at 7th Biennial World Shakespeare Conference on Shakespeare Across Cultures organized by BHU and Shakespeare Society of Eastern India, 3-5 December 2012.

Dr. Surbhi Dahiya: Presented a paper titled, 'Indian Media Industry: Growth Issues and Challenges' at ICSSR Sponsored National Conference on Freedom of Expression: Ethical Parameters and Market Forces in Media Industry, organised by Maharaja Agrasen College, 8-9 March 2013.

Presented a paper titled, 'Strengthening Indo Japanese Relationship; Opportunities and Threats' in a National Seminar organised at Malviya Samriti Bhawan, 16 January 2013.

Dr. Anuradha Gupta: Presented a paper titled, 'Variants of Weyl type theorems for direct sums in the IJAS' at International Conference for Academic disciplines, Vienna, Austria, 1-5 April 2012.

Dr. Mukesh Bagoria: Presented a paper entitled, 'Coalition Politics and the Problems of Governance' at the UGC sponsored National Seminar on 'Restructuring Higher Education: Constraints and Possibilities' at DCAC, 14-15 January 2013.

Publications

Bagoria, M. 2012. 'Social Movements in India'. In Indian Politics in Comparative Perspective. (ed.) Jha, P.K. New Delhi: Pearson Publication.

Bhela, A. 2012. 'Ancient Hindu Society and Eliot's Ideal Christian Society,' CLC Web: Comparative Literature and Culture, Vol. 14(2).

2012. 'Subverting Mythic Patterns'. In Indian Writing in English: Explorations in History Myth Literary theory. (ed.) Iqbal Judge, New Delhi: Creative Books.

2013. 'Destabilizing Fixities: Intermingling of History, Myth and Realism in Ghasiram Kotwal.' In Myth, Orality and Folklore in World Literature, (ed.) Sharma, V. New Delhi: Atlantic Publishers.

Dhingra, K.L. 2013. Deep Rashim, Part 1 to 8, New Delhi: Adonis Publications.

Goel, R. 2013. Cost Accounting, B.Com. (H) Semester 4, New Delhi: International Book house.

2013. Cost Accounting, B.Com. (P) Semester 4, New Delhi: International Book house.

Gupta, A. 2013. Multivariable Calculus, New Delhi: Anne Books Ltd.

2012. 'Weyl Type Theorems for α -Polaroid Operators,' International Journal of Mathematical Archives, Vol. 3(9): 1-7.

2013. ' k^* -Paranormal Composition Operators,' International Mathematical Forum, Vol. 8(9): 433-441.

Suresh, R. 2013. 'Determinants of Employment Under Economic Liberalisation in Electronics Industry', Journal of Labour and Development, V.V. Giri National Labour Institute. New Delhi: Ministry of Labour and Employment.

Saksena, S. 2012. 'Sustainable Income from Exhaustible Resources: Resource Accounting for Fossil Fuel Reserves in India,' Lambert, 69-79.

2012. 'Accounting for the Sustainable Use of Fossil Fuel Reserves in India', International Journal for Sustainable Innovations, Vol. 2(1): 69-79.

Singh, V.B. 2012. Essential of Computer Network Database and Internet Technologies. Oxford: India and Alpha Publisher.

2012. 'E-Governance: Past, Present and Future in India', International Journal of Computer Applications (0975-8887), Vol. 53(7): 36-48.

DEEN DAYAL UPADHYAYA COLLEGE

Major Activities

A Special Feature this year was the Foundation Stone Laying Ceremony of the New Campus of college at Sector-3, Dwarka, New Delhi. The Foundation Stone was laid by the Hon'ble Chief Minister of Delhi, and the function was presided over by Vice-Chancellor, University of Delhi.

Honours/Distinctions

Dr. Sunil Kumar: Awarded Ph.D. degree by University of Delhi.

Dr. Sujata Khatri: Awarded Ph.D. degree by Maharshi Dayanand University.

Dr. R.M. Bhardwaj: Appointed as Peer Reviewer by the Academic Journal History Research, David Publishing Company, California, USA (ISSN 2159- 550X).

Dr. Manoj Saxena: Reviewer of IET Micro and Nano Letters and Measurement Science and Technology. IOP, UK.

Seminars/Conferences attended

Dr. Manoj Saxena: Secretary, First National Conference on Recent Developments in Electronics organized by IEEE EDS Delhi Chapter.

Dr. Krishna Bansal: Attended International Congress on Chronobiology organized by University of Delhi, 3-7 October 2012.

Dr. R.M. Bhardwaj: Delivered a Special Valedictory Lecture, Conception of History in Early North India at the 95th Annual Conference of the Numismatic Society of India, Visva-Bharati, Santiniketan, W.B., 30 November - 2 December 2012.

Dr. Veena Jain: Attended International Conference on 'Optimization Modelling and Applications' organized by University of Delhi under Delhi Chapter of 'Operations Research Society of India', 29 November-1 December 2012.

Dr. Anek Goel, Dr. Monika Bansal and P.L. Meena: Participated in National Conference on Futuristic Trends in Physical Education & Sports at Amity University.

Mr. Sikander Aggarwal: Administrative Officer, attended a four-week Training Programme on 'Educational Administration, University Management, Accounts and Finance organised by University of Delhi in collaboration with FMRRS, New Delhi, 19 November-14 December 2012.

Dr. Anek Goel: Presented paper entitled 'Human Development Parity: An Imperative for Promotion of Olympism' in International Conference on Sports Economics and Vision on London Olympics 2012, 17-19 April 2012.

Presented paper entitled 'Athletes' Responsibilities-Obligations and Rights' in 9th International Seminar of Physical Education Teachers organised by Sports Institute of Finland (HAAGA-HELIA University of Applied Sciences) Vierumaki, Finland, 29 July-3 August 2012.

Dr. R. Saxena: Presented four research papers in the International Conference OPTIMA-2012, Model for Solving Fuzzy Multiple Objective Problem, A Linearization Approach to Multi-objective Set Covering Problem with Imprecise Nonlinear Fractional Objectives, Linearization Technique for Solving Quadratic Set Packing and Partitioning Problems, Portfolio Optimization with structured products under return constraint, 29 November-1 December 2012.

Dr. Anand Saxena: Presented a research paper, one amongst eight and the only one from India selected from the entire world, entitled 'Can MFIs help bridging the great divide? Lessons from India' (co-authored with Ashis Taru Deb) at Asia Pacific Journal of Management Special Issue Conference 'Asia & Poverty Closing the Great Divide Through Entrepreneurship & Innovation' in Shanghai, China, 18-19 December 2012.

Presentation entitled 'MFIs and Poverty Alleviation: Quo Vadis' (co-authored with Ashis Taru Deb) at International Conference on Empirical Issues in International Trade and Finance III at Indian Institute of Foreign Trade, Kolkata, 10-11 January 2013.

Publications

Articles in Journals/ Periodicals

Sood, A., Kalra, C., Pabbi, S. and Uniyal, P.L. 2012. Published a paper in peer-reviewed International journal Interplay between paraquat and exogenous nitric oxide in *Azolla microphylla*: differential responses of hydrogen peroxide, lipid peroxidation and antioxidant enzymes *Biologia*, 67(6): 1119-1128.

Kumar, S. and Lal, J. 2012. Post-Acquisitions Performance: Empirical Analysis, *International Journal of Marketing, Financial Services & Management Research*, Vol. 1, No. 4, pp. 18-22. [ISSN 2277-3622].

Kumar, S. 2012. 'Post-Mergers and Acquisitions Strategies to Create Shareholder Value: Agency Problem and Governance', *Asia-Pacific Journal of Research in Business Management*, Vol. 3, No.10, pp. 78-92. [ISSN 2229-4104].

Kumar, S. and Arora, N. 2012. Multicollinearity between Different Variables of Human Development Index for Better Inclusive Growth Policy, *The Economic Challenger*, Issue 57, No. 15, pp. 23-9. [ISSN 0975-1351].

Kumar, S., Sirhindi, G., Bhardwaj, R., Kumar, M. and Arora, P. 2012. Published paper in peer-reviewed International Journal: Role of 24-epibrassinolide in amelioration of high temperature stress through antioxidant defense system of *Brassica juncea* L. *Plant Stress*. 6(1): 55-58.

Mishra, A., Chaudhary, V., Mehta, R., Verma, M., Singh, R. and Rajpal, N. 2012. Watermarking of Grayscale Images in DCT domain Using LS – SVR, *International Journal on Machine Learning and Computing*, Vol. 2, No. 6, pp. 725-29.

Kumari, V., Saxena, M., Gupta, R.S. and Gupta, M. 2012. Simulation Study of Insulated Shallow Extension Silicon On Nothing (ISESON) MOSFET for High Temperature Applications, *Microelectronics Reliability*, Vol. 52, Issue 8, pp. 1610-12.

2012. Digital Circuit Analysis of Insulated Shallow Extension Silicon On Void (ISESOV) FET for Low Voltage Applications, Proc. SPIE 8549, 16th International Workshop on Physics of Semiconductor Devices, 854905; doi: 10.1117/12.925533.
2012. 'Temperature Dependent Drain Current Model for Gate Stack Insulated Shallow Extension Silicon On Nothing (ISESON) MOSFET For Wide Operating Temperature Range', Microelectronics Reliability, Vol. 52, pp. 974-83.
2012. Two Dimensional Analytical Drain Current Model for Double Gate MOSFET Incorporating Dielectric Pocket (DP-DG), IEEE Transactions on Electron Devices, Vol. 59, No. 10, pp. 2564-67.
- Narang, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. Immunity Against Temperature Variability and Bias Point Invariability in Double Gate Tunnel Field Effect Transistor, Microelectronics Reliability, Vol. 52, Issue 8, pp. 1617-20.
2012. 'Assessment of Ambipolar Behavior of a Tunnel FET and Influence of Structural Modifications', JSTS, Vol. 12, No. 4, pp. 482-91.
2012. An Analytical Modeling Approach for a Gate All Around (GAA) Tunnel Field Effect Transistor, Proc. SPIE 8549, 16th International Workshop on Physics of Semiconductor Devices, 854906; doi: 10.1117/12.925534.
- Narang, R., Reddy, Sasidhar K.V., Saxena, M., Gupta, R.S. and Gupta, M. 2012. A Dielectric Modulated Tunnel FET based Biosensor for Label Free Detection: Analytical Modeling Study and Sensitivity Analysis, IEEE Transactions on Electron Devices, Vol. 59, No. 10, pp. 2809-17.
- Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. 'Numerical Model of Gate All Around MOSFET With Vacuum Gate Dielectric For Biomolecule Detection', IEEE Electron Device Letter, Vol. 33, No. 12, pp. 1756-58.
2012. 'Effect of localized charges on Nanoscale Cylindrical Surrounding Gate MOSFET: Analog performance and Linearity Analysis', Microelectronics Reliability, Vol. 52, pp. 989-94.
- Saxena, A. 2013. 'Transgenerational succession in business groups in India'. Asia Pacific Journal of Management. On Line First. Asia Pac J Manag DOI 10.1007/s10490-013-9342-z.
- Gupta, P., Mehalawat, M.K. and Saxena, A. 2013. 'Hybrid optimization models of portfolio selection involving financial and ethical considerations', Knowledge-Based Systems, 37, 318-37.
- Bhardwaj, R.M. 2012. Published a Paper in book: 'Reconstruction and Deconstruction in Engaged Buddhism and its Social and Economic Role in Post-Modern SAARC' in Singh, R. (ed.) Buddhism: Message of Peace, Foundation of Saarc Writers and Literature (Foswal - ISBN: 81-88703-29-X), India, pp. 42-55.
- Bhatia, V. 2012. Published a research paper 'Host generated siRNAs attenuate expression of serine protease gene in Myzus persicae' in an International journal 'PLoS ONE, 7(10): e46343. doi:10.1371/journal.pone.0046343.

Presented poster entitled 'Silencing vital genes of *Myzus persicae* by plant-mediated RNAi imparts protection against sap sucking aphids' at National Conference on 'Newer horizons and innovations in Biotechnology and Biosciences-2012' sponsored by DBT, and ICMRS.

Bhatia, V. and Alok, A. 2013. Published an article in 'Abstracts and Articles Booklet' of National Conference : Pragmatic approach to drug discovery. National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Gautam, V.K. and Gautam, N. 2013. Published Abstracts in 'Abstracts and Articles Booklet' of National Conference: Recent developments in biotechnology for improving crops and exploring new areas of research. National Conference on Advances in Environmental Sciences and Plant Biotechnology.

2013. Environmental priorities in Delhi-NCR region for sustainable development. National Conference on advances in Environmental Sciences and Plant Biotechnology.

Kalra, C. and Babbar, S. 2013. Published an abstract in 'Abstracts and Articles Booklet' of National Conference: Role of nitric oxide in mitigating effect of paraquat, a ROS generator, on morphogenic response of hypocotyl explants of *Linum usitatissimum*. National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Kalra, C., Chhibbar, A., Gautam, V.K. and Gautam, N. 2013. Published articles in 'Abstracts and Articles Booklet' of National Conference: Nanotechnology: Health and Environment National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Chhibbar, A. and Kalra, C. 2013. Global warming: A major concern. National Conference on Advances in Environmental Sciences and Plant Biotechnology at DDU College.

Kaushik, S. and Inderjit 2013. Published an article in 'Abstracts and Articles Booklet' of National Conference: Physiological and cellular effects of selected herbicides used in rice wheat cropping system on *Anabaena fertilissima* C.B. Rao-a non-target beneficial microorganism. National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Kumar, S. Role of Corporate Governance in Mergers and Acquisitions to Create Shareholders Value, International Conference on Contemporary Innovative Practices in Management organized by Pacific University, Udaipur, Rajasthan.

Impact of Mergers on Corporate Performance: An Empirical Analysis of Related and Unrelated Mergers, UGC-National Seminar on Mergers and Acquisitions in Global Scenario.

Kumar, M., Kumar, S., Bhardwaj, R. and Sirhindi, G. 2012. Published abstracts in National Seminar and Conference: Alleviating effect of H₂O₂ pretreatment in low temperature induced oxidative stress in *Brassica juncea* L. seedlings. in 15th Punjab Science Congress at GND University, Amritsar.

2012. Physiological and biochemical role of 28- homobrassinolide in plant growth and temperature stress of *Brassica juncea* L. in 15th Punjab Science Congress at GND University, Amritsar.

2013. Enhancement of antioxidant defense system in *Brassica juncea* L. under low temperature through exogenously applied 24-epibrassinolide in National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Mishra, A., De, A. and Sharma, K. Robust Watermarked Image Transmission on OFDM Wireless Network, published in proceedings of 25th IEEE Canadian Conference on Electrical and Computer Engineering, Montreal, Canada, pp. 1-6.

Mishra, A., Goel, A., Singh, R., Chetty, G. and Singh, L. 2012. A Novel Image Watermarking Scheme Using Extreme Learning Machine, published in proceedings of IEEE WCCI 2012 - Brisbane, Australia, pp. 1-6.

Gautam, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. Analytical Drain Current Model for Damaged Gate All Around MOSFET including Quantum and Velocity Overshoot Effects, NSTI-Nanotech 2012 Conference and Expo, Santa Clara, USA, Vol. 2, pp. 716-19.

2012. Gate All Around MOSFET with Catalytic Metal Gate for Gas Sensing Applications, NANOCON 2012 – 2nd International Conference on Nanotechnology - Innovative Materials, Processes, Products and Applications at BV University, Pune, pp. 106.

Narang, R., Saxena, M., Gupta, R.S. and Gupta, M. 2012. Physics based Analytical Model for a Pocket Doped p-n-p-n Tunnel Field Effect Transistor, NSTI-Nanotech 2012 Conference and Expo, 18-21 June 2012, Santa Clara, USA, Vol. 2, pp. 776-79.

2012. Impact of temperature variations on the device and circuit performance of Tunnel FET - A Simulation Study, NANOCON 2012 – 2nd International Conference on Nanotechnology - Innovative Materials, Processes, Products and Applications, B.V. University, Pune, pp. 99.

2012. Analytical Model for a Dielectric Modulated Double Gate FET (DM-DG-FET) Biosensor, International Conference on Emerging Electronics, Jointly organized by IIT Bombay & IISc Bangalore.

Kumari, V., Saxena, M., Gupta, R.S. and Gupta, M. 2012. Comparative Study of Silicon On Nothing and III-V On Nothing Architecture for High Speed and Low Power Analog and RF/Digital Applications, NANOCON 2012, 2nd International Conference on Nanotechnology - Innovative Materials, Processes, Products and Applications at B.V. University, Pune. pp. 105.

2012. Temperature Dependent Model for Dielectric Pocket Double Gate (DPDG) MOSFET: A Novel Device Architecture, International Conference on Emerging Electronics, Jointly organized by IIT Bombay & IISc Bangalore.

Theoretical Investigation of Back Gate Bias Effect on the Electrostatic Integrity of Insulated Shallow Extension Silicon On Void (ISESOV) MOSFET, INDICON-2012 – innovations in social and humanitarian engineering, Kerala.

Goel, S., Sharma, A. and Bedi, P. 'Cuckoo Search Clustering Algorithm: A novel strategy of biomimicry', World Congress on Information and Communication Technologies, IEEE Explore.

Goel, S., Sharma, A. and Goel, A. 'Development of Swarm based Hybrid Algorithm for identification of Natural Terrain Features', International Conference on Computational Intelligence and Communication Networks, IEEE Explore.

Arora, P., Sharma, A. and Panchal, V.K. 'Swarm Intelligence for Feature Identification in Natural Terrain Environment', International Conference on Computational Intelligence and Communication Networks, IEEE Explore.

Sinha, S. 2013. Published an article in 'Abstracts and Articles Booklet' of National Conference A fragile ecosystem: Corals. National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Srivastava, P. 2013. Published an article in 'Abstracts and Articles Booklet' of National Conference Ecological feedbacks to global changes. National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Yadav, A., Ahmad, A. and Ahmad, J. 2013. Published an abstract in 'Abstracts and Articles Booklet' of National Conference: RAPD-based sequence characterized amplified region marker for authentication of medicinal plants. National Conference on Advances in Environmental Sciences and Plant Biotechnology.

DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH

Seminars/Conferences attended

Prof. S.K. Gupta and Prof. B.P. Srinivasan: 'Effects of Moringa oleifera on hyperglycemia induced retinal complications in experimental diabetic rats'. 28th Asia Pacific Academy of Ophthalmology Congress, Hyderabad, 17-20 January 2013.

'Role of curcumin in the prevention of experimental diabetic retinopathy in rats through its hypoglycemic, antioxidant, and anti-inflammatory mechanisms', 28th Asia Pacific Academy of Ophthalmology Congress, Hyderabad, 17-20 January 2013.

Prof. D.P. Pathak: International Conference of Pharmacoeconomics and Outcomes Research organized by ISPOR India chapter in Jacaranda Hall at Indian Habitat Centre, New Delhi, 23-24 November 2012. Chaired poster session Publications.

IPGA National Convention-2012 on the theme 'The Future of Pharmacist--A Health Care Professional' jointly organized by IPGA, Kurukshetra chapter and Institute of Pharm Sci, Kurukshetra University, 17-18 November 2012.

Poster presented in ISPOR Conference on regulatory trends in nutraceuticals and value based pricing of nutraceuticals versus pharmaceuticals, 23-24 November 2012, p. 32.

Dr. Meenakshi Chauhan: 'Needle will be soon an archaic tool', ISPOR, Delhi, 23-24 November 2012.

'Transdermal Drug Delivery via Proniosomal Gel System'. ISPOR, Delhi, 23-24 November 2012.

Formulation and Evaluation of Ramipril Based Proniosomes. National Seminar on Industry Demand from Pharmacy youth, sponsored by AICTE, 22-23 February 2013.

CSIR Sponsored National Seminar on 'IPR in Pharmacy: Patent Drafting & Filing', 16 February 2013.

Publications

Research Articles in Scholarly Journals

Agrawal, S.S. and Gupta, S.K. 2012. 'Prevention and management of diabetic retinopathy in STZ diabetic rats by *Tinospora cordifolia* and its molecular mechanisms'. *Food Chem Toxicol.* Jun 9; 50(9): 3126-32.

Chauhan, M.K. 2012. 'Formulation, characterization and In-vitro-In vivo evaluation of flurbiprofen-loaded Nanostructured lipid carriers for transdermal delivery'. *Drug Development Ind. Pharmacy.*

2012. 'Pharmacosomes: Opening new doors for drug delivery'. *International Journal of Pharmacy and Pharmaceutical Sciences.* Vol. 4.

Gupta, S.K. and Srinivasan, B.P. 2012. 'Hesperetin ameliorates hyperglycemia induced retinal vasculopathy via anti-angiogenic effects in experimental diabetic rats'. *Vascul. Pharmacol;* 57, 201-07.

2013. 'Hesperetin rescues retinal oxidative stress, neuroinflammation and apoptosis in diabetic rats'. *Microvasc Res.*

2012. 'Retinoprotective Effects of *Moringa oleifera* Via Antioxidant, Anti-Inflammatory, and Anti-Angiogenic Mechanisms in Streptozotocin-Induced Diabetic Rats'. *J. Ocul Pharmacol Ther.*

2012. 'Spasmolytic effect of novel antagonists of the adenosine A2 receptor in isolated guinea pig tracheal smooth muscle'. *Biomedicine and Aging Pathology*, 3 (1), pp. 31-5.

2012. 'Hesperetin ameliorates hyperglycemia induced retinal vasculopathy via antiangiogenic effects in experimental diabetic rats'. *Vascular Pharmacology*, 57(5-6), pp. 201-07.

2012. 'Recent Developments in Clinical Research (India)'. *The Pharma Review.*

Pathak, D.P. 2012. 'Synthesis and anticonvulsant activity of some n-substituted-phthalimide analogues'. *The Pharma Innovation*, 1(10): 55-59.

2012. 'Synthesis of 7-azaindole derivatives and their evaluation for analgesic activity', *IJPFR*, 1(3), 1-8.

2012. Medical significance of benzothiazole scaffolds: an insight view *Journal of Enzyme Inhibition and Medicinal Chemistry*, 1(11), 1-27.

2013. 'Synthesis and characterization in-vitro hydrolysis and pharmacodynamics profile of potential and novel mutual prodrugs of N- (2, 3-xylylanthranilic acid)'. *Medchem Research.*

2013. 'Synthesis, characterization and evaluation for anticonvulsant activity of acetylnaphthalene and substituted acetylnaphthalene derivatives of heterocyclic compounds'. *The Pharma Innovation*, 1(11), 90-101.

Srinivasan, B.P. 2012. Aqueous extract of tamarind seeds selectively increases GLUT-2, GLUT-4, and Islets' [Ca²⁺]_i levels and stimulates beta-cell proliferation in streptozotocin- induced rats. *Nutrition Research- Accepted doi:10.1016/j.nutres.*

2012. Chronic DPP-IV inhibition with PKF-275-055 attenuates inflammation and improves gene expressions responsible for insulin secretion in streptozotocin induced diabetic rats'. Manuscripted accepted in European Journal of Pharmaceutical Sciences. 47, 456-63.

2012. '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: 32-42.

2013. 'Hesperetin rescues retinal oxidative stress, neuroinflammation and apoptosis in diabetic rats'. Microvascular Research, 87, pp. 65-74.

'Tamarind Seed Extract Attenuates Cardiovascular Impairment Superimposed on Type II Diabetic Rats'. *Inventi Rapid Ethnopharmacology*, Vol. 2012.

2012. 'Vildagliptin selectively ameliorates GLP-1, GLUT-4, SREBP-1c mRNA levels and stimulates β -Cell proliferation resulting in improved glucose homeostasis in rats with streptozotocin-induced diabetes'. *Journal of diabetes and its complications*.

2012. '16, 17-Dihydro-17b-hydroxy isomitraphylline alkaloid as an inhibitor of DPP-IV, and its effect on incretin hormone and β -cell proliferation in diabetic rat'. *European Journal of Pharmaceutical Sciences*, 47(2), pp. 512-19.

2012. 'Novel diallyldisulfide analogs ameliorate cardiovascular remodeling in rats with L-NAME-induced hypertension'. *European Journal of Pharmacology*, 691(1-3), pp. 198-208.

2012. 'Sitagliptin, sitagliptin and metformin, or sitagliptin and amitriptyline attenuate streptozotocin-nicotinamide induced diabetic neuropathy in rats'. *Journal of Biomedical Research*, 26(3), pp. 200-10.

DESHBANDHU COLLEGE

Honours/Distinctions

Dr. Anil Jha: Awarded Ph.D. degree in History.

Seminars/Conferences attended

Dr. Meenakshi Prajneshu: Delivered an invited talk on 'Intellectual Property Rights' at the International Conference held at Islamabad, Pakistan 2012 and delivered an invited talk on 'Intellectual Property Rights Issues on Computer Software and Mathematical Algorithms' at the International Conference held at Greensboro, USA. 2012.

Dr. Bajrang Bihari Tiwari: Paper, 'Sampradayikta, jati ka prashn aur Sufi kavita' at an International Seminar on 'Samajik-sanskriti ka Andolan aur Asmitavadi Sahitya' by Centre for Dalit Literature and Art at JNU, June 2012.

Dr. Matadin Gupta: Co-Chaired the session on 'Institution and Democratic Transition in Eurasia', at the International Seminar on 'Eurasian politics: Ideas, Institutions and External Relations' organized by CRCAS., SIS., JNU, 2 November 2012.

Dr. Kamal Kumar Gupta: Effect of Lantana camara, on longevity and reproduction of Dysdercus koenigii', in XXIV International Conference of Entomology at Daegu, South Korea, 19-26 August 2012.

Influence of hexane extract of Ocimum sanctum and Catharanthus roseus on longevity and reproduction of Dysdercus koenigii in ICER-2012 at Kaula Terengganu, Malaysia, 22-24 November 2012.

Dr. Sushila Singhal, Vivek Saxena, Sushila Singhal, Manju Rani, Babita, Shivam Chawla, Rohit Kumar Jha and Vijay Kumar: Presented paper Qualitative analysis of water and gaseous pollutants from different zones of NCR region and designing some tools and technique to eradicate them by using absorption and adsorption techniques involving biodegradable materials, ICRACS-2013, organized by Arya P.G. College, Panipat, 24-26 February 2013.

Dr. Bajrang Bihari Tiwari: Paper, 'Dalit Kavyalochna' at National Seminar on Poetics organized by Sudha Smriti Sansthan, Gorakhpur, UP, 7-8 April 2012.

Paper on 'Identity Discourse in Literature of Hindi and other Indian Languages' in a National Seminar on 'Identity Discourse in Indian Languages' organized by Hindi Evam Bharat Adhyayan Vibhag, English and Foreign Languages University, Hyderabad, 11-12 February 2013.

Paper on 'Theorizing Marginality' in a International Seminar on 'Literature & Marginality: Comparative Perspective in African, American, Australian & Indian Dalit Literature' organized by IGNOU, 20-22 February 2013.

Delivered Key-note address entitled 'Understanding Indian Dalit Literature and Language' in a four days National Seminar on 'Tribal-Dalit: Languages and Literature' organized by University of Calicut, 19-22 March 2013.

Dr. Sanjeev Kumar: Paper on 'The Question of Regionalism and the Literature of Nagarjuna' at a National Seminar organized by T.I.S.S., Mumbai, 5-6 July 2012.

Lecture on 'Anti-colonialism and Rambilas Sharma' at a National Seminar at A.M.U., Aligarh, 19-20 March 2013.

Dr. Rajvir Shastri: Paper at 46th Session of All India Oriental Conference, title 'Atharv vedic vibhinnaushadhi yatatha unse sambandhitdev', University of Kashmir, 1-3 October 2012.

Dr. G.C. Pant: Presented a paper entitled 'भारवि विरचित किरातार्जुनीयम महाकाव्य में सामाजिक प्रशासन' in a UGC sponsored National Seminar on 'बृहत्त्रयी परिशीलन संगोष्ठी' organized by Sri Lal Bahadur Shastri Rastriya Sanskrit Vidyapith, 20 March 2013.

Mr. Krishnan Unni P.: Presented a paper titled 'Flesh, Desire and Resistance: An Examination of Reinaldo Arenas's Paradise on Earth' in the National Conference on 'Gay Literatures: Indian Sub-Cultures and Responses' at IIAS, Shimla, 4-5 April 2012.

Dr. Sushila Singhal: Paper presented: 100th Indian Science Congress, Centenary Session of Indian Science Congress, 'Science for shaping the future of India' organized by University of Calcutta, 3-7 January 2013.

Vivek Saxena, Sushila Singhal, Manju Rani, Babita, Shivam Chawla, Rohit Kumar Jha and Vijay Kumar: Presented paper 'Qualitative analysis of water and gaseous pollutants from different zones of ncr region and designing some tools and technique to eradicate them by using absorption and adsorption techniques involving biodegradable materials', Novel Molecules for Diagnosis and Therapeutics, CRACS-2013, organized by Arya P.G. College, Panipat, 24-26 February 2013.

Publications

Singhal, S. 2013. Paper published: 'Physicochemical and Thermal Characterization of PVP (poly N-vinylpyrrolidone) oxime derivative and application as binder in thin films'. International Journal of Chemtech Applications, Vol. 2, Issue 1.

Singhal, S. and Peshoria, S. 2012. Paper published: Sol-gel synthesis of pvp-oximo-adenyl-siliconate hybrid polymer, its characterization with spectral analysis and application in drug loading. Prasad Dada Funde Applied Research And Development Institute Journal, Vol. 6, Issue 3, pp. 20-33.

Kumar, S. 2013. (eds), 'Three Hundred Ramayana and other Essays', New Delhi: Vanee Prakashan.

Co-eds 'Faiz ki Shayari', Rajkamal Prakashan and 'Faiz ki Shakshiyat', Also co-eds 'Naya Patr', a quarterly journal of literature and politics, New Delhi: Rajkamal Prakashan.

Singh, I.K. and Singh, A. 2012. Induced Plant defense in *Cicerarietinum L.* in Response to a Chewing Insect *Helicoverpaarmigera*. In: Proc. Intl. Conf. Chem. Ecol. pp. 54-5.

Pant, G.C. 2013. Published a paper titled 'भारतव्य व्यक्तित्व एवं कर्तृत्व' in Brihadtrayi Parishilanam-parichay khand, Chief Editor Prof. Radhavallabh Tripathi and editor Prof. Sukdev Bhoi, Sri L.B.S. Rastriya Sanskrit Vidyapeeth, New Delhi.

Books

Singhal, S. and Arora, V. Authored Text book of Chemistry published by University Press Publisher.

Research Articles/Papers

Mukherjee, P.K. 'Tantalizing Paradoxes of Logic' appeared in the December 2012 issue of the bi-lingual Newsletter Dream-2047 published by Vigyan Prasar, Govt. of India.

Barua, A. 2012. Understanding Schopenhauer through the prism of Indian Culture: Philosophy, Religion and Sanskrit Literature (Edited by Barua, A. with Kossler, M. and Gerhard, M. from Walter De Gruyter), Germany.

2012. Paper 'Schopenhauer in the light of Indian Philosophy' in the 100 yr. collection of Schopenhauer year book from Germany.

2012. Paper 'Schopenhauer and Sankara: A comparative study' in the Proceedings of the XXII World Congress of Philosophy, Vol. 8, pp. 23-9.

DYAL SINGH COLLEGE

Publications

Nain, A.K., Pal, R. and Sharma, R.K. 2012. 'Physicochemical study of solute-solute and solute-solvent interactions of l-histidine in water + sucrose solutions at different temperatures', *J. Mol. Liq.*, 165: 154-60.

Rajagopal, K., Chenthilnath, S. and Jain, A.K. 2012. 'Volumetric and viscometric studies in binary liquid mixtures of 2-methyl-2-propanol with some ketones at different temperatures', *J. Solution Chem.*, 41: 1401-11.

Nain, A.K. and Sharma, R. 2013. 'Densities and volumetric properties of binary mixtures of N,N-dimethylformamide/N,N-dimethylacetamide with some alkyl acrylates at temperatures from 288.15 to 318.15 K', *J. Chem. Thermodyn.* 58: 36-45.

Nain, A.K., Lather, M. and Sharma, R.K. 2013. 'Study of solute-solute and solute-solvent interactions of l-methionine in aqueous-sucrose solutions at different temperatures', *J. Chem. Thermodyn.*, 58: 101-09.

Ali, A., Ansari, S. and Nain, A.K. 2013. 'Densities, refractive indices and excess properties of binary mixtures of DMSO + poly (ethylene glycol) 200, 300 and 400 at temperatures from 303.15 K', *J. Mol. Liq.*, 178: 178-84.

Nain, A.K. 2013. 'Ultrasonic study of molecular interactions in binary mixtures of methyl acrylate with 1-alkanols (C₄-C₁₀) at temperatures from 288.15 to 318.15 K', *J. Chem. Thermodyn.*, 59, 49-64.

Journals

Bedi, P., Thukral, A. and Banati, H. 2013. 'Focused Crawling of Tagged Web Resources using Ontology', *Computers and Electrical Engineering*, 39, Elsevier, 613-28.

Bedi, P., Thukral, A., Banati, H., Behl, A. and Mendiratta, V. 2012. 'A multithreaded semantic focused crawler', *Journal of Computer Science and Technology*, Springer, 27(6): 1233-1242, IF: 0.564.

Sharma, R., Datta, S., Benati, H. and Bedi, P. 2012. 'Building Socially aware e-learning systems through Knowledge Management', *International Journal of Knowledge Management*, 8(3): 1-27.

Banati, H. and Bajaj, M. 2012. 'Promoting Products Online Using Firefly Algorithm', *Proc. IEEE International Conference on Intelligent System Design and Applications*, Kochi, India, 580-85.

Banati, H., Bedi, P. and Marwaha, P. 'WSDL-TC: Collaborative Customization of Web Services', *Proc. IEEE (ISDA)*, Kochi, India, pp. 692-97.

2012. 'Extending BPEL for WSDL-Temporal based Web Services', *Proc. IEEE 12th International Conference on (HIS)*, Pune, pp. 484-89.

2012. 'WSDL-Temporal: An Approach for Change Management in Web Services', Proc. IEEE International Conference on Uncertainty Reasoning and Knowledge Engineering, Jakarta, Indonesia, 44-49.

Marwaha, P., Banati, H. and Yadav, V.K. 2012. 'Web Service Based System For Frontline Demonstration of Technology in Maize', Proc. International Conference on Agro Informatics and Precision Farming, IIT Hyderabad, 320-22.

Mehta, S. and Banati, H. 2012. 'Trust aware social context filtering using Shuffled Frog Leaping Algorithm', Proc. IEEE 12th International Conference on (HIS), Pune, 342-47.

Sharma, R., Datta, S., Banati, H. and Bedi, P. 'An opinion based framework for designing socially-aware e-Learning systems', Proc. IEEE International Conference on (ISDA), Kochi, 431-36.

Thukral, A., Datta, S., Banati, H. and Bedi, P. 'Informal e-Learning using multi agent systems', Proc. IEEE International Conference on (ISDA), Kochi.

DYAL SINGH COLLEGE (EVENING)

Honours/Distinctions

Dr. Sumita Puri: Awarded Ph.D. degree by Jawahar Lal Nehru Univeristy.

Dr. Shivani Singh: Awarded Ph.D. degree by University of Delhi.

Seminars/Conferences attended

Abha Singh: Attended a Conference at Thailand and presented a paper titled 'Socio-Cultural approach of Native Language and its use in classroom'. She also attended an International Seminar and presented a paper titled 'Rethinking Shakespeare in Hindi and Bhojpuri Literature'.

Attended a Conference at BHU, Varanasi and presented paper on 'Remapping Shakespeare's adaptation in globalised culture'.

Ms. Brati Biswas: Attended a Seminar of National Level and presented a Paper 'Bangla Dalit Women's Poetry. 'Language Caste Location: Amitav Ghosh's The Hungry Tide' presented at National Seminar organized by Centre for English Studies, JNU.

Publications

Gupta, I. Published a book entitled 'Human Resource Management'.

Sharma, P. Book titled 'Chamba-Achamba' Women's Oral Culture, published by Sahitya Akademi.

Thapar, P.R. Published a book entitled 'Sanchar Takniq and Multimedia' which is included in the B.Com. course.

Gupta, P. Published a book on Financial Accounting.

DURGABAI DESHMUKH COLLEGE OF SPECIAL EDUCATION
(VISUAL IMPAIRMENT)

Publications

Books

Dubey, S.K. 2012. Low Vision: Functional Assessment and Classroom Practices, New Delhi: Global Book Organisation.

Research Articles in Books or Scholarly Journals

Sanyal, S. 2012. Drishtibadhit Tatha anya Viklang Balko ki Shiksha, in Drishtibadha Shikshan (Hindi), AICB, Delhi.

2012. Nyuon Drishti Balkon Ki Shiksh (Hindi), in Drishtibadha Shikshan (Hindi), AICB, Delhi, India.

Jha, N.K. 2012. 'Concept and Possibilities of Volunteering in Special Education', Preeminence: an International peer reviewed research Journal, ISSN 2249 7927, Vol. 2, No. 1.

GARGI COLLEGE

Honours/Distinctions

Dr. Manisha Priyam: Joined as Fellow in ICSSR for post-doctoral work.

Dr. Aneeta Rajendran: Awarded Erasmus Mundus Postdoctoral Fellowship, to spend in residence at the Centre of Gender Studies, Lund University, Sweden.

Dr. Sabeen H Rizvi: Awarded Fulbright-Nehru Post-Doctoral Research Fellowship for 2013-2014 to the University of North Carolina, Chapel Hill, NC, U.S.A.

Dr. Jasmeet Kaur Abat: Awarded DST SERC Fast track research project entitled 'Proteomic analysis of Brassicajuncea floral proteome: Identification of abiotic stress induced changes in the proteome'.

Dr. Alka Saikia: Awarded the Charles Wallace Fellowship by British Council for Archival Research in the United Kingdom.

Dr. Manisha Priyam, Dr. Monica Gupta, Dr. Kalpana Sharma, Dr. Itty Garg and Dr. Jyoti Gupta: Awarded Ph.D. degree.

Seminars/Conference attended

Dr. Renu Mundhra: Attended National Conference on Advances in Environmental Sciences and Plant Biotechnology.

Dr. Manju Khosla: Participated in National Seminar on 'Mergers and Acquisitions in Global Scenario' organised by Kamla Nehru College, 17-18 August 2012.

Narender Kumar: Participated in International Conference titled 'The Legacy of Srinivasa Ramanujan', organized by University of Delhi, 17-22 December 2012.

Dr. Promila Kumar: Attended an International Conference on (OPTIMA-2012), 29 November-1st December 2012 and chaired a technical session.

Ms. Sapna Malhotra: Participated in International Conference titled 'The Legacy of Srinivasa Ramanujan' organized by University of Delhi, 17-22 December 2012.

Publications

Kaur, A.J. Authored e-content on 'Bioinformatics' for Institute of Lifelong Learning, University of Delhi, South Campus.

Bhatia, S. 2012. 'Mental Health & Community Psychology in India' In: Community Psychology & the Socio-economics of Mental Distress: International Perspectives. Walker, Johnson and Cunningham (eds), Palgrave Macmillan, UK.

Books

Dev, A.N. 2012. Nations within and Without: A Study of Seven Post Independence Indian English.

Poets. Saarbrücken, Germany: LAP LAMBERT Academic Publishing, an imprint of AV Akademikerverlag GmbH & Co. KG.

Jain, M. Published book titled 'Rama and Ayodhya', Aryan International Books.

Khosla, M. A Bird's Eye View on Mahatma Gandhi Rural Employment Guarantee Act (MANREGA) Emerging Trends in Social Sciences; Vol. 1, Issue 1.

Corporate Social Responsibility – Issues and Challenges in India. Hermeneutics, Vol. 2, No. 2.

Kumari, S. 2012. Published an article on 'Health and Nutrition' in 'Deeksha' – The Complete Environmental Magazine, Vol. IX, Issue III: pp. 46-8.

Nizami, N. and Raina, J. 2012. Published a paper titled 'Perspectives in Learning and Cognition from History of Epistemology'. Indian Educational Review, Vol. 2.

Rizvi, S.H. 2012. 'Clinical psychology in India: A Meta Analytic Review (Co-author with Misra, R.K., MHCS, Inc., Ohio, USA)'. International Journal of Psychological Studies.

HANS RAJ COLLEGE

New Additions

Dr. Mahaswetta Saikia - Assistant Professor - Botany

Seminars/Conferences held

Dr. Vandana Kumari Singh and Dr. Ishwar Singh: 'National Conference on Relevance of Nanotechnology in Biology', 1 March 2013.

Seminars/Conferences attended

Dr. Archana Singh: Participated in an International Conference 'I-ISC-2012 on protein Folding and Diseases', organized by the Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, 8-10 December 2012.

Dr. Romila Rawat Bisht: Participated in UGC-sponsored workshop on evaluation methodology conducted by CPDHE, University of Delhi.

Dr. Anjali Saxena: Participated in International Conference on 'Interface between chemistry & environment', Ramjas College, University of Delhi, 13-14 December 2012.

Dr. Manisha Verma: Presented papers in 65th All India Conference organized by K.P.B. Hinduja College of Commerce, Mumbai University, 9-11 November 2012.

Dr. Harmeet Kaur and Mr. Manoj Agarwal: Attended International Conference on Big Data Analytics.

Dr. Meenakshi Malhotra: Presented paper on 'The Dark Goddess and the Nation: in an International Seminar, Prague, 6-8 May 2012.

The Political Uses of Religious Symbolism and in an International Conference on 'The Fractured Subject of Autobiographical Narratives' at Dokuz Eylul University, Izmir, Turkey, 10-11 May 2012.

Dr. Kaveri Chakrabarty: Participated in 'Global Hypoxia Summit & 4th International Conference on Chronic Hypoxia' organized by DIPAS, Delhi, 9-12 August 2012.

Publications

Rajpal, V.R. Published a paper entitled 'Sequence Analysis of kpn-1 repeat sequences to resist the phylogeny of the genus *Carthamus*' in an International Journal Applied Biochemistry and Biotechnology of Springer Verlag.

Koul, M. 2013. Research in Basic Sciences: Need for fresh outlook. Science Reporter. Koul Maonka.

2012. Urban Forests: Species selection and biodiversity conservation: 259-270: In Diversity and Conservation of Plants and Traditional Knowledge (eds) Panda, S., Ghosh, C., Singh, B., Singh, M.P., Koul, M. and Bhatnagar, A.K. Dehradun.

Koul, M. and Bhatnagar, A.K. 2012. Can we add more value to our Conferences/symposia? International Journal of Educational Planning and Administration, 2(2): 107-09.

Koul, M., Biswas, S. and Madan, A. 2012. 'Field Trips and Excursions: Role in-Science Education'. The Botanica, Vol. 59-61. pp. 112-17.

Singh, A. Published a research paper entitled 'Differential transcript accumulation in chickpea during early phases of compatible interaction with a necrotrophic fungus *Ascochyta rabiei*' in an International Journal Molecular Biology Reports, 39: 4635-46.

Gupta, C. 2012. Published a research paper entitled 'An efficient and one-pot synthesis of polysubstituted imidazoles catalyzed by BiCl₃' in Indian Journal of Chemistry, 51B, 1489-93.

Kaur, H. 2013. Research articles entitled 'An Agent based Reputation System for Unreliable Grid Environment' in International Journal of Modeling and Optimization, 3(1): 74-79.

'A Balanced Reputation based Service Provider Selection System for Farmers, Special Issue' on 'Applications of Artificial Intelligence in Agriculture', Journal of the Indian Society of Agricultural Statistics.

Articles in the proceedings: HIS2012 – 12th International Conference on Hybrid Intelligent Systems, Pune, 4-7 December 2012: 294-299. USA: IEEE Xplore; CSNT 2012 – The International Conference on Communication Systems and Network Technologies, Rajkot, 10-14 May 2012, India: 714-719. USA: IEEE Computer Society; C3 IT-2nd International Conference on Computer, Communication Control and Information Technology, Procedia Technology 4 (2012): 336-341, Elsevier.

Kapur, H. and Sethi, S. Published a book entitled 'Micro Economics – Part II'.

Mittal, A. Published a book for students appearing for 'Bachelor of Business Economics' entrance examinations.

Singh, V.K. Published a research paper entitled 'Intracellular pathogen Leishmania donovani activates hypoxia inducible factor-1 by dual mechanism for survival advantage within macrophages' in and International journal PLoS One.

HINDU COLLEGE

Honours/Distinctions

Dr. Devasia M., Antony: Awarded Ph.D. in Philosophy by the University of Delhi.

Dr. Krishna Mani Pathak: Academic Assignments: Working as an External Referee, Insight Research Funding Programme, Social Sciences and Humanities Research Council of Canada.

Seminars/Conferences attended

Dr. Sachin Vashistha: Attended an International Conference on 'The Legacy of Ramanujan', Delhi University.

Ms. Samridhi Mehta: Presented a paper entitled: 'Engaging Religious Pluralism: Reflections on the Gandhian Paradigm' in the International Conference Gandhirama 2012: A Feast of Ideas and A Festival of Art, JNU, New Delhi, 17-22 August 2012.

Presented a paper titled 'Engaging Religious Diversity: Exclusivism, and Pluralism' in the 7th National Conference of IASR on the topic 'Religion and Science in the Making of Humanity', University of Delhi, 3 December 2012.

Ms. Ananya Barua: Attended on International Conference on 'Problem of the self: Debates in Consciousness, Subjectivity and otherness' at JNU, 23-25 January 2013.

Attended on International Conference on Greek Philosophy on Inds – Hellenic relationship at I.P. College, 11 January 2013.

Dr. Ravi Nandan Singh: Presentation Ways of Asking Questions when your Informants Refuse to Talk: Methodological Concerns involved in studying the Morgue. Sociology Seminar Series, South Asian University, August 2012.

Dr. Sudhir Kapoor: Presented a paper on 'Financial Constraints of Small and Medium Enterprises in Africa' at the International Seminar on 'Contemporary Africa: Issues and Challenges, University of Delhi in collaboration with PRIASA, 22 November 2012.

Presented a paper on 'Maximum likelihood characterization of probability distributions' at the 6th ICQRITTM 2012) organized by SREQOM, University of Delhi, co-organized by Lulea University of Technology, Sweden, 26-28 November 2012.

Mr. Manoj Varshney: Presented a paper entitled 'Estimation of Probability of Deaths of AIDS Patients in the presence of Competing Risks in National Capital Territory, Delhi, India' in 30th Annual National Conference of Indian Society for Medical Statistics' at Dayanand Medical College and Hospital in Ludhiana, 6-8 October 2012.

Participated in an International Conferences 'The legacy of Srinivasa Ramanujan' and 6th International Conference on Quality, Reliability, IFOCOM, Technology and Industrial Management (ICQRITTM-2012) at University of Delhi, 26-28 November 2012.

Dr. Anita Rajpal: Presented research paper 'Refutation of invariable according to Charvak Darshan' at Kashmir University.

'Rape and Punishment according to Manu and Compare to Indian Penal Code' in Vishva Sammelan by Arya Samaj at Delhi.

'What is the meaning of Veda according to Swami Dayanand' at JNU.

Concept of Negation according to Bauddh Darshan described in other than Buddhistic Literature at Lal.

Dr. Balram Shukla: Presented a paper in a National Seminar the title is – Apohastdapohanam ca. held in Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapitha.

Dr. Geetika Bhalla: Participated in International Conference on 'Interface between Chemistry and Environment' organized by Ramjas College, 13-14 December 2012.

Dr. Adarsh Singh: Presented a poster in the International Conference, ISSMD-2, University of Jammu.

Ms. Tripti Deo: Presented paper titled 'Charan Women in 18th Century Rajasthan' as a part of the National Seminar on 'Revisiting 18th Century' at the Centre for History and Culture, Jamia Millia Islamia, New Delhi, 22 March 2012.

Dr. P.K. Sinha and Dr. Soma Ghorai: Attended the Academic Congress organized by the University of Delhi, 6-7 September 2012.

Dr. Soma Ghorai: Attended an International Conference on 'Comparative endocrinology and stress physiology' at Thiruvananthapuram, 17-19 February 2012.

Dr. Anju Srivasatva: Poster Presentation on 'Removal of Hazardous Dyes and Toxic Metals from Wastewater using Low-cost Green Adsorbent', at International Conference on Anthropogenic Impact on Environment & Conservation Strategy, Ranchi University, Ranchi, Jharkhand, 2-4 November 2012.

Poster Presentation on 'Green Adsorbents for Extraction of Toxic Dyes and Metals from Water/Wastewater', at International Conference on Anthropogenic Impact on Environment and Conservation Strategy, Ranchi University, 2-4 November 2012.

Poster Presentation on 'Development of Efficient Non-Conventional Adsorbent for Extraction of Toxic Dyes from Water/Wastewater' at International Conference on Interface between Chemistry and Environment, Ramjas College, 13-14 December 2012.

Reena Jain: Poster presentation on 'Removal of Hazardous Dyes and Toxic Metals from Wastewater using Low-cost Green Adsorbent' at International Conference on Anthropogenic Impact on Environment & Conservation Strategy, Ranchi University, 2-4 November 2012.

Poster presentations on 'Green Adsorbents for Extraction of Toxic Dyes and Metals from Water/Wastewater' and Development of Efficient Non-Conventional Adsorbent For Extraction Toxic Dyes from Water/Wastewater' at International Conference on 'Anthropogenic Impact on Environment and Conservation Strategy', Ranchi University, 2-4 November 2012.

Dr. Meenu S. Shrivastava: Participated in 'International Conference on Interface between Chemistry and Environment' organized by Ramjas College, 13-14 December 2012.

Dr. Sonalika Vaidya: Presented a poster titled 'Hollow silica shells as nanovessels for entrapment of organic dyes' in 15th CRSI National Symposium in Chemistry organized by BHU, Varanasi.

Publications

Pathak, K.M. 2012. 'Cultural Relativism, Conflicts and Commonalism' In Yadav, D.N. (ed.), Philosophical Perspectives on Multiculturalism and Pluralism, Allahabad: Shekhar Prakashan, pp. 105-24.

2012. Master Your Mind, Sunday Pioneer, p. 5.

Barua, A. 2012. Article on, 'Self and the other: A Historical – Perspective on Axomiya Muslims' was Edited by Prof. Hazarika, S. published by Centre for North East Studies and – Policy Research, Jamia Millia Islamia, New Delhi.

Nain, K. 'Relationships for Moments of kth Record Values from Doubly Truncated pth Order Exponential and Generalized Weibull Distributions', ProbStat Forum, 5, 142-149.

'Combinatorial Approach to M/M/1 Queues using Hyper Geometric Functions', International Mathematical Forum, 8, 10, 463-472.

'Recurrence Relations for Single and Product Moments of Generalized Order Statistics from Doubly Truncated pth Order Exponential Distribution', Journal of Kerala Statistical Association.

Aggarwal, P. Co-authored a paper entitled 'Bayes pre-test Estimation for the Change Point of the Changing One-Parameter Exponential Family', *Metron*, 70, 1, 41-57.

Prasad, R. Published two books which are 'Self Management in Gita' and 'Shuknasopadesh'.

Bajaj, R. 2012. Authored a book titled *Muktibodh in Our Time* with Anand Prakash. Delhi: Lokmitra.

2012. Published an article 'The Subaltern and the State: Shakespeare's Julius Caesar and Antony and Cleopatra' in *Subalterns in Shakespeare: A Postcolonial Review*. Kurukshetra: The Shakespeare Association.

2012. Published an article in Hindi 'Muktibodhh Ki Kavita ka Zaroori Sarokar' in *Yug Paribodh*.

2012. Contributed a translation (Hindi to English) of Premchand's short story 'Beast to Human' at the National Seminar Cum Workshop on 'Translating Premchand-V' organized by Dept. of English, Jamia Millia Islamia.

M. Abdullah Dar, Verma, V., Gairola, S.P., Siddiqui, W.A., Singh, K.R. and Kotnala, R.K. 'Low dielectric loss of Mg doped Ni-Cu-Zn nano-ferrites for power applications' *Original Research Article Applied Surface Science*, Vol. 258, Issue 14, 1 May 2012, pp. 5342-47.

Rawat, V.S., Luni, K.V., Phartyal, R. and Sehgal, N. Published paper 'Vitellogenin genes in fish: Differential expression on exposure to estradiol', *Fish physiology and biochemistry*, Vol. 39, Issue (pp. 39-46).

Dwivedi, V., Sangwan, N., Nigam, A., Garg, N., Niharika, N., Khurana, P., Khurana, J. and Lal, R. 2012. Draft Genome Sequence of *Thermus* sp. RL Isolated from Hot Water Spring Located atop the Himalayan Ranges at Manikaran, India. *J. Bacteriol.* 194: 3297-3568.

Sangwan, N., Lata, P., Dwivedi, V., Singh, A., Niharika, N., Kaur, J., Anand, S., Malhotra, J., Jindal, S., Nigam, A., Lal, D., Dua, A., Saxena, A., Garg, N., Verma, M., Kaur, J., Mukherjee, U., Gilbert, J.A., Dowd, S.E., Raman, R., Khurana, P., Khurana, J.P. and Lal, R. 2012. Comparative Metagenomic analysis of soil microbial communities across three Hexachlorocyclohexane gradients. *PLOS One*. (DOI: 10.1371/journal.pone.0046219).k

Bharti, S., Misro, M.M., Mathur, A. and Rai, U. 2011. 'Role of Estrogen in the Regulation of spermatogenesis in the Indian Wall lizard *Hemidactylus Flaviviridis*'. *Gen Comp Endocrinol.* 172(2): 225-33.

Ahmed, J., Ojha, K., Vaidya, S., Ganguli, J. and Ganguli, A.K. 2012. 'Formation of calcium oxalate nanoparticles in leaves: Significant role of water content and age of leaves', *Current Science*, 103, 293-298.

Paliwal, S. Co-authored a book titled 'Numerical Methods and Programming' for B.Sc. (Hons.) Mathematics, Semester – III.

Vashistha, S. 2013. 'Coupled Coincidence Point Theorems for Nonlinear Contractions under C-Distance in Cone Metric Spaces' in the *Journal Ann. Funct. Anal.* 4, No. 1, 138-148.

2013. 'Coupled Coincidence Point theorems for Nonlinear Contractions under (F,g)- invariant set in cone metric spaces in the *Journal J. Nonlinear Sc. Appl.* 6, 86-96.

INDRAPRASTHA COLLEGE FOR WOMEN

Seminars/Conferences held

International Seminar - Ethics of Climate Change: Its effect on Rural India Coordinator is Indraprastha College for Women Indo-Hellenic Friendship League on 31 October 2012.

National Seminar - Indian Democracy and Perspectives on Dissent coordinator is IP College sponsored by UGC on 3 April 2012.

International Seminar Revisiting Shakespeare in of India Indian Literature and Culture & Shakespeare Society Coordinator is Indraprastha College for Women & Shakespeare Society of India Sponsored by Sultan Chand & Sons IBS & IP College, 7-9 March 2013.

Seminar on Positive Psychology – ‘Perspective on Hope, Well-being & Resilience’ Coordinator is IP College Sponsored by Petronet LNG Ltd. on 1-2 February 2013.

National Seminar on Social Media, Social Movements Coordinator is Sponsored by IndiaCan & IP College on 28-29 January 2013.

International Seminar --- Greek Philosophy Some Parallels East/West Coordinator is IP College Sponsored by Indo-Hellenic Friendship League on 11 January 2013.

Seminars/Conferences attended

Dr. Chitra Joshi: ‘The City and the Village: Some Reflections’ at the International Summer School on ‘City and the Village: Separations, Linkages and Conflicts over Social Space in Modern India’, organised by the Centre for Modern Indian Studies, University of Goettingen, Germany, 16-21 July 2012.

‘Spaces of Regulation, Sites of Negotiation: Palanquin Bearers, Dak Runners and the Rules of the Road’, International Workshop on The Boundaries of ‘Free labour in the XIX and XXth Century Perspective’ organised by Humboldt University and IGK Work and Human Lifecycle in Global History, Berlin, 21-22 June 2012.

‘Dauriya Tracks: The Making of Mail Networks in Colonial India’ at the Modern Indian History and Society Seminar, Centre for Modern Indian Studies, Goettingen, Germany, 25 May 2012.

Dr. Jyoti Trehan Sharma: Presented paper ‘The Trauma of Terrorism: Struggle of the Kashmiri Women from being Victims to Survivors’ at the 9th Triennial Conference of University Women, Bangkok, Thailand, 16-18 November 2012.

Dr. Babli Moitra Saraf: Teaching Mass Media and Mass Communication to Undergraduates: Presentation on Orientation in Curriculum at International Conference on Contours of Media Governance: Teaching, Disciplinarity, Methodology organized by Centre for Culture, Media & Governance, Jamia Millia Islamia, New Delhi, 25-27 February 2013.

State of Media in South Asia: Flagging Questions, Mooting Answers. Discussant: Department of Sociology, South Asian University, New Delhi, 20 February 2013.

'Cultural Challenges and the Indian Diaspora'. International Conference on 'Human Rights Concerns of Indian Diaspora'. HRDI and GOPIO, New Delhi, 10 January 2013.

Passive Violence and the Institutional Context. National capacity building workshop to prevent Violence against Women, conducted by the YWCA, the Association of Indian Universities and BPS Women's University at BPS University, Sonapat, Haryana, 6-8 November 2012.

Dr. Mita Bose: Delegate at the '10th Asia Teaching of English as a Foreign Language International Conference at the Leela Kempinski Hotel, Gurgaon, 4-6 October 2012.

Mrs. Bindu Oberoi: Presented a paper 'Changing Structure of Employment in the Indian Textile Industry' at the 54th Annual Conference of the Indian Society of Labour Economics, organised by BHU, Varanasi, 20-22 December 2012.

Presented a paper 'Casualisation of Employment in the Indian Textile Industry' at the National Seminar on 'Shifting Gears: Jumpstarting a Slowing Indian Economy', sponsored by UGC, organised by DCAC, 14-15 January 2013.

Dr. Manasvini M. Yogi: Presentation paper - 'Ethics of Advertisement Content Aimed at Children', at a National Seminar on 'Issues of Content and Technology in Contemporary Media', Teerthankar Mahaveer University, Moradabad, 29 June 2012.

'Advertising Language as Persuasion,' at the International Asian Congress of Mass Communication, Chulalongkorn University, Bangkok, Thailand, 25-27 October 2012.

'We are what we buy': Consumption and Morality,' at an International Interdisciplinary Conference on 'Knowledge, Reality and Value: East and West', organized by the Society for Indian Philosophy and Religion, Kolkata, 3-5 January 2013.

Publications

Books

Saraf, B.M. 2012. Article 'Translation-Transdiscipline?' Translation, Issue 1, Summer 2012.

Singhal, A., Bedi, P. and Gandotra, V. 2013. Innovative Strategies for Secure Software Development, Chapter 13, in Designing, Engineering, and Analyzing Reliable and Efficient Software: 217-237. IGI-Global.

Joshi, C. 2012. 'Dak Roads, Runners and the Re-Ordering of Communication Networks', in Marcel van der Linden and Leo Lucassen (eds) Working on Labor: Essays in Honor of Jan Lucassen (Brill, Leiden, 2012) also published in International Review of Social History, 57.

2013. 'Public Works and the Question of Unfree Labour' in Alessandro Stanziani (ed.) Labour, Coercion, and Economic Growth in Eurasia, 17th-20th Centuries (Brill, Leiden 2013).

Research Articles

Singhal, A., Gandotra, V. and Bedi, P. 2013. Mitigating Multi-Threats Optimally in Proactive Threat Management, ACM SIGSOFT Software Engineering Notes, USA: ACM Digital Library, 38(1): 1-7.

Singhal, A., Agarwal, S. and Bedi, P. 2012. 'IPTC based Ontological Representation of Educational News RSS Feeds' in ITC 2012, LNEE, © Springer-Verlag Berlin Heidelberg, pp. 277-82.

2012. 'Classification of RSS Feed News Items Using Ontology' 978-1-4673-5118-8 c2012 IEEE Presented in ISDA 2012, Kochi.

Singhal, A., Bedi, P., Gandotra, V., Narang, H. and Sharma, S. 2012. Threat-Oriented Security Framework in Risk Management using Multi-Agent System, Software: Practice and Experience, Wiley (Impact factor.0.573).

Singhal, A., Gandotra, V. and Bedi, P. 2012. Threat-Oriented Security Framework: A Proactive Approach in Risk Management, In proceedings C3IT - 2nd International Conference on Computer, Communication, Control and Information Technology, Procedia Technology, 4: 487-494, Elsevier.

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES

Honours/Distinctions

Dr. Sandeep Tiwari: Participated as Resource Person in the TURF-2012 4th Global Summit and India Sports Awards organized by Federation of Indian Chambers of Commerce and Industry, 18-19 October 2012.

Nominated as General Secretary 'All India Council of Physical Education'.

Nominated as Resource Person in National Conference organized by Aligarh Muslim University, Aligarh, UP.

New Courses Introduced

Certificate Course in Yoga Education, Certificate Course in Gym Management, Certificate Course in holistic Personality Development, Certificate Course in Fitness Trainer, Certificate Course in Exercise Prescription and Certificate Course in Health & Nutrition.

Appointments of faculty members to higher Posts/Assignments

Dr. Sandeep Tiwari: Appointed as Chief Editor for publication of 'Indian Journal of Physical Education and Sports Sciences', Department of Physical Education & Sports Sciences.

Dr. Sandhya Tiwari: Appointed as a Co-Chairperson, Scientific Committee for the National Conference on Role of Physical Activities and Sports in Balancing Education organized by Department of Physical Education & Sports Sciences, 15-16 February 2013.

Appointed as Convener, Scientific Committee for the National Conference on Role of Physical Activities and Sports in Balancing Education organized by the Department of Physical Education & Sports Sciences, 15-16 February 2013.

Dr. Rakesh Gupta: Appointed as Chief Editor for publication of Journal for Empowering India published by the Department of Physical Education & Sports Sciences.

Appointed as Observer for the All India Inter-varsity Cross Country Championships, appointed by Association of Indian Universities (AIU), RTM Nagpur University, Nagpur (MS), October 2012.

Dr. Lalit Sharma: Appointed as Academic Secretary, Sports Psychology Association of India.

Appointed as Resource Person for HRD programme organized by the DPS Society.

Seminars/Conferences held

National Conference on 'Role of Physical Activities & Sports in Balancing Education' organized by the Institute in collaboration with the Department of Physical Education & Sports Sciences on 15-16 February 2013.

Seminars/Conferences attended

Dr. D.K. Kansal: Invited as Guest to Edvantage by the Economic Times Conference on 'India: The educational Superpower', Hotel Hyatt, New Delhi, 28 May 2012.

Dr. J.P. Sharma: Presented paper entitled 'Study of Relationship between Anthropometrical Variables & Athletic Performance' in International Conference on Global Innovations Strategies & Policies in Physical Education & Sports Sciences organized by Department of Physical Education, Gurukul Kangri Vishwavidyalaya, Haridwar, Uttarakhand.

Dr. Rakesh Gupta: Presented paper entitled, 'Olympic Movement and Professional Preparation in India' in International Conference on London-2012 & Sports Economics, organized by Delhi University Sports Council in 2012.

Dr. Pardeep Kumar: Chaired and Presented a paper in a National Seminar on 'Innovations in Physical Education and Sports Need of the Day', organized by the Department of Physical Health & Sports Education, Aligarh Muslim University, Aligarh, 28-29 January 2013.

Publications

Books

Kansal, D.K. 2012. 'A Practical Approach to Measurement & Evaluation in Physical Education and Sports'. New Delhi: Sports & Spiritual Science Publications.

2013. 'Wholistic Personality Development'. New Delhi: Sports & Spiritual Science Publications.

Gupta, R. 2013. 'Health and Physical Education' for Class XI. New Delhi: Pinnacle India.

2013. 'Health and Physical Education' for Class XII. New Delhi: Pinnacle India.

Research Paper Publications

Tiwari, S. Published a paper in Indian Journal of Physical Education and Sports Sciences entitled as Relationship of Body Mass Index with Waist-Hip Ratio, Neck Circumference and Blood Pressure in School Children Age 10-12 Years.

INSTITUTE OF HUMAN BEHAVIOUR & ALLIED SCIENCES

Major Activities

IHBAS has been selected as one of the Centres of Excellence in the field of Mental Health by the Ministry of Health and Family Welfare (MoH &FW), Government of India under the National Mental Health Programme (NMHP) for manpower development in Mental Health.

INSTITUTE OF HOME OF ECONOMICS

Honours/Distinctions

Dr. Renu Arora: Resource person for an INSET (In-service Training) program organized by SCERT for TGT Home Science in December 2012.

Dr. Seema Puri: Invited Faculty at the 2nd International Advanced Training Seminar on Nutritional Epidemiology, CGDC and PHFI, New Delhi, 6-10 November 2012.

Dr. Geeta Chopra: Nominated as an expert for finalizing strategy for expanding Early Intervention Programme, by National trust for Persons with disabilities, in August 2012.

Seminars/Conference attended

Dr. Parveen Pannu and Ms. Manpreet Kaur: Presented a paper entitled 'Analysis of Female Foeticide Related News Coverage in Indian Daily Newspapers' at 21st AMIC Annual Conference, Malaysia, 11-14 July 2012.

Dr. Seema Puri: Presented a paper entitled 'Seniors in Rural and Urban Areas from A Home Economics Perspective – India', IFHE 2012 World Congress: Global Wellbeing, Melbourne, Australia, 16-21 July 2012.

Dr. Manjula Suri: Presented a paper entitled 'Modulating effect of oral sucrose on beta-endorphin and pain perception' at Australia Neuroscience Conference, at Melbourne, Australia, 3-6 February 2013.

Diya Bati and Dr. Seema Puri: Presented a paper on 'Cardiovascular Disease Risk Factors in Apparently Healthy Adults: An Age Based Assessment'. IFHE 2012 World Congress: Global Wellbeing, Melbourne, Australia, 16-21 July 2012.

Dr. Renu Arora and Mrs. Meghna: Presented a paper entitled 'Anthropometric considerations for designing classroom furniture in public schools', at an International Conference on 'HWWE Ergo 2012: Safety for All' at college of Home Science, G.B. Pant University of Agriculture & Technology, Pantnagar, 6-8 December 2012.

Dr. Savita Aggarwal, Dr. Geeta Punhani and Ms. Jagriti Kher: Presented a paper on 'Climate Vulnerability Index for water at the household level in slums of Delhi' and 'Role of ICTs for enhancing adaptive capacity of women to climate change' at the IDC Conference 'Impact of Climate change on Habitat and Health' in New Delhi, 13-14 September 2012.

Dr. Ashima Vohra: Presented a paper entitled 'Isolation of yeasts from fermented foods and their role as probiotics', at International Symposium on 'Probiotics for Human Health', India Habitat Center, 27-28 August 2012.

Presented a paper entitled 'Indian fermented foods: A source of diverse probiotic yeasts' in International Conference on 'Microbial World: Recent Innovations and Future Trends' at KIIT University, Bhubaneswar, Odisha, 22-25 November 2012.

Ms. Nidhi Gulati: Presented a paper entitled 'Methods to explore and engage with Teacher Education: Narratives, Life Histories and Interviews' presented at IJAS Conference, Harvard University, Boston, 25-31 May 2012.

Presented a paper entitled 'Gender Construction in Young Childhood', in Emerging Issues and Challenges in Education: Global and Indian Perspective: International Conference, AIER, Nayab Abbasi College: Amroha, Uttar Pradesh, 9-11 June 2012.

Presented a paper, 'The construction of childhood through the lens of history' at CESI Conference, University of Jammu, October 2012.

Ms. Mamta Singhal: Presented a paper entitled 'Dealing with Children's misconceptions: Assessing the effectiveness of a constructivist approach' in an International Conference at Nayab Abbasi Girls College, Amroha, UP., 9-11 June 2012.

Presented a paper entitled 'Exploring students and teachers perception of NOS in undergraduate science courses', at CESI-2012 at Jammu University, 9-12 October 2012.

Ms. Yuki Azaad and Ms. Neeti Vaid: Presented a paper entitled 'Transformational Leadership for Gender Equality' at 2nd National Conference, 'Excellence in Higher Education' (Theme: Transformational Leadership), organized by IIT Delhi under IFEHE, 28-30 June 2012.

Presented a paper entitled 'Importance and Role of Translation in Communicating Messages on HIV/AIDS' in 3rd International Conference on Translation, Technology and Globalization in Multilingual Context, New Delhi, 26 June 2012.

Ms. Yuki Azaad Tomar and Dr. Kiron Bansal: Presented a paper entitled 'A Study of Digital Media Messages on HIV & AIDS Awareness for Women' during 21st AMIC Annual Conference at Shah Alam, Malaysia, 11-14 July 2012.

Ms. Sharmila: Presented a paper entitled 'Including to Exclude: Re-evaluating the Process of Inclusive Education' at the International Annual Conference of Comparative Education Society of India, University of Jammu, 10-12 October 2012.

Ms. Ruchira Guglani: Presented a paper entitled 'Kaleidoscope of Hope: Challenges of Street and Working Children: Moving towards financially secured future' at the Annual International Conference of Comparative Education Society of India, an Affiliate of the World Congress of Comparative Education Societies, University of Jammu, 10-12 October 2012.

Ms. Ruchira Das: Presented a paper entitled 'Re-Imagining the Local In A Mega City: Impact of Education among Migrant Santals of Kolkata' in the Annual International Conference of Comparative Education Society of India on Education for a Changing World, University of Jammu, 10-12 October 2012.

Presented a paper entitled 'Education and Urbanism: The Impact of Formal Learning on the Migrant Santals in a Metropolis' at the National Seminar on Tribal Issues and Strategies for Empowerment, University of Pune, 22-23 November 2012.

Dr. Vandana Sabharwal: 'Exploring Reasons for not Practising Exclusive Breastfeeding using Participatory Rural Appraisal Approach'. World Breastfeeding Conference 2012, Breastfeeding Promotion Network of India, New Delhi, 6-9 December 2012.

Dr. Renu Arora and Mrs. Meghna: Presented a paper on 'Information, Knowledge, Education and Awareness for Sustainable Construction and Wet Processing of Textiles: Health and Environment' in the 2nd National Conference on 'Impact of Climate change on Habitat and Health' organized by IDC Foundation at India International Centre, 13-14 September 2012.

Mrs. Pratima Singh: Presented a paper titled 'Buildings and Climate Change' in 2nd National Conference on Impact of Climate Change on Habitat and Health organized by IDC Foundation at India International Center, New Delhi, 13-14 September 2012.

Dr. Parveen Pannu: Presented a paper, 'Transformational Leadership for Gender Equality' at 2nd National Conference, 'Excellence in Higher Education' Theme: Transformational Leadership, organized by IIT Delhi under 'International Forum For Excellence in Higher Education' (IFEHE), 28-30 June 2012.

Ms. Bhavna Negi: Presented a paper on the role of schools in promoting inclusion in Mindshare International Conference on Child Rights, Lucknow, September 2012.

Ms. Mamta Singhal and Nidhi Gulati: Presented a paper titled 'Dilemma of pedagogy in teacher education' at a National Seminar organized at AIE, GGGIP University.

Ms. Vanita Chopra: Presented a paper in National Seminar on Research and Innovation in Teacher Education: Pragmatic approach in today's scenario at Amity College of Education, 9 November 2012.

Dr. Jyoti Chhabra: Attended National Level Conference 'Fashion Retailing Scenario: Post FDI', 11th Sanjam Randhawa memorial, 18 October 2012.

Dr. Renu Gulati: Attended International Conference on 'Early Childhood Education' conducted by CCED Ambedkar University with World Bank.

Dr. Geeta Chopra: Participated in South Asia Regional Conference on 'ECCE: 2015 and Beyond' organized by World Bank and CECED, in August 2012.

Dr. R. Minakshi: Presented a paper entitled 'Type II Diabetes and Protein folding: a review on some lesser known aspects of the disease' in International Interdisciplinary Sciences Conference on protein folding diseases, Jamia Millia Islamia, New Delhi, December 2012.

Publications

Books

Passi, S.J. and Sabharwal, V. 2012. 'Breastfeeding – The Best Start in Infant's Life' published on the website of International News and Views Corporation.

- Arora, R. and Meghna, 2012. 'Activity based Teacher's Manual' for senior secondary classes.
- Aggarwal, S., Punhani, G. and Kher, J. 2012. Chapter entitled 'Climate change and water poverty: Increasing vulnerability of women' in a book titled 'Case Studies in Management' published by Himalaya Publishing House. ISBN Number: 978-93-5051-520-4.
- Gupta, S. 2012. Authored chapters for Bachelors of Vocational Education and Training Programme to be launched by the School of Vocational Education and Training, IGNOU.
- Chopra, G. 2012. Mother and Child Care: Promoting Health, Preventing Disabilities (ISBN 978-93-5087-446-2).
- Early Detection of Childhood Disabilities and Persons with Disability in the Community (ISBN 978-93-5087-445-5).
- Stimulating Development in Young Children with Disabilities at Anganwadi and at Home: A Practical Guide (ISBN 978-93-5087-449-3).
- Bache aur maa ki dekh bhal: Swasthya ko protsahan, viklangta nivaran (ISBN 978-93-5087-448-6).
- Viklangtao ki shighra pehchan avam samudaya me viklangata yukt vyakti (ISBN 978-93-5087-450-9).
- Anganwadi avam ghar me viklangata yukt bacho ke vikas ko protsahan: Ek vyaviharik sandarshika (ISBN 978-93-5087-447-9).
- Vohra, A. 2012. Authored a chapter on 'Laboratory and Industrial Bioreactors for Submerged Fermentations' in the book entitled 'Fermentation Processes Engineering in the Food Industry' (eds) Pandey, A. et al.
- Gulati, N. 2012. Contributed two papers titled 'Growing up: understanding how we develop', and 'how we think' for B.A. Program in Education, Semester curriculum 2011-2012. She has also authored units (3) on Inclusion, Gender and Cognition for IGNOU's courses: DIET.
- Azaad, Y. and Vaid, N. 2012. Authored a chapter on 'Translating Media Programs for Social Change' in the book entitled 'Role of Translation in Nation Building' published by Indian Translators Association and Modlingua Group Publishers.
- Sabharwal, V. 2012. Co-authored nutrition module for online course entitled 'Post Graduate Diploma in Management of Reproductive and Child Health Programmes' developed by Indian Institute of Public Health New Delhi to be launched in January 2013.
- Mishra, S. 2012. Reviewed two issues of journal 'Language and Language Teaching' are to be published in the forthcoming issue of journal 'Indian Linguistics' in 2013.
2012. Reported on Material Development workshop organised by Sansarg Educational Trust, is to be published in the 3rd issue of LLT (Language and Language-Teaching) in 2013.

Research Articles

- Mahna, R. and Geeta, K. 2012. 'Severity of menstrual problems in early and late reproductive years', Indian Journal of Research. Vol. 1: 76-79.

Mahna, R. and Sharma, M. 2012. 'Obesity, Metabolic Syndrome and Physical Activity in Indian Adults', *Journal of Metabolic Syndrome*. 1: 114.

2012. 'Metabolic syndrome in urban Indian Adults', *International Journal of Food and Nutritional Sciences*. Vol. 1.

Pannu, P. 2012. 'Communication and Interdisciplinary Development: Contemporary Relevance'.

Aggarwal, S., Punhani, G. and Kher, J. 2012. 'Does women's education translate into economic participation? Mapping the gender gap index at sub-national level for India'. *Indian Journal of Adult Education*. Vol. 73, No. 2: ISSN 0019-5006.

2012. 'Integrating water and Gender issues under climate change'. India's Second National Communication to the UNFCCC, Ministry of Environment and Forests, Govt. of India, (NATCOM): 146-151.

Aggarwal, S. 2012. 'Climate change and household water insecurity in India: a case study of gender inequalities'. *Climate change and agriculture food security*.

Puri, S. 2012. 'Dietary Tips for Elderly'. *Indian Journal of Geriatric Care*. Vol. 1, No. 1.

2012. 'Assessment of quality of life of HIV positive people receiving ART: An Indian perspective'. *Ind J. Comm Med*. 37: 165-169.

Kher, J., Aggarwal, S. and Punhani, G. 2012. 'Climate change and water poverty: The Indian Scenario'. *Indian Research Journal of Extension Education (IRJEE) Special Issue*, Vol. II: ISSN 0972-2181.

Gulati, N. 2012. 'Gender Construction in Young Childhood'. *Emerging Issues and Challenges in Education: Global and Indian Perspectives*: ISBN number: 978-81-7487-810-6.

Chopra, V. 2012. 'Social Constructivism based classroom experience of teachers (pre-service and in-service)', *International Journal of Education and Applied Social Science*, Vol. 3, No. 1.

2012. 'Reflection on Attitude of Prospective teachers towards Inclusive Education', *International peer reviewed e- journal*, Vol. 1, issue 1.

2012. 'Relevance of Peace education in Teacher Education Program', *Edutracks*, Vol. 12, No. 1.

JANKI DEVI MEMORIAL COLLEGE

New Course Introduced

Diploma Course in Spanish Language

Honours/Distinctions

Dr. Indu Anand: Received a Life Time Achievement Award in the areas of education, planning and administration, on the auspicious occasion of the 33rd World Management Congress 2012.

Dr. Anuradha Anand: Received the Best PIO Award of the Year 2012 at India International Center, New Delhi sponsored by Indira Gandhi Technological and Medical Sciences University, A.P. and the Global Open University.

Seminars/Conferences attended

Dr. Usha Krishna: Presented a paper titled 'Integrating technology and business: A win-win for Education' at the International Conference 'Transilience 2012, Technology Enabled Organizational Transformation' organized by Shri Shankracharya Institute of Technology and Management, Durg, Jharkhand.

Dr. Jitender Gill: Presented a paper on 'Experiments in Indian Higher Education' at Rollins College, Florida, 26 February 2013.

Dr. Chanchal Chopra: Appointed Editor-in-Chief of the Conference Proceedings of the International Conference on Micro and Macro Economics Research, Singapore, 2012.

Namita Sethi: Presented a paper on Swift's Ireland, at an International Seminar called Treasure Ireland, organized by The Irish embassy and University of Delhi, November 2012.

Dr. Payal Nagpal: Presented a paper titled 'Controlling Fathers in a Mercantile World: A Task for Portia and Desdemona' at the International Shakespeare Conference organized by The Shakespeare Association at Kota in October 2012.

Presented a paper titled 'Kamla Das's My Story: An engagement with feminist history and pedagogy' at the National Conference on Indian Women's Autobiographies at S.M.M. Palwal, 7-8 March 2013.

Dr. Anuradha Anand: Presented a paper on, 'FDI Policy in India: Perspective & Challenges' at National Seminar organized by SBS College at VB Pant Auditorium, Patel Chest, Delhi, 5 November 2012.

Dr. Usha Krishna: Panelist for a session titled 'Value Creation through Ethics' at 2nd National Conference on 'Value Creation and Sustainability in a Competitive Era' at Budha Group of Institutions, Karnal.

Dr. Swati Pal: Presented a paper on the 'Symbols of propaganda and theatricality of public events' at a National Seminar on Performance and Politics at Maitreyi College, 18 October 2012.

Neelu Verma: Presented her paper in UGC-National Seminar on 'Merger and Acquisitions in Global Scenario' organized by Kamla Nehru College, 17-18 August 2012.

Vrinda Kapur: Presented a paper titled 'Women and Corporate Social Responsibility in Banking Sector' at National Seminar on Corporate Social Responsibility: A Gender Perspective organised by Lady Shri Ram College of Commerce, 26 October 2012.

Publications

Anand, A. 2012. 'Inconsistencies Between Vedic Ideas and Basic Economic Models and Principles' in Vedic Heritage for Global Harmony and Peace in Modern Context, November.

Anuragi, Rajni bala: मगहर (प्रतिरोध, परिवर्तन और प्रगति का त्रैमासिक) अप्रैल-जून 2012 अंक में 'समकालीन : दलित स्त्री कविता' हयाती (गुजराती भाशा की पत्रिका)।

देशज समकालीन नए विचार : नयी रचनाएँ, अप्रैल-मई-जून 2012 श्रमिक दुनिया, अप्रैल-जून 2012 में कविता प्रकाशित।

वंचित जनता, नवम्बर 2012 (संगरूर, पंजाब से प्रकाशित)।

आंदोलित, राष्ट्रीय दलित महिला आंदोलन का मुखपत्र, अगस्त 2012

Arora, R. 2012. 'Error Locating codes dealing with repeated burst errors' in Italian Journal of Pure and Applied Mathematics, No. 29.

Nagpal, P. 2012. 'The Struggling Strands of History: Subaltern characters in Shakespeare's Macbeth and Henry IV Part-I and II'. In Subalterns in Shakespeare: A Postcolonial Review. New Delhi: TSA.

2012. 'Of Women and Shakespeare' in Power Politics. September.

Shahi, D. 2013. 'The Democratisation of the South Asian Association for Regional Cooperation' in Giovanni, F. et al. (eds) The Democratization of International Organizations: First International Democracy Report, Routledge.

2013. 'India in the Emerging World Order: A Status-Quo Power or a Revisionist Force?' in Nick, B. and Nicola, B. (eds). The Economic Rise of the South: A Critical Reader, Transnational Institute (TNI), Amsterdam.

2013. 'The Indian Scholarship on International Relations and Multilateralism', Economic and Political Weekly.

Singh, G.H. 2012. 'The seeker and his search' in Indian Horizons, Vol. 59.

JESUS AND MARY COLLEGE

Seminars/Conferences attended

Dr. Rekha Dayal: Presentation paper in ICIP, South Africa, July 2012.

Dr. Anju Luthra: International Olympic Council, Dublin for Cultural Education Conference.

Publications

Books

Singh, P. 2012. Dynamics of Indian Financial System Global Professional Publishing, United Kingdom.

Rastogi, S. 2013. Management of Human Resources, (1st edition), New Delhi: Classical Publishing Co.

Research Papers Published

Singh, P. 2012. 'Private Equity - Is there Need for Regulatory Framework?' International Journal of Applied Financial Management Perspectives, Vol. 1, No. 1, ISSN: 2279-0896.

2012. 'Conversions of Accounting to IFRS in India: An Empirical Study', Gyan Management, Vol. 6, Issue 2, ISSN: 0974-7621.

KAMALA NEHRU COLLEGE

Honours/Distinctions

Dr. Rita Malhotra: Honored by the Ministry of Foreign Affairs, Romania on the occasion of The Romanian National Day for outstanding merit in promoting Romanian and universal values in International relations in December 2012. She was awarded The World Poetry Almanac Award for her special contribution to world poetry in August 2012 by WPA, Ulaanbaatar, Mongolia.

Dr. Sarita Sharma: Awarded Raman Post-Doctoral Fellowship 2013 (Indian Scholar) to visit USA for one year under Singh Obama 21st century knowledge initiative.

Seminars/Conferences attended

Dr. Sushma Choudhary: Presented a paper 'Shiv Sankalp Sukt Me Manovigyan' in the International Conference on Science of Consciousness, Psychotherapy and Yoga Praxis: Ancient and Modern perspective, at JNU, 24-26 September 2012.

Presented a paper on the topic 'Yagya aur Paryavaran' in an International Seminar held by Wave Wider Association on 24-26 December 2012.

Attended an International Seminar on 'The Cross Cultural Migration of Panchatantra and its relevance in contemporary world', organized by University of Delhi, 15-16 October 2012.

Dr. Maitreyee Kumari: Presented a paper titled 'Adhunik Sanskrit Gadya Sahitya ki vidhaen aur navonmesh' in National Research seminar organized by Punjabi University, Patiala, 21-22 March 2013.

Presented paper 'Abhinavbharti aur Abhinavgupta' at National Seminar organized by Abhinavgupta Sansthan and Lucknow University, Lucknow, 23-24 December 2012.

Presented paper 'Dashavtarcharite Kurmavtarah at 46th All India Oriental Conference, Srinagar, 1st-3rd 2012 and 'Maithili aur Sanskrit' at International Sanskrit Research Conference, Haridwar, 9-11 September 2012.

Dr. Sangeeta Verma: Presented a paper 'Suchna Yug Main Hindi Shikshan Evam Parikshan: Samsyain Evam Pariprakshay' in National Seminar organized by N.T.S. India, Bhartiya Bhasha Sansthan and Kendriya Hindi Sansthan, 15-16 March 2013.

Presented a paper on 'Gramya Sumitra Nandan Pant: Prakriti Aur Samvedna' in National Conference organized by PGDAV College (Eve.) on 22-23 March 2013.

Ms. Sanam Khanna: Presented a paper 'Lessons from CATE-Learning from Testing' at the 10th Asia TEFL International Conference, based on the theme: 'Expanding Horizons of Language and Communication: ELT Issues, Challenges and Implications' 4-6 October 2012.

Ms. Namita Paul: Presented a paper titled 'Stereotypes of Lesbians in Popular Culture in India' at the National Seminar titled 'Gay Subcultures and Literatures' at the IIAS, Shimla, 3-4 April 2012.

Mr. Ramesh: Presented paper titled Identity and Identifications: Inquiring the Construction of Kannada Identity presented at an International Conference.

Ms. Vaishali Narula: Presented a paper on 'Affordability and Access to Higher Education in India' in the International Conference on 'Public Policy and Governance' in 2012.

Dr. Geetesh Nirban: Served as the resource person to speak on 'Role of Religion and Morality in Addressing the Problem-Some Good Practices', National Conference on 'Violence against Women-Whose Concern?' organized by AIWC at India International Centre Annexe on 7 August 2012.

Dr. Saryu Ruhela: Presented paper titled 'The Effect of Weight Cycling on the Performance of University Level Male Taekwondo Players: An Analytical Study' in the 4th International Conference on sports and exercise at Bangkok, 26-29 March 2013.

Presented a paper titled, 'Chanting: A therapeutic treatment for sports competitive anxiety' in the International Conference in Physical Education at Patiala, 24-26 January 2013.

Publications

Singh, D. 2012. 'Hashiye ke Samaj ke Bhitre Hashiye ka Kalakar: Sutradhar', in Yadav, B.S. edited book, Ekkashwi Sadi ki Dahleej Par Aupnyasik Dastak, Delhi: Omega Publication.

2012. 'Suchna Praudyogiki Ke Yug Mein Adhunik Lok Ki Pehchan - Bhojpuri Lokgeeton Ke Sandharbh Mein' appears in Yadav, B.S. (ed.), Lok Sahitya Avam Lok Sanskriti Pararampara Ki Prasangikta Avam Samajik Pariprekshya, Delhi: Omega Publication.

Khanna, S. 2012. Publications include: 'Naturalism in Modern European Drama' in Modern European Drama: Ibsen To Beckett. (ed.) Pal, S. Pencraft International, New Delhi, ISBN 8190941690 and 'Sport, Surveillance and Speed in The Hunger Games Trilogy' in Sport, Literature and Culture. (eds) Chaudhuri, S. and Trivedi, P. Orient Blackswan, 2013.

Paul, N. Book review of 'December Poems' published in the Sahitya Akademi Journal, Indian Literature.

Basu, D.2012. Published a paper 'Philip Marlowe: The (In) Different Threshold' in The Real and The Reflected: Heroes and Villains in Existent and Imagined Worlds. (eds) Franks, R. and Meindl, S., Oxford: U.K: Interdisciplinary Press, ISBN 978-1-84888-106-8.

Kapoor, S. 2012. Published an article titled 'The Consumer Trap' in the magazine One India One People.

Narula, V. Published an article titled 'Accountability in the Governance of Universities' in the Journal of World Universities Forum, Vol. 4(4), pp. 71-8.

Malhotra, R. 2012. Book 'I Remain the Ignited Woman' was published by The World Poetry Almanac, Ulaanbaatar, Mongolia.

She is one of the 35 contemporary Indian English poets featured in the literary anthology titled 'English Poetry in India: A Twenty First Century Review' published in October 2012.

2012. Book of Children's Rhymes in English titled 'Rhymes in Rhythm', Kolkata: Sampark.

KIRORI MAL COLLEGE

Seminars/Conferences attended

Dr. Seema Joshi: Presented a paper titled, 'Youth Bulge': Calling for Higher Public Investment on Child and Youth Development for Greater Future Returns in '2nd Annual Conference of Maastricht School of Management on the theme 'Our Youth: Conflict or Prosperity' held at Maastricht, 4 September 2012.

Publications

Koranga, B.S. 2012. 'Neutrino oscillation Phase Shift from Quantum Gravity' published in Int. J. Theor. Phys. 51: 3688-3693. Published by Springer.

CPT Violation in Neutrino Oscillation and Matter Effects, has been accepted in International Journal of Theoretical Physics.

CP Phase Effects in Long Baseline Neutrino Experiments, has been accepted in International Journal of Theoretical Physics.

Research Articles

Pragya. 2013. Published her book titled 'Aaine Ke Saamne' in February 2013. It has her articles written on different social, political and cultural issues. The book was launched during the World Book Fair 2013, in the presence of eminent scholars and authors like Prof. Nityanand Tiwari, Poetess Anamika, and famous short story writer Mridula Garg.

Joshi, S. 2012. 'Vietnam: Why is the Economy not Taking Off?

2012. 'Role of Science and Technology for Agricultural Revival in India', World Journal of Science, Technology and Sustainable Development, Vol. 9, No. 2, pp. 108-19.

2012. 'Role of Higher Education Sector in Changing Service Sector Innovation System', World Journal of Science, Technology and Sustainable Development, Vol. 9, Iss: 4, pp. 260-72.

2012. 'Changing Service Sector Innovation System of India', World Association for Sustainable Development Publishers, U.K.

2012. 'Sustainable Development of Higher Education for catalyzing Services-Driven Economic Growth in India', Maastricht School of Management, Working Paper No. 2012/01.

2012. 'Youth Bulge': Calling for Higher Public Investment on 'Child and Youth Development for Greater Future Returns', Maastricht School of Management, Working Paper No. 2012/19.

KALINDI COLLEGE

Honours/Distinctions

Dr. Anula Maurya: Won 'Global Award for Excellence 2013' by Women International Network for her outstanding contributions, on the occasion of International Mother Earth Day 2013.

Honoured with 'Mahandhra Award for Excellence 2013' (UGADI puraskar) to the eminent personalities who made a mark in the field of education.

Dr. Kalpana Kumari: Received National Award from President of India for the Empowerment of Persons with disabilities-2012 by Govt. of India, Ministry of Social Justice and Empowerment, Department of disability affairs.

Dr. Monika Bassi: Won the 'Award for College Lecturers: 2012-2013' awarded by the Directorate of Higher Education.

Ms. Manju Lata: Awarded 'Sanskrit Samaaradhak Sammaan' from Delhi Sanskrit Academy at FICCI Auditorium on 30 August 2012.

Seminars/Conference attended

Dr. Monika Bassi: Participated in the International Conference and presented a paper entitled 'Electron-Impact study of AIO using the R-matrix method' at 44th EGAS International Conference of the EGAS Gothenburg, organized by University of Gothenburg, Europe, Sweden, 9-13 July 2012.

Dr. Anula Maurya: Attended a Seminar organized on the occasion of 'Inauguration of Jaipur Chapter of APJA' at Jaipur, 19 January 2013 and presented the paper on 'उत्तरआधुनिक दौर की विकास योजनाएं और स्त्री'।

Attended a Conference organized by Delhi Sanskrit Academy in collaboration with Rajdhani College, 18 March 2013.

Dr. Kalpana Kumari: Attended National Conference on 'Advances in Environmental Sciences and Plant Biotechnology' organized by DDU College.

Dr. Anjula Bansal, Dr. Naina Hasija and Ms. Poonam Sachdeva: Attended a Conference on 'Managing MNE Dynamics and Sustainable Development: Best Strategies, Practices and Models' organized by SBS Eve. College.

Ms. Anita Verma and Ms. Rajni: Attended a National Seminar on Corporate Social Responsibility organized by Kirori Mal College.

Ms. Ruchi Vohra: Presented two Research Papers at National Seminars organized by Kamala Nehru College and Kirori Mal College.

Dr. Manju Sharma: Attended National Seminar on 'SuchnaYug Mein Hindi Shikshan Evam Parikshan: Samasyayan Evam Pariprekshya', organized by Rashtriya Parikshan Seva Bharat, Bhatriya Bhasha Sansthan Mysore and Kendriya Hindi Sansthan Agra, 15-16 March 2013.

Presented a paper National Seminar on 'Media Ka Bazaar aur Bazaar Ka Media' organized by Aditi Mahavidyalaya, Delhi, 19-20 March 2013.

Dr. Aarti Singh: Attended National Conference organized by HRD Ministry, Government of India, 15-16 March 2013.

Mr. Pukhraj Jangid: आत्मकथा और समाज 17, अप्रैल, 2012 क्षेत्रीय संगोष्ठी : आत्मकथा और समाज, (संकाय केन्द्र, जवाहरलाल नेहरू विश्वविद्यालय, नई दिल्ली।

Dr. Anju Panchal: Attended a National Conference organized by Delhi University on the title of 'Samrajyavad Virodh, Alochana Aur Ramvilas Sharma, 23-25 November 2012.

Attended a National Conference organized by Hindi Academy on the title 'Anuvad Setu', 5-6 December 2012.

National Conference on 'Media ka Bazar and Bazar ka Media' organized by Aditi Mahavidyalaya, 19-20 February 2013 and also presented a paper for publication having subtitle 'Suchna Ke Naye Madhyam Aur Loktantra Ka Vikas'.

National Conference on 'Hindi Sahitya Mein Paryavarniya Samvedna' organized by PGDAV College, University of Delhi, 21-22 February 2013 and also presented a paper to publish having title 'Hindi Sahitya Mein Paryavarniya Samvedna'.

Dr. Aravind Kumar: Attended a Conference on 'The Physics and Mathematics of the Universes', organized by Grukul Kangari Vishwavidyalaya, Haridwar, 11-12 March 2013.

Dr. Ruchi Tyagi: 'Federal Decentralization in the Era of Globalization and Coalition Politics', National Seminar on 'Indian Federalism: Emerging Issues and Challenges' at India International Centre, organized and sponsored by ICSSR, 8-9 March 2013.

Dr. Sunita: Presented a paper on 'Regional Parties in 21st century' at National Seminar organized by Bhagini Nivedita College, New Delhi, 18-19 March 2013.

Dr. Sangita Dhal: Paper Presentation Cultural Diversity & Citizen's Rights: Reflections on India's Tryst with Democracy in the National Seminar at Gandhi Smriti and Darshan Samiti, Rajghat, August 2012.

Paper Presentation Revisiting Human Security And World Peace: A Gandhian Approach Through Democracy And Development, National Seminar at Conference Centre organised by Shyam Lal [E] College, Delhi University, January 2013.

Dr. Nisha Goyal: Attended National research Seminar on 'Psychology & Stress management in ancient Sanskrit literature' & 'Climatology & management of Water resources in ancient Sanskrit literature' organized by Bharti College, 11 October 2012.

Dr. Harvinder Kaur: Attended National Seminar on 'Natyasastra in Modern Context' at Kamala Nehru College, New Delhi, 21 March 2013.

Ms. Manju Lata: Attended National Research Seminar on the topic - 'Psychology and Stress Management in Ancient Sanskrit Literature. And Climatology and Management of water Resources in Ancient Sanskrit Literature' at Bharati College, 11 October 2012.

Ms. Karnika Gaur Taneja: Participated in International Conference on Academic Libraries (ICAL 2013) on Academic Library Services through Cloud Computing: Moving libraries to the Web organized by GCSI University, 12-15 February 2013.

Publications

Tyagi, R. 2012. Published the following Books: Constitutional Democracy and Government in India, New Delhi: Mayur Paperbacks.

2012. Government and Politics in India, New Delhi: Mayur Paperbacks.

KESHAV MAHAVIDYALAYA

Seminars/Conferences attended

Dr. Harpreet Bhatia: Participated and presented two papers at the International Conference ICP-2012, Cape Town, South Africa.

Dr. Anju Arora: Participated and presented paper in the International Conference on Banking and Finance organized by International Management Institute, New Delhi, December 2012.

Participated and presented paper in the International Conference on Management Cases organized by BIMTECH, Noida, November 2012.

Dr. Ritu Arora: Participated and presented paper in the International Conference 'OPTIMA-2012' organized by University of Delhi, 29 November – 1 December 2012.

Dr. Pradeep Kumar: Participated in an International Conference organized by Jiwaji Vishwavidyalaya, Gwalior.

Dr. Padmasai Arora: Participated and presented paper in the India Finance Conference, IIM Calcutta, 2012.

Ms. Richa Sharma: Participated and presented paper in the International Conference on ISDA'12, Kochi, India, IEEE, 2012.

Mr. Ashish Bansal and Dr. Ritu Arora: Participated in the International Conference 'The Legacy of Srinivasa Ramanujan', University of Delhi, 17-22 December 2012.

Dr. Surender Singh: Participated in International Conference on Sports Economics and vision of London Olympic 2012, organized by Delhi University Sports Council, 17-19 April 2012.

Participated National Conference on Role of Physical Activities & Sports in Balancing Education organized by Department of Physical Education & Sports Sciences, 15-16 February 2013.

Publications

Arora, A. 2012. The IUP Journal of Financial Risk Management, 'The Impact of Size on Credit Risk Management Strategies in Commercial Banks: Empirical Evidence from India', Vol. IX, No. 3, pp. 24-4.

2012. 'Relationship between bank characteristics and the credit risk management framework: Evidence from Indian Banks' in MAIMS Journal of Management, 7(2), pp. 34-42, published by Maharaja Agrasain Institute of Management Studies, Delhi.
2013. 'Credit risk management operations and systems: does ownership matter?' in IIM Shillong Journal, in Issue 1.
- Hitesh, A. and Padmasai, A. 2012. 'Bank productivity measurement using Hicks–Moorsteen indices: evidence from Indian public sector banks', International Journal of Business Performance Management, 13(3/4), 386-407.
2013. 'Measuring and decomposing productivity change using Hicks-Moorsteen index Numbers: evidence from Indian banks', International Journal of Productivity and Quality Management, 11(1), 73-95.
- Bansal, R., Sehgal, P. and Bedi, P. 2012. 'Securing fingerprint images through PSO based robust facial watermarking', International Journal of Information Security and privacy (IJISP), IGI Global, 6(2): 34-52.
- Bedi, P., Kaur, H. and Gupta, B. 2013. 'An Agent based Reputation System for Unreliable Grid Environment', Journal of Information Modeling and Optimization (IJMO), 3(1), pp. 74-9.
- Bedi, P., Vatsa, A. and Sharma, R. 2013. 'Trust and Context View based Knowledge Sharing in MANets', International Journal of Trust Management in Computing and Communications (IJTMCC), 1(1). Inderscience.
- Sharma, R., Banati, H. and Bedi, P. 2012. 'Building Socially-aware e-Learning Systems through Knowledge Management', International Journal of Knowledge Management (IJKM), 8(3), 1-27. USA: IGI-Global.
- Mahajan, S., Haridas, D., Thakur, O.P. and Prakash, C. 2013. 'Dilatometric behaviour of doped barium titanate ceramic', Materials Letters, 92, 421-423.
- Mahajan, S., Haridas, D., Sreenivas, K., Thakur, O.P. and Prakash, C. 2013. 'Enhancement in electro-strain behavior by La_{3+} substitution in lead free $\text{BaZr}_{0.05}\text{Ti}_{0.95}\text{O}_3$ ceramics', Materials Letters, 97, 40-43.
- Haridas, D. and Gupta, V. 2012. 'Enhanced response characteristics of SnO_2 -ZnO hetrostructures loaded with nanoscale catalyst clusters for methane gas detection' MRS Proceedings 1454, 227 DOI: <http://dx.doi.org/10.1557/opl.2012.1444>
2012. 'Analysis of industrial and domestic gases by means of electronic nose', IMCS proceedings, Sensors Arrays, 122-125, DOI 10.5162/IMCS2012/1.4.4
2012. 'Enhanced Room Temperature Response of SnO_2 Thin Film Sensor Loaded with Pd Catalyst Clusters Under UV Radiation for Methane', IMCS proceedings, Metal Oxide-based Sensors, 758-760, DOI 10.5162/IMCS2012/P1.0.4
- Singh, J. and Baluja, K.L. 2012. 'Electron-impact study of the B_2 molecule using the R-matrix method', Journal: Physical Review A (2012) (PRA), American Physical Society (APS), [Phys. Rev. A 86, 032704 (2012)], 86, p. 032704.

Mahanta, D. 2013. Paper titled 'Effect of perceived social support on academic success of university students', issue of Indian Journal of Psychology.

Paper titled 'Organizational role stress amongst the police personnel in terrorist driven districts of Assam' has been accepted by the Indian Police Journal for its upcoming issue.

Sharma, D. Co-Editor of the Book 'Perspectives in Positive Psychology', Pinnacle Publication.

Bhatia, H. Co-author of Chapter 'Social Influences' in the book Chadha, N.K. (ed.) Social Psychology, Macmillan Publications India Limited.

Co-author of Chapter 'Positive Psychology' co-authored with Ms. Daisy Sharma in the book Chadha, N.K., Bhatia, H. and Sharma, D. (eds) Perspectives in Positive Psychology, Pinnacle Publications.

Co-editor of the book Perspectives in Positive Psychology, Pinnacle Publications. Co-editor of the journal 'Journal of Positive Psychology'.

LADY SHRI RAM COLLEGE FOR WOMEN

Honours/Distinctions

Dr. Arvind Kumar: Awarded the Raman post Doctoral Fellowship Award for conducting research at Ohio Wesleyan University, USA.

Ms. Smriti Sharma: Offered the Fulbright Nehru Doctoral and Professional Research Fellowship 2013-14.

Ms. Deepika Papneja: Offered the Fulbright Scholar-in-Residence Award.

Seminars/Conferences attended

Dr. Meenakshi Gopinath: Delivered the keynote address at the International Conference on 'Issues and Challenges in Education', at Kinnaird College, Lahore, Pakistan in February 2013.

As a panelist she presented on 'Buddhisms in India Today: Problems and Possibilities of a Pluralistic Paradigm', at the International Association of Buddhist Universities' Annual Seminar organized on the occasion of the 9th United Nations Day of Vesak Celebrations, Ayutthaya, Thailand, June 2012.

Dr. Priti Dhawan: Attended the 'Women's Education Worldwide' Conference held at Ginling College, Nanjing, China, from 8-11 June, 2012 and presented the keynote speech under 'Gender in Disciplines' with Dr. Kanika Khandelwal on 'Gender Gap in Mathematics: Real or Imagery?'

Dr. Anjali Bhatia: Presented a paper titled 'Eating and the Lifecourse: Childhood in Globalizing India' at the 2nd ISA Forum of Sociology, International Sociological Association, Buenos Aires, Argentina, in August 2012. She also spoke on 'Constitution of Childhood and Youth in Fast Food Eating Out Culture: Global-Local Dynamics in India' at the 2012 Sagan National Colloquium, Ohio-Wesleyan University, Ohio, in October 2012.

Dr. Maya Joshi: Panelist and presented on 'Buddhisms in India Today: Problems and Possibilities of a Pluralistic Paradigm', at the International Association of Buddhist Universities' Annual Seminar organized on the occasion of the 9th United Nations Day of Vesak Celebrations, Ayutthaya, Thailand, June 2012.

Dr. Kanika Khandelwal: Delivered the keynote lecture titled 'Gender Gap in Mathematics: Real or Imaginary' at 'Gender Issues in Higher Education: Global and Local Experience,' 2012 Women's Education Worldwide Conference, Ginling College, Nanjing, China, 8-10 June 2012.

Dr. Jonaki B. Ghosh: Delivered a talk titled 'Learning Mathematics in Secondary School: The Case of Mathematical Modelling Enabled by Technology' at the ICME – 12, an International Congress on Mathematics Education held in Seoul, 8-15 July 2012.

Ms. Bindu Menon: Presented the following papers: 'This Curious Commodity Called Cinematograph' at the 'Law and the Cinematograph Exhibitions in South India, 1926-30, Legal Histories of the British Empire Conference,' National University of Singapore, Singapore, 5-7 July 2012.

Ms. Subi Chaturvedi: Presented a paper on the 'New media, New Ethics' at the AMS 2012, Bangkok. At the last Global IGF 2012, held at Baku, Ms. Chaturvedi contributed on several panels on Access and Diversity, Relating national and regional IGFs and What's at stake for the Internet among others.

Dr. Megha Dhillon: Presented a poster titled 'Children's Perceptions of Peer and Student-teacher Conflicts in the School Setting' at the 30th International Congress of Psychology held in Cape Town, South Africa, 22-27 July 2012.

Ms. Vibhuti Gupta: Attended the 30th International Congress of Psychology, Cape Town, South Africa, 22-27 July 2012 and presented a paper titled 'Organizational Role Stress and Personality: An Interface' there.

Dr. Dolly Menon: Participated in and presented a paper titled 'Musings on Poverty' at the National Seminar on Emerging Nations held at Ramnarain Ruia College, Mumbai in August 2012.

Dr. Shernaz Cama: International Seminar 'Celebrating a Treasure: 140 Years at the First Dastoor Meherjirana Library', Navsari, Gujarat. She was interviewed at the AJ Kidwai Mass Communication Centre, Jamia Millia University on the topic Zoroastrianism.

Dr. Smita Sahgal: Delivered a talk on, 'Exploring the Beneficiaries: A Gendered Peep into the institution of Niyoga in Early India', at ICHR, New Delhi, 17 May 2012.

Presented a paper at an International Conference organized by Archive India entitled, 'Situating Kingship within the Discourse of Masculinity in Early India' in Delhi, 2 November 2012.

Made a presentation titled 'Áhimsa: A Gateway to Consciousness' at an International Conference on 'Towards Science of Consciousness' organized by the University of Arizona and Dayalbagh Educational Institute, at Agra, 4 March 2013.

Dr. Anjali Bhatia: Presented a paper titled 'Gendered Youth: An Inquiry into Fast Food Eating Out Culture in Delhi' at 'Mumbai: At Home and in the World,' the Winter Seminar organized by Barnard College at Sophia College, Mumbai, January 2013.

Dr. Maya Joshi: Participated in and presented a paper titled 'Rahul Sankrityayan and Central Asia: A Traveler's Travails and Triumphs' at a National Seminar titled 'Central Asian Studies in India', organized by JNU, March 2013.

Ms. Shikha Jhingan: Presented a paper titled 'The Haunting Songs of Bombay Cinema' at 'The Indian Cinema Century: Film, Technology and the Contemporary,' an International Conference organized by The School of Arts and Aesthetics, Department of Cinema Studies, JNU, January 2013.

Presented a paper titled 'Performing the Authentic: Lata Mangeshkar's Voice in the Age of Cassette Reproduction,' in a Seminar on 'Hindi Cinema@100: A Retrospective' organized by the Indian Institute of Advanced study, Shimla in October 2012.

Dr. Sushila Madan: Chairperson and Expert Speaker for an International Conference on 'Emerging Trends in Technology and Management' at IIC, December 2012.

Chairperson and Expert Speaker for a National Conference on 'Current Scenario & Emerging Trends in Information Technology' at Maharaja Surajmal Institute, 17 March 2013.

Ms. Meenakshi Pahuja: Attended a National Conference on Futuristic Trends in Physical Education held at Amity University, Noida, January 2013.

Attended National Conference on the 'Role of Physical Activities and Sports in Balancing Education,' jointly organized by the Department of Physical Education.

Dr. Kanchan Verma: Presented a paper titled 'Plural Resistances in Dalit Autobiographies' in an International Conference on 'Literature and Marginality: Comparative Perspectives in African, American, Australian and Indian Dalit Literature' at IGNOU, 20-22 February 2013.

Presented paper, 'Murdahiya Bahaisiyat Dalit Aatmakatha' in an ICSSR-sponsored, National Seminar on 'Sociology of Dalit Literature' at Dyal Singh College, February 2013.

Dr. Darshana Dhawal: Attended a National Seminar on 'Sociology of Dalit Literature' organized by Dyal Singh College.

Publications

Books

Bansal, P. 2013. Youth in Contemporary India: Images of Identity and Social Change, Springer India.

Pahuja, M. 2013. Annual Statistical Swimming Bulletin, 2012.

Research Articles in Books or Scholarly Journals

Cama, S. 2012. 'Parsi Embroidery: An Intercultural Amalgam'. In Global Textile Anthology.

2012. 'Sacred Armour: Ritual Garments of the Parsi Zoroastrians'. In Sacred Cloth, MARG Publication.

Chaturvedi, S. 2012. 'Food Security and Nutrition Justice' was published by Blackwell for OXFAM & IDS.

2012. 'Keep the UN out of the Net'. In Indian Express, 04 Oct 2012.

Dhawan, P. 2012. 'Mental Imagery: Training and its Effect on Recall'. In Psychological Studies, Vol. 57, No. 4, pp. 417-22.

Ghosh, J. 2012. 'The Senior Secondary Mathematics Curriculum'. In Mathematics Education in India: Status and Outlook edited by Ramanujam, R. and Subramaniam, K. Homi Bhabha Centre for Science Education.

2012. 'The Birthday Paradox: Probability Taught Visually'. In At Right Angles, Vol. 1, No. 1.

2012. 'The Monty Hall Problem: Probability Taught Visually', in At Right Angles, Vol. 1, No. 1.

Gopinath, M. 2012. 'Processing Peace: To Speak in a Different Voice'. In Peace Prints: A South Asian Journal of Peacebuilding, Vol. 4, No. 2, New Delhi.

Jhingan, S. 2012. 'Teenaged Girls and Global Television: Performing the New Hindi Film Song'. In Super Girls, Gangstas, Freeters, & Xenomaniacs: Gender and Modernity in Global Youth Cultures by Dewey, S. and Karen J. Robinson, (eds), Syracuse, Syracuse University Press.

Joshi, M. 2012. 'Buddhisms in India Today: Problems and Possibilities of a Pluralistic Paradigm'. In Teaching Dhamma in New Lands, Academic Presented papers at the 2nd International Association of Buddhist Universities' Conference, Ayutthaya, Thailand, pp. 326-34.

Joshi, R. 2013. 'Travels in History and Geography: Interview with William Dalrymple'. In World Literature Today (Univ. of Oklahoma).

Kalra, S. 2012. 'Uttarakhand ka Lok Sahitya'. In Paanchvaan Stambh.

Kalyani. 2012. 'Reorienting Teacher Education to integrate Education for Sustainable Development'. In Journal of Teaching and Education, Vol. 1, No. 2, pp. 135-42.

2012. 'A Framework for Curriculum Sequencing'. In International Journal of Learning, Vol. 18, Issue 12, pp. 35-48.

Kumar, A. 2012. 'A Study on Factors affecting Selection of Non-Fuel Retail outlet in India'. In Asia-Pacific Marketing Review.

2012. 'The Role of Social Networking Media in Talent Selection and Acquisition for Employers and a Job Hunting Tool for Job-seekers with Special Reference to Ahmedabad City'. In Asia-Pacific Marketing Review.

2012. 'A Study on Customer Services of Selected Private Sector Banks with Special Reference to Udaipur'. In Asia-Pacific Business Review.

2012. 'Identifying Relationship between Capital Structure and Value of the Firm for Indian Pharmaceutical Companies'. In Asia-Pacific Business Review.

2012. 'Trade Liberalization and Price Volatility in Major Cash crops of India: An Econometric investigation,' in Asia-Pacific Business Review.

- Madan, S. 2012. 'Testing Websites Using P3 R 2 Model'. In International Journal of Computer Science Issues (IJCSI), Vol. 9, Issue 4.
2012. 'A Practical T-P3R2 Model to Test Dynamic Websites'. In Journal of Information Engineering and Applications (JIEA), IISTE, pp. 44-7, Vol. 2, No. 6.
2012. 'Comparison of Success Factors of B2C E-commerce Travel Websites based on STEP Model'. In Cyber Times International Journal of Technology & Management (CIJTM), Vol. 1, Issue 1.
- Menon, D. 2012. 'Collections from Commons-A Crucial Component of Survival Strategy of The Poor: Experience From West Bengal', iasc2011.fes.org.in/papers.
2012. 'Conservation of Rural Ponds is The Key to Health and Nutritional Wellbeing of the Poor: Experience from West Bengal'.
- Nanda, V. 2013. Contributed a chapter in Naye Samay ka Media, Yash Publication.
2013. Contributed a chapter in Web Media aur Hindi ka Vaishwki Pridrshya, Hindi Yugm.
2012. 'Baba and Aandolan via Media', Media Vimarsh.
2012. 'Mahila aur Vimarsh kee Zameen ke Beech', Media Vimarsh.
- Pahuja, M. 2013. 'Swimming & Health' was published in February 2013.
- Roy Chowdhury, Sanjay. 2012. 'Second-Order Response Surface Designs involving Quantitative and Qualitative Factors under Split-plot Structure'. In Journal of Indian Association for Productivity, Quality and Reliability, Vol. 37, pp. 31-43.
2012. '24-Run Non-Regular Split-plot Designs using Hadamard Matrices'. In the International Journal of Agricultural and Statistical Sciences, Vol. 8, pp. 157-68.
- Sahgal, S. 2011. 'Mutations within the Tradition of Niyoga: An Assessment from Woman's Vantage' was published in the Journal of Ancient Indian History, Vol. xxvii, University of Calcutta, 2010-2011, pp. 116-32.
2011. 'Gendered Inquiry into Niyoga: Appraising Institution from the Perspective of Female Actors'. In PHIC, 72nd Session, Patiala, pp. 179-92.

LAKSHMIBAI COLLEGE

Seminars/Conferences attended

- Dr. (Mrs.) Anita Malhotra: Presented a paper 'Dietary behavior, physical activity and obesity among adolescents attending a day-boarding school in Delhi' at the Annual Conference of the ISBNPA at Austin, Texas, USA, 23-26 May 2012.
- Lt. (Dr.) Seema Kaushik: Presented a research paper entitled 'Influence of 18-Weeks Physical Conditioning on Various Body Indices and Three Dimensions of Centre of Gravity of Male Youth' and a poster entitled 'XIX Commonwealth Games 2010: An Overview' in the ICSEMIS 2012 held at Glasgow, Scotland, 19-24 July 2012.

Attended the International Conference on Sports Economics and Vision of London Olympics 2012 organised by DUSC, 17-18 April 2012.

Participated in the National Conference on Career Development and presented the papers i) Career Prospects in Physical Education, Sports and Wellness, ii) Building Career through NCC.

Dr. (Mrs.) Veena Gautam: Delivered the welcome address at the National Seminar on Environment and Sustainable Development: Prospectus and challenges on 7-8 November 2012.

Dr. Raj Nangia: Participated in a UGC sponsored National Seminar organized by Sanrakshan: The society for Environmental awareness', Lakshmibai College, University of Delhi, 7-8 November 2012.

Dr. Anita Goel, Dr. B.R. Gupta, Dr. Madhu Aggarwal and Dr. Lata Sharma: Participated in a UGC sponsored National Seminar organized by Sanrakshan 'The Society for Environmental awareness, Lakshmibai College, 7-8 November 2012.

Dr. Lata Sharma: Co-presented a paper titled 'Growth Strategies of Adidas Group' at International Conference on Sports Economics and vision of London Olympics 2012' organized by Delhi University Sports Council, 17-19 April 2012.

Dr. B.R. Gupta: International Conference 'The Legacy of Srinivasa Ramanujan' organized by University of Delhi, 17-20 December 2012.

Dr. Asha G. Shankar: Attended 'International Seminar on History of Mathematics' Jointly organized by Ramjas College and Indian Society for History of Mathematics, 19-20 November 2012.

Attended 'International Conference on History of Mathematics and Symposium on Non – Linear Analysis', Jointly organized by M.D. University, Rohtak and Indian Society for History of Mathematics, 21-24 November 2012.

Presented a paper entitled 'Teaching Mathematics through Games' in the National Conference on 'Quality concerns in Teacher Education' organized by Punjabi University, Patiala, 7-8 February 2013.

Dr. Anita Goel, Dr. Raj Nangia and Dr. Madhu Aggarwal: Attended International Conference entitled 'Multinational Enterprises and Sustainable Development' organized by SBS (E) College, supported by ICN Business School and Cerefige, France and CIBER Georgia Tech, USA, 12-14 December 2012.

Dr. Neeta Bareja: UGC – National Seminar on 'Merger & Acquisition in Global Scenario' at Kamala Nehru College, 17-18 August 2012.

Dr. Alka Harneja: Co-presented a paper titled 'Growth Strategies Adidas Group at on International Conference on Sports Economics and vision of London Olympics 2012, organized by Delhi University Sports Council, 17-19 April 2012.

Participated in UGC sponsored National Seminar organized by 'Sanrakshan: The society for Environment of Awareness', Lakshmibai College, 7-8 November 2012.

Dr. Poornima Sunil Talwar: Presented a paper on 'Positioning of Human Resource Function in the Corporate Enterprises in Indian' in Conference at IFSAM 2012 at Kemmy Business School, University of Limerick, Ireland, 22-26 June 2012.

Participated National Conference on 'FOL in Sudra' Response and challenges' organised by Shaheed Bhagat Singh College, 5-6 November 2012.

Dr. Anita Malhotra: Presented a paper 'Obesity, junk food consumption and sedentariness among affluent adolescents in selected school of Gurgaon' at the 8th National Conference of All Indian Association for Advancing Research in Obesity, Pune, 9-10 February 2013.

Ms. Geeta Arya: Presented a paper 'Pre-colonial Awadhi literary discourse: embodiments of composite culture', in a National Seminar organized by Jamia Millia Islamia, 13-14 March 2013.

Ms. Uma: Organized a National Seminar sponsored by UGC, on 'Environment and sustainable Development Sanrakshan: The Society for Environmental Awareness'.

Mrs. Ankita Bhatia, Mrs. Amita Malhotra and Mrs. Sucheta Gauba: Attended 'National Conference on FDI in Indian Response and challenge' by Shaheed Bhagat Singh College on 5-6 November 2012.

Dr. Nirmal Shahid: Attended a National Seminar on 'Kartar Singh Duggal Ka Navali Sansar' organized by University of Delhi, 19-20 March 2013.

Lal Mohammed Sanrakshan: SAARC Conference on 'Trends and Developments in Library & Information Science' at Bimtech Birla Institute, Noida, 1 December 2012.

The 2nd International Conference on Academic Libraries, ICAL – 2013 organized by Guru Gobind Sing Indraprastha University, Dwarka, and New Delhi, 12-15 February 2013.

Publications

Books

Shankar, A.G. Written a book 'Group Theory' published by Person Education.

Agarwal, V. 2013. 'Managerial Economics' ISBN: 978 – 81 -317-7562-2) co-authored by Dr. Vanita Agarwal was published by Dorling Kindersely (India) Pvt. Ltd., Licensees of Person Education in South Asia.

2013. Co-authored 'Macroeconomics' (ISBN 978-93-8212-711-6), Ane Books Private Ltd.

Talwar, P.S. Co-authored a book 'Human Resource Management' published by Pearson for the semester course of B.Com. (Hons.).

Kaushik, S. 2012. 'Effect of Intensive and Moderate Physical Training on Somatotypes of Male and Female' in the Proceedings of Pre-Olympic Congress on Sports Science and Computer Science in Sports (IACSS): Liverpool, England, (ed.) By Prof. Yung Jiang ISBN 13: 978-1-84626-094-0 by the World Academic Union on pp. 46-52.

LADY IRWIN COLLEGE

Ph.D. Degrees awarded

Ph.D. - 9

New Additions

Mr. Shubhanku Kocher

Seminars/Conferences attended

A. Arora, D. Gupta, D. Rastogi and M.L. Gulrajani: Bioactive textiles, The Fiber Society Spring 2012 Conference, Switzerland, 23-25 May 2012.

T. Dawar and S. Anand: Lives of women living with HIV/ AIDS: Conference at London School of Economics - British Society of Population Studies. 2012.

R. Gaur and S. Anand: Cash Incentive Based Programmes for the survival of Girl Child In India: A Critique' at a Conference organized by International Journal of Arts and Science, Toronto, Canada, May 2012.

N. Goyal, D. Rastogi, M. Jassal and A.K. Aggarwal: Interaction and Self Cleaning Activity of Titania Nanoparticles on Un dyed and Dyed Cotton, The Fiber Society Spring 2012 Conference, Fiber Research for Tomorrow's, Empa, St. Gallen, Switzerland, 23-25 May 2012.

Mani Bhasin Kalra and Bharati Baveja: 'Teacher Thinking about Knowledge, Learning and Learners: A Metaphor Analysis'. International Conference on New Horizons in Education, Dorint Hotel Don Giovanni Prague, Prague, Czech Republic, Virtual Presentation, 5-7 June 2012.

A. Moitra and A. Kumar: Hill Women's Perceptions and Articulations about Climate Change: A study of Chamba, Uttarakhand. Paper presented at International Conference on Climate Change and Social Issues at Colombo Sri Lanka, 14-15 December 2012.

R. Chadha: Co-author in Paper presented on 'Challenges in the dietary management of children with pervasive developmental disorders' at Indian Dietetics Association Conference, 2012.

R. Dhingra: Paper presented in International Conference on 'Leadership in Business and Management for Sustainable Global Economy' organized by Krishi Sanskriti at IIT, Delhi, 3-4 November 2012.

Paper presented in National Seminar on 'Global Education – Pedagogical Perspective As A Disciplinary Approach' organized by Isabella Thoburn College, Lucknow, 13-15 September 2012.

Presented paper in National Seminar on Issues of Content & Technology in Contemporary Media by Teerthanker Mahaveer University, 28-30 June 2012.

N. Goyal, D. Rastogi, M. Jassal and A.K. Aggarwal: Kinetics investigation on photocatalytic degradation of a commercial dye in Titania nanoparticles aqueous dispersion, SMITA Research Symposium-II, organised by SMITA at IIT Delhi, 18 May 2012.

A. Khanna and S. Kalra: Comics for Enhancing Innovation Amongst Youth at the International Conference on Innovation in Management and Information Technology 2012 at Institute of Management and Technology, Faridabad, 7 April 2012.

S. Singh and R. Malaviya: 'Employment for persons with disabilities: Opportunities and Challenges'. Paper Presentation Annual Conference (2012) of CESI, Hyderabad.

Publications

Books

Malaviya, R. 2012. Family School Interface-Influence on the discipline technique and dignity of the child. Published by the Parents Forum for Meaningful Education.

2012. Reaching out to the child from diverse backgrounds: some pedagogical concerns in Parimala, Role of Teachers in Changing Context Policy and practices, New Delhi: Kaniska Publishers.

Pahad, A. and Anand, S. (eds) 2012. A Handbook of Media and Communication Researches, New Delhi: Manglam Publishers. ISBN978-81-89972-73-8.

Seth, V. and Singh, K. 2012. Diet Planning through the Life Cycle Part I : Nutrition for Adults and Elderly, A Practical Manual, Fifth Edition, Elite Publishing House.

Upadhyay, R. 2012. Post-Harvest Management of Food in Reshaping Technology for Agricultural Development, New Delhi: SS Publishing House.

Research Articles

Anand, S. 2012. Chapter 'Concepts in Development Communication', 'Careers in development Communication' and Media planning and Advocacy' for Class XII NCERT textbook on Human Ecology and Family Sciences.

Chander, S. 2012. 'Little Creativity: A Case for our Science Classroom' in Gifted Education International. New Delhi: Sage Publications.

Chaudhary, N. and Sharma, N. 2012. Adolescence in India. In Arnett, J.J. (ed.) 'Adolescent psychology around the world'. New York: Psychology Press, pp.103-18.

Gaur, R. and Anand, S. 2012. 'Sensitizing People Towards Consequences of Female Foeticide: An Appraisal' in Handbook of Media and Communication Research, Edited by Pahad, A. and Anand, S.

Kumar, A. 2012. Chapters 'Managing Development Programmes' and 'Careers in Development Communication' for Class XII NCERT text book on Human Ecology and Family Sciences.

Mathur, P. 2012. 'Food Preservation and Processing: an Introduction, in Basic Concepts of Food and Nutrition', Block 2, Unit 1 of the Bachelor of Vocational Education and Training Programme, IGNOU.

2012. 'Food Safety and Quality Assurance in Basic Concepts of Food and Nutrition', Block 1, Unit 5 of the Bachelor of Vocational Education and Training Programme, IGNOU.

Mital, M. and Jain, M. 2012. 'Catalysts and Hindrances in Greening Existing Buildings: An Indian Perspective' published in 3rd E-book on Global Sustainable Development: A challenge for consumer citizens, International Federation for Home Economics.

Mital, M. 2012. Written chapters for NCERT book for standard XII on Human Ecology and Family Sciences.

Sharma, N. and Sen, R.S. 2012. Children with disabilities and supportive school ecologies. In Ungar, M. (ed.) *The Social Ecology of Resilience*. New York: Springer, pp. 281-95.

Sharma, N. 2012. Chapter 'Special Education and Support Services' for Class XII NCERT textbook on Human Ecology and Family Sciences.

Singh, A. and Gupta, D. 2012. Contexts of Childhood and Play: Exploring Parental Perceptions. *Childhood: Journal of Global Child Research*. Vol. 19, Issue 2, pp. 235-50.

Upreti, N. and Bhargava, V. 2012. 'Early Childhood Development Programmes in Nepal: Impact on the Development of the Young Child' Chapter in a book entitled 'Contemporary Nepal: Reflections on Emerging Political and Social Issues and Trends', (ISBN 13: 978-8187644897) edited by Upreti, B.C. and Pyakurel, U.P.

Scholarly Journals

Anand, S. and Gaur, S. 2012. Moving beyond the information needs: Role of Community Media in communication for development, in the book of Abstracts of the International Seminar Changing face of Indian Media: What needs to be done?, Centre for Economic and Social Studies, Hyderabad.

Anand, S. and Mandaar, S. 2012. 'Empowering women through Community Radio: Case of Community Rudi No Radio', *BSSS Journal of Social Work*, Issue 4, Vol. IV.

Anand, S. and Singhal, A. 2012. Understanding People's Voices for Participatory Development: A Case Study of Community Radio Bundelkhand. *Vidura*, Vol. 4, issue 4.

Arora, A., Gupta, D., Rastogi, D. and Gulrajani, M.L. 2012. Kinetics and thermodynamics of dye extracted from *Arnebianobilis* Rech.f. on wool *Indian Journal of Fibre and Textile Research*, 37, pp. 178-82.

2012. Naphthoquinonecolourants from *Arnebianobilis* Rech.f., *Coloration Technology*, 128, pp. 1-6.

2012. 'Antibacterial naphthazarins extracted from *Arnebianobilis* Rech.f.', *Journal of Natural Products*, 5, pp. 168-78.

Dawar, T. and Anand, S. 2012. 'A tough life for women living with HIV/AIDS: Vidura- A'. *Journal of the Press Institute of India*, Vol. 4, 0042-5303. Issue 3.

Gaur, R. and Anand, S. 2012. 'Cash Transfer Scheme for Protecting the Survival of Girl Child in India: A Critique' published in *Humanities and Social Sciences Review*, ISSN: 2165-6258: Vol. 01: Number 03 (2012), Copyright © 2012 by University Publications.net

2012. 'Can Cash Transfer Schemes Ensure the Survival of Girl child?' published in *Vikasini, Journal for Women Empowerment*.

Panda, P.K., Rastogi, D., Jassal, M. and Aggarwal, A.K. 2012. 'Effect of atmospheric pressure helium plasma on felting and low temperature dyeing of wool', *Journal of Applied Polymer Sciences*, 124(5): 4289-97.

Upadhyay, R. 2012. *Fruit and vegetable Preservation, Need for Today*, Smarika, 2012, Bihar Agricultural University, Bhagalpur. फल एवं सब्जियों का परीक्षण प्रसंस्करण आज की जरूरत, स्मारिका 2012, बिहार कृषि विश्वविद्यालय, भागलपुर, पृ.सं. 44-47।

MATA SUNDRI COLLEGE FOR WOMEN

Seminars/Conferences attended

Ms. Preeti Singh: Presented a paper titled 'The Politics of narration in Mirza Hadi Ruswa's *Umrao Jan Ada (1899)*' at the Annual Conference of the IACLALS, University of Lucknow, on 'The Postcolonial and/in the Indian Languages', 7-9 February 2013.

Presented a paper on 'Graphic Transgressions: Reinventing the Autobiographical Novel in Amruta Patil's *Kari* and Sarnath Bannerji's *Corridor*' at the Annual Conference, Department of English, Delhi University, 4-6 March 2013 on 'Rethinking the Novel'.

Ms. Meena Baweja: Presented a paper entitled 'Portfolio optimization with structured products under return constraints' in an International Conference on 'Optimization Modelling and Application', University of Delhi, December 2012.

Dr. Suman Khanna Aggarwal: Presented a paper on 'Exploring Gandhi's Concept of Shanti Sena As an Alternative to Military Defense', at International Seminar: GANDHIRAMA2012 – A Feast of Ideas and a Festival of Arts, JNU, organised by ICPR, New Delhi, 16-20 August 2012.

Ms. Sarabjit Kaur: Presented a paper titled 'Elder abuse and government's policy for their protection in India' at a National Conference organized by India Career Development Association and Indian Association of Positive Psychology, University of Delhi, 26-27 May 2012.

Dr. Pooja Wadhawan: Presented a paper 'Life Satisfaction Amongst Persons Suffering from Physical and Psychological Diseases' in an International Conference on 'Positivism: Foundation for Human Dimension', organized by Amity University, Jaipur, 6-8 August 2012.

Publications

Aggarwal, S.K. 'Right To Education Act: Issues & Challenges'. *Journal of Bihar Education Society*.

Kunwar, N. 'Writing in Classrooms: Missing voices & Reflection' *Language, & Language Teaching* 2 (2013).

'Literature in Classrooms: Practices & Reflection' *FORTELL (Forum for Teachers of English Language & Literature* 26 (2013).

Mathur, M. 2012. *Arms and the Man: A Study of Select American War Novelists*. New Delhi: Atlantic Publishers.

Singh, M.J. 2012. *Male Image, Female Gaze: Men in the works of Shashi Deshpande*. Japiur: Rawat Publishers.

Rajpal, V. and Kumar, A. 2012. 'Symmetry and the quasi-centrality of operator space projective tensor product'. *Arch. Math Springer*. 99: 519-29.

Ram, S.D. 2012. 'The influence of magnetic field upon the collapse of a cylindrical shock waves', *Meccanica*, 47.

2012. 'Evolution and Decay of Weak Shock waves in Non ideal reactive flow' *Proc of Math. Soc.* 27: 77-99.

Sharma, R. 'India and ASEAN in 21st century', *Third Concept: An International Journal of Ideas*, No. 303.

Verma, R. and Dass, B.K. 2012. 'Construction of m-repeated burst error correcting binary linear code'. *Discrete Mathematics, Algorithms and Applications*, 4.3.

MIRANDA HOUSE

Honours/Distinctions

Dr. Pratibha Jolly: Awarded with the Lifetime Achievement Award by the Womens International Network on the International Day for Elimination of Violence Against Women.

Dr. Monika Tomar: Received the Best paper presentation award at 39th annual meeting of Material Research Society of India, Thapar Institute, Patiala.

Dr. Bharati Jagannathan: Received Fulbright Nehru post-doctoral fellowship for research at the University of Pennsylvania.

Dr. Nonica Dutta: Appointed as Visiting Professor to the University of St. Gallen, Switzerland.

Seminars/Conferences attended

Dr. Pratibha Jolly: Participated in the World Conference on Physics Education and presented a paper titled The role of Physics Education for Sustainable Development in the context of developing countries: challenges and opportunities at Istanbul, Turkey, 1-6 July 2012.

Invited Speaker at the AICTE-CII University-Industry Congress 2012 & 4th Global Higher Education Summit session on How can Higher Education be Made More Innovative?, 9 November 2012.

Participated as panelist in a Brainstorming Conference on Implementation Aspects of the Science, Technology and Innovation Policy, organized by the National Academy of Science India at National Institute of Plant Genome Research, 2 March 2013.

Dr. Mallika Verma: Presented a paper at the International Journal of Arts and Sciences International Conference for Academic Disciplines, Toronto, Canada, 21-24 May 2012.

Dr. Monika Tomar: Delivered Invited Talk, International Conference of young researchers on advanced materials, Singapore, 1-6 July 2012.

Dr. Sunita Dhingra: Delivered an oral presentation on Green Qualitative Organic Analysis in 3rd International Symposium on Green Chemistry for Environment Health and Development in Greece, 3-5 October 2012.

Dr. Bharati Jagannathan: Presented a paper on Creating a Community, Creating a Tradition: The Politics of Tamil Úrívais?n?ava Hagiographies at the 22nd European Conference on South Asian Studies, Lisbon in July 2012.

Dr. Mahuya Bandyopadhyay: Attended Conference on Resisting the Eclipse: An International Symposium on Prison Ethnography at Open University Milton Keynes, UK, 18-19 September 2012.

Dr. Poonam Kumria: Attended National Seminar on Contemporary Urban System Challenges and opportunities, BHU, Varanasi, 11-13 February 2013.

Ms. Monika Vij: Presented a research paper on Contemporary Urban System: Challenges and Opportunities, National Seminar being hosted by BHU, Varanasi, 11-13 February 2013.

Ms. Avantika Berwa: Attended 19th International Conference on Human Rights: Evolution, Implementation and Evaluation, organized by Rajasthan Sociological Society and presented a paper Violence Against Women: A Sociological Analysis in the Conference in Alwar, Rajasthan, 14-16 December 2012.

Attended 38th All India Sociological Conference organized by Indian Sociological Society and presented a paper Violence Against Woman and the Role of State in Udaipur, Rajasthan, 27-29 December 2012.

Ms. Anuradha Sinha: Presented a paper titled 'Managing Knowledge & Knowledge Society' at the 58th International Library Conference of Indian Library Association on Next Generation Libraries: New Insights & Universal Access to Knowledge, Karnataka University, Dharwad.

Presented paper titled 'Information Security Cyber Threat & Law' in National Seminar on India's Security Scenario: The challenge & the response organized by Y.B. Chavan Centre, Mumbai & The Centre for International Strategic & Development Studies, Mumbai on 16 February 2013.

Publications

Research Articles

Arora, K., Tomar, M. and Gupta, V. 2012. Reagent less detection of uric acid based on iron doped Zinc Oxide matrix. Proc. IEEE Sensors 2012, Taiwan, pp. 1-3. DOI: 10.1109/ICSENS.2012.6411446.

Batra, N., Tomar, M. and Gupta, V. 2012. 'Al: ZnO thin film: An efficient matrix for cholesterol detection'. Journal of Applied Physics, 112-114701.

2012. 'Realization of an efficient cholesterol biosensor using ZnO Nanostructured thin film'. Analyst, 137-5854-59.

Bhatia, M. 2012. 'Higher Order Duality in Vector Optimization over Cones'. Optimization Letters, 6: 17-30.

- Disodia, R. 'Taraka Vadh' a short story published in literary magazine Anbhaya Sancha, January 2013.
- Gupta, S., Tomar, M., Gupta, V., Pal, M., Guo, R. and Bhalla, A. 2012. 'Piezoresponse Force Microscopy and VSM Study of Single Phased Mn Induced Multiferroic BiFeO₃. Journal of Applied Physics, 111-064110.
- Gupta, S., Tomar, M. and Gupta, V. 2012. Effect of A-site and B-site doping on multiferroic property of BFO Thin Film. presented at INMAM workshop, Thailand, 8-13 December 2012.
- Jagannathan, B. 2013. Poetry: Philadelphia Winter, Four and Twenty of the Week.
2012. Review of Social Movements and Cultural Currents, edited by Vandana Joshi, in Indian Historical Review, Vol. 39.1, 1789-1945.
2012. Re-reading a Saint, a Review of Interpreting Devotion: The Poetry and Legacy of a Female Bhakti saint of India, by Karen Pechilis, in Himal South Asian.
- Jindal, K., Tomar, M. and Gupta, V. 2012. 'CuO thin film based uric acid biosensor with enhanced response characteristics'. Biosensors and Bioelectronics, 38: 11-18.
- Jindal, K., Arora, K., Tomar, M. and Gupta, V. 2012. 'Uric acid biosensor based on pulsed laser deposited CuO thin film'. Journal of Nanoscience Letters, 2-28.
- Jolly, P. 2012. The Role of Education Physics Education for Sustainable Development in the Context of Developing Countries: Challenges and Opportunities, (WCPE 2012), Istanbul, Turkey, 1-6 July 2012.
- Jolly, P. and Verma, M. 2012. 'Abstract A New Perspective of Teaching-Learning initiatives using Innovative Technological Approach', IJAS International Conference for Academic Disciplines, Toronto, Canada, 21-24 May 2012.
- Kannojiya, R. 2012. Sankara Philosophy: Ethical Perspective (ed. Jha) Vedanta perspective: 192-201, New Delhi: D.K. Printworld, ISBN No. 978-81-246-0639-1.
2013. 'Advaita Vedanta of CE ankara' (ed.) Srivastava, A. Aspects of spirituality and education: 55-79, New Delhi: Kaveri Books. ISBN No. 978-81-7479-123-8.
- Mahmoudi, A., Parida, A., Chaudhary, M., Agrawal, R. and Raina, S.N. 2012. 'Chromosome variation and evolution in Narbon vetch, Vicianarbonensis L.' Phytomorphology, 62: 49-56.
- Pal, M. 2013. Rehabilitation of the 'Project Affected': Eminent Domain and Just Compensation in Gangopadhyay, S. and Santhakumar, V. (ed.) Law and Economics, Vol. 2: Practice, New Delhi: Sage Publications India Pvt. Ltd.
- Priyadarshini, M. 2012. 'Can We Stop the Language of Domination in the national daily'. The Hindu.
2012. 'Tarkshoonyata ke Khatare', in the special issue of Shiksha Vimarsh on Cartoon Debate, July-October, 2012.

2012. 'Daayaron ka Sankat', in the special issue on 'Bharat 2012' Outlook.
2012. 'Anglicisation of Hindi: The Official Perspective', Economic and Political Weekly, Vol. XLVII, No. 12.
2012. Hindi: A Language of Serious Discourse, in Journal of Language and Language Teaching, Vol. 1, No. 1.
- Raj, V.B., Singh, H., Nimal, A.T., Sharma, M.U., Tomar, M. and Gupta, V. 2012. 'Utilization of mass and elastic loading in oxide materials based SAW devices for the detection of mustard gas stimulant'. Advanced Materials Research, 488-489- 1558-1562.
- Shandilya, S., Tomar, M. and Gupta, V. 2012. 'Deposition of stress free c-axis oriented LiNbO₃ thin film grown on (002) ZnO coated Si Substrate'. Journal of Applied Physics, 111-102803.1-6.
- Shandilya, S., Sharma, A., Tomar, M. and Gupta, V. 2012. 'Optical properties of the c-axis oriented LiNbO₃ thin film'. Thin Solid Films, 520: 2142-46.
- Sharma, P. 2012. Propositional Knowledge: With Special Reference to Gettier Problem. Germany: Lambert Academic Publication.
- Sharma, A., Tomar, M. and Gupta, V. 2013. 'A low temperature operated NO₂ gas sensor based on TeO₂/SnO₂ p-n interface'. Sensors and Actuators, B 176- 875-83.
2013. WO₃ nanoclusters-SnO₂ film gas sensor heterostructure with enhanced response for NO₂. Sensors and Actuators, B 176: 675-84.
2012. 'Room temperature trace level detection of NO₂ gas using SnO₂ modified carbon nanotubes based sensor'. Journal of Materials Chemistry, 22: 23608-16.
2012. 'Effect of WO₃ catalyst nanoclusters towards NO₂ sensing characteristics of SnO₂ films'. Journal of Nanoscience Letters, 2-27.
2012. Improved response characteristics of SnO₂ film based NO₂ gas sensor with nanoscaled metal oxide catalysts. Proc. of 14th International meeting on Chemical sensors, Germany, May 2012. pp. 702-05. DOI 10.5162/IMCS2012/8.3.4
- Sinha, Raj Verma 2013. 5th revised edn of the Hindi Translation of Krishna Jain's A Textbook of Logic, New Delhi: D.K. Printworld.
- Tomar, M., Saha, S., Arora, K. and Gupta, V. 2012. 'Fe modified ZnO based mediator-less biosensor'. Chemical Sensors, 2- 8.1-6.
- Tyagi, M., Tomar, M. and Gupta, V. 2013. 'NiO Nanoparticle based Urea biosensor'. Biosensors and Bioelectronics. 41: 110-15.
2013. P-N junction of NiO thin film for photonic devices. IEEE Electron Device Letters, 34: 81-83.
2012. 'Influence of hole mobility on the response characteristics of p-type NiO thin film based glucose biosensor'. Analytica Chimica Acta, 725: 93-101.

2012. 'Optical properties of NiO thin films: A potential material for optoelectronic devices'. *Advanced Materials Research*, 488-489-103-108.

Yadav, P. 2012. 'India's changing trade pattern in the process of globalization', *Procedia - Social and Behavioral Sciences*, Volume 37, <http://www.sciencedirect.com>

2012. *Impact of Globalisation on India: An Analysis of International Trade and Capital Flows*, Germany: Lambert Academic Publishing.

MOTILAL NEHRU COLLEGE

Honours/Distinctions

Dr. Vipul Singh : Best Teacher Award 2012 for college lecturers, given by Chief Minister, Government of NCT Delhi.

Awarded Carson Fellow (2012-2013) Germany.

Dr. Kushalya (Kaushal Panwar): 'Ambedkar In India Samman 2012' in the contribution of Writing, Journalism, inhalation of Untouchables' given by Ambedkar in India magazine published by Kushinagar, U.P.

National Commission for woman, Govt. of India presented an award as an 'Outstanding Woman' on the occasion of International Woman Day, March 2013.

Dr. Krishan Kumar: Best teacher award 2013 for college teachers given by Chief Minister on behalf of Government of NCT Delhi.

Seminar/Conference held

Mr. Yogesh Kumar Gupta: Coordinator: National Seminar – Challenges to South Asian Region on 19-20 March 2013.

Seminars/Conferences attended

Mr. Nama Ashish Prem Singh: Participated in the Pre-Olympics Conference 'The (CSEMIS at Glasgow (Scotland) and presented paper on venue operations – Commonwealth Games 2010 – A Review, 19-24 July 2012.

Participated in the 9th International Seminar of Physical Education held at Verumaki, Finland, 29 July-3 August 2012.

Mr. Netrapal Singh: Presented a research paper titled 'Sporting Traditions Among Tribes and the Initiatives of Indian State in the Era of Globalization' in ICSEMIS 2012 held at Glasgow, U.K.. The IOC, IPC, FIMS and the International Council of Sport Science and Physical Education organized the International Convention, 19-24 July 2012.

Mr. Yogesh Kumar Gupta: Attended International Conference on 54th Annual Convention of ISA, at San Francisco, USA.

Dr. Suman Sharma: Presented a paper on 'Natural disasters in South Asia' at the Conference organized by SLIDA and NAPSIPAG, Colombo, Sri Lanka, 12-14 December 2012.

Presented a paper on 'Climate Change and South Asian response' at BISA/ISA Conference at Edinburgh, UK, 20-22 June 2012.

Dr. Kaushalya (Kaushal Panwar): 'Saankrit Stri Chintan Ke Paribhaashik Prashn' in WAVES- A Multidisciplinary Academic Society-Tax Exempt in the U.S. 10th International Conference, University of Massachusetts, USA, 13-15 July 2012.

'Situation of scheduled Castes (Suudras) in vedas' at Harvard University, Boston, MA, U.S.A. organized by Dr. Ambedkar International Mission Inc. USA. (AIM USA), 14 July 2012.

Moderated the session in WAVES -- A Multidisciplinary Academic Society-Tax Exempt in the U.S. 10th International Conference, University of Massachusetts, USA, 13-15 July 2012.

Dr. Anu Pandey: Presented a paper entitled 'How Business Preferences of Women Entrepreneurs Enable or Restrict Innovation – A study of Women Entrepreneurs in Delhi', at EURAM 2012 Conference at Rotterdam, The Netherlands, 6-8 June 2012.

Dr. Kaushlya: Presented paper on 'Language and Inequality: Dalit Language and Dalit Feminist Literature' in the International Conference on 'Literature and marginality: Comparative Perspectives in African American Australian and Indian Dalit Literature' organized by IGNOU School of Humanities, New Delhi, 20-22 February 2013.

Dr. Rambabu Pachwarya: Participated in the International Conference on ICICE in Ramjas College, Delhi University, 13-14 December 2012.

C.S. Devender Jarwal: Published a research article titled 'Role of Financial Market in the Economic Growth of India' in the prestigious souvenir of the 40th National Convention of Company Secretaries at Aamby Valley, City Ambavane, Distt. Pune, Maharashtra, 4-6 October 2012.

Dr. Pragati Mehra: Attended a National Seminar on FDI in India: Challenges and Response on 5-6 November 2012.

Dr. Seema Srivastava: Attended Conference on 'FAI in India: Response & Challenge', organized by Shaheed Bhagat Singh College on 5-6 November 2012.

Dr. Om Prakash Gusai: At Indian Institute of Advanced Study. Second Spell of Associateship has availed Shimla (H.P.), presented a paper in the seminar on 'Green Marketing: An Indian Perspective', 1-30 June 2012.

A paper entitled – 'Employer Branding Emerging Dimensions' has presented in the 65th All India Commerce Conference organized by University of Mumbai, November 2012.

A paper entitled 'Corporate Governance and Corporate Social Responsibility – The Paradigm of Management Evolution' has presented in the 35th All India Accounting Conference and International Seminar on Accounting Education and Research, jointly organized by Department of Business Management, Saurashtra University, Rajkot and Indian Accounting Association, Rajkot, 5-6 January 2013.

Participated in the UGC Sponsored National Seminar on FDI in India. Response and Challenge organized by Shaheed Bhagat Singh College, 5-6 November 2012.

Ms. Archana Khangwal: Presented paper on 'Corporate Social Responsibility in Social Enterprises' in 35th All India Accounting Conference and International Seminar on Accounting Education and Research, Rajkot, Gujarat, January 2013.

Publications

Books

Pawar, K. Sanhitaon Main Shudra, New Delhi: Vidhya Nidhi Prakashan Sansthan.

Praachin Bhartiye Samaj Main Shudra Avem Stri, New Delhi: Vidhya Nidhi Prakashan Sansthan.

Dharmshaastriya Shudra Vishayak Avadharana, New Delhi: Vidhya Nidhi Prakashan Sansthan.

Translation and Edited Books:

Shudrahnika (Kamlakar Bhatt) Translation and Edited by Dr. Kaushalya (Kaushal Panwar)
New Delhi: Vidhya Nidhi Prakashan Sansthan.

Research Articles

Sharma, S. 2013. 'Reaching the seventh millennium development goal (MDG) on environment sustainability' in MDGs and community initiatives in the Asia Pacific by Singh, Amita and Eduardo T Gonzalez (eds.), New Delhi: Springer, pp. 69-81.

2012. Environmental Issues and SAARC Initiative, World Focus, Vol. 387.

2012. 'Climate Change and Regional Cooperation in South Asia' in Strengthening SAARC (An ICWA Outreach Series Vol. 1 by Saurabh & Upreti, B.C. (ed.), New Delhi: Pentagon Press, pp. 147-68.

Singh, V. 2012. 'Environmental Migration as Planned Livelihood among the Rebaris of Western Rajasthan, India', Global Environment: A Journal of History and Natural and Social Sciences. No. 9, pp. 50-73.

MOTILAL NEHRU COLLEGE (EVENING)

Seminars/Conferences attended

Dr. Rajesh Kumar: Participated and presented a paper on 'Comparing Literatures of Margin: Dalit and Australian Aboriginal Autobiographies' at International Conference on 'Literature and Marginality: Comparative Perspective in African, American and Australian, Indian Dalit Literature' at IGNOU, 20-22 February 2013.

Participated and presented a paper on 'Exploring the philosophy of the Marginalization of Dalit Voice in Indian Discursive Discourse' in the National Seminar on Sociology of Dalit Literature in Dyal Singh College, 18-19 February 2013.

Dr. Hema Dahiya: Presented a paper 'Shakespear's Cleopatra: Historical or Romantic,' at the International Seminar on 'Women in Shakespeare: A Post-Feminist Review,' organized by Mahavir Varadhman Open University, Kota in collaboration with the Shakespeare Association, 6-8 October 2012.

Dr. Pradip Sharan: Attended the Tenth Asia TEFL International Conference on the topic of 'In-Service and Pre-Service training of teachers of English in India – A challenge' organized by TEFSOL, India at Kempinski, Gurgaon.

Dr. Vidya Shanker Singh: Participated and presented a paper on 'Badalte Samajik Parivesh mein Mahila Sashaktikaran' National Conference organized by Budelkhand University, Jhansi, 8-9 February 2013.

Dr. Ashwani Kumar: Participated and presented a paper on 'Web Media aur Hindi ka Vyasvik Paridrishya' International Conference sponsored by UGC organized by K.M. Agarwal University, Kalyan, Mumbai, 11-12 January 2013.

Publications

Research Articles

Kumar, R. 2012. Published article 'A search for 'Aboriginal Identity' in Sally Morgan's My Place' in *Literaria: An International Journal of New Literature across the World* (Special Issue on Literatures of Margin). New Delhi: Bahri Publication. Vol. 2, No. 1.

Published article 'Comparing Marginality/subalternity: Dalit and Australian Aboriginal Autobiographies'. In *The Journal of the School of Language, Literature & Culture Studies, JNU*.

Dahiya, H. Published article 'The Subalterns and the state in The Tragedy of Coriolanus,' was published in the book entitled *Subalterns in Shakespeare A Postcolonial Review*, edited by Dr. Anand Prakesh published by The Shakespeare Association.

MAHARAJA AGRASEN COLLEGE

Seminars/Conferences held

International Conference on 'Gender Relations in Developing Societies: A 21st Century Perspective' was organized by the Department of Political Science on 30-31 October 2012.

International Conference on 'De-territorializing Diversities: Cultures, Literatures and Languages of the Indigenous', organized by the Maharaja Agrasen College, in collaboration with the IGNCU, University of Delhi and FORTELL on 6-7 February 2013.

National Conference on 'Freedom of Expression: Ethical Parameters & Market Forces in Media Industry' sponsored by the ICSSR and the University of Delhi, 8-9 March 2013.

Seminars/Conferences attended

Dr. Anju Aggarwal: Convenor International Conference on 'Gender Relations in Developing Societies: A 21st Century Perspective'. UGC and ICSSR sponsored the Conference, on 19-20 March 2013.

Mona Sinha: Presented paper 'Reality Television in India and Emerging Narratives of the Contemporary Indian Woman' at the First Global Conference on 'Storytelling: Global Reflections on Narrative', Prague, May 2012.

Chaired a session on 'Myths and Legends: Past, Present and Future' at Global Conference on 'Storytelling: Global Reflections on Narrative', Prague, Czech Republic, May 2012.

Praveen Kumar: Presented paper 'Globalisation Boon or Bane' at International Conference at Skyline University College, Sharjah University, 5-7 February 2013.

Prem Kumari Srivastava: Presented paper 'Leslie A Fiedler: Re-bordering the American Canon (A Post-colonial Perspective)' at USACLALS and MELUS Conference, Santa Clara University, San Francisco, California, 19-22 April 2012.

Presented paper 'Memory and Consciousness in Literature (Special reference to Douglass' Narrative of the life of Frederick Douglass and Toni Morrison's Beloved)' at the 20th International Conference on TSC-2013, University of Arizona, US and Centre for Consciousness Studies, DEI, Agra, 3-9 March 2013.

Riteish Verma: Presented paper 'Macroeconomic variables and their impact on stock market in India' at International Conference by Skyline University College, Sharjah University, 5-8 February 2013.

Abha Mittal: Presented paper and chaired technical session at Conference organised by Indian Economic Association, Vishakhapatnam.

Abha Sharma: Presented paper 'Role of Language Teachers in Higher Education' at International Education Conference on Reforms in Examination and Evaluation and its Impact on Quality Education by Faculty of Education, RBS College, Agra and ISEL, Chennai, 20-21 January 2013.

Presented paper 'Bhoomandalikaran ke Daur men Sahitya aur Jeevan Moolya' at National Seminar on Value Education organized by the Department of Education, Samrat Prithviraj Chauhan Degree College, Baghpat, Ch. Charan Singh University, Meerut, 15 April 2012.

Presented paper 'Significance of Quality Education in the Era of Globalization' at National Seminar on 'Emerging perspectives: A Gateway to Innovations', 15 March 2013.

Amit Pundir: Presented paper 'Stimulating Innovation and Creativity: A Case Study of Maharaja Agrasen College'. Academic Congress, University of Delhi, 6-7 September 2012.

Anju Aggarwal: Presented paper 'Democratic Decentralization and Women in India' at International Conference by KILA, Thrissur, December 2012.

Presented paper 'Women in Africa: A 21st Century Political Perspective' at International Conference, Maharaja Agrasen College, Delhi, March 2013.

Charu Arya: Presented paper 'Joothan' in Translation: Dalits Impart in Global Concourse' at International Conference on 'Language, Literature and Culture', Institute of Advanced Studies in English, Pune, 10-12 December 2012.

Presented paper 'Phantasm of Vigorous Women Portrayal in the Songs of Kumaun' at International Conference on 'De-Territorializing Diversities: Cultures, Literatures and Languages' of the Indigenous, Maharaja Agrasen College, Delhi, 6-7 February 2013.

Presented paper 'Dalit Liberation and History of Subjugation in Uttarakhand' at National Seminar on 'Sociology of Dalit Literature', Dyal Singh College, 19-20 February 2013.

Debosmita Paul: Presented paper 'The Swadeshi Movement (1905) and the Spirit of Nationalism: An analysis through Select Folk Songs from Bengal' at National Seminar on 'Folklore: Endangered Languages and Cultures', Central of Indian Languages, Mysore, 17-19 December 2012.

Presented paper 'Thakurmar Jhuli and the Swadeshi Movement: Analysing the Swadeshi Movement through the 'Indigenous' Literature of the Bengalis' at International Conference on 'De-Territorialising Diversities: Cultures, Literatures and Languages of the Indigenous', Maharaja Agrasen College, Delhi, 6-7 February 2013.

Deepali Khanna: Presented paper 'Growth, Employment and Human Development Linkages: A Study of Selected States of India' at '54th Labour Economics Conference' of The Indian Society of Labour Economics, BHU.

Presented paper 'Socio Economic Conflicts in South Asian Region with special reference to India and Pakistan' at International Seminar on 'Impact of Peace, Conflict, and Disturbances on Economic Development Processes', University of Kashmir.

Gitanjali Chawla, Mukti Sanyal, Prem Kumari Srivastava and Ruchi Kaushik: 'Are you listening? Innovative Listening Texts and Practices in the Indian Context'. Workshop conducted at The 10th Asia TEFL International Conference on 'Expanding Horizons of Language and Communication: ELT. Issues, Challenges and Implications', Gurgaon, 4-6 October 2012.

Gitanjali Chawla: 'From 'Assertive Voices' to 'Mute Objects': The silencing of the female voice in the neo pop folksongs of Punjab, India' at the 36th Indian Folklore Congress on 'Folklore: Discourse of the Indigenous People and the Marginalized' held at CIIL, Mysore, 17-19 December 2012.

Maneesha: Presented paper 'Stimulating Innovation and Creativity: A case study of Maharaja Agrasen College' at Academic Congress, University of Delhi, 6-7 September 2012.

Manish Sharma: Presented paper 'Primordial Newness or New Primordality: On the Impossibility and Perpetual Possibility of Newness in Philosophy' at International Colloquium on Daya Krishna, organized by the Centre for Philosophy and Centre for Advanced Studies in Civilizations, JNU, 18 September 2012.

Discussant in an International Symposium on Schopenhauer, ICPR-Max Mueller Bhavan/Goethe Institute-Indian Division of Schopenhauer Society sponsored event at Deshbandhu College, 18 September 2012.

Neetu Bala: Presented paper 'A dimension-specific measurement of life insurance service quality using SERVQUAL instrument: An application of Confirmatory Factor Analysis' at the International Conference on 'Marketing in Emerging Economies: An Agenda for the Next Decade' organized jointly by PTU, India and The UNC, USA, 15-16 December 2012.

Praveen Kant Pandey: Presented paper 'Stimulating Innovation and Creativity: A case study of Maharaja Agrasen College' at the Academic Congress, University of Delhi, 6-7 September 2012.

Preeti Goyal: Presented paper 'Economic Perspective of Sports Injuries' at the International Conference organised by Sports Council of University of Delhi.

Shashi Singh: Presented paper 'Subhadrakumari Chauhan aur Rashtriya' at National Seminar at Vishwa Yuvak Kendra, Delhi.

Vinod Kumar Verma: Presented paper 'The Problem of Entrance and Exit: Dalit Literature in Indian Academia' at National Conference on 'Hindi Dalit Writings' organized by Satyawati College, 2012.

Presented paper 'The Sociology of Dalit Literature: Key Concepts' at the National Conference on 'Sociology of Dalit Literature' organized by Dyal Singh College.

Presented paper 'A Socio-Cultural Reading of Dalit Childhood in Omprakash Valmiki's Joothan' at International Conference on 'De-Territorializing Diversities: Cultures, Literatures and Languages of the Indigenous', Maharaja Agrasen College.

Publications

Books

Khanna, D. 2013. Human Development – Theory and Practice, New Delhi: Academic Excellence.

2013. Valuing Women's Work for Human Development In India, Germany: LAP Lambert Academic Publishing.

Yadav, R.K. Bhasha ke Prayogavamyavhar, UP: K L Pachouri Prakashan.

Sahitya Chintan Bodh, New Delhi: Mansarover Prakashan.

Sahitya ke Roop, UP: K L Pachouri Prakashan.

Adhunik Kavita, New Delhi: Satish Book Depot.

Yadav, R.K. (ed.), Nildevi, New Delhi: Satish Book Depot.

Verma, R. 'Corporate Governance Practices in Indian Companies' in Global Economic Slowdown: Opportunities and Challenges, ISBN: 978-81-8457-364-0, New Delhi: Kanishka Publishers.

Singh, S. 2012. Sahitya Ke Roop.

2013. Bhasha Vigyan.

Research Articles

Aggarwal, A. 2013. 'Wangari Mutha Mathai: A Nobel Laureate Kenyan Environmentalist', Indian Journal of African Studies.

2013. 'Samkalin Bharatiya Mahila Andolan' in Aaj ka Bharat; Rajneeti aur Samaj, Orient Blackswan.

- Chhikara, A. 'Application of Object Oriented Metrics to Java and C Sharp: Comparative Study', *International Journal of Computer Applications*.
- 'Analyzing the Complexity of Java Programs using Object-Oriented Software Metrics', *International Journal of Computer Science Issues*.
- Khanna, D. 2012. 'Growth, Employment and Human Development Linkages: A Study of Selected States in India', *Global Education Society and Development*, 4: 2.
2012. 'Microfinance to the Tribal People in India', *International Journal of Management and Social Sciences (IJMSS)*, Vol. 1: 2.
- Chawla, G. 2012. 'From Saada Punjab to Pind Mera California, Bohemia: A Critical Analysis of Pop Folk', *Journal of Indian Folkloristics*, XIII:½ .
- Chawla, G. and Srivastava, P.K. 2013. 'To Teach Literature is to Teach Language: In conversation with Prof. Jonathan Gil Harris', *FORTELL*, 26.
2013. 'Pedagogical Alignments between Literature and Language: In conversation with Professor Jonathan Gil Harris' *FORTELL*, 26.
- Kumar, K. 2012. 'Language is Worth a Thousand Pounds' *FORTELL Special Issue on 'Using Literature for Developing Language Skills'*, 25.
- Sinha, M. 2012. 'Poetic Encounters of the Classroom Kind', *Essential Readings for the Teachers of English*, Orient BlackSwan.
- Singh, O. 2012. 'Most commonly used techniques in data mining', *International Journal of Advances in Engineering Research (IJAER)*, 4: 3.
- Srivastava, P.K. 2013. 'Glimpses of Bhakti and Sufi Consciousness in Radhasoami Faith' in *Spiritual Consciousness*. (eds) Sriramamurti, Prashant and Mohan, New Delhi: New Age Books, 231-46.
2012. 'An Indian Encounter: An interview with Jeannette Armstrong', *Studies in Canadian Literature*. 37: 1, 232-243.
2013. 'Haunt', *Muse India – the literary e-journal*, 47. <http://www.museindia.com/viewarticle.asp?myr=2013&issid=47&id=3936>.
2013. 'Seamstress', *Muse India – the literary e-journal*, 47 <http://www.museindia.com/viewarticle.asp?myr=2013&issid=47&id=3936>.
2013. 'Warrior of the Night', *Muse India – the literary e-journal*, 47 <http://www.museindia.com/viewarticle.asp?myr=2013&issid=47&id=3936>.
2012. 'Oh! Kashmir', *Muse India --the literary e-journal*, 45, <http://www.museindia.com/featurecontent.asp?issid=45&id=3621>.
- Srivastava, P.K. 2012. 'The Fifth' *Contemporary Literary Review India (CLRI)*, (July 2012), <http://www.contemporaryliteraryreviewindia.com/2012/07/clri-july-2012.html>

Goyal, P. 'Growth of Tourism and Employment opportunities in India', Journal of Indian Economic Association.

Verma, R. 2012. 'Corporate Social Responsibility – A Study of DMRC', Review of Research.

Verma, V.K. 2012. Trans. 'The Third Bank of the River' by Joao Guimaraes Rosa, Maghar.

Trans. 'Blackout' by Roger Mais, Maghar, May 2012.

MAHARSHI VALMIKI COLLEGE OF EDUCATION

Seminars/Conferences attended

Dr. Kailash Goel: Development and Peace: Indian Diaspora, 3rd International Conference, Constitution Club of India, Delhi, 10 January 2013.

Presented paper 'Hindi Cine Geeton main Bhasha ke Badalte Tewar: Samajik-Sanskritk Mullayon Ka Sankat', National Seminar, Bhagini Nivedita College, University of Delhi, 22-23 March 2013.

Publications

Research Article

Goel, K. 'Revamping Teacher Education: Curriculum in the Context of inclusive Education'. Journal of Indian Research, Vol. 1, No.1: 111-117.

Dubey, R. 2012. Ek Aadhyapak ka Safarnama, New Delhi: National Book Trust.

Gupta, V. 2012. (Co-Author) Teaching of Science: A Modern Approach, New Delhi: Shipra Publication.

MAITREYI COLLEGE

Honours/Distinctions

Dr. Rama Sisodia: Joined as Fellow in the Botany Special Project.

Seminars/Conferences attended

Dr. Mala Kapur Shankardass: Presented papers 'Elder Law in India' and 'Women's Rights Need Protection from Life Course Perspective in Asia' at the International Federation on Ageing 11th Global Conference on Ageing, Prague, Czech Republic, 28 May–1 June 2012.

Delivered key note address on 'Human Rights of Older Persons in India' at the 12th National Conference of All India Senior Citizens Confederation at Thiruvananthapuram, Kerala, 2-3 November 2012.

Chaired the Session on Intergenerational Bonding at the 2nd International Conference on Gerontology and Geriatric Medicine at AIIMS, New Delhi, 2012.

Delivered Inaugural Address at 57th Annual Conference of Bharat Pensioners Samaj, New Delhi, 12 October 2012.

Chaired the Session on Country Perspectives on the Right to Health and Well Being at the International Conference on 'Human Rights of Older Persons in Asia-Pacific Region' at Kerala, 4-6 June 2012.

Presented paper 'The Right to be Safe & Protected Against Violence and Abuse', at International Conference on 'Human Rights of Older Persons in Asia-Pacific Region Focus on health and well being' at Thiruvananthapuram, 4-6 June 2012.

Organized and Moderated National Conference on Ensuring Work-Family Balance with United Nations Information Centre to mark UN International Day of Families, 14 May 2012.

Mrs. Manju Bhardwaj: Participated in the International Conference on BDA – 2012, organised by University of Delhi co-sponsored by ACM Delhi NCR Chapter.

Dr. Pradeep Rai, Librarian: Attended the 58th ILA International Conference on Next Generation Libraries at Karnataka University, Dharwad.

Publications

Datta, S. 2013. Skill-enhancement through International collaboration. Accepted for presentation in the Going Global, the International education Conference, held at Dubai.

Gupta, A., Dhaka, S.K., Panwar, V., Bhatnagar, R., Kumar, V., Datta, S.M. and Dash, S.K. 2013. 'AIRS observations of seasonal variability in meridional temperature gradient over Indian region at 100 hPa'. Journal of Earth System Science. 122, No. 1: 201-213.

Thukral, A., Datta, S.M., Banati, H. and Bedi, P. 2012. Informal eLearning using Multi Agent Systems. Published in the 12th International Conference on Intelligent Systems Design and Applications (ISDA), Kochi, pp. 213-17.

Sharma, R., Datta, S.M., Banati, H. and Bedi, P. 2012. An Opinion-based Framework for Designing Socially Aware e-Learning Systems. Published in the 12th International Conference on Intelligent Systems Design and Applications (ISDA), Kochi, pp. 431-36.

NEHRU HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

Seminars/Conferences attended

Dr. Neeraj Gupta: Participated in National Level Seminar organized by HMAI (Homoeopathic Medical Association of India), Kolkata, 21-23 December 2012 and presented a paper on 'Study of leaching properties of Plastic vials used in storing and Dispensing of Homoeopathic Medicines: A Preliminarily study' as a Resources Person.

Publications

Research Articles

Gupta, N. 'Our view of Current status of Homoeopathy and the need to Achieve, Homoeopathic Heritage, August 2012 issue.

Pathak, Gupta and Saxena. Published an article on 'Evolution of the Officially of Homoeopathic Medicines in Analmic Disorder Publication in Asian Journal of Homeopathy, Vol. 7, No. 1(22) pp. 42-53.

Jethani, B. and Jethani, A. 2012. 'Clinical Confirmation of lesser known indications of well known remedies of our Materia Medica'. The Homoeopathic Heritage, 5: 15-9.

'Allopathic Drug Reaction as an Avenue of Homoeopathic Prescribing'. The Homoeopathic Heritage, 12: 22-4.

Jethani, B. and Shukla, D. 2012. 'Clinical Research: A study to evaluate the efficacy of Homoeopathy in the management of Primary Osteo-arthritis of knee joint'. The Homoeopathic Heritage, 9: 33-6.

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

Seminars/Conferences attended

S. Chand and H. Om: Timely delivery of video data in staircase scheme, National Conference on Communications.

S. Iyer and S.P. Singh: A novel hybrid node architecture for reducing time delay in Wavelength Division Multiplexed translucent network, National Conference on Communications.

P.G.D.A.V. COLLEGE

Honours/Distinctions

Dr. Manoj Kumar Sinha: Awarded Ph.D. degree by the University of Delhi.

Seminars/Conference attended

Sunil Kumar: Presented paper on 'Study of Consumer Satisfaction of Commercial Bank, A case of Central Bank of India in Delhi' by on line in 2nd International Conference on advances in management and Economics at Dubai (UAE), 2 February-March 2013.

Bhanu Murthy, K.V. and Phool Chand: 'Growth and Instability in India's Current Account Balance: A Policy Period Analysis'. International Conference, IIFT, Kolkata, 9-11 January 2013.

'Growth and Instability in India's Current Account Balance: A Policy Period Analysis'. Sixth National Conference on Capital Market, IBS Gurgaon, 11-12 February 2013.

Manoj Sinha: Presented paper on 'Global Inward Foreign Direct Investment and Economic Development' in 7th National Conference of Indian Capital Market: Emerging Issues' at Gurgaon, 11-12 February 2013.

Presented paper on 'Global Inward Foreign Direct Investment and Economic Development' in 3rd International Conference MSED.

Renu Jounwal: Presented paper on MSED' in 3rd International Conference on 'Corporate Social Responsibility: Efforts Towards Environmental Consciousness in India'.

Shashi Nanda: Presented paper on 'Brand Management: Opportunities and Challenges Faced in Establishing a Brand in Indian Market' & 'Channels of Distribution and Retailing Mix Trends in Indian Retail Sector,' International Journal of Business Management and Social Sciences. In ICACEMT 2013.

Dr. Vandana Aggarwal: Presented paper on 'Translations Now: A continuous Redefining of the Relationship between East and West' in International Conference on 'Revisiting Shakespeare in Indian Literature and Culture'.

Manoj Sinha: Presented paper on 'Trends in Outward Foreign Direct Investment in Developing Countries with Speical Reference to BRICS Countries' in National Seminar 'Foreign Direct Investment: Response and Challenge' on 5-6 November 2012.

Publications

Books

Kumar, S. 2013. 'Research Skills of Management Studies'. Delhi: A.K. Publication.

Kain, M.K. 2012. Sahityakaar Mohan Rakesh, Delhi: Sri Natraj Publication.

Research Articles

Bhanu Murthy, K.V. Sinha, Phool Chand and Ashis Taru Deb 2013. 'Company Bill and Corporate Governance in India: Quo Vadis?.'

2013. 'Performance of MSMS Sector in India: A Policy Period Analysis'.

Kumar, S. 2012. 'De-marketing of Petrol In India' (With special reference to Delhi and NCR). Asian Journal of Research in Business Economics and Management.

2012. 'Empirical Study of Customer', Perception and Satisfaction of on line Banking service in NCR--A case of ICICI Bank'. Educator FIMT Journal.

2012. 'Study of customer Perception and Satisfaction towards Home Loans of ICICI Bank--A case of NCR', AMP Journal of Management.

2012. 'Service Quality as a tool of Customer loyalty in Banking Industry: A case of NCR' Study of customer Perception and Satisfaction towards Home Loans of ICICI Bank- A case of NCR', Kashi International Journal of Social Science Research.

2013. 'Study of Customer Satisfaction of Commercial Bank a Case of Central Bank of India in Delhi' Intensity International Journal of Applied Social Science Research.

Nanda, S. 2013. 'Brand Management: Opportunities and Challenges Faced in Establishing a Brand in Indian Market' & 'Channels of Distribution and Retailing Mix Trends in Indian Retail Sector,' International Journal of Business Management and Social Sciences.

P.G.D.A.V. COLLEGE (EVENING)

Seminars/Conferences attended

Shruti: Presented a paper 'Gender Disparity and Elementary Education, a study of Delhi past and present' Participated in an International Conference on 'Gender Relations in Developing Societies: A 21st century perspective in Maharaja Agrasen College, 30-31 October 2012.

Presented paper on 'Gender and Local Governance-A critical appraisal'. Participated in National Seminar on Politics, leadership and democracy in India organized by Kirori Mal College, 11-12 March 2013.

Avnesh Kumar Gupta: International Seminar on Poverty in Developing Countries Challenges and Policy Options', organized by Kurukshetra University in collaboration with the George Washington University, 19-20 October 2012.

Participated in International Conference on Rural Development and Planning- India's Rural Economy in Transition organized by CORDIA Group of Educational Institutes, in Sanghol, Punjab, 17-18 December 2012.

Attended the International Conference and workshop on Sustainable Development and Governance: Building Commerce and Communities organized by Deakin University, Australia in association with Amrita Vishwa Vidyapeetham University, 2-14 December 2012.

Participated in 54th Annual Conference of Indian Society of Labour Economics organized by BHU, 20-22 December 2012.

Participated International Conference on Leadership in Business and Management for Sustainable Global Economy organized by Krishi Sanskriti at IIT, New Delhi, 3-4 November 2012.

Participated in 95th Annual Conference of Indian Economic Association as delegate. The Conference at GITAM University, Visakapatanam, 27-29 December 2012.

Publications

Shruti VIP. 2012. Contributed a chapter 'Japan mein sainyavad' in Beesvin shatabdi mein vishwa itihass ke pramukhh mudde (ed.) Deshpande, A. Hindi Madhyam Karyanvaya nideshalaya, Delhi University.

2012. Contributed a chapter 'Samyavaadi Vikalp' in Bharat mein upniveshavad aur rashtravad, (ed.) Rai, H. Hindi madhyam karyanvaya nideshalaya, Delhi University.

Book Reviews

Ommen, T.K. (ed.). Social movements II, concerns of Equity and security, Oxford in India readings in sociology and social Anthropology, New Delhi: Oxford University Press, Hardback, 376 pages, ISBN10: 018063288, Published in the Journal Educational Quest, Vol. 1, No.1.

Jean Spence, Sarah Aiston and Maureen M. Meikle, (eds). Women, Education, and Agency, 1600-2000, New York: Routledge, pp. 296, Published in History and Sociology of South Asia, 6, 2 (2012): 147-63.

PANDIT DEENDAYAL UPADHYAYA INSTITUTE FOR
THE PHYSICALLY HANDICAPPED

Seminars/Conferences held

Oncology Conference at Tata Memorial, Mumbai in July 2012.

100th Session of Indian Science Congress at Kolkata in January 2013.

CP Conference at Lucknow, U.P. in March 2013.

Publications

Research Articles

An Indian Journal of Paediatrics on Neurofacilitation of Developmental Reaction Approach practice framework for Integration/Modification of Early Motor Behavior (Primitive Reflexes) in Cerebral Palsy.

Batra, M. 2012. Multidisciplinary VM Weight Distribution Analysis System: A diagnostic & Evaluative tool for altered weight distribution.

2012. 'Occupational Therapy through Metagym & Neurolbics Improves Quality of life' published by Kamal Narayan Arya, Sr. Occupational Therapist September 2012. Relation between synergistic movement components in stroke published by Smt. Shanta Pandian, Supdt. (OT) (OPD).

RAM LAL ANAND COLLEGE

Seminars/Conferences attended

Dr. Vijay Sharma: Chaired two sessions including the Valedictory session of an International Conference held at SMDVDU, Katra on 'Myth and Folklore' in 2012.

Presented a paper in the International Seminar on 'Gender, Diversity and Cultural Pluralism: Canada and India' organized by the Centre for Canadian Studies, with the support from DFAIT, Canada, 2012.

Dr. Triranjjan Raj: Presented a paper on 'Composite Culture in India' in a UGC National Seminar on 'State Politics in India' organized by Raghunath Girls (PG) College, Meerut, 8 November 2012.

Attended National Seminar on 'Human Rights' sponsored by National Human Rights Commission and organized by Chaudhary Charan Singh University, Meerut, 15 December 2012.

Presented paper on 'RTI Act- An Essential Pre-requisite for Human Right Protection' in two day UGC sponsored National Seminar on 'Human Rights Education' organized by DAV PG College, Bulandshahar, 11-12 February 2013.

Presented a paper on 'Discourse on Differentiated Rights: Feminism and Multiculturalism' in a two day UGC sponsored International Conference on 'Gender Equity: Issues of Theory, Practice and Policy in the Asia Pacific Region' organized by UGC-Academic Staff College, Kumaun University, 21-22 March 2013.

Publications

Research Articles

Sharma, V. 2012. A review article on 'Shakespeare: The Universal Icon' in 'Illuminati: The Translational Journal of Literature, Language and Culture Studies', Vol. 3, pp. 175-77, ISSN No. 2229-4341.

Raj, T. 2012. Published an article 'From Food Governance to Clean Governance', in 'Good Governance and Politics' An Indian Experience' edited by G. Gopal Reddy, Research India Press, ISBN-10:8189131559, ISBN-13:978-8189131555.

2012. Published an article 'Cultural Recognition in the Era of Globalization', published in 'The Indian Journal of Political Science, Vol. LXXI, No. 3, ISSN No. 0019-5510.

RAM LAL ANAND COLLEGE (EVENING)

Appointment of faculty members to higher Posts/Assignments

Dr. Dev Prakash Mishra: Appointed Professor (Hindi), Guru Ghasidas Vishhwavidyalaya, Bilaspur, Chhatisgarh.

Honours/Distinctions

Dr. Harish S. Wankhede: The UGC has awarded Raman Post-Doctoral to study in Stanford University, California, USA.

Seminars/Conferences attended

Dr. Kartikeya Kohli: Presented a paper entitled 'Land, Missionaries & Trade in Portuguese South East Africa' in the prestigious Indo-Portuguese International Conference, February 2013.

Dr. Surajit Deb: Presented a paper titled 'Has the Inflation and Growth Process Resulted the Domestic Terms of Trade in favour of Agriculture or Industry? Evidence from Cross Country Analysis', at 32nd Annual Conference of 'International Association for Research in Income and Wealth', Boston, USA, 5-11 August 2012.

Dr. Devender Singh: Presented a paper in the International Leadership Conference on Good Governance and Inter-religious Cooperation for Lasting Peace held at Songkhala, Thailand in collaboration with UNESCO and Thai Government, 5-7 October 2012.

Presented a paper in International Conference on Literature and Marginality: Comparative Perspectives in African, American, Australian and Indian Dalit Literature titled as Presentation and Language of Marginality at IGNOU, New Delhi, 20-22 February 2013.

Dr. Rajendra Dayal: Presented a paper titled 'The Contemporary Crisis of Political Leadership in India' at a National Seminar organized by Kirori Mal College, March 2013.

Dr. Satish Kumar Jha: Presented a paper titled 'Democratic Deficit and its Discontents: Paradox of Alternative Politics in India' in a National Seminar organized by GND University, Amritsar on Dissent, Protest and Governance on 16-17 November 2012.

Dr. Harish S. Wankhede: Presented a paper on 'Muslims and the Quest for Substantive Justice' National Seminar on 'Mainstreaming Minorities' organized by Zakir Hussain College, 15-16 February 2013.

Dr. J.K. Singh: Nominated as Vice-Chairperson for the first technical session of 12th International Conference on Global Contemporary Issues, Innovation and Future Challenges in business, IT & Management at Jaipur, 5 January 2013.

Dr. Devender Singh: Co-chaired a session in National Seminar on Ambedkar held at Kurukshetra University, Kurukshetra, 6 December 2012.

Chaired a plenary session in International Conference on Literature and Marginality: Comparative Perspective in African, American, Australian and Indian Dalit Literature at IGNOU, 22-23 February 2013.

Publications

Kohli, K. 2012. Published a paper entitled Falsifying Gold: Trade in Seventeenth Century South East Africa in Anthology entitled European Challenges in the Indian Ocean: 1500-1800 published by the New University of Lisbon.

Tanwar, D.S. 'Good Governance and Inter-religious Cooperation for Lasting Peace' Presented paper at International Leadership Conference for UNESCO and Thai Government, Songkhala, Thailand, 5-7 October 2012.

Presented paper 'Presentation and Language of Marginality' at International Conference for the IGNOU, New Delhi, 20-22 February 2013.

Verma, R. Presented paper 'Representation of Women, Caste and Race in Indian Literature' at the International Conference for the IGNOU, New Delhi, 22-22 February 2013.

Dayal, R. Presented paper 'Contemporary Crisis of Political Leadership in India' at the National Seminar of Kirori Mal College, New Delhi, March 2013.

Sinha, M. (ed.). 2013. Indian Politics in Comparative Perspective, New Delhi: Pearson.

Sinha, M. Presented paper 'Alternative Strategy of Development: Lohia and Gandhi' at the Conference for National Law University, Lucknow, 22-23 March 2013.

Baghel, I. Presented paper 'Social Discrimination in Higher Education and Research in India: Issues and Challenges' at the National Seminar for Indian Institute of Public Administration, New Delhi, 22-23 March 2013.

Jha, S. Presented paper 'Democratic Deficit and its Discontents: Paradox of Alternative Politics in India' at the National Seminar GND University, Amritsar, 16-17 November 2012.

Wankhede, H. 2013. 'Understanding the Dalits' Critics of Anna Hazare's Movement in Moments', In Democracy: Anna Hazare Movement and Beyond, edited by Mahendra Nath Thakur and Dhananjay Rai, New Delhi: Aakar Publications.

'Ambedkar, NCERT Text Books and Protest', Economic and Political Weekly, 2-9 June 2012.

- 'Dalit Politics in Maharashtra', Economic and Political Weekly, 21-28 April 2012.
- 'Ambedkar and Economic Justice', Mainstream 18(2012).
- Presented paper 'From Babri to Barabari: The New Muslim Caste Politics in India' at the National Seminar, Mumbai University, 11-12 March 2013.
- 'Caste, Discrimination and Modern Urban Economy'. Review off the Caste in a Different Mould: Understanding the Discrimination, by Shukla, R., Jain, S. and Kakkar, P. The Book Review, 4 April 2012.
- 'In the Name of Ambedkar', Indian Express, 18 May 2012.
- 'The Third Day's Dawn', Outlook, 20 August 2012.
- 'The Half-Baked New Wave of Bollywood', www.gomolo.com, 5 July 2012.
- 'Greatest Indian Debate: Gandhi versus Ambedkar', www.roundtable.co.in, 26 June 2012.
- Presented paper 'Muslims and the Quest for Substantive Justice' at the National Seminar for the Political Science Department, Zakir Hussain College, University of Delhi, 15-16 February 2013.
- Kumar, N., Budhiraja, M. and Saha, M. 2012. 'The 0-1 test applied to Peter-de-Jong map', International Journal of Engineering and Innovative Technology, 2(6).
- Singh, Y. Presented paper 'Promotional Resource Allocation for a Product Incorporation Segment Specific and Spectrum effect of Promotion' at the International Conference for Indian Institute of Technology Management, Gwalior, 14-16 December 2012.
- Presented paper 'Optimal Duration and Control of Promotional Campaign for Durable Technology Product' at the Conference for IEEE, Hong Kong, 10-13 December 2012.
- Deb, S. 'Has the Inflation and Growth Process Resulted the Domestic terms of Trade in Favour of Agriculture or Industry? Evidence from Cross country Analysis' presented paper at the annual Conference for International Association for Research in Income and Wealth, Boston, 5-11 August 2012.
- Kohli, K. Presented paper 'Land Missionaries & Trade in Portuguese South East Africa' at the Indo-Portuguese Conference, February 2013.
2012. 'Falsifying Gold: Trade in Seventeenth Century South East Africa in Anthology' In European Challenges in the Indian Ocean: 1500-1800 Lisbon: University of Lisbon.
- Alam, M. 2012. 'Poverty Eradication Through Micro Finance in India', Nav Arthiki, 20(1).
- Presented paper 'Challenges of Indian agriculture: Issues and Options' at the National Conference, Agra College, Agra.
- Presented paper 'Empowering Growth through Corporate Governance and Stability Measures' at the National Conference for SGGGS College.

Singh, J.K. Presented paper 'Venture Capital Financing: A catalyst for Promoting Financial Inclusion and Growth of Small and Medium Enterprises in India' at the International Conference on Global Contemporary Issues, Innovations & Future Challenges in Business, Jaipur, 5 January 2013.

RAMJAS COLLEGE

Major Activities

A Webinar on Scientific Writing and publishing was organized by Larry S. McDaniel, Ph.D.; Professor of Microbiology; University of Mississippi Medical Center; 2500 North State Street Jackson, MS 39216 USA on 7th August 2012 under American Society of Microbiology awareness programme with a support from the DBT under Star College Project. In this webinar, many students of science departments of the College participated.

Seminars/Conferences held

International Seminar on History of Mathematics was organized by Ramjas College, University of Delhi organized jointly with the Indian Society for History of Mathematics (ISHM) and Co-sponsored by the International Commission on the History of Mathematics (ICHM).

RAMANUJAN COLLEGE

Seminars/Conferences attended

Dr. Rajendra Prasad: Presented a paper on 'FDI in Retailing in India' in National Seminar organized by Shaheed Bhagat Singh College.

Presented a paper on 'Building Pillars of Sustainable Development' in International Seminar organized by Shaheed Bhagat Singh College.

Dr. Moola Ram: Presented a paper on 'Dalit/Black Autobiography as Testimony: Sharan Kumar Limbale s The Outcaste and Richard Wright s Black Boy' in International Conference organized by IGNOU.

Dr. Hemlata: Presented a paper on 'Dalit Sahitya ki Prasangikata' in International Seminar organized Centre for Dalit Literature and Art.

Attended a National Conference on 'Dalit Art and Imagery' organized by IIDS, Jawaharlal Nehru University and Oxford Press.

Publications

Books

Maheshwari, R.P. Financial Accounting,

Marketing Management – Theory & Practice,

Business Organization & Management.

Edited Books

Gautam, B.S. 'Perspectives in Comparative Political Theory', Directorate of Hindi Medium Implementation, Delhi University.

'Political theory Concepts and Debates', Directorate of Hindi Medium Implementation, Delhi University.

RAJDHANI COLLEGE

Honours/Distinctions

Dr. Vijay Laxmi Pandit: Honoured with Shri Swami Sachidanandji Yogi and Dr. Narayan Memorial award by Shrimadyanand Vedarsh Mahavidyalaya, December 2012.

Seminars/Conferences attended

Dr. Daya Shankar: National Seminar with Tiwari Lecturer series on Sanskrit & Science, 18-19 March 2013.

Sh. Sunil Babu: Presented a paper at the UGC and ICSSR sponsored XIX International Conference on 'Human Rights: Evolution, Implementation and Evaluation' at Alwar, Rajasthan, 14-16 December 2012.

Dr. Chander Sekhar Singh: Served as Conference Secretary (Academic) at Asia TEFL-International Conference of the Teaching of English as a Foreign/Second Language organized by TEFSOL Association of Teachers of English as a Foreign/Second Language in India at Delhi, 4-6 October 2012.

Dr. R.D. Sarma: Chaired a technical session at the International Conference on History and Development of Mathematical Sciences in M.D. University, Rohtak, 21-24 November 2012.

Organized a symposium on 'Topology' at the 21st International Conference of the Forum of Inter-disciplinary Mathematics held at Punjab University, Chandigarh, 15-17 December 2012.

Presented two research papers at the 21st International Conference of the Forum of Inter-disciplinary Mathematics on 'Interdisciplinary Mathematics, Statistics and Computational Mathematics' at Punjab University, 15-16 December.

Dr. Sanjay Malhotra: Presented a research paper at the International Conference EUCMOS 2012 (European Congress on Molecular Spectroscopy) held at Cluj Napoca, Romania, 26-31 August 2012.

Ms. Enakshi Sinha Ray: Attended '6th Conference on Economic Theory and Policy' organized by NIPFP, JNU and Kagawa University, 20-22 March 2013.

Attended Conference on 'Social Security and Pension for India's Unorganised Sector Workers: Context and Prospects', organized by JNU, Action Aid India and Pension Parishad, New Delhi, 7-8 September 2012.

Attended Conference on 'Theory and Practice of Indian Economy' organized by JNU, 10-12 December 2012.

Attended '8th Annual Conference on Economic Growth and Development' organized by ISI, New Delhi, 17-19 December 2012.

Sh. Sunil Babu: Participated in a National Seminar on 'Dalit Sahitya ka Samajshastra' at Dyal Singh College, 18-19 February 2013.

Presented a paper entitled 'mEducation and ELT' during UGC sponsored National Conference on English Language Teaching and Information & Communication Technology by Govt. P.G. College, Pauri Garhwal, UK, 26-28 April 2012.

Sh. Ved Mitra Shukla: Presented a paper entitled 'Mahatma Gandhi and the Rhetoric of Bhajana' during GANDHIRAMA-2012 (a Feast of Ideas and a Festival of Art) organised by the ICPR, the UN, the UNESCO, the ICCR, ICHR & JNU 17-22 August 2012.

Presented paper entitled 'Subaltern and the Rhetoric of Development' during UP State Higher Education Council sponsored National Conference on Voices of the Voiceless: Subaltern Writings in English by Brahmavart P.G. College, Kanpur, 16-17 February 2013.

Chaired a session as a resource person at UGC sponsored National Conference on English Language Teaching and Information & Communication Technology by Govt. P.G. College, Lansdowne, Pauri Garhwal, U.K. 26-28 April 2012.

Participated as a resource person in UP State Higher Education Council sponsored National Conference on Voices of the Voiceless: Subaltern Writings in English by Brahmavart P.G. College, Kanpur, 16-17 February 2013.

Ms. Upasana Dhankar: Participated in the National Seminar on 'Are Agendas Driving History-Writing', organized by Shivaji College.

Dr. R.D. Sarma: Invited to deliver a talk at the National Conference on 'Recent Trends in Discrete and Fuzzy Mathematics' at D.A.V. College, Jalandhar, 4 February 2013.

Dr. Sanjay Malhotra: Invited as Jury Member to INSPIRE Award for National Level Exhibition and Project competition (NLEPC-2012) organised by the DST, 21-22 October 2012.

Dr. Daya Shankar Tiwari: Published paper titled 'Sanskrit Sahitya Mein Prashashika Dristi se Nari' in the journal Sahridaya, Delhi, July-September 2012.

Attended National Seminar and Lecture-series at Ramjas College and Zakir Hussain College respectively, 6-7 February 2013.

Organizing Secretary National Seminar with Lecture Series on 'Sanskrit and Science' in collaboration with Delhi Sanskrit Academy at Rajdhani College and also delivered a lecture on 'Sanskrit Vangmaya mein Ganita' Mathematics in Sanskrit Literature, 18-19 March 2013.

Presented a paper titled 'Vedese Ganitam' Mathematics in the Vedas National Vedic Conference organized by Delhi Sanskrit Academy in collaboration with Vaidika Mission, Mumbai at Aryasamaj, Santacruz, Mumbai, 22-24 March 2013.

Publications

Shukla, V.M. 2012. Published a chapter titled 'Contribution of Bhartrihari's Vakyapadiya to Indian Philosophy of Language and Meaning' in Modern Perspectives on Vedanta. (eds) Jha, G.N. and Singh, B.R. et al. New Delhi: D.K. Printworld, pp. 813-26. ISBN: 978-81-24606-39-1. Print.

2013. Published a chapter titled 'Education and ELT' in The Impact of ICT on ELT: An Innovative Methodology. (ed.) Kumar, S. Jaipur: Yking Books, pp. 98-109. ISBN: 978-93-82532-12-5. Print.

2013. Published a research paper 'Introducing Mobile in ELT Classrooms' in FORTELL, Issue No. 26, pp. 08-11. ISSN: 2229-6557. Print/Web.

Published an abstract 'Gandhi, Religious Harmony and Interfaith: Mahatma Gandhi and the Rhetoric of Bhajana' in Gandhirama-2012: A Feast of Ideas and a Festival of Art, New Delhi: ICPR, 2012. p. 140, ISBN: 978-81-904463-6-5. Print.

2012. Published a research based article (in Hindi) titled 'Samaajik Yatharth ke Mahaan Saadhak: Charles Dickens aur Premchand' in Dainik Jagran, Literary sec.12. Print.

2012. Published a research based article (in Hindi) titled 'Ashiyaie Sahitiya ka Maan: MoYan' in Dainik Jagran, Literary sec. 12. Print.

Singh, C.S. Published an article titled 'Mentalist Conception of Language Teaching' in the International Journal of Humanities and Social Sciences, Vol.-2.3, pp. 337-41.

Sarma, R.D. 2012. Published one research paper in the International Journal 'Annals of Fuzzy Mathematics and Informatics'.

Jha, R.K. 2012. Published a Film Review titled 'Unfinished Democratic Agenda - A Review of SHUDRA-The Rising' in The Discussant.

Tiwari, D.S. 2012. Authored a book titled 'Chhatrapatisamrajyam: Eka Parishilana', Delhi: Vidyaniidhi Prakashan.

2012. Assistant Professor in the department of Sanskrit Published research paper titled 'The Scientific Concept of Rainfall in Sanskrit Literature' in Journal of Indian Intellectual Traditions (CAS), University of Pune.

2012. Published paper titled 'Bhojpuri para Sanskrit Bhasa ke Prabhava' in the journal Deva-Bharat-Khand-Sandesh, Ara, Bihar.

2012. Published paper titled 'Sanskrit Sahitya Mein Prashashika Dristi se Nari' in the journal Sahridaya, Delhi.

SRI AUROBINDO COLLEGE

Honours/Distinctions

Dr. Namita Rajput: Honoured with the Rajiv Gandhi Excellence Award by the IIF Society in the year 2012.

Seminars/Conferences attended

Dr. Tasneem Shahnaazm: Read her research article namely 'Assessment in the English Language Proficiency Course' in an International Seminar, Gurgaon, October 2012.

Publications

Books

Singh, S.P. 2012. Adhunik Hindi Kavita.

2012. Uttar MadhyaKaalin Kavya.

Research Articles in Books or Scholarly Journals

Aggarwal, R. 2012. Acta Astronautica: When one of the primary is Roche Elleipsoid.

Singh, D. 2012. Demonstratio Mathematicae: RCL Super Continuous Functions.

2012. Applied General Topology: Pseudo Perfectly Continuous and their Compactness/ Closedness Function paces.

SRI AUROBINDO COLLEGE (EVENING)

Seminars/Conferences attended

Dr. (Mrs.) Vedwati Vaidik: Attended Sixth International Conference of World Council for Psychotherapy (Asian Chapter).

Attended Fifth International Conference of Yoga and Psychotherapy Association of India organized by JNU.

Seminar on 'Prachin Bhartiya Acharya' in November, 2012, organized by Nishreyas: Sixteenth India Conference on 'Vedic Views on Man and Nature: Modern Context', organized by the University of Delhi and WAVES, 24-26 December 2012.

Dr. Anil Kumar Singh: Presented a paper entitled 'HRM Practices and Management Effectiveness in Indian Business Organizations' at a Conference on the broad theme Global Turbulence – Opportunity and Challenges at Bangkok, Thailand, 5-6 May 2012.

Chaired a session on the broad theme 'Exploring Gandhian Word Order' International Seminar on Gandhi and Feminism at Conference Centre, 28-29 January 2013.

Mr. Aman Singh: Attended International Conference on 'Managing MNE Dynamics & Sustainable Development' organized by Shaheed Bhagat Singh College, 12-14 December 2012.

Mr. Vikas Kumar Joshiya: UGC-National Seminar on 'Mergers and Acquisitions in Global Scenario' at Kamla Nehru College, 17-18 April 2012.

UGC-National Seminar on 'Corporate Social Responsibility Issues & Challenges', Kirori Mal College, 24-25 August 2012.

National Conference on 'FDI in India Response and Challenges', Shaheed Bhagat Singh College, 5-6 November 2012.

National Conference on 'Corporate Social Responsibility – Gender Perspectives' at Lady Shri Ram College for Women, November 2012.

Dr. (Mrs.) Monika Rikhi, Mr. Pragyendu and Dr. Mahesh Kumar Darolia: Attended National Seminar on 'Positive Psychology' at Varanasi.

Publications

Books

Varma, S. 2012. Two books 'International Business' published by Pearson India Ltd. in April and July 2012. Also published a University edition of the same for Osmania University, Hyderabad.

Sharma, M.K. Published two books : Surender Varma Ke Natak: Naye Dayron Ki Talash and Hindi Natak: Manavadhikaron Ki Rangoobhoomi.

Research Articles

Varma, S. 2013. 'Diaspora and International Entrepreneurship', in Emerging Issues in American Macmillan.

2013. 'International Entrepreneurial Capability as a driver of the Born global Firm – A Case Study from India' in International Journal of technological Learning Innovation and Development, Vol. 6, No. 1/2, pp. 42-61, Inderscience Publications.

2012. 'India and Latin America – an Emerging Investment Story of the Pharmaceutical Industry'. FPRC Journal 2012 (3) ISSN No. 2277-2464.

2012. 'Born Global Firms – A strategic Perspective', with Kar, R.N. in The Utkal Business Review, Vol. XXV, ISSN 0975-6191.

Presented a paper 'Resource Dynamics of Outbound Acquisitions: Evidence from the Indian IT Industry', at the International Conference on Multinational Enterprises and Sustainable Development, New Delhi, December 2012.

Rikhi, M. Two chapters on research methodology in the book 'Social Psychology' published by Mcmillan.

ST. STEPHEN'S COLLEGE

Honours/Distinctions

Dr. Neelam Saxena: Jawaharlal Nehru Cultural Centre, Embassy of India, Russia as Professor of Hindi.

Dr. Karen Gabriel: Appointed to the International Advisory Board of the peer reviewed International Journal, Gender, Sexuality & Feminism, brought out by the Women's Studies Centre of the University College, Dublin, Ireland.

Dr. Neelam Saxena: Assigned Visiting Professor of Hindi to the ICCR's Long Term Chair at JNCC, Moscow.

Seminars/Conferences attended

Mr. S.K. Chakravorty: Participated in International Conference on Sports Economics and Vision of London Olympic 2012, University of Delhi, 17-19 April 2012.

Participated in 12th International Sports Sciences Congress, Pamukkale University, Denizli, Turkey, 12-14 December 2012.

Dr. Neelam Saxena: Organized 10th ICOSAL International Conference for Humanities (RSUH) as a member of the organizing committee, at Moscow State and Russian State University, July 2012. Presented a research paper titled 'Ritikalin santkavya me jeewan mulya'.

N.P. Ashley: Adapted Garcia Lorca's When Five Years Pass as a dramaturge for the India premier of the play under the auspices of the Embassy of Spain at Stein Auditorium, India Habitat Centre, 3-4 December 2012.

Dr. Karen Gabriel: 'The Scope of the Sexual and Negotiations with Heteronormativity', at the National Conference Gay Sub-Cultures and Literatures: The Indian Projections, Indian Institute of Advanced Studies, Shimla, 3-5 April 2012.

Country presentation: 'The Challenges to Feminism in India' as Indian Representative at the International Conference Transborder Feminist Encounters, Istanbul, 26-27 May 2012.

'Pleasure, Excess and Containment in the Field of Vision', The State of Hurt – Sentiment, Politics, Censorship, National Conference organized by Sri Venkateswara College, in collaboration with the University of Delhi, 12-13 October 2012.

Organised the International Conference Brave New World: The Gendered Political Economy of Terrorism and Fundamentalism with SANGAT and Kartini, 2012.

Dr. Chandra Bhushan Jha: Invited as a Special Invitee to Kashmir University, Srinagar at the 46th All India Oriental Conference, on 'Kashmir in Modern Sanskrit Literature'.

Delivered the Key-note Address in a National Seminar on 'Sanskrit & its Contemporary Challenges', organised at Kolhan University.

Delivered a Special Lecture on 'Relevance of Vedic Studies in Modern World', in a National Conference in Dwarka, Gujrat.

Publications

Chakravorty, S.K. Presented paper and Published – 'Role of Sports Economics in Today's World'.

Presented paper and published – 'Psychotherapy – 'A Technique for Crisis Management in Sports'.

2012. Three joint papers presented and published', Pamukkale University, Denizli, Turkey.
i) Animals in Sports, ii) Sports and Violence and iii) Physical Activity and Disability.

Gabriel, K. 2012. 'Orientalism, Terrorism and Bombay Cinema', (with Vijayan, P.K.) Journal of Postcolonial Writing Special Issue on Orientalism and Terrorism, Malreddy, P.K. and Birte Heidemann (eds.), Vol. 48, No. 3, pp. 299-310.

2012. 'Circumscriptions of Autonomy': A Review Essay of Esha Niyogi De's Empire, Media and the Autonomous Woman: A Feminist Critique of Postcolonial Thought', Biblio, Vol. XVII, Nos. 3 & 4.

Saxena, N. Authored a book titled 'Suno, Parho and Sunao' alongwith Dr. Sirgoski of MGIMO University, Moscow.

Reviewed and edited the book titled 'Hindi ke lekhn ki Khania' written by Prof. Ludmila Khoklova of Moscow State University.

Reviewed and edited the book 'Pathya Pustak' written by Dr. Safermo Tolabi of Boarding school No. 19.

SHYAMA PRASAD MUKHERJEE COLLEGE (FOR WOMEN)

Seminars/Conferences attended

Dr. (Ms.) S.K. Jolly: Presented a Research Paper on 'Subaltern Revival movement in the World Religions' at the Conference, Guru Nanak Dev University, Amritsar.

Dr. (Ms.) Asha Joshi: Presented a lecture in the Seminar on topic 'Sahitya ke Samajik Sarokar'. Her paper 'The Arab Spring: A revolution of unrest across Arab States' organized by 'UTTRAYANI' (a social organization) published in History Today 13, 2012.

Dr. (Ms.) Nita N. Kumar: Presented a paper on an American playwright Suzan-Lori Parks at an International Conference on 'The Romance of Theatre' at Seville, Spain.

Publications

Joshi, A. Her six papers were published in Uttaranchal Magazine related to Society response to woman empowerment.

Kaushik, V. 2012. Her book reviews on Bhagat Singh revisited-Historiography by Chander Pal Singh and Hindu and Muslim Religious Institutions-Andhra Desa 1300-1600 were published by R. Somali Reddy, in History Today, Vol. 13.

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN

Honours/Distinctions

Dr. Punita Saxena: Awarded the best teacher award 2012 – 2013 by the Government of NCT of Delhi.

Seminars/Conferences attended

Dr. Ranjana Singh: Presented a paper entitled on 'Development, Nutritional Evaluation and shelf life study of Soy – fortified Biscuits' at World Soybean Research Conference – IX – at Durben, South Africa in February 2013.

Dr. Projes Roy: Presented paper entitled 'The study of usage pattern of Information retrieval features of online databases in university libraries in India' at '4th International Conference on Qualitative and Quantitative Methods in Libraries' Limerick, Ireland, 22-25 May 2012.

Invited as special guest for the first SAARC Conference for Library & Information Professionals at the BIMTECH, Greater Noida, 1-2 December 2012.

Dr. Varsha Mehra: Attended 32nd Annual Convention of Indian Association for Cancer Research. 'Emerging Trends in cancer research: Road to prevention and cure': an International Symposium on infection and cancer, organized by Dr. B.R. Ambedkar Centre for Biomedical Research, 13-16 February 2013.

Dr. S. Lakshmi Devi: Invited by the University Women's Association, Delhi to talk on 'Women and Science' in the National Conference held on 22 February 2013.

Dr. Manisha Khatri: Presented a paper entitled 'Effect of low concentration of nanoparticles on the activity of Horseradish Peroxidase' in the National Conference on Relevance of nanotechnology in biology organized by Hansraj College.

Ms. Tanu Bhardwaj: Attended National Seminar on 'Food Safety: Role of standards' organized by the Bureau of Indian Standards at New Delhi, 12 December 2012.

Presented a poster on 'Sol-gel based Impedimetric Urea Biosensor' in UGC sponsored National Conference on Bioelectronics and Biomedical Technology' at Jamia Hamdard, 29-30 January 2013.

Presented paper on 'Sol-gel based Impedimetric Urea Biosensor' in International Conference on Emerging technologies Micro to Nano 2013 [ETMN – 2013] at BITS, Goa Campus, 23-24 February 2013.

Publications

Books

Roy, P. 2012. 'A study of data retrieval techniques of online databases available in libraries of central universities in India', Germany: LAP LAMBERT Academic Publishing. ISBN-10: 3844387730, ISBN-13: 978-3844387735.

Khatri, M. 2012. 'Novel Aryl Piperazines as Anxiolytic agents: Synthesis and SAR' Germany: LAP LAMBERT Academic Publishing, ISBN 978-3-659-29215-6.

Research Articles

Sodhi, G.S. and Kaur, J. 2012. 'A novel fluorescent small particle reagent for detecting latent fingerprints on wet non-porous items'. Egyptian Journal of Forensic Sciences.

Bhardwaj, D. and Kaushik, N. 2013. 'Phytochemical and pharmacological studies in genus Berberis.' Phytochemistry Reviews: 1-20.

Karim, Zoheb, Rohana Adnan and Mohd. Saquib Ansari. 2012. 'Low Concentration of Silver Nanoparticles Not Only Enhances the Activity of Horseradish Peroxidase but Alter the Structure Also.' PloS one 7, No. 7: e41422.

Khatri, M., Rai, S.K., Ranbhor, R., Kishore, K. and Tiwari, M. 2012. 'Synthesis and pharmacological evaluation of [(4-arylpiperazin-1-yl)-alkyl]-carbamic acid ethyl ester derivatives as potential anxiolytic agents.' Archives of Pharmacal Research, 35, No. 7: 1143-1152.

Alam, S., Khatri, M. and Tiwari, M. 2013. 'Assessment of the antioxidant activity of aqueous extract of Acacia catechu bark: An in vitro and in vivo study.' Journal of Pharmacy Research, 1: 109-114.

2012. 'Cytotoxic effect of methanolic extract and a novel active principle from the bark of Acacia Catechu: Studies on cancer cell lines', Journal of Pharmacy Research, 5(8): 4487-4491.

SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES

Honours/Distinctions

Dr. Anamika Gupta: Received this year's the Best Teacher Award instituted by Directorate of Higher Education, Govt. of NCT, Delhi.

Received Nav Kiran award in 5th National Women Excellence Award ceremony organized by Women International Network, on 25 November 2012.

Seminars/Conferences attended

Dr. Rohini Singh: Presented paper as Co-author, Seminar on 'FDI in India Response and challenge', organised by Shaheed Bhagat Singh College, 5-6 November 2012. 'Impact of GDP per Capita, Political Regime and Foreign Direct Investment on Income Distribution in a Country'.

Ms. Shikha Gupta: Presented paper titled 'Convergence of Online Education and Traditional Learning' in the Academic Congress on 'Enabling the Young: Redefining Education' organized by the University of Delhi, 6-7 September 2012.

Ms. Priya Gupta: Attended International Conference on 'Big Data Analytics' organised by University of Delhi, 24-26 December 2012.

Publications

Research Articles

Singh, R., Porwal, H.K. and Babu, C. 2012. Published paper on 'Performance Analysis of Balanced Mutual Indian Mutual Funds, SS International Journal of Business and Management Research, Vol. 2, Issue 6.

Singh, R., Porwal, H.K. and Singhal, S. 2012. Published on 'The Month of the Year Effect in the Indian Stock Market: An Analysis of the Impact of Market, Industry and Size of the Firm', International Journal of Management, IT and Engineering of International Journal of Multidisciplinary Research Academy, Vol. 2, Issue 12, pp. 193-208.

Sharma, N. 2013. Published abstract on research paper titled, 'Management of Innovation in SMEs in India', Innovation and Development, Vol. 3, No. 1, Taylor and Francis Journal.

Sharma, N., Gupta, P. and Sikka, J. 2012. Published a case study 'An Analytical Review of Organic Food Sector – A Case Study on glimpse and glance', Journal of Spiritual Management, The Spiritual Leader, Vol. 1, Issue : 3, pp. 29-39, ISSN : 2277-1751.

Gupta, P. 2012. Published on 'Consumer Perceived Value and Brand Loyalty: A study of retail banking at International Journal of Customer Relationship Marketing and Management, IGI Global, Vol. 3, issue 4, pp. 1-15.

2013. Published on 'Shopping as a goal or shopping with goal – An empirical research at HR Journal of Management, Vol. 6, No. 1, ISSN: 0974-7737, RNI No. UPENG03534/24/1/2009-TC.

SRI GURU TEGH BAHADUR KHALSA COLLEGE

New Course introduced

Certificate Course in Chinese, Korean and Japanese

Honours/Distinctions

Dr. Santosh Kumar Rai: Received Dr. I.G. Khan memorial prize in the 73rd session of the Indian History Congress held at University of Mumbai.

Dr. Smita Mishra: Honoured by Newspaper Association of India for media teaching at New Delhi, 29 December 2012.

Dr. Amarjeet Kaur: Received an award from Sahit Sabha, Jalalabaad for her entire literary works in September 2012.

Seminars/Conferences attended

Dr. Santosh Kumar Rai: 'Community as Capital: The Handloom Industry in Early Twentieth Century United Provinces, India' in 9th European Social Science History Conference, University of Glasgow, Scotland, UK, April 2012.

Dr. Shalin Jain: 'Religiosity, Piety and the Jain Elites in Medieval India' in the session ELI16: Elites and Religion of the 9th European Social Science History Conference, University of Glasgow, Scotland, UK, April 2012.

Dr. Ajay Wadhwa: Analysis of the Bouncing Ball Motion using a Spring-Mass Model at the International Conference on Science Education-episteme-5, 2013, at the Homi Bhabha Centre for Science Education, Mumbai, 7-11 January 2013.

Squash – why not for Olympics! at the International Conference on sports economics & vision of London Olympics 2012 at the University of Delhi, 17 April 2012.

Dr. Gaganjot Singh: Presented a paper in 3rd International Conference of 'Carcinogenesis Foundation – USA', RML Hospital, New Delhi, November 2012.

Mr. Hitesh K. Sachdeva: A presentation titled 'Mixed Farming: Challenges in View of Declining Water Resources and Stagnating Farm Yield and Productivity' along with Dr. Jaswinder Singh on National Conference on 'Climate Change Adaptation, Technology and Sustainable Development' organized by DCR University of Science and Technology, Haryana, 20 February 2013.

Dr. Kuldeep Kaur Pahwa: Presented a paper on 'Punjabi Di Dasha te Disha' in a Seminar on Punjabi Language at Jhansi, September 2012.

Dr. Santosh Kumar Rai: Social Hierarchies and Economic Resistance in Colonial United Provinces: The Case of Julaha Weavers, in the 73rd session of Indian history congress, University of Mumbai, 4 December 2012.

From Julaha to Ansari: Indigenous Hierarchies in Colonial United Provinces in the International Conference on 'Ruptures: South Asian Islam and the Caste Question', IIC, New Delhi, December 2012.

Dr. Shalin Jain: Representations and Perceptions: Jain Interactions with Portuguese in Mughal India in International Seminar on Indo-Portuguese History-XIV in JNU and IIC, 11-13 February 2013.

Dr. Smita Mishra: Presented a paper on e-media and sports in National Seminar at BHU, November 2012.

Dr. Vanita: Presented papers Gurmat Sangeet in Seminar organized at Jawaddi Kala'an, Ludhiana August 2012.

'Punjabi Di Dasha te Disha' on Punjabi Language at Jhansi, 2012.

'Shikargah: A Feminist View' at Kurukshetra University, Haryana.

Dr. Vimal Rarh: ICT - enabled Higher Education in India: Some Recent Initiatives at CUBE 2012 - International IT Conference & Exhibition, Pune, 3-5 September 2012.

Role of ICT in Chemistry Practical Teaching in the International Conference in Chemistry: Recent Advances in Chemical Sciences; Emphasis on Healthy life (RACE for Healthy Life) at ITM Gwalior, 21 September 2012.

Publications

Books

Agarwal, V. 2012. *Guru Gobind ka Sahitya: Manaviya Drishti*. Delhi: Guru Nanak Study Centre.

Kaur, A. 2012. *Amrita: Ek Qainaat*. Delhi: Shilalekh Prakashan.

2012. *Bahri Lok te hor Kahaniya*. Delhi: Shilalekh Prakashan, (translated to Punjabi from Hindi written by Raji Seth).

Lohia, S. 2012. *Hindi ke Lalit Nibandh*. Delhi: Hemadri Prakashan.

Mishra, S. 2012. *Olympic ke Mahanayak*. (co-authored with Dr. Suresh Kumar Lau)

Mohanty, B. *Foreign Policy of India in 21st Century*. Delhi: New Century Publication.

Sharma, D. 2012. *Child health and nutrition: evaluation of Integrated Child Development Services*.

Vanita. 2012. *Kaal Pehar Ghariyan*. Delhi: Sahitya Akademi, (translation of her original work in Hindi).

2012. *Bhartiya Sahit de Nirmata: Sutinder Singh Noor* (a monograph). Delhi: Sahitya Akademi.

Research Articles

Wadhwa, A. 2012. Published a research paper entitled, 'Measuring the Rebound Resilience of a Bouncing Ball' *Journal of Physical Education* (Sept. 2012).

Mohanty, B. Published a chapter entitled *Historical context of Modern Governments, Colonialism and Decolonization* in the book 'Comparative Politics: Institutions and Processes' edited by Biswal, T. published by Macmillan Publications India Ltd.

Singh, G. 2012. Published an abstract entitled 'Human Albuminome: trash turned to diamond mine for the discovery of cancer biomarkers' in the special issue of *Journal of Carcinogenesis*.

Sodhi, G.S. 2012. Published a research paper entitled, 'A novel fluorescent small particle reagent for detecting latent fingerprints on wet non-porous items', in *Egyptian Journal of Forensic Science*, Vol. 2, pp. 45-7.

Kamra, K. Published two research papers in International journals, presented papers in three International Conferences and two outreach programmes.

Jassal, P.S. 2012. Adsorption Study of PB (II) derivatives Absorption Study of Crystal Violet on Different Chitosans and Cross-Linked Derivatives in energy and environmental engineering journal year.

Kaur, R. Published an article 'Maan Te Haani Da Theme Vigiaanak Adhiaan' in *Mera Theatre Te Ikkeveen Sadi* book edited by Ravinder Ravi.

Rai, S.K. 2012. Strategies of survival and hierarchies of production: silk weaving in eastern united provinces, 1880s-1930s, in proceedings of the Indian History Congress (PIHC), Patiala.

2012. 'Muslim weavers' politics in early 20th century northern India: locating an 6. Identity in Economic and Political Weekly, Vol. XLVII, No. 15.
- Kaur, S. and Baluja, L. 2012. Published an article Electron-impact study of an NCO molecule using the R-matrix method published in Physical Review A, Vol. 85, 052701.
- Jain, S. 2012. Inviting the Lords: Jain Vigyaptipatras as a Source of Medieval Indian History, in proceedings of the Indian History Congress (PIHC), Patiala.
- 'Interaction of the Lords: The Jain Community and the Mughal Royalty under Akbar', Social Scientist, April 2012.
- 'Delhi Sultanate: Urbanisation and Social Change' in the Indian Historical Review, December 2012.
- Mishra, S. Paper on 'Hindi Aur Khel Patrakarita' was accepted by ministry of Foreign Affairs for world Hindi convention held at Johannesburg in September 2012.
- Article on e-journalism published in Yojna magazine in September 2012 issue.
- Lohia, S. Contributed an article in the book, Global Media and Hindi Journalism published by Sahitya Sanchay.
- Rarh, V. 2012. Published 'An Endeavour to Make Iodine-Developed Fingerprints Permanent', Fingerprint World, UK, 38, 184-188 (12).
2012. Herb Basil (*Ocimum sanctum*) for all Medicinal Purpose, Indian Journal of Herbal Technology.
- Self-Learning Material on Forensic Science for Certificate course in Forensic Science for UP Rajarshi Tandon Open University, Allahabad.

SRI GURU NANAK DEV KHALSA COLLEGE

Seminars/Conferences held

UGC sponsored National Seminar was organized on the topic, 'Concept and Tradition of Martyrdom in Sikhism', 24-25 January 2013.

UGC sponsored National Seminar was organized in February 2013, on the topic 'Reading and Writing in a Globalized World'.

UGC sponsored National Seminar under the convenership of Dr. Davinder Kaur Chawla on 'Human Rights in India: The Emerging Challenges' on 22 March 2013.

Seminars/Conferences attended

Dr. Man Mohan Kaur: Attended International Conference on 'The Legacy of Srinivasa Ramanujan', University of Delhi, 17-22 December 2012.

Mahesh Kumar: Presented a paper on the topic 'Women's Financial Security and Need for their Financial Education', in International Conference at Women Studies Centre Conference, Punjabi University.

Dr. Bhagwant Kour: Presented a paper on 'Gandhism & Women empowerment', at an International Seminar.

Dr. Maneesha Roy: Presented a paper on 'Fighting Corruption in Bihar: Agenda for Action', at the 6th Biannual International Conference of Indian Association for Asia Pacific Studies organized by Shyam Lal College.

Dr. H.S. Gill, Convener: Delivered lecture on the topic 'Development of Personality and Mind Power', at Post Graduate, Seminar on 'Legal, Health and Personality Development', organized by Human Vision Society, Department of Hindi, University of Kashmir at Krishna Auditorium, Jhandewalan Extension.

Dr. Inderjeet Singh: Presented a paper in a National Seminar on the theme 'Coalitional Politics and Indian Democracy: Conflicts and Reconciliation', Kirori Mal College.

Presented a paper in a National Seminar on the topic; 'The Theatrical role of Regional Political Parties in the Central Government: A Study of Akali Dal', organized by SRCC College.

Publications

Books

Kaur, V.N. Translated and published a book titled 'Khoye Da Gudda', National Book Trust, India.

Arya, V. Published a book titled 'Acharya Ramashram ka Sanskrit Vayakaran ko Avadan', Delhi: Vidyanidhi Prakashan.

Edited Publications

Sagoo, H.K. Edited three books titled 'Life, Times and Achievements of Banda Singh Bahadur', 'Jeevan Te Praptiyan: Baba Banda Singh Bahadur' and 'Guru Granth Sahib: Samajik Sarokaar', and three more edited books are under publication, these books are entitled, 'Guru Granth Sahib: social concerns', 'Sikh History and Philosophy', 'Concept and Traditions of Martyrdom in Sikhism'.

Research Articles

Kumar, M. A Paper entitled 'Demographic Changes and Current Economic Crisis', was published in Journal of Business Studies (Annual Journal of SBS College).

Kaur, P. Research Paper Published in book entitled 'Guru Granth Sahib: Samaj Ate Vatavernik Chugreda' published in 'Guru Granth Sahib: Samajik Sarokar' edited by Dr. Harbans Kaur Sagoo.

Research paper entitled 'Electronic Media Da Punjabi Bhasha, Sahitte Sabhyachar Upar Asar' published in 'Samkali Punjabi Sahit Samikhyate Mulankan' edited by Dr. Ravinder Singh.

Roy, M. 'The Sikh Statecraft: Accomplishments of Banda Singh Bahadur' in Life, Times and Achievements of Banda Singh Bahadur, New Delhi: Manpreet Prakashan, in the Book ed. by Sagoo, H.K.

Kumar, A. Research Paper entitled 'Impact of Macro-economic Variables on Stock Market' published in Indian Journal of Accounting.

Research Paper entitled 'Performance of Agriculture Sector in Haryana' published in Southern Economist.

Dharam, S. An Article 'Gyan Ki Parampara ka Vikas', published in Book 'Aalochana Ki Chunoutiyan', edited by Tyagi, D.P., Delhi: Nayee Kitab Prakashan.

Research paper 'Nagarjun Ke Sahitya Mein Stree Samvedna aur Vichar ki Ekta' published in 'Samuchay-2', ISSN NO. 2230-9128, A journal of Department of Hindi, English and Foreign University, Hyderabad.

Sharma, D.S. Co-authored an article on 'CSR initiative for women empowerment', published in Journal of Business Studies, Annual Journal of SBS College.

SHAHEED BHAGAT SINGH COLLEGE

Seminars/Conferences attended

Dr. Harish Handa: Presented a paper entitled 'Efficient Market Hypothesis, Foreign Institutional Investors and Day of the week Effect' at an International Conference in Hong Kong.

Dr. Shivani Arora: Paper titled, 'E-Commerce –Perspectives of Indian Customer' accepted for presentation at Cambridge Business and Economic Conference 2013, at Cambridge University, London.

Paper titled, 'Braveheart: Be the Change you Want to see' has been accepted for presentation for International Conference on Reinventing Thinking Beyond Boundaries to Excel, 2013.

Dr. Kamlesh Kumari: Presented research paper in the International Seminar held at UAE on the topic 'Hindi Prasar Sarhad Paar'.

Dr. Harish Handa and Ms. Pooja Talwar: 'Deposit Mobilisation to Lending: An Econometric study of Indian Banks' a paper by Dr Harish Handa, Ms. Pooja Talwar and Ms. Kiran Chugh was presented at an International Conference in Udaipur.

Presented a paper entitled 'Parametric Evaluation of Market Efficiency' at a Conference in Gwalior.

Pooja Talwar: Presented paper 'Singapore Strait Time Index and Sensex: A test of Causal Relationship' at a National Conference in MERI, New Delhi.

Dr. Meera Mehta: Presented paper 'Green Banking-Banking through the Greens' at the Tenth AIMS International Conference on Management, IIM Bangalore, 2013.

Dr. Amit Singh: Presented paper titled, 'IPO Grading: Who does IPO Grading help?' at World Finance Conference and Banking Symposium, Shanghai, 17-18 December 2012.

Presented paper titled 'Do Foreign Institutional Investors Really Drive the Indian Stock Market?' at third MESD 2012 Conference held in New Delhi, 12-14 December 2012.

Presented paper titled, 'Growth of IPOs: A Comparative Analysis of Emerging Markets and Developed markets', at Third Research Conference on Empirical Issues in International Trade & Finance, at IIFT, New Delhi, 9-11 January 2013.

Presented a paper titled 'Growth of IPOs : A Comparative Analysis of Emerging Markets and Developed markets at seventh National Conference on capital market, IBS Gurgaon, 11-12 February 2013 and won the Best Paper award.

Dr. V.A.V. Raman: Presented a research paper entitled 'Impact of Physical Variability on Land Uses in the Middle Ganga Plain' as a resource person in National Seminar on 'Plains of the Ganga: Problems and Prospects' organized by BHU, Varanasi, January 2013.

Presented a research paper entitled 'Transfiguration of a Landscape: Case study of Malana Village in Kullu District, Himachal Pradesh' in IGU Conference on 'Geoinformatics for Biodiversity and Climate Change' organized by M.D. University, Rohtak, March 2013.

Dr. Poonam Sharma: Attended IGU Conference on 'Geoinformatics for Biodiversity and Climate Change' organized by M.D. University, Rohtak, Haryana, 14-16 March 2013.

Dr. Suraj Mal: Presented paper entitled 'Retcession of Tipra Glacier in Nanda Devi Biosphere Reserve, Garhwal Himalaya' in 32nd International Geographical Congress in Cologne, Germany, 26-30 August 2012.

Mr. Pankaj Kumar: Participated and Co-chaired a session in ICSSR sponsored National Seminar on 'Urbanisation and changing State of Environment' organized by St. Xavier's College, Ranchi, 24-25 September 2012.

Presented a research paper entitled 'Monitoring Snow Cover of Himachal Himalaya Using Remote Sensing and GIS' in NAGI, 34th Indian Geography Congress 'Hazards, Vulnerability and Sustainable Development' organized by Patna University, 2-4 November 2012.

Presented a research paper titled 'Inventory and monitoring of glacier lakes in Himachal Himalaya using Spatial Information Technology' at the IGU Conference on Geoinformatics for Biodiversity and Climate Change at M.D. University Rohtak, 14-16 March 2013.

Ms. Amrita Bajaj: Presented the paper entitled 'Transport Development Effects on Urban Health: A Case of Delhi', in IGU Conference, at M.D. University, Rohtak, 14-16 March 2013.

Presented the paper entitled 'Public-Private Partnership: A New Approach for Resource Management', in XXXIII IGC, National Association of Geographers, Patna University, 2-4 November 2012.

Dr. Vishwaraj Sharma: Participated and presented a paper in M.D. University Rohtak on Urbanization in India - A Census Analysis (1901-2011) organized by IGU, 14-16 March 2013.

Dr. Bratati Barik: Presented papers titled 'Trends of Migration in a Protected Area Environment: A Case Study of Similipal Bio-sphere Reserve, Odisha, India' and 'Primitive and Non-Primitive Tribes of Similipal Forest Region of Northern Odisha, India: Their Level of Awareness on Environmental Sustainability' at National Seminar on Impact of Globalization on Urbanization and Migration in India, at IIPA, New Delhi.

Ms. Swarnima Singh: Presented a research paper entitled 'Anthro-Biomes and Integrated Climate Change Modeling' in NAGI, 34th Indian Geography Congress 'Climate Change and Sustainable Development' organized by Patna University, 2-4 November 2012.

Presented a research paper titled 'Anthropogenic Biomes and Micro-Climate Change Modeling for Himachal Pradesh' at the IGU Conference on Geoinformatics for Biodiversity and Climate Change, M.D. University Rohtak, 14-16 March 2013.

Dr. Kamlesh Kumari: Participated International Seminar on the topic Pravasi Kahani Sahitya organised by Aurangabad University, Maharashtra.

Dr. Pravin Kumar Jha: Presented a paper on Civil Society in an International Conference organized by Rajiv Gandhi Chair of Allahabad University, November 2012.

Presented a paper titled 'Lohia and Ambedkar on Social Justice: A Comparative Perspective' in a National Seminar organised by Dr. RML National Law University, Lucknow.

Dr. Shantesh Kumar Singh: Presented a paper on 'Gandhiji's Contribution to Indian National Movement: An Analysis' at a National Seminar at RRP College, Amethi, UP, 9 February 2013.

Presented a paper on 'New Social Movements and Globalization: In the special reference of Global Movements against Gender Violence', at Seminar organized by University of Allahabad.

SHAHEED BHAGAT SINGH COLLEGE (EVENING)

Seminars/Conferences attended

Dr. R.N. Kar: 'Assessing The Impact of Mergers And Acquisitions on Performance: The Indian Evidence' at the World Finance Conference, Rio, Brazil, 2012.

'The Influence of the Institutional Context on the MNEs' Strategy Decision Making for Sustainability' at the third MESD 2012 International Conference.

'Are People Prepared to Spend for Sustainable Development? An Empirical Study of Delhi Region' at the third MESD 2012 International Conference.

'Resources 7Dynamics of Outbound & Acquisitions: Evidence from Indian IT Industries' at the third MESD 2012 International Conference.

Dr. Sabina Pillai: Presenting paper on 'An Enquiry into the Status of Continuous Professional Development (CPD) in Tertiary Education in India' at International Journal of Arts and Sciences' Conference at Harvard University, US, 26-30 May 2013.

Publications

Kar, R.N. Contributed chapter titled published 'Corporate Governance and Mergers and Acquisitions: Insights from Indian Stock Market Experience' for the book 'Global Competition and Competitiveness of Indian Corporates', Macmillan Advance Research Series, Macmillan, 2012. Also a chapter on 'Appraisal of Corporate Governance Norms: Evidence from Indian Corporate Enterprises' in Strategies for sustainable Technologies and Innovations, Edward Elgar, Cheltenham, UK, Northampton, MA, USA, 2013.

SHRI RAM COLLEGE OF COMMERCE

Seminars/Conferences held

The College in association with the National Foundation for Corporate Governance (NFCG) organized a International Conference on Corporate Governance on 27-28 March 2013.

Shri Ram College of Commerce in association with the Assumption University of Thailand under the aegis of the NFCG is holding International Conference in Bangkok on 7-9 October 2013.

Publications

Books

Aggarwal, S.K. 2012. (ed.) Concepts of Corporate Laws, New Delhi: Galgotia Publications.

Chadha, R. 2012. Company and Compensation Laws. New Delhi: Mayur Paperbacks.

Deepashree. 2012. Microeconomics - I, Semester -I, 2nd Edition.

2012. Microeconomics -II for Semester-II, 2nd Edition.

2012. Macroeconomics for Semester-III Ane Books.

2012. Indian Economy - Performance & Policies, Ane Books, 5th Edition.

2012. Indian Economy - Performance & Policies for Semester IV.

2012. Principles of Microeconomics', Ane Books, 2nd Edition for Semester I.

Goyal, B.K. and Tiwari, H.N. 2012. Financial Accounting. New Delhi: International Book House.

Goyal, B.K. Advanced Accountancy. New Delhi: Modern Publishers.

2012. Company Law. (9th ed.) New Delhi: Singhal Publications.

Goyal, B.K. and Tiwari, H.N. 2012. Financial Accounting, New Delhi: International Book House.

SHYAM LAL COLLEGE

Seminars/Conferences attended

Ms. Mukta Rohatgi: Presented a paper and attended an International Seminar on leadership in business and management for sustainable global economy at IIT, Delhi, 3-4 November 2012.

Chaired a session in an International Seminar on leadership in business and management for sustainable global economy on 3 November 2012.

Dr. Indu Varshneya: Participated in an International Conference on Interface between Chemistry and Environment organized by Ramjas College, 13-14 December 2012.

Dr. Raj Kumar: Participated in the International Seminar on 'Exploring Gandhian World Order' organized by Shyam Lal College (Eve.) on 28-29 January 2013.

Participated in a seminar with a paper on topic 'Academics Congress: Redefining Higher Education' organized by University of Delhi, 6-7 September 2012.

Mr. Vinod Kumar Nehra: Presented a paper on the topic 'Corporate Sector Responsibility: Issues and Challenges in India', Kirori Mal College, 12 March 2013.

Ms. Shivali Kharbanda: Participated in an International Seminar organized by Indraprastha College and Shakespeare Society of India.

Dr. Pravin Kumar: Participated in the International Seminar on 'Exploring Gandhian World Order' organized by SLC (E) at University of Delhi, 28-29 January 2013.

Participated in the Academic Congress titled as 'Enabling the Young: Redefining Education' organized by University of Delhi, 6-7 September 2012.

Dr. Vindo Kumar: Attended Northern Regional Science Congress organized by Indian Science Congress Association (Delhi Chapter) in association with DST at India International Centre, 26-27 November 2012.

Publications

Rohatgi. 2012. Published an article titled 'Relational practices –A Literature Survey' in the Global Journal of Finance and Management, Vol. 4, No. 6.

Kumar, P., Kumar, R. and Chaudhary, J. Authored a book under the Innovation Project of Delhi University titled as Bazaar: Itihas Aur Sanskriti which was released by Honourable Minister of Govt. of India, Shri Kapil Sibbal in the presence of Honourable Vice-Chancellor, Prof. Dinesh Singh and other dignitaries. With Dr. Raj Kumar and Jyotii Chaudhary, he also edited a book titled as 'Saptahik Bazaar: Rang, Bahurang' under the innovation project of University of Delhi.

Kumar, P. 2012. Contributed with his article titled as 'Samajik Kshetra ka Badalta Swarup: Shikshha awam Swasthya Neeti ke Sandarbh mein' in the book, Aaj Ka Bharat: Arth aur Samaj from Orient BlackSwan which is scheduled to be launched soon on the Book-stalls. He wrote an article, 'Changing face of Rural Sector' in the Discussant, Journal of Centre for Reforms, Development and Justice, Vol. 2, No. 2.

2012. Contributed with his article, 'Gandhi: A Leader beyond Modernism or Socialism' to Journal of Gandhian Studies, Vol. 2, No. 1 & 2.

Article, 'Bharteeya Sanghvaad: Samvaidhanettar Yogdaan' in Lok Prashasan, A Research Journal from IIPA, Varsha 4 Anka 2, July-Dec. 2012 with Prof. S.N. Mishra as the Editor.

Kumar, V. 2012. Published a paper titled 'Polarographic Behaviour of Cu (II)-2,4,6-Trihydroxy-Deoxy-Benzoin Complexes in Ethanol-Water (65%) media' Journal of Indian Chem. Soc. 89, 1431.

SHYAM LAL COLLEGE (EVENING)

Seminars/Conference attended

Dr. Ramesh Kumar: Presented a paper on 'Myanmar's Transition to Democracy: Challenges Ahead' in 6th AIPSA Conference at Hong Kong in China, 30 November–1 December 2012.

Dr. Harish Khanna: Chaired a session in the International Conference on 'Voices from the Margin: Society, Culture and Exclusion' at the Central University of Jharkhand and also addressed in the Plenary Session, February 2013.

Dr. Ramesh Kumar: Presented a paper on 'Democracy as an Instrument of Foreign Policy: A Case Study of Myanmar' National Seminar organized by Society for Social Empowerment at Vishva Yuvak Kendra in New Delhi, 21-22 February 2013.

Presented another paper on 'Regional Party Politics: A Retrospective Overview' in a National Seminar organized by Bhagni Nivedita College, 18-19 March 2013.

Dr. Kumar: Chaired a session International Seminar on 'Gender and Sustainable Development' organized by B.R. Ambedkar University, Agra, 30-31 March 2013.

Ms. Ila Bhushan: Presented a paper on 'Women Empowerment: A CSR Perspective' in National Seminar at Ginni Devi Modi Girls College, Ghaziabad, 7 December 2012.

Dr. R.K. Malik: Attended a National Seminar on 'Foreign Direct Investment in India' organized by Shaheed Bhagat Singh College, 5-6 December 2012.

Dr. Preeti Shukla: Attended Shakespeare Society of India's Seminar at I.P. College for Women, and International Seminar on 'Rethinking Novel' organized by University of Delhi, 8-10 March 2013.

Dr. Amit Singh: Attended a National Conference on 'Teaching and Testing of Hindi in information Era: Problems & Perspectives', jointly organized by National Testing Service, Central Institute of Indian Languages and Kendriya Hindi Sansthan at ILL, University of Delhi, 15-16 March 2013.

Dr. Manish Karmwar: Presented a paper on 'Africa and its Diaspora: An Indian Perspective' in the International Seminar organized by JNU, 29-30 March 2013.

Ms. Neha Bothra: Presented a paper on 'Mahatma to Manmohan: Charkha or Carrefour' in the International Seminar on 'Exploring Gandhian World Order', 28-29 January 2013.

Publications

Books

Kumar, P. 2012. 'History of India (1800-1964)', Delhi: Pearson India Ltd.

2013. 'Women power under Mughals (1526-1707)', Delhi: Wisdom Publications.

Research Articles

Sharma, A.K. 2012. 'Engineering Colleges Library of Ghaziabad: A Comparative Study', in International Library Movement.

Kumar, R. 2012. 'Maoist Resurgence and Gandhian Approach', in Indian Journal of Political Science.

Karmwar, M. 2013. 'Lutyens Delhi' in the book 'Cultures in Indian subcontinent' in Hindi.

Bothra, N. 2013. 'Can Economic Vision of Mahatma Make him a Transformational Leader?' in the book 'Transformational Leadership and Beyond'.

SATYAWATI COLLEGE

Seminars/Conferences attended

Dr. Gajendra Singh: Participated in '3rd International Conference of SLA, Pasay City, Manila, Philippines on 10-12 April 2013.

Dr. Manjula Dass: Participated in '9th Three Days World Hindi Conference' in September in South Africa.

SATYAWATI COLLEGE (EVENING)

Seminars/Conferences held

Dr. V.S. Kashyap: National Seminar organized by the Department of Hindi, sponsored by UGC, 22-23 March 2013.

Seminars/Conferences attended

Mr. Akhilesh Kumar Yadav: Understanding Economic Theories through Theatre, New York, USA, 4-7 October 2012.

Mr. Rameshwar Singh: Writing and Reading Literature in a Globalised World, SGND Khalsa College, Delhi, 6 February 2013.

Dr. Mayank Kumar: Environment in Ancient and Medieval India, Jhansi, M.P., 2012.

Environmental History: New Challenges, New Horizons, A.N. College, Patna, 2012.

Publications

Books

Dr. Sarin, Swaichhik Sangathan.

SHIVAJI COLLEGE

Honours/Distinctions

Dr. Jyoti Sharma: Awarded Best Lecturer Award for 2012-13 by Higher Education Board, Government of NCT of Delhi.

Publications

Das, P.K. and Tyagi, V. 2012. 'Codes on s-periodic errors, Ratio Mathematica', Journal of Applied Mathematics, Vol. 22, pp. 61-8.

Das, P.K. 2012-13. 'Bounds on Codes Correcting Periodic Errors Blockwise', International Journal of Informatics and Communication Technology, Vol. 2(1), pp. 51-6.

2012. 'Codes Detecting and Correcting Solid Burst Errors', Bulletin of Electrical Engineering and Informatics; 1(30): 225-32.

2012. 'Codes Detecting and Locating Solid Burst Errors', Romanian Journal of Mathematics and Computer Science. 2(2): 1-10.

2012. 'Blockwise Solid Burst Error Correcting Codes', International Journal on Information Theory, 2012: 191: 11-17.

2012. (1, 3) 'Optimal Linear Codes on Solid Bursts', International Journal of Information Security Science, Vol. 1, No. 4, pp. 106-11.

Singh, G.N., Singh, V., Kumari, P., Prasad, S. and Karna, J. 2012. Rotation patterns under imputation of missing data over two-occasions. Communications in Statistics (Theory and Methods), Vol. 41, No. 10, 1857-74.

Participated in an International Conference entitled 'The Legacy of Srinivasa Ramanujan' organized by the University of Delhi, 17-22 December 2012.

Selected as a member in the panel of reviewers, Mathematical Reviews, American Mathematical Society, USA.

Worked as a reviewer for an International journal Communications in Statistics (Theory and Methods).

Malik, R. Published a research paper entitled 'Depository System in India: An Appraisal', in International Journal of Research in Social Science, (ISSN: 2249-2496).

Singh, R. Published a research paper entitled 'Perceptions of Corporate Social Responsibility: A Comparison of Managers In MNCs and Local Companies in In India' in the Journal of Knowledge Globalization (Vol. 5, No. 2).

Published a research paper entitled 'Corporate Social Responsibility Practices in India: A Comparative Study of MNCs and Indian Companies' in 'Social Responsibility Journal.' (Vol. 9, No. 4).

SRI GURU GOBIND SINGH COLLEGE OF COMMERCE

Seminars/Conferences attended

Dr. D.D. Chaturvedi: Presented a paper on 'Economic Recession and Indian Real Estate: Hopes and Implications' in XIV Annual International Conference organized by 'Global Business and Technology', New York, USA, 10-14 July 2012.

Presented paper, 'Green Effects of Economics with Empirical Evidences' in XIII Annual International Conference, organized by DSPSR, in Bangkok, Thailand, 5-6 May 2012.

Co-chairperson at the Technical Session and judged Doctoral Thesis Competition at the BIT International Conclave 2013, organized by Birla Institute of Technology (MESRA), 22-23 February 2013.

Renu Gupta: Presented paper titled, 'Demise of Development Financial Institutions in India: A Critical Appraisal' in XIII International Conference, 'Global Turbulence: Challenges and Opportunities' of DSPSR in Bangkok, Thailand, 5-6 May 2012.

Dr. Harpreet Kaur: Delivered paper on 'Caste system in Sikhism', Sikhologists Conference, 2013 at Stanford University, California, USA, 16-17 February 2013.

Satvinder Kaur and Supriya Chopra: Presented a paper titled, 'FDI- Inflows and Outflows in India' in the National Conference organized by Shaheed Bhagat Singh College, at Patel Chest Auditorium on 5-6 November 2012.

Nirmal Singh: Awarded by Best Paper Presentation Award for the paper titled, 'FDI in India and its impact on the Indian Economy' in the National Conference organized by Shaheed Bhagat Singh College, at Patel Chest Auditorium on 5-6 November 2012.

Presented the paper at the BIT International Conclave 2013, organized by Birla Institute of Technology (Mesra), 22-23 February 2013.

Publications

Books

Chaturvedi, D.D. 2012. 'Vyasthigat Arthashastra', Micro Economics-Part I & II'.

2012. 'Principles of Economics'.

2012. 'Micro Economics'.

Research Articles

Debroy, D. 2012. 'India's Economics Growth in Retrospect, A Glance at India's Economics Growth of World Focus, 394.

2013. 'Kavye Upakshita' Hindol, 15th Issue, Year 4, No. 4.

Dodrajka, S. 2012. 'Evaluating Efficacy of Internet Marketing', Review of Professional Management, Journal of NDIM, Vol. 10.

Gill, K. 2012. 'College Students Attitudes Towards Ethical Consumerism – An Indian Perspective', International Organization for Scientific Research Journal of Business and Management (IOSR-JBM) ISSN: 2278-487X. Vol. 4, Issue 5, pp. 01-13.

Gupta, R. 2013. 'Relevance of Dual External Audit and Current Audit system in India' Pezzottaite Journals: International Journal of Applied Financial Management Perspectives.

2012. 'Perceptions of Auditors on Vouching and Verification of Financial Transactions', Journal of Labour and Social Welfare.

Kaur, H. 2012. 'Environmental Administration and The Role of Judicial Systems in India', EMPI Research and Business Review (Bi-Annual Referred Journal of Management), Vol. III, Issue IV, January to June 2012.

Singh, G. and Sharma, M. 'Use of Electronic Resources by Faculty Members in Management Institutions in Delhi: A Survey' published in the Journal of Library and Information Science, 37, 1: 2012.

SRI VENKATESWARA COLLEGE

Honours/Distinctions

Dr. Vandana Joshi: Pursuing Post Doctorate Research Project on World War II. She is also an Erasmus Munus distinguished Visiting Fellow at the University College, London.

Awarded a Research Fellowship for experienced researchers from the Alexander von Humboldt Foundation, Germany.

Dr. I. Thirumali: Awarded ICSSR Senior Fellowship.

Seminars/Conferences attended

Dr. Meenakshi Bharat: Presented a paper on 'Vivilized/Barbaric: The Indian Case at the International Conference 'Barbaric' and Civilized at Univeriste Libre De Bruxcells, Belgium.

Dr. Narendra Gaur: Attended an International Seminar for Physical Education Teachers at Vierumaki, Finland, 29 July-3 August 2012.

Attended an International Conference on Sports Economics and Vision of London Olympics 2012 organized by Delhi University Sports Council, 17-19 April 2012.

Dr. Harsha Kumari: Attended the 16th India Conference of WAVES and presented a paper on the theme Vedic Views on Man and Natuure: Modern Context.

Presented a paper on 'Kautilya Arthshastsra Mein Rashtra Nisman Ki Dishon Mein Mahilaon Ka Yogdan', 1st International Conference of ISIS 2013 at Jawaharlal Nehru National Youth Centre 29 March 2013

Publications

Bharat, M. Published a book 'Ahea Shores: Tales of Refugees and Asylum Seekers' Brass Monkey: Australia, 2012' on Indo-Australian short fiction.

Vivekananthan, has a Major Research Project 'History of Forts in Kumarinadu' and published two books 'History of Thampimar' and 'Pennarasu Kaavyam'.

Singh, S. 2012. Publishhed a research paper 'High Accuracy Cubic Spline Approximation on a Geometric Mesh for the solution of ID Nonlinear Wave Equations, in Journal of Mathematical and Computational Science, Vol. 2, No. 4, pp. 1126-43.

Singh, R.P. Published two research papers titled 'Synthesis of 1,4 – dilydrophyridiine derivatives and their biological activities evaluation against *Aspergillus fumigates* Indian Journal of Chemistry, Section B, Communicated' and 'Growth and Properties of Semi Organic Non-linear Optical single crystal: L-Alanine Acetate Optik Optics, communicated'.

SCHOOL OF OPEN LEARNING

Major Activities

The SOL have started SMS service (pull & push SMS) for the students of SOL through which required information could be sent to the students. Students may also get the required information through Interactive Voice Response wherein most of the queries related to examination results, schedule of admissions etc. may be answered through telephone as the telephone line is integrated with database of SOL. The information can be accessed by the students 24 hours x 7 days.

The SOL has also started online admissions and examination registration facility for the students of SOL from the academic session 2012-2013. The students can register themselves from anywhere through internet and take admission in SOL.

Seminars/Conferences attended

Dr. U.S. Pandey: Chaired a session at National Seminar on 'Issues of Content & Technology in Contemporary Media' at Teerthanker Maheveer University, 28 June 2012.

National Conference on 'FDI in India Response and Challenge', at VP. Chest Institute, 5-6 November 2012.

The Legacy of Srinivasa Ramanujan: An International Conference at University of Delhi, 17-22 December 2012.

Chaired a session on Information Technology at National Conference on 'Innovation: The Key to Sustainable prosperity' organized by Gitarattan International Business School, Delhi, 16 February 2013.

Invited speaker at National Conference on Embedded Systems at COM – IT, New Delhi, 6 March 2013.

Chaired a session at 7th National Conference on 'Computing for Nation Development' India Com- 2013 at BVICAM, New Delhi, 7 March 2013.

Dr. N.K. Agarwalla: 17th IDEA Annual Conference-2012 on 'Quality Assurance: Open and Distance Education – Issues, Concerns, Challenges and Development' organized by the Yashwantrao Chavan Maharashtra Open University at Nashik, 17-19 April 2012.

9th IDEA Round Table Discussion of the Director's Distance Education, in collaboration with Punjab University, Chandigarh, 6 June 2012.

Dr. N.K. Agarwalla, Sh. A.K. Hasti, K.B. Gupta and Dr. K.L. Dahiya: XXV Annual Conversion-2012 on 'Indian Financial Market: Thrusts and Challenges' organized by AFCON, Department of Financial Studies, 29 September 2012.

National Conference on 'Foreign Direct Investment in India-Response and Challenge' organized by Shaheed Bhagat Singh College, at VP. Chest Institute, 5-6 November 2012.

Publications

Pandey, U.S., Vishal and Batra, S. 'Mobile banking in India: Practices, Challenges and Security Issues'. Published in International Journal of Advanced Trends in Computer Science and Engineering.

Kumar, V. and Pandey, U.S. 'Mobile Banking Services Innovations, Scope and Implications' published in proceedings of National Seminar on 'Issues of Content & Technology in Contemporary Media' at Teerthanker Maheveer University, ISBN 978-81-8457-402-9. pp. 268-77.

Vibha, Pandey, U.S. and Makkad, M. 2012. 'Barcode Payment System in Trusted Mobile Devices' published in IJCAIT, Vol. 1, Issue 111, pp. 10-6, ISSN 2278-7720 (online).

Vibha, Pandey, U.S. and Munish. 2011. 'Integration of Biometric Authentication Procedure in Customer Oriented Payment System in Trusted Mobile Devices' published in IJITCS, Vol. 1, No. 6, pp. 15-25, ISSN 2231-153 (online)

Meena and Pandey, U.S. 2012. 'Generalization of Functional Dependencies in Total Neutrosophic Relation' published in IJCSI, Vol. 9, Issue 3, No. 2, ISSN (Online): 1694-0814, pp. 294-302.

Pandey, U.S., Sangeeta and Sharma, S. 2012. 'Efficiency and performance of e-learning Projects in India' published in IJRCM, Vol. No. 2, issue No. 10 ISSN: 2231-5756.

Gupta, G. and Pandey, U.S. 2012. 'Analytical Study on Biometric Security Application in Industrial and Mobile Banking Sector', published in IJRCM.

Goyal, V., Pandey, U.S. and Batra, S. 2012. 'Bio-metric Trust and Security in Mobile banking' Published in IJARCSEE, Vol. 1, Issue 5, ISSN: 2277-9043, pp. 81-7.

Gupta, G. and Pandey, U.S. 2012. 'Biometric Security application in industrial and mobile banking sector: A review' published in IJARCSEE, Vol. 1, Issue 5, ISSN: 2277-9043, pp. 81-7.

Kavita, Pandey, U.S. and Batra, S. 2012. 'Cloud Computing process Model in Supply Chain', published in IJMBS, Vol. 2, Issue 2, ISSN 2231-2463 (print), ISSN 2230-9519.

Pandey, U.S. and Beena. 2012. 'Survey on Cluster Analysis for Gene Expression Data' published in IJERIA, ISSN: 0974-1518, Vol. 5, No. III, pp. 257-70.

Vibha, Pandey, U.S. and Makkad, M. 2012. 'A User Friendly Transaction Model of Mobile Payment with reference to Mobile Banking in India' published in IJIT, Singapore, Vol. 18, No. 2, pp. 36-54 (online).

Prateek and Pandey, U.S. 'A Model Based on Reusability of Component Repository : Cloud Computing Reusability Model' Published in Proceedings of ICRITO 2013 Trends and Future Direction at AIIT Amity University, UP, 29-31 January 2013, pp. 214-18.

Rashmi, Anurag and Pandey, U.S. 'Cloud Computing : A Gateway to Network Security' published in Proceeding of National Conference on Emerging Trends in Information Technology (NCETIT 2013) IITM New Delhi

'Green Computing : An Upcoming phase of Cloud Computing' published in Proceedings of National Conference on Current Scenario & Emerging Trends in Information Technology organized by Maharaja Surajmal Institute, New Delhi, 9 March 2013. pp. 130-34.

Jain, P. and Pandey, U.S. 'A cost efficient Architecture for the Mobile Clients using the Modern Computing Technology: Mobile Cloud computing' Published in proceedings of India Com-2013 at BVICAM, New Delhi, pp. 247-50.

Book

Pandey, U.S. 2013. Computer Fundamentals Avam Vyavsayik Upyogita, New Delhi: Kitab Mahal.

SWAMI SHRADDHANAND COLLEGE

Seminars/Conferences attended

Dr. Nupur Bahadur: Presentation poster in the International Conferennce of Young Researchers in Advanced Material organized by the Materials Research Society of Singapore, 1-6 July 2012.

Shri R.K. Srivastava: Attended an International Conferennce on deferential Geometry, functional analysis and applications, Jamia Millia Islamia, 8-10 September 2012.

Attended International Conference 'The Legacy of Srinivase Ramajunam', University of Delhi, 17-22 December 2012.

Dr. Kuhu Chanana: 'Transgender Identities and Biphobia' in 3rd Global Conference on 'Gender and Love' at Mansfield College, Oxford, United Kingdom.

'Homogenization of queer spaces in Modern Indian Literary Text' in 8th Global Conference on 'The Erotic' at Mansfield College, Oxford, United Kingdom.

Publications

Books/Research Papers

Heikham, E., Giri, B. and Kapoor, R. 2013. Ultrastructural evidence for AMF mediated salt stress mitigation in *Trigonella foenum-graecum* Mycorrhiza Jan; 23(1): 71-86 Springer Verlag.

2012. Contribution of Glomus intraradices inoculation on nutrient acquisition and mitigation of ionic imbalance in NaCl stressed *Trigonella foenum-graecum*. Mycorrhiza, Springer Verlag, 22(3): 203-17.

Kapoor, R., Evelin, H., Mathur, P. and Giri, B. 2013. 'Arbuscular mycorrhiza: approaches for abiotic stress tolerance in crop plants for sustainable agriculture' In: Crop Improvement Under Adverse Conditions, Tuteja, N. and Gill, S.S. (eds) New York, USA: Springer Science, pp. 359-401.

Paliwal, L.R. 'Direct tax Code: An overview'. In International Journal of Business Statistics and Finance.

'Social Audit and NAREGA; a case study for the district of Jodhpur Rajasthan' in Indian Journal of International Business and Finance.

Kaydyan, J. Launched and Edited an ISSN numbered journal, IJSMAAS, New Delhi.

Published a book titled, 'A Handbook on Financial Management', Pune: Gigatech Publication.

Kundra Bhatia, S. 2012. A Propound method for the improvement of cluster quality: International Journal of Computer Science, Issue, Vol. 9, Issue 4, No. 2.

Kharkwal, M. 2012. 'Synthesis and Optical properties of pure cdTiO₃'. Indian J. Chem 51A, 1538-1544.

VIVEKANANDA COLLEGE

Honours/Distinctions

Mrs. Purnima Vir: 'Best Teacher Award' by Directorate of Higher Education, Govt. of NCT of Delhi, Delhi.

Dr. Sunil K. Verma: Selected Emergent Psychologist 2012 by International Union of Psychology' in International Congress of Psychology Cape-Town.

Seminars/Conferences attended

S. Verma, D. Bhutia and T. Singh: 'Ethnicity Gender and Self: A study of North Eastern Indian Women' in International Congress of Psychology-2012 at Cape-Town, 22-27 July 2012.

S. Verma and P. Bharti: 'Development of Psychology in India: A Trend Analysis' in International Congress of Psychology Cape-Town, 22-27 July 2012.

Received a Major Research Project from ICSSR on 'A Psycho-Social Study on Intergenerational Relations in Interdependent Society.'

Publications

Research Articles

Suri, B. and Mangal, I. 'Regression Test Suite Reduction using an Hybrid Technique Based on BCO and Genetic Algorithm', published in National Conference names as 'NCRTCST-2012' and in Special Issue of IJCSI, ISSN (Print) : 2231-5292, Vol. II, Issue-1, 2.

2012. 'Analyzing Test Case Selection using proposed Hybrid Technique Based on BCO and Genetic Algorithm and a comparison with ACO', published in International Journal of Advanced Research in Computer Science and Software Engineering, ISSN : 2277 128X, Vol. 2, Issue-4.

Verma, S. and Satanarayana, A. 2012. 'Pattern of intergenerational Relations in Indian family' in Indian Journal of Gerontology. 26, 3.

Verma, S. and Satyanarayana, A. 2012. 'Intergenerational Relations in rural family: A case study of Reotipur Village' In Chauhan, B.R. and Satyanarayana, A. (ed.) Rural Life: Events and Dimensions. Rawat Publication.

Pandey, V., Mishra, S. and Verma, S. 2012. 'Social Knowledge, Its Meaning and Scope: The Social Psychological Perspective'. International Journal of Business, Management and Social Sciences, Vol. 2(1). ISSN: 2249-7463.

Verma, S. 2012. 'Dimensionalize well-being as construct in intergenerational relations research'. Indian Journal of Social Science Researches, Vol. 9, No. 1.

Verma, S., Sachdeva, S. and Pansy, V. 2013. 'Suicide among Sikkim's Youth: An Exploration Shoryabhumi, An International Multilingual Research Journal for Language, Social Science and Commerce, Vol. 1, No. 1.

ZAKIR HUSAIN DELHI COLLEGE

Seminars/Conferences held

National Seminar on 'Mainstreaming Minorities: A Human Rights Discourse in February 2013 in which eminent human right activists and academicians participated.

Honours/Distinctions

Dr. Anubha Das: Served as a jury member in the national level exhibition and project competition 'Inspire'.

Seminars/Conferences held

National Seminar on 'Mainstreaming Minorities 'A Human Rights Discourse' was organized by Zakir Husain College, 12-13 February 2013.

International Conference on 'Exploring Delhi's Social and Cultural Traditions Through Persian Literature' organized by Zakir Husain College, 7-9 November 2012.

National Seminar on 'Vyakhyan Mala Evam Karreshala' organized by Zakir Husain College in association with Sanskrit Academy on 6-7 February 2013.

Seminars/Conferences attended

Mohammed Afzal: Presented a paper on 'Women's Education and Construction of a New Muslim Woman in Late 19th Century India' in the International Seminar held in Negombo, Sri Lanka.

Presented a paper on 'Nazir Ahmad's Educational Novels: A New Moral Pedagogy' in the 41st Annual Conference in South Asia in University of Wisconsin-Madison.

Ravi Ranjan: Presented a paper on 'Interrogating Developmental Disparity and Displacement in India : A Study of Land Acquisition for Mining and Resistance Movements in Jharkhand and Chhattisgarh' at International Conference on Development Induced Displacement and Resettlement : Bridging Research and Practice, Filling the Knowledge Gaps, Refugee Studies Centre, Department for International Development, QEH, University of Oxford, 22-23 March 2013.

Dr. M.A. Beg: Presented a paper on 'Financial Inclusion: Gateway for Poverty and Unemployment' in the International Conference organized by Cheung Kong Graduate School of Business in Shanghai, China.

Presented a paper on 'Growing Regionalism in an Era of Multilateralism' in Kuala Lumpur, Malaysia. He presented another paper on 'Commercialization of Social Goods: A Behavioural Analysis' at the MAG Scholars' Conference at Gyor, Hungary.

Presented the paper on 'Current State of Indian Economy and the Future of India in the Global Market Place' at the School of Business Administration, Philadelphia University, USA. In the 20th Annual Conference on Pacific Basin Finance, Economics, Accounting and Management organized by Rutgers Business School, Rutgers University, USA.

Dr. Sonu Trivedi: Presented a paper on 'India-Myanmar Bilateral Political Relations' in the International Conference on Change in Myanmar; Impact on India-Myanmar Relations organized by MISIS at Yangon, 6 March 2013.

Dr. Malik Saleem Javed: Presented a paper on 'Havelis of Delhi' in the International Seminar at Zakir Husain Delhi College.

Dr. Jameel-ur Rehman: Presented a research paper entitled 'Bedil and Ghalib' at an International Seminar on the occasion of the 300th death anniversary of the Persian Poet Abdul Qadir Bedil, Jamia Millia Islamia, New Delhi.

Dr. Shahnaz Ara Begum: Presented a paper on 'Naziri Nishapuri Dar Kishwar-e-Hind' in an International Seminar at Jamia Millia Islamia.

Dr. Satish Ganta: Participated and made oral presentation in the 4th International Conference on Insect Science at Bengaluru, February 2013.

Dr. Aftab Alam: Presented a paper on 'Minority Rights, Civil Society and Role of Media' in the International Conference held at the Constitution Club, New Delhi, April 2012.

Presented a paper on 'Islam and Muslims in India: Lived Experiences, Values of dialogue and co-existence' in an International Conference organized by Institute of Objective Studies in February 2013.

Dr. Sulekh Chandra: Presented paper at Indian Council of Chemists held in Singapore in June 2012.

Ravi Ranjan: Presented a paper on 'Is India Shining Treating Unequal Unequally? Linking Developmental Disparity, Conflict and Resistance Movements in Jharkhand and Chhattisgarh' at 7th Biannual International Conference of India Association for Asia Pacific Studies, organized by South Asian Department, Calcutta University, Kolkata, 17-19 December 2012.

Dr. Abdul Wahid Farooqi: Presented a paper on 'Integrated Reporting: Challenges and Opportunities' at the 65th All India Commerce Conference organised by University of Mumbai.

Dr. Malik Saleem Javed: Presented a paper on 'A Critical Survey of Chahar Unsur of Bedil Dehlavi' at Jamia Millia Islamia National Seminar organised at University of Delhi and Aligarh Muslim University.

Jamshed Khan: Presented a paper titled, 'Description of Shahjahanabad's historical monuments in contemporary Persian Sources' in the National Seminar at the Centre of Advanced Study, Aligarh Muslim University.

Dr. M.A. Beg: Presented a paper on 'Growth sans Employment Syndrome: Implications for Indian Planning' at the 95th Annual Conference of the Indian Economic Association in Vishakhapatnam.

Presented paper on 'Role of FDI in Indian retail industry at the 65th All India Commerce Conference in Mumbai'.

Presented a paper on 'Energy Reforms in South Asia: Roadmap for India' in the 94th Annual Conference of Indian Economic Association in Pune.

Dr. Sonu Trivedi: Presented a paper on 'A New Beginning in Myanmar: Implications for India and China' at National Seminar on India- China- Myanmar Relations organized by the Centre for Myanmar Studies, Manipur University, 27-30 April 2012.

Dr. Aftab Alam: Presented 4 papers in National Conferences, seminars held in JNU, IIPA and University of Delhi.

Ravi Ranjan: Presented a paper on 'Joothan' – Understanding the Politics of Humiliation: A Socio-Political and Philosophical Perspective from a Dalit's Memoir' at National Seminar of Kashmir University, 18-20 March 2013.

Presented a paper on 'Colligating Developmental Disparity Violent Conflict and Dehumanization in North East India' at ICPR National Seminar on 'Social Justice Development and Secularism' organized by Mizoram University, 29-30 November 2012.

Publications

Books

Chandra, S. Concise Inorganic Chemistry published by I.K. International. Simplified Inorganic Chemistry published by Bookage Publishers (V & VI Semester).

Shah, A. Akhtarul Iman ki Shaeri.

Devesh, V. Francisi Karanti Ke Sanskritik Pehlu: Kuch Chitron Va Jivniyon Ki Nazar Se.

Research Articles

Maheshwari, A. et al., 2012. 'N-acetye- L-cysteine modulates multiple signalling pathways to rescue male germ cell from apoptosis induced by chronic hCG administration to rats'. *Apoptosis*. 17, pp. 551-65.

2012. 'Differential Modulation of apoptotic gene expression by NAC in leydig cells stimulated persistently with hCG in vivo'. *Endocrinol.* 348, pp. 155-64.

Beg, M.A. 2012. 'Melodrama of Inclusive Growth: Apathy of Agriculture in India' in Patil, R.S., Hemlata and Patil, G.K. (eds) *Good Governance and Inclusive Growth: Reforms and Development*. New Delhi.

2012. 'Health Care as a panacea for Financial Inclusion in India' in Singh, U.P. (ed.) Health Care and inclusive Growth. New Delhi.
2012. 'Some Policy Aspects of Agricultural Poverty in India' in Tomar, A.K. and Varshney, I. (eds) Crisis in Indian Agriculture. New Delhi.
2012. 'SAARC Transcending SAPTA and SAFTA: an Optical View on intra-SAARC Trade' in Thakua, A.K. and Chandramohan, B.P. (eds) Regionalism and Multi-lateralism. New Delhi.
2012. 'Growth Melodrama with Poverty; Some Estimates' in Journal of Applied Management and Investments. Ukraine.
2012. 'The Influence of Value added service quality on customer satisfaction and loyalty intention in telecommunication industry' in The Indian Journal of Commerce.
- Passey, S. et al. 2013. 'A Safe Procedure for Bromination of Acetanilide' in Resonance. Vol. 18, No. 3.
- Jehan, T. et al. 2012. Assessment of Genetic Resources of Faba Beans (*Vicia faba* L) for the collection Faba Bean (*Vicia faba* L): A Potential Leguminous Crop of India.
- Regar, S.L. 2012. 'Effect of Temperatures and Various Growth Regulators on Seed Germination of Two Variants of *Chenopodium album* L' in Phytosociological Research.
- Siddiqui, Z.H. et. al. 2012. 'Somatic embryogenesis in Ornamentals and Fruit Yielding Plants' in Somatic Embryogenesis and Genetic Transformation in Plants.
- Reeta. 2012. 'Managerial Uses of Human Resource Accounting: A Survey' in International Journal of Research in Commerce and Management.
- Yadav, L. 2012. 'RamVilas Sharma ki Tulsi Vishayak Drishti' in Sambhashiya, pp. 40-3.
2012. 'Bhakti Kaleen Sahitya Mein Hashiye Ka Samaj' in Sambhashiya, pp. 60-4.
- Abdulla, 2012. 'Characterisation of Dimension Functions of Wavelet Packets' in Jordan Journal of Mathematics and Statistics. Vol. 5(3), pp. 151-67.
2012. 'Necessary Condition for existence of Wave Packet Frames' in Southeast Asian Bull. Vol. 36, pp. 287-92.
- Kumar, S. 2013. 'Democratisation' in Biswal, T. (ed.) Comparative Politics: Institutions and Processes. New Delhi: Macmillan.
2012. 'Citizenship: A Historical and Conceptual Overview' in Acharya, A. (ed.) Citizenship in a Globalized World. New Delhi: Pearson.
- Trivedi, S. 2012. 'Myanmar's Census a Crucial Democracy Test' in The Hindu.
2012. 'Bridging the Trust Deficit' in EPW.
- Gupta, A.K. 2013. 'Materialism vs Spirituality: Neo-Vedanta Approach of Synthesis' in Idea (ISSN No.0860-4487) pp. 305-14.
- Chandra, S. Published 17 research papers in National and International Journals of repute.

ZAKIR HUSAIN POST GRADUATE EVENING COLLEGE

Ph.D. Degree awarded

Ph.D. - 1

Seminars/Conferences attended

Mr. Syed Shaheen: Attended Conference in Philipines organized by Universal Peace Foundation.

Mr. Rakesh Kumar Singh: Participated in an International Conference organized by Jamia Millia Islamia.

Publications

Books

Kumar, C. Published a book 'Right to Information and Local Governance'.

Research Papers

Raza, A. Published a research paper titled 'Inter-State Trade in India'.

Kothari, S.P. Published a research paper titled 'Bhartiya Sanghvaad aivam Vikendriyakaran'.