

85th
ANNUAL REPORT
2007-2008

PART - I



UNIVERSITY OF DELHI


19th February 2009

P R E F A C E

I am happy to present the 85th Annual Report of the University of Delhi for the year ending 31st March, 2008. The Report consists of two Parts. Part-I reflects the University's general infrastructure including its Faculties, Departments, Centres and Colleges and Part II carries Miscellaneous & Statistical Information. The Report has been approved by the Executive Council under Section-38 of the Delhi University Act, 1922. The Editorial Board, which prepared this Report, comprised of the following members:

1. Prof. Malashri Lal – *Chairperson*
Department of English
2. Prof. Rup Lal
Dean, Faculty of Science
3. Prof. M. M. Aggarwal
Dean, Faculty of Arts
4. Prof. Vivek Suneja
Dean, Planning
5. Shri Shiv Shankar
Member, Finance Committee
6. Dr. Ira Raja
Department of English
7. Dr. A. K. Dubey
Registrar

The Report presents the highlights of the activities and achievements of the University of Delhi during the academic year 2007-08.


DEEPAK PENTAL
Vice-Chancellor

CONTENTS

	<i>Page</i>
Achievements of the Year	1
Officers of the University	8
Summary of Select Decisions of the Executive Council	10
Convocation	14
Special Convocation	14
SC/ST Students' Enrolment	14
Students' Enrolment	14
In Memoriam	15
Special Assistance Programme	20
University Finance	23
Agricultural Economics Research Centre	35
Inter-Disciplinary Centre for Plant Genomics	37
Centre for Science Education and Communication	38
Centre for Canadian Studies	39
Centre for Detector and Related Software Technology	40
Centre for Environmental Management of Degraded Ecosystems	42
Centre for Entrepreneurship and Career Oriented Programme	44
Centre for Genetic Manipulation of Crop Plants	44
Developing Countries Research Centre	45
Centre for Psychoanalytic Studies	46
Institute of Informatics & Communication	47
Centre for Inter-Disciplinary Studies of Mountain & Hill Environment	48
University Science Instrumentation Centre	50
Delhi University Computer Centre	51
Prof. D.S. Kothari Centre for Science, Ethics & Education	51
Delhi University Library System	51
Women's Studies and Development Centre	55
Delhi University Women's Association	57
Guest House	58

	<i>Page</i>
International Guest House	58
Garden Committee	58
Culture Council	59
National Cadet Corps	60
National Service Scheme	60
University Employment Information & Guidance Bureau	61
Non-Collegiate Women's Education Board	61
University Press	61
Delhi University Social Centre Co-Ed. Secondary School	61
WUS Health Centre	62
Foreign Students' Registry	62
Directorate of Hindi Medium Implementation	62
The Dean Students' Welfare	63
Gandhi Bhawan	64
Aravali Post-Graduate Men's Hostel	65
Ambedkar Ganguly Students' House for Women	65
Geetanjali Hostel	65
Gwyer Hall	65
University Hostel for Women	66
International Students' House	66
International Students' House for Women	66
D.S. Kothari Hostel	67
Jubilee Hall	67
WUS University Hostel	67
V.K.R.V. Rao Hostel	67
Meghdoot Hostel	68
North Eastern Students' House for Women	68
Saramati Post-Graduate Men's Hostel	68

DEPARTMENTS

	<i>Page</i>
<i>Faculty of Arts</i>	
Arabic	71
Buddhist Studies	71
English	79
Germanic and Romance Studies	81
Hindi	85
Library and Information Science	87
Linguistics	89
Modern Indian Languages and Literary Studies	92
Psychology	97
Philosophy	99
Philosophy (SDC)	101
Punjabi	102
Sanskrit	104
Urdu	105
<i>Faculty of Science</i>	
Anthropology	106
Botany	110
Chemistry	119
Dr. B.R. Ambedkar Centre for Biomedical Research	134
Geology	137
Home Science	142
Physics & Astrophysics	143
Zoology	148
<i>Faculty of Law</i>	
Law	159
Law Centre-I	159
<i>Faculty of Education</i>	
Education	161

	<i>Page</i>
<i>Faculty of Social Sciences</i>	
African Studies	164
Adult, Continuing Education & Extension	165
Economics	167
East Asian Studies	171
Geography	177
History	183
Political Science	184
Sociology	187
Social Work	195
<i>Faculty of Music and Fine Arts</i>	
Music	198
<i>Faculty of Medical Sciences</i>	
Anaesthesiology and Intensive Care (MAMC)	199
Anaesthesiology and Critical Care (UCMS)	201
Anatomy (MAMC)	202
Biochemistry (UCMS)	203
Biochemistry (LHMC)	206
Biochemistry (VPCI)	207
Biochemistry (MAMC)	209
Community Medicine (MAMC)	210
Dermatology and STD (MAMC)	212
Forensic Medicine (UCMS)	213
Forensic Medicine (MAMC)	214
Medicine (MAMC)	214
Microbiology (LHMC)	215
Microbiology (MAMC)	216
Microbiology (UCMS)	219
Microbiology (VPCI)	220
Ophthalmology (MAMC)	221
Obstetrics & Gynaecology (MAMC)	222
Orthopaedics (MAMC)	229
Pulmonary Medicine (VPCI)	230
Pharmacology (MAMC)	235
Pharmacology (UCMS)	236
Pharmacology (LHMC)	238
Pharmacology (VPCI)	239

	Page
Physiology (LHMC)	240
Physiology (MAMC)	241
Physiology (UCMS)	242
Psychiatry (UCMS)	243
Psychiatry (MAMC)	244
Paediatrics (MAMC)	245
Pathology (MAMC)	249
Surgery (MAMC)	251
Lady Hardinge Medical College	252
University College of Medical Sciences	253
V.P. Chest Institute	269
 <i>Faculty of Technology</i>	
Electrical Engineering	277
 <i>Faculty of Mathematical Sciences</i>	
Computer Science	277
Mathematics	281
Operational Research	285
Statistics	291
 <i>Faculty of Management Studies</i>	
Business Management and Industrial Administration	293
Shanti Prasad Jain Advanced Management Research Centre (SDC)	297
 <i>Faculty of Inter-disciplinary and Applied Sciences</i>	
Biochemistry (SDC)	298
Electronic Science (SDC)	301
Genetics (SDC)	312
Microbiology (SDC)	320
Plant Molecular Biology (SDC)	325
Physical Education & Sports Sciences	332
 <i>Faculty of Applied Social Sciences and Humanities</i>	
Business Economics (SDC)	333
Slavonic and Finno-Ugrian Studies	335
 <i>Faculty of Commerce and Business</i>	
Commerce	336
Financial Studies (SDC)	345

COLLEGES

	<i>Page</i>
Acharya Narendra Dev College	349
Ahilya Bai College of Nursing	355
Ayurvedic & Unani Tibbia College	356
Aditi Mahavidyalaya	356
Amar Jyoti Institute of Physiotherapy	358
Atma Ram Sanatan Dharma College	359
Bhim Rao Ambedkar College	360
Bhagini Nivedita College	362
Bhaskaracharya College of Applied Sciences	363
Bharati College	366
College of Art	368
College of Vocational Studies	369
Delhi Institute of Pharmaceutical Sciences and Research	370
Delhi College of Arts & Commerce	372
Delhi College of Engineering	374
Deen Dayal Upadhyaya College	378
Daulat Ram College	384
Deshbandhu College	386
Dyal Singh College	388
Durgabai Deshmukh College of Special Education (Visual Impairment)	390
Gargi College	391
Hans Raj College	393
Hindu College	397
Institute of Human Behaviour & Allied Sciences	399
Institute of Home Economics	403

	<i>Page</i>
Indira Gandhi Institute of Physical Education & Sports Sciences	407
Indraprastha College for Women	408
Janki Devi Memorial College	411
Jesus & Mary College	414
Kirori Mal College	417
Kalindi College	419
Kamala Nehru College	420
Lady Shri Ram College for Women	422
Lady Irwin College	424
Lakshmibai College	427
Maharshi Valmiki College of Education	429
Miranda House	430
Maitreyi College	436
Mata Sundri College for Women	438
Motilal Nehru College	440
Motilal Nehru College (Evening)	442
Nehru Homeopathic Medical College & Hospital	443
Netaji Subhas Institute of Technology	444
P.G.D.A.V. College	450
P.G.D.A.V. College (Evening)	451
Pt. Deendayal Upadhyaya Institute for the Physically Handicapped	452
Rajdhani College	453
Ram Lal Anand College	454
Ram Lal Anand College (Evening)	455
Rajkumari Amrit Kaur College of Nursing	457
Ramjas College	458

	<i>Page</i>
Sri Aurobindo College	458
Sri Aurobindo College (Evening)	459
Shaheed Sukhdev College of Business Studies	460
Shaheed Rajguru College of Applied Sciences for Women	462
Sri Guru Tegh Bahadur Khalsa College	465
Shivaji College	468
Satyawati College	469
Satyawati College (Evening)	469
Sri Venkateswara College	471
School of Rehabilitation Sciences	474
Sri Guru Nanak Dev Khalsa College	475
School of Open Learning	476
Shyam Lal College	477
Shyam Lal College (Evening)	478
Shyama Prasad Mukherji College for Women	479
Shri Ram College of Commerce	481
Sri Guru Gobind Singh College of Commerce	483
Shaheed Bhagat Singh College	484
Shaheed Bhagat Singh College (Evening)	485
St. Stephen's College	486
Swami Shraddhanand College	487
Vivekananda College	488
Zakir Husain College	489
Zakir Husain Post-graduate (Evening) College	491

DEPARTMENTS

ACHIEVEMENTS OF THE YEAR

The University has moved ahead in its endeavour for academic renewal. The Times Higher Education Supplement (THES), in partnership with the research resources of Quacquarelli Symonds (QS), the international education and career development group published the 'Top 500 World University Rankings' for the year 2007. The University of Delhi has been placed at rank 254 for its research quality, graduate employability, international outlook and teaching quality.

Major Activities

ACADEMICS

Revision of Courses:

The University of Delhi has been responding to the rapidly growing knowledge base by channelling its efforts to revise the syllabi of various courses. The revised curriculum of several courses have been implemented from the academic session 2007-08. These include: (i) Master of Computer Application (MCA), (ii) M.A./M.Sc. Mathematics, (iii) M.A. Music, (iv) M.A. Persian, (v) B.Ed. (Special Education for the Visually Impaired), (vi) B.A.(Hons.) French, German, Spanish and Italian, (vii) Certificate, Diploma and Advance Diploma Courses in Portuguese and Romanian Studies, (viii) B.A.(Hons.) Arabic, (ix) B.A.(Hons.) Telugu and Manipuri, (x) B.A.(Hons.) Sanskrit, (xi) Bachelor of Law (LL.B.), (xii) M.A. Sociology, (xiii) M.Sc. Food & Nutrition, (xiv) M.Sc. Human Development & Childhood Studies, (xv) M.Sc. Fabric & Apparel Science, and (xvi) P.G. Diploma in Dietetics & Public Health Nutrition.

Further, a new M.Tech. Nuclear Science and Technology Programme under the aegis of the Faculty of Science started from the academic session 2007-08. In addition, the University has introduced two new post-graduate courses, namely (i) M.Sc. Development Communication & Extension, and (ii) M.Sc. Resource Management & Design Application and one P.G. Diploma in Cosmetology.

Agreements and MoUs:

In its pursuit to enrich academic inputs and experiences, the University of Delhi has maintained its tradition of entering into academic collaborations with celebrated institutions through various agreements. In the course of this endeavour, the University has signed Agreements/Memoranda of Understanding (MoU) for academic and research collaborations with many institutions, including the following Universities/Institutes abroad:

1. University of Wroclaw, Poland
2. Freie Universitat Berlin, Germany
3. Nagoya Institute of Technology, Japan
4. Yonsei University, Korea
5. Keio University, Japan

6. Sofia University 'St. Kliment Ohridski', Bulgaria
7. Kabul University, Afghanistan
8. University of Helsinki, Finland
9. University of Colima, Mexico
10. Kangnung National University, Korea
11. Universitas 21, UK
12. Chungju National University, Korea

Symposia/Seminars/Conventions, etc.

As part of the academic activities, several conferences/workshops/conventions/symposia/seminars/lectures were organised during the period under report. In the University Lecture Series, celebrated academics and eminent scholars spoke at the University. We were particularly fortunate this year to have the participation of two Nobel Laureates in our Lecture Series. Some of the speakers were:

Dr. Jorge Heine, Ambassador of Chile, spoke on 'Rise of the Left in Latin America: Role and Branches' in 2007.

Shri Fali S. Nariman, Senior Advocate, spoke on 'Our Constitution is Not for Burning' in 2007.

Dr. Ramachandra Guha, Historian, spoke on 'Why India is the Most Interesting Country in the World' on 8 August 2007.

Shri Kapil Sibal, Minister for Science & Technology and Ocean Development, spoke on 'Indo-US Nuclear Agreement' on 31 October 2007.

Ms. Valerie Pecresse, Minister of Higher Education and Research, Republic of France, spoke on 'France in the 21st Century: A Partner for India' on 2 November 2007.

Prof. Eric Maskin, Nobel Laureate (Economics, 2007), spoke on 'How should Presidents be elected?' on 17 December 2007.

Prof. Amartya Sen, Nobel Laureate, spoke on 'Inequality and Public Services' on 18 December 2007.

A number of conferences, workshops, seminars, symposia and talks on different topics were organised by the faculties and departments of the University. These include:

International Conference on 'Local Governance and Public Policy: An India-China Interaction' was organised by the Department of East Asian Studies in collaboration with Sun Yat-sen University, Guangzhou, Peoples' Republic of China, on 15-16 October 2007.

International Conference on 'Information Systems Security (ICISS-2007)' was organised by the Department of Computer Science on 16-20 December 2007.

International Conference on 'The Contentious Question of Culture/s in Contemporary Societies' was organised by the Department of Germanic & Romance Studies in 2007.

International Conference on 'European Responses to the Rebellion in India' was organised by the Department of Germanic & Romance Studies on 30-31 October 2007.

International Conference on 'e-Learning in Teacher Education' was organised by the Department of Education in 2007.

Seminar on 'Indian Muslims: Ground Realities and Challenges for Inclusive Education' was organised by the Department of Education in 2007.

National Seminar on 'Tribes of India: Identity, Culture and Lore' was organised by the Department of Modern Indian Languages and Literary Studies on 5-7 September 2007.

Seminar on 'International Trading and Banking: Emerging Challenges and Tasks in the IT Era' was organised by the Department of Commerce on 1 May 2007.

Seminar on 'Older and Wiser? Birth Order, Family Size, and IQ of Young Men' was organised by the Department of Economics in 2007.

Seminar/Panel discussion on 'Competition Law and Economics in a Globalizing World' was organised by the Delhi School of Economics in 2007.

Seminar on 'Semi Parametric Estimator of Time Series Conditional Variance' was organised by the Department of Economics on 30 July 2007.

Seminar on 'Trade Policy with Heterogeneous Traders: Do Quotas Get a Bum Rap?' was organised by the Department of Economics on 11 November 2007.

DRS Seminar on 'Comparative Literary Studies in India and Problematics of Translation between Indian languages' was organised by the Department of Modern Indian Languages and Literary Studies in 2007.

Workshop on 'Bioinformatics' was organised by the Department of Computer Science on 28 September 2007.

Workshop on 'Computational Neuroscience (CNS 2007)' sponsored by NBRC & IBRO, was organised by the Department of Computer Science on 24-27 December 2007.

Indo-Italian Workshop on 'Chemistry and Biology of Antioxidants' was organised by the Department of Chemistry on November 2007.

Indo-US training Workshop on 'Green Chemistry' was organised by the Department of Chemistry on 9 January 2008.

International Seminar on 'Revisiting Persian Sources for Indian History and Culture' was organised by the Department of Persian on 4-6 December 2007.

Workshop on 'Advances in Molecular Biology and Biotechnology' was organised by the Department of Plant Molecular Biology on April 2007.

International Seminar on 'Breeding Rice: Progress and Strategies for the Future' was organised by the Department of Genetics, Department of Plant Molecular Biology and Tilda Riceland Pvt. Ltd. on July 2007.

National Workshop on 'Green Chemistry Education' was organised by the Department of Chemistry in 2007.

National Workshop on 'Green Chemistry and National Products' was organised by the Department of Chemistry in November 2007.

DEVELOPMENT OF INFRASTRUCTURE

Works:

Since adequacy of infrastructure is critical for academic endeavours to succeed, the University has been striving to address the problem of shortage of space by taking up new constructions, and has created additional infrastructure during the period under report. The restoration and renovation of the Delhi School of Economics building is under progress.

The work of air-conditioning of the Faculty of Social Sciences building has been completed.

Modification and upgradation of the Conference Centre has been completed.

The University has installed passenger lifts in the following buildings:

1. Physics & Astrophysics and Chemistry Departments
2. Academic Research Centre
3. Faculty of Mathematical Sciences
4. Conference Centre

The University has decided to set up a Nuclear Studies Unit in the premises of the Physics Department. Accordingly, modification and renovation work is in progress in the above-mentioned building.

The University has been sensitive to the need of making its buildings disabled-friendly. Accordingly, such structures have been made in the Jubilee Hall (Hostel), Geetanjali Hostel (South Campus), Arts Faculty, Faculty of Social Sciences, Academic Research Centre and Tutorial buildings. Work in the Delhi School of Economics and Graphic Arts Centre has been completed.

Lab Upgradation:

For the first time in the history of the University of Delhi, colleges were supplied with state-of-the-art 'Core duo' computers with TFT Monitors to set up computer laboratories and enhance library and Internet connectivity for undergraduate students. Sophisticated laboratory equipments have also been made available to them to upgrade laboratory facilities for science students.

Others:

The University has been permitted by the Ministry of Information and Broadcasting to launch a frequency module (FM) radio for its community and academic purposes. It has been awarded 90.4 Hz frequency with a range of 20 kilometers. It has been christened as DU-FM Radio in its initial stage. It has been successfully established at the School of Open Learning.

It is a matter of great privilege and pride that the University of Delhi will be playing host to one competition and eleven training venues for the Commonwealth Games to be held in Delhi in October 2010.

GRANTS AND RECOGNITION

The University Grants Commission has conveyed its approval for upgradation of the University's Computer Centre under the scheme of Establishing/Upgradation of the Computer Centre during the XIth Plan. Financial assistance of Rs. 33 lakh has been provided for the purpose.

The University Grants Commission has conveyed its approval for a grant of Rs. 13 lakh to the Developing Countries Research Centre on a project mode, for a period of five years w.e.f. 1 April 2007.

A grant of Rs. 1,31,88,248 has been sanctioned to the Centre for Environmental Management of Degraded Ecosystems by the Ministry of Environment & Forest and Delhi Development Authority.

A total grant of Rs. 344.75 lakh has been sanctioned to nine Departments for strengthening the infrastructure of the Humanities, Social Sciences and Sciences under the UGC Assistance (ASIHSS) Programme. This includes the Departments of Genetics, Plant Molecular Biology, Anthropology, Persian, Music, Geography, Germanic & Romance Studies, Financial Studies and Dr. B.R. Ambedkar Centre for Bio-medical Research.

The Commission has also sanctioned Rs. 8 crore towards the XIth Plan General Development Assistance for a bouquet of schemes.

In addition to the funds allocated under the Plan and the Maintenance Grant, faculty members have been awarded grants for their research projects. As many as 115 projects with a total grant of Rs. 2846.45 lakh have been sanctioned to faculty members by various funding agencies.

AWARDS AND HONOURS

Prof. S.K. Tandon, Pro-Vice-Chancellor, has been elected Vice-President of the Geological Society of India, Bangalore.

Prof. A.K. Tyagi, Department of Plant Molecular Biology, has been awarded the J.C. Bose National Fellowship by DST, Government of India.

Prof. Anil Grover, Department of Plant Molecular Biology, has been elected to the Fellowship of the Indian Academy of Science (IASc), Bangalore, and Fellowship of the Indian National Science Academy (INSA), New Delhi.

Prof. Rup Lal, Head, Department of Zoology, has been elected Fellow of the Association of Microbiologists of India (FAMI) and also elected Fellow of the National Academy of Agricultural Sciences (FNAAS).

Prof. M.V. Rajam, Department of Genetics, has been elected Fellow of the National Academy of Sciences, Allahabad, India, and also appointed Associate Editor, *Physiology and Molecular Biology of Plants* and Consultant Editor, *Indian Journal of Plant Physiology*.

Prof. B.K. Thelma, Department of Genetics, has been awarded Centre of Excellence on Genome Sciences & Predictive Medicine (GESPREM) by the Department of Biotechnology, Government of India.

Prof. Poonam Batra, Department of Education, has been awarded the Jawaharlal Nehru Fellowship 2007, by the Jawaharlal Nehru Memorial Fund to undertake research on Teacher Education and Social Change.

Prof. S.S. Agarwal, Head, Department of Pharmacology & Principal, Delhi Institute of Pharmaceutical Sciences & Research (DIPSAR), has been awarded Principal of the Year Award-2007 by the Association of Pharmaceutical Teachers of India in Chandigarh during the Annual National Convention in October 2007. He has also been awarded an Honorary Degree of Doctor of Science (D.Sc.) by Rajiv Gandhi Technology University, Bhopal, in November 2007.

Prof. N.K. Chadha, Head, Department of Adult Continuing Education & Extension, was unanimously elected Chair of the International Consortium for Inter-generational Programming, Beth John Foundation, UK, for two years at the International Congress at Melbourne, Australia.

Dr. Sadhana Saxena was awarded the Mahapandit Rahul Sanskritayan Puraskar for writing a research-based book in Hindi by the Central Institute of Hindi, Agra (MHRD, Government of India). The award was given by the Hon'ble President of India on 18 December 2007.

Prof. Sreemati Chakrabarti, Head, Department of East Asian Studies, has been nominated as a Member of the Seoul Peace Prize Committee in South Korea.

Prof. Chander Shekhar, Department of Persian was awarded the 'Gargi Gupt Diwagish Award' by Bhartiya Anuvad Parishad in 2007.

Prof. Nishi Madan, Department of Pathology, was honoured for Dr. S.K. Sood Oration during the 16th Annual Conference of DSH at New Delhi.

Dr. K.K. Sharma, Head, Department of Pharmacology, received the Prof. Govinda Achari Oration Award in 2007.

Prof. M.M.A. Faridi, Head, Department of Paediatrics, was honoured for facilitating the 3-in-1 Infant and Young Child Feeding Workshop organised by the Maternal and Child Health Manager, Africa Foundation, Australia, for the promotion of Breastfeeding in 2007.

Prof. S.K. Bhargava, Head, Department of Radiology, has been nominated 'International Health Professional' for the year 2007 by the International Bibliographical Centre, Cambridge, England.

Prof. S.K. Bhasin, Department of Community Medicine, was nominated 'Outstanding Scientist' of the 21st Century by the International Biological Centre, England.

Dr. K.K. Sharma, Head, Department of Pharmacology, was elected President, Society of Pharmacovigilance of India.

Dr. O.P. Kalra, Principal, UCMS and Professor of Medicine, was awarded Fellowship of the Indian Society of Nephrology. He has also been awarded a Commonwealth Fellowship.

Prof. Anil Arora, Department of Orthopaedics, was awarded a Commonwealth Fellowship.

Dr. Medha Mohta, Reader, Department of Anaesthesiology & Critical Care, was awarded a Commonwealth Fellowship.

Prof. Deepti Bhalla, Department of Music and Fine Arts, has been conferred the 'National Award 2008' for her outstanding contribution in the field of Mohiniyattam, both as a performing artiste and a scholar.

Prof. S.K. Saxena, Department of Music and Fine Arts, has been conferred with the Highest Fellow Award (Kala Ratna) for his contribution as a scholar in the field of both classical music and classical dance.

Prof. Deepak Pentel, Vice-Chancellor, has been awarded 'Officer Des Palmes Academiques Award' by Ms. Valerie Pecresse, Minister of Higher Education and Research, Republic of France, for his contribution to research and education. He was also awarded the 'Bharat Shiromani Award' by the Shiromani Institute, New Delhi, and 'Jawaharlal Nehru Birth Centenary Visiting Fellowship' by the Indian National Science Academy, New Delhi.

OFFICERS OF THE UNIVERSITY

Chancellor

Hon'ble Shri Bhairon Singh Shekhawat (upto 10.08.2007)
Hon'ble Mohd. Hamid Ansari (w.e.f. 11.08.2007)

Pro-Chancellor

Justice K.G. Balakrishnan

Vice-Chancellor

Professor Deepak Pental

Pro-Vice-Chancellor

Professor S. K. Tandon

Dean of Colleges

Professor (Ms.) Shirin Rathore (up to 06.07.2007)
Professor (Ms.) Nayanjot Lahiri (w.e.f. 22.08.2007)

Director, South Delhi Campus

Professor Dinesh Singh

Director, Campus of Open Learning

Dr. (Ms.) Savita M. Datta

Treasurer

Ms. Janaki Kathpalia

Registrar

Dr. A.K. Dubey

Deans of the Faculties

Arts	:	Professor (Ms.) Shormishtha Panja	
Science	:	Professor Surinder Nath	(up to 08.06.2007)
		Professor V.K. Bhasin	(up to 07.11.2007)
		Professor Rup Lal	(w.e.f. 08.11.2007)

Social Sciences	:	Professor Bidyut Chakrabarty Professor Achin Vanaik	(up to 14.10.2007) (w.e.f. 15.10.2007)
Law	:	Professor (Ms.) Nomita Aggarwal Professor S.N. Singh	(up to 30.06.2007) (w.e.f. 01.07.2007)
Management Studies	:	Professor J.K. Mitra	
Mathematical Sciences	:	Professor M.C. Agarwal	
Medical Sciences	:	Professor P. Kar Professor (Ms.) Usha Rusia	(up to 19.10.2007) (w.e.f. 20.10.2007)
Music & Fine Arts	:	Professor (Ms.) Gita Paintal Professor (Ms.) Anjali Mittal	(up to 08.07.2007) (w.e.f. 09.07.2007)
Technology	:	Professor Pramod Kumar	
Ayurvedic and Unani Medicine	:	Dr. B.N. Sinha Dr. C.P. Dubey	(up to 31.07.2007) (w.e.f. 01.08.2007)
Education	:	Professor (Ms.) Bharati Baveja	
Inter-Disciplinary and Applied Sciences	:	Professor Ramesh Chand Kuhad	
Applied Social Sciences and Humanities	:	Professor S.K. Vij	
Commerce & Business	:	Professor Sanjay Kumar Jain	

Proctor

Professor Gurmeet Singh

SUMMARY OF SELECT DECISIONS OF THE EXECUTIVE COUNCIL

The Council accepted the recommendations of the Academic Council relating to the introduction of Discipline Course in Physical Education in B.A. Programme.

(E.C. Res. No. 4(1) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding change of nomenclature of the course from B.A. Sc.(Hons.) in Food Technology to B.Sc. (Hons.) in Food Technology.

(E.C. Res. No. 4(2) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council relating to the introduction of M.Tech. (Nuclear Science and Technology).

(E.C. Res. No. 4(3) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding revised syllabus of Master of Computer Application course.

(E.C. Res. No. 4(4) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding introduction and syllabus of Group-A Optional Paper 'Groups and Linear Representations-I and II' in M.A./M.Sc. Mathematics Part-II.

(E.C. Res. No. 4(5) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding syllabi of B.Com. Course Humanities Group in respect of History, Paper-XV and Political Science Paper-XV in Part-III.

(E.C. Res. No. 4(6) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding amendment in the criteria to pass the Part-III examination of B.A. Programme and B.Sc. Programme.

(E.C. Res. No. 4(9) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding amendment in the Ordinance-IV(3) of not allowing Inter University Migration to 2nd Professional BAMS/BUMS/BHMS courses.

(E.C. Res. No. 4(12) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding fee structure and execution of the surety bond for the Post-graduate courses in Faculty of Ayurvedic and Unani Medicines at par with the fee structure in the Faculty of Medical Sciences.

(E.C. Res. No. 4(13) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding amendment in the Regulation Constitution of Committee of Courses for addition of Composition of Committee of Courses and Studies for Vocational Subjects.

(E.C. Res. No. 4(15) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding increase in the value of Bond Money from 1.5 lakh to 3 lakh for Diploma, MD/MS and Super-speciality students.

(E.C. Res. No. 4(16) dated 08.06.2007)

The Council accepted the recommendations of the Academic Council regarding imposition of fine of Rs. 1000 per week up to 3 weeks after the prescribed last date for submission of Protocol and thesis. *(E.C. Res. No. 4(17) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding revised qualification for Reader and Lecturer, Department of Adult Continuing Education & Extension. *(E.C. Res. No. 4(18) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding the document 'Policy Statement Regarding Persons with Disability'. *(E.C. Res. No. 4(19) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding introduction of Post-graduate degree course entitled Master of Dental Surgery in different specialties in the Dental Wing, Maulana Azad Medical College. *(E.C. Res. No. 4(20) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding changes in eligibility conditions in the Bulletin of Information for Admission to Post-graduate Degree Diploma Courses-2007. *(E.C. Res. No. 4(21)(d) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding eligibility conditions and procedure for admission to Under-graduate BHMS course in Physically Handicapped category; candidates having disability of lower limbs of 50% to 70%, will be eligible for admission under this category. *(E.C. Res. No. 4(21)(m) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding eligibility conditions and procedure for admission to BAMS/BUMS course in the Physically Handicapped category, i.e. candidates having disability of lower limbs of 50% to 70% will only be eligible for admission under handicapped Category. *(E.C. Res. No. 4(21)(n) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding introduction of University Teaching Assistantship Scheme. *(E.C. Res. No. 4(21)(t) dated 08.06.2007)*

The Council accepted the recommendations of the Academic Council regarding introduction of a Scheme to strengthen research development programmes in the University by providing Research Funds to the University Faculty. *(E.C. Res. No. 4(21)(u) dated 08.06.2007)*

The Council reported and recorded letter No. F.3-1/94 PS (Vol.-9) dated 30.03.2007 regarding enhancement in the age of superannuation from 62 to 65 years for teaching positions in centrally funded institutions of higher and technical education. *(E.C. Res. No. 40(1) dated 08.06.2007)*

The Council reported and recorded letter No. F.3-1/94 PS 7 dated 03.04.2007 regarding age of superannuation of Deputy Librarians/Deputy Director Physical Education has been approved as 62 years w.e.f. 22 March 2007. *(E.C. Res. No. 40(2) dated 08.06.2007)*

The Council accepted the proposal of re-designation of posts of Information Officer, Planning Officer, Placement Advisor and Deputy Director (HRD Cell) to that of Deputy Registrar (Information), Deputy Registrar (Planning), Deputy Registrar (Placement) and Deputy Registrar (HRD Cell) respectively. *(E.C. Res. No. 48 dated 20.08.2007)*

The Council accepted the proposal for establishment of the DU-FM Radio Station at the School of Open Learning, *(E.C. Res. No. 69 dated 20.08.2007)*

The Council reported and recorded letter No. F.31-20/98(CU/JCRC) dated 18.05.2007 regarding enhancement in the age of superannuation from 60 to 62 years for the posts of Workshop Superintendent and Training and Placement Officer. *(E.C. Res. No. 75(1) dated 20.08.2007)*

The Council reported and recorded letter No. F.1-5/83 (SA-II) dated 25.04.2007 regarding implementation of service conditions of Research Scientists at par with teachers of the University in compliance with orders dated 23.01.2002 passed by the Hon'ble Delhi High Court in writ petition (Civil) No. 5090 of 2000. *(E.C. Res. No. 75(6) dated 20.08.2007)*

The Council accepted the report of the Kathpalia Committee to review the existing promotion policies for the Library Staff of the University of Delhi. *(E.C. Res. No. 76 dated 20.08.2007)*

The Council accepted the recommendations of the Academic Council regarding enhancement in the age of superannuation from 62 to 65 years for teaching positions. *(E.C. Res. No. 94 dated 08.10.2007)*

The Council accepted the enhancement in the existing monetary limits for inviting tenders or otherwise for getting the public works done through contractors in the University. *(E.C. Res. No. 95 dated 08.10.2007)*

The Council accepted the recommendations of the Academic Council regarding introduction of the following new courses in the B.A. Programme

1. Creative Writing In Bangla
 2. Translation and Interpreting (Bangla-English-Bangla)
- (E.C. Res. No. 120(2) dated 27.12.2007)*

The Council accepted the recommendations of the Academic Council regarding Ordinance for establishment of the Institute of Life Long Learning (ILLL), University of Delhi. *(E.C. Res. No. 120(4) dated 27.12.2007)*

The Council accepted the recommendations of the Academic Council regarding the proposal for change of the Management of Shri Ram College of Commerce from Shri Ram Education Foundation (SREF) to Sir Shri Ram Foundation (SRF). *(E.C. Res. No. 120(5) dated 27.12.2007)*

The Council accepted the recommendations of the Academic Council regarding creation of the Department of Dental Sciences under the Faculty of Medical Sciences.

(E.C. Res. No. 120(6) dated 27.12.2007)

The Council accepted the recommendations of the Academic Council regarding no minimum age bar for admission to under-graduate courses and post-graduate courses in the University and its Colleges except in professional courses where regulatory body prescribed minimum age requirement (such as MCI, AICTE etc.).

(E.C. Res. No. 120(7) dated 27.12.2007)

The Council accepted the recommendations of the Academic Council regarding the introduction of following new courses

1. M. Sc. (Development Communication & Extension)
2. M. Sc. (Resource Management & Design Application)

(E.C. Res. No. 120(13) dated 27.12.2007)

The Council accepted the recommendations of the Academic Council regarding institution of P.G. Diploma in Cosmetology (one year) in Shyam Lal College (Department of Chemistry) under Innovative Programme-Teaching & Research in Interdisciplinary areas.

(E.C. Res. No. 120(15) dated 27.12.2007)

The Council accepted the recommendations of the Academic Council regarding institution of one Scholarship for M.Sc.(Informatics) for both years, i.e. previous and final for reimbursement of fees and hostel charges subject to maximum of Rs. 50,000 sponsored by Bharti Foundation.

(E.C. Res.No.120(20) dated 27.12.2007)

The Council accepted the recommendations of the Academic Council regarding introduction of Master in Dental Surgery: 2 seats for Oral and Maxillofacial Surgery and one seat for Prosthetic Dentistry at the Dental Department of the Army Hospital (R&R), Delhi Cantt. New Delhi.

(E.C. Res.No.120(21) dated 27.12.2007)

The Council accepted the recommendations of the Academic Council regarding introduction of the Post-graduate Degree Course in MD (Microbiology) with one seat at the Army Hospital (R&R) under the Faculty of Medical Sciences.

(E.C. Res.No.120(22) dated 27.12.2007)

The Council accepted the recommendations of the Academic Council regarding revision of delegation of financial powers to the Joint Registrar, Deputy Registrar and Assistant Registrar.

(E.C. Res. No. 170 dated 04.02.2008)

The Council reported and recorded O.M. No. 1/19/03-P & PW (E), dated 06.09.2007 with regard to extension of the scope of family pension to unmarried daughters of Central Government Servants/Pensioners.

(E.C. Res. No. 190(2) dated 04.02.2008)

CONVOCATION

The eighty-fifth Annual Convocation was held on 23 February 2008. Former Air Chief Marshal of the Indian Air Force Shri Arjan Singh was the Chief Guest. The convocation was presided over by Prof. Deepak Pental, Vice-Chancellor, University of Delhi.

The total number of candidates admitted to the Ph.D., D.M. and M.Ch. degrees in various faculties was 409.

In addition, 70,242 candidates were admitted to various degree courses including those of Bachelors, Masters, LL.B., M.B.B.S. and M. Phil. A total of 119 medals and 52 prizes were awarded.

SPECIAL CONVOCATION

The Special Convocation was also held on 21 January 2008 for conferment of Honorary Doctorate Degree i.e. D.Litt. (Honoris Causa) on Right Mr. Gordon Brown, Hon'ble Prime Minister of United Kingdom. The convocation was presided over by Hon'ble Vice-President of India, Chancellor, University of Delhi. Mohd. Hamid Ansari.

SC/ST STUDENTS' ENROLMENT

During the period under report, the total number of SC and ST students enrolled in the various Under-graduate and Post-graduate courses of the University were 15,080 and 4,434 respectively. Out of 15,080 SC students, 695 in Engineering & Technology, 407 in Medicine, 27 in Ayurvedic & Unani, 59 in Homeopathic, 39 in Pharmacy, 482 in Law, 104 in Management, 12 in Computer Science, 11 in Library Science, 74 in Fine Arts, 190 in Education, 3470 in Commerce, 6867 in Arts Courses, 1913 in Science Courses, 85 in M.Phil. Course, 132 in Ph.D. Programme and 513 in various Certificate and Diploma Programmes were enrolled in the various Colleges and Department of the University. Similarly, out of 4,434 ST students, 339 in Engineering and Technology, 169 in Medicine, 10 in Ayurvedic & Unani, 16 in Homeopathic, 08 in Pharmacy, 261 in Law, 34 in Management, 04 in Computer Science, 04 in Library Science, 34 in Fine Arts, 87 in Education, 520 in Commerce, 2,251 in Arts Courses, 546 in Science Courses, 51 in M.Phil. Course, 26 in Ph.D. Programme and 74 in various Certificate and Diploma Programmes were enrolled. A table showing the number of SC/ST students in each year has been enclosed at the end of the Report.

STUDENTS' ENROLMENT

The total number of students enrolled in the University during the academic year 2007-08 was 362,421. Out of these 117,521 students were enrolled in the Colleges; 15,096 in the University Departments; 156,240 in the School of Open Learning; 14,849 in the Non-Collegiate Women's Education Board and 58,715 in the External Candidates' Cell.

IN MEMORIAM

Prof. Dharam S. Aggarwal
(17.03.1931 to 12.03.2007)

Prof. Dharam S. Aggarwal completed his B.A. in 1951, M.A. in 1953, Diploma in Library Science in 1954, Masters' in Library Science in 1955 from the University of Delhi and M.S. in 1967 from Simmons College, Boston, USA. He joined the University of Delhi as a Lecturer in 1959 and was promoted as Reader in 1972 and as Professor in 1984. He was Head of the Department of Library & Information Science from 1979-82 and 1988-91. He retired from the University services in 1996.

He organised a workshop on 'Computer Application in Libraries' in 1979. He supervised the research of several M.Phil. and Ph.D. scholars. He has a number of publications to his credit in renowned national and international journals. In addition, he authored a book 'Universe of Knowledge' in 1985. He was a life member of various professional bodies, viz., Indian Library Association and Delhi Library Association. He had a good command over many languages including English, Sanskrit, Urdu, German and Russian.

Prof. (Ms.) Sumiti Mutatkar
(10.09.1916 to 28.02.2006)

Prof. Sumiti Mutatkar was a beacon in the field of music. She completed her B.A. in 1938, Sangeet Visharad in 1943, Sangeet Nipun in 1946 and Sangeet Acharya in 1949 from Lucknow University.

Prof. Mutatkar served as Director of Music (1953-56) and Deputy Chief Producer, Music (1956-58 & 1965-68) in All India Radio. She joined as a Reader in the Department of Music, University of Delhi, in 1968. She was promoted as Professor in 1972. She was Head of the Department of Music & Fine Arts for about 10 years.

She supervised the research work of many students for Ph.D. She contributed a number of articles and research papers and attended national and international seminars in India and abroad. She was awarded the National Sangeet Natak Akademi Fellowship (1979), Padmashree (1999), Kalidas Samman (2001), Bhatkhande Memorial Puraskar, Sahitya Kala Parishad Samman (Delhi) and Brihan Maharashtra Samman.

Prof. (Ms.) Aneeta A. Minocha

(09.09.1943 to 05.10.2007)

Prof. Aneeta Minocha completed her B.A. (Hons.) Philosophy in 1963, M.A. Sociology in 1965, Diploma in French in 1962 and Ph.D. in 1975 from the University of Delhi. She was appointed as a Lecturer in the Department of Sociology in 1968, promoted as Reader in 1973 and as Professor in 1985. She was Head of the Department of Sociology (1994-97) and Director, Delhi School of Economics (2002-05), Co-ordinator for the UGC Centre for Advanced Studies in Sociology (1994-97), Provost/Warden of University Hostels for 14 years (1985-99) and member of Governing Bodies of various Colleges.

She contributed more than 35 research papers. Besides, she also authored two books. She had supervised a number of Ph.D. and M.Phil. students. As a medical sociologist, she was associated with research and policy-making bodies, viz., ICSSR, ICMR, WHO, Population Foundation of India, CHEB and the National Institute of Health & Family Welfare. She was awarded Senior Fellowship by ICSSR (1986-88) and Visiting Fellow, Punjab University, under the UGC SAP Scheme in 1997.

Dr. (Ms.) Aruna Sitiesh

(1945 to 19.11.2007)

Dr. (Ms.) Aruna Sitiesh obtained her Masters' degree in English in 1965 and Ph.D. in 1970 from the University of Allahabad. She joined as a Lecturer in English in Indraprastha College in 1967. She was appointed Principal of the College in 1997. She was awarded a British Council Grant-in-Aid in 1981; Senior Fulbright Fellow, Chicago University, in 1991-92; Visiting Scholar, Rockefeller Foundation Study Centre, Italy, 1993 and Australian Deakin University Grant 2005. She published a number of research papers, contributed to creative writing in Hindi (Collection of Short Stories) *Vahi Sapne*, *Koi Ek Adhoorapan*, *Lakshman Rekha*, *Chhalang* and *Chand Bhi Akela Hai* (Novel) and translated into English of a number of works in Hindi literature (novel, poems and stories). She had been co-editor of *Pratibha India*, a quarterly journal of Indian Art, Culture and Literature since 1981.

Dr. A. S. Kukla

(07.09.1935 to 25.09.2007)

Dr. A.S. Kukla completed his B.Sc. (Hons.) in 1957, M.Sc. Chemistry in 1959 and Ph.D. in 1963 from the University of Delhi. He was appointed as a Lecturer in the Department of Chemistry in 1965. Subsequently Dr. Kukla was appointed full-time Dean, Students' Welfare, from 1973-91, and later the first Principal of Acharya Narendra Dev College from 1991-2000. Dr. Kukla was appointed Vice-Chancellor of Dr. Bhimrao Ambedkar University, Agra, in the year 2004.

Dr. Kukla visited USA, UK, USSR and Japan under the UNESCO, British Council and other programmes. He had accumulated vast experience in students-related activities and student-community relations, which helped the University immensely in student welfare and administration. He launched a special training and placement drive in the University during 1987-90 whereby a number of students received training and jobs. Dr. Kukla was also a member of the UGC Committee on Students' Services and Employment Generation Council of Delhi.

Prof. R.N. Chopra

(12.10.1929 to 23.10.2007)

Prof. R.N. Chopra completed his M.Sc. in 1953 and Ph.D. in 1959 from the University of Delhi. He began his career as a Research Associate in 1956 in the Department of Botany. He was appointed as Lecturer in the Department of Botany in 1958 and promoted as Reader in 1963. He became a Professor in 1977. He was awarded a Post-Doctoral Fellowship at Duke University, USA, Fulbright Fellowship in 1962-63 and UNESCO Senior Fellowship at the University of London in 1972. He has 140 research publications to his credit. He was Head of the Department of Botany from 1982-85, Provost Gwyer Hall (1980-83) and Additional Secretary of the International Society of Plant Morphologists (1975-84). Prof. Chopra guided several students for M.Phil. and Ph.D. He also authored two books and edited a volume on Bryophytes.

Prof. Naresh Kumar Mehra
(07.03.1944 to 24.04.2007)

Prof. Naresh Kumar Mehra completed his M.Sc. in 1965 and Ph.D. in 1978 from the University of Delhi. He began his career as a Lecturer in Zoology in Hans Raj College in 1970. He joined the Department of Zoology as a Reader in 1988 and was promoted Professor in 1998. Prof. Mehra enriched Pisces Biology and Fresh Water Ecology in the Department of Zoology. In 1972, he was nominated by the Internal Biological Programme (IBP) Committee to participate in the IBP/PF-UNESCO symposium in the UK and visited the Centre of Limnology, Netherland Institute of Ecology, Netherland. Prof. Mehra supervised a number of students for M.Phil. and Ph.D. degrees. He has a number of research publications to his credit.

Prof. J.L. Kaul

Prof. J.L Kaul was Principal of the College of Pharmacy, now known as the Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR). He also worked as Drug Controller of Delhi Administration. He occupied high positions in various professional associations, such as President of the Indian Pharmacy Graduate Association (1984-86), Vice-President, Indian Pharmaceutical Association (HQ) and Vice-President and President of the Pharmacy Council of India (1985-93). He also presided over the 40th Indian Pharmaceutical Congress.

Prof. M.R. Vijayaraghavan

(12.05.1932 to 12.01.2008)

Prof. M.R. Vijayaraghavan obtained his Masters' degree from Annamalai University and joined the Department of Botany, University of Delhi. He was awarded his Ph.D. degree in August 1963. He became a Lecturer in 1964 and a Reader in 1977. He was elevated to the position of Professor in 1984. He supervised the work of a number of M.Phil. and Ph.D. students. He authored four books and published more than 150 research papers in reputed international journals.

Prof. G.S. Gupta

Prof. G.S. Gupta joined as a Lecturer in the Faculty of Management Studies in 1972, was promoted as Reader in 1978 and as Professor in 1989. He was invited to join the Nuffield Centre for Health Services Studies, Leeds, UK, for one year and as Academic Visitor at the London School of Economics and Political Science, University of London. He was also appointed Consultant with the World Bank for a period of one year. He had taken care of MBA (Health Care Administration) as Programme Coordinator for a number of years and was also Placement Advisor for the MBA (Full Time) Programme. He served as Dean, Faculty of Management Studies. He was a very popular teacher with a great sense of humour. He superannuated in 2004 from the University's services.

SPECIAL ASSISTANCE PROGRAMME

Plan Development Fund

The UGC released 'on account grant' of Rs. 1633.33 lakh under the XIth Plan General Development allocation to the University of Delhi in two instalments.

The UGC also released Rs. 8.00 crore towards the XIth Plan General Development Assistance for 11 merged schemes and Rs. 2.00 crore for awarding Non-Net fellowships to M.Phil./ Ph.D. scholars.

The UGC has approved Special Assistance to the following Departments under its Special Assistance Programme:

Department of Geography: The UGC conveyed its approval for continuation of the Special Assistance from DRS-I to DRS-II to the Department for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 20.00 lakh
Recurring	:	Rs. 20.00 lakh + 2 Project Fellows
Total	:	Rs. 40.00 lakh + 2 Project Fellows

Department of Persian: The UGC conveyed its approval to the Department at the level of DRS-I for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 20.00 lakh
Recurring	:	Rs. 18.50 lakh
Total	:	Rs. 38.50 lakh

Department of Anthropology: The UGC conveyed its approval to the Department at the level of DRS-I for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 11.00 lakh
Recurring	:	Rs. 22.25 lakh + 1 Project Fellow
Total	:	Rs. 33.25 lakh + 1 Project Fellow

Dr. B.R. Ambedkar Centre for Biomedical Research: The UGC conveyed its approval to Centre at the level of DRS-I for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 25.00 lakh
Recurring	:	Rs. 14.00 lakh
Total	:	Rs. 39.00 lakh

Department of Germanic & Romance Studies: The UGC conveyed its approval to the Department at the level of DRS-I for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 10.00 lakh
Recurring	:	Rs. 17.50 lakh + 2 Project Fellows
Total	:	Rs. 27.50 lakh + 2 Project Fellows

Department of Music: The UGC conveyed its approval for the continuation of the programme from DRS-II to DRS-III to the Department for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 17.50 lakh
Recurring	:	Rs. 20.50 lakh
Total	:	Rs. 38.00 lakh

Department of Hindi: The UGC conveyed its approval for financial support to the Department at the level of DRS-I for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 10.00 lakh
Recurring	:	Rs. 15.50 lakh + 1 Project Fellow
Total	:	Rs. 25.50 lakh + 1 Project Fellow

Department of Mathematics: The UGC conveyed its approval for the continuation of the programme from the level of DRS-II to DRS-III to the Department for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 6.00 lakh
Recurring	:	Rs. 27.50 lakh
Total	:	Rs. 33.50 lakh

Developing Countries Research Centre: The UGC conveyed its approval for the Special Assistance to Centre at the level of DRS-I for a period of 5 years (01.04.2007 to 31.03.2012).

Non-Recurring	:	Rs. 13.00 lakh
Recurring	:	Research Associate -1 (the position is co-terminus with the tenure of the programme)

Women's Studies and Development Centre: The UGC conveyed its approval of Grant-in-aid of Rs. 10.00 lakh towards the 1st instalment of recurring grant to the Centre under the Plan expenditure during the year 2007-08.

Centre for Professional Development in Higher Education: The UGC conveyed its approval for the conversion of the following 'Plan posts' of the Academic Staff College (CPDHE) of the University into 'Non-Plan posts' :-

(a) **Academic Staff:**

1.	Professor	1
2.	Reader	1
3.	Lecturer	1

(b) **Non-teaching staff:**

1.	Section Officer	1
2.	Senior Assistant	1
3.	Computer Assistant	1
4.	Jr. Assistant	1
5.	Librarian or Technician	1
6.	Steno-Typist/Computer Operator	1
7.	Office Attendant	1
8.	Hostel Attendant	1

The UGC conveyed its approval to reimburse the expenditure for the conduct of Orientation Programmes/Refresher Courses/Principal/Academic Administrators' workshops out of the plan grants.

The UGC also conveyed its approval for Guest House accommodation for the Academic Staff College. The Commission agreed to provide Rs. 75.00 lakh for this purpose during the XIth Plan period.

The UGC has approved Special Assistance to the following Departments for strengthening the infrastructure in terms of power supply, water supply, safety equipment, laboratory work tables and infrastructure required, including the component of research at P.G. level:

2nd instalment of Rs. 30.00 lakh to the Department of Zoology

2nd instalment of Rs. 30.00 lakh to the Department of Geology

1st instalment of Rs. 20.00 lakh to the Department of Physics & Astrophysics

2nd instalment of Rs. 30.00 lakh to the Department of Chemistry

1st instalment of Rs. 20.00 lakh to the Department of Geography

1st instalment of Rs. 20.00 lakh to the Department of Mathematics

1st instalment of Rs. 20.00 lakh to Dr. B.R. Ambedkar Centre for Bio-Medical Research

1st instalment of Rs. 40.00 lakh to the Department of Operational Research, Bio-Chemistry, Micro-biology and Electronic Science (Rs. 10.00 lakh to each Department).

UNIVERSITY FINANCE

The Annual Accounts of the University for the year 2007-08 comprise the following accounts:

1. University Accounts, i.e. the Maintenance Grants Accounts and Earmarked Accounts, including Plan Development Accounts and Miscellaneous Account.
2. Provident Fund Account
3. University Press Account
4. University Maintained Halls/Hostels Account.

1. (a) BALANCE SHEET AS AT 31ST MARCH 2008

A summary of the above accounts for the year 2007-08 is given below:

CAPITAL FUND AND LIABILITIES

	<i>Amount in Rs.</i>	
	Current Year 2007-08	Previous Year 2006-07
Capital Fund Reserves and Surplus	1084502030	962852249
Earmarked/Endowment Fund	3033758703	2331613735
Current Liabilities and Provisions	70427646	84107854
Total :	4188688379	3378573838

ASSETS

Fixed Assets	843366577	759021972
Investment from Earmarked/Endowment Funds	262376500	290475500
Investment Others		
Current Assets, Loan, Advances etc.	3082945302	2329076366
Total :	4188688379	3378573838

**1. (b) INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED
31ST MARCH 2008**

	<i>Amount in Rs.</i>	
Particulars	Current Year 2007-08	Previous Year 2006-07
(A) INCOME		
Grants/Subsidies	1546834000	1387805000
Fees/Subscriptions	294812750	299444575
Income from Royalty, Publication etc.	1783908	4639660
Interest Earned	5039064	5166626
Other Income	33987462	38251387
	<hr/>	<hr/>
Total (A) :	1882457184	1735307248
	<hr/>	<hr/>
(B) EXPENDITURE		
Establishment Expenses	1078679953	993668104
Other Administrative Expenses	666610526	559857816
Expenditure on Grants, Subsidies etc.	43256584	42827834
Depreciation	212157161	192249806
	<hr/>	<hr/>
Total (B) :	2000704224	1788603560
	<hr/>	<hr/>
Excess of Income over Expenditure/(Expenditure over Income)	(118247040)	(53296312)
Less: Transfer from Plan Fund/(Transfer to Plan Fund)	(45000000)	(45000000)
Less: Prior period expenses:		
Remittance relating to previous years		(21150528)
Printing & Binding through University Press		(7305907)
Balance being Deficit carried to Capital Fund	(73247040)	(126752747)

1. (c) RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH 2008

Receipts

Amount in Rs.

	Current Year 2007-08	Previous Year 2006-07	
Opening Balances			
Bank Balance			
(i) Current Account	44572106		69359887
(ii) Savings Accounts	566714933		896170151
(iii) Deposit Accounts	1372953269	1984240308	658323389
Grants Received			
From UGC		1546834000	1387805000
Interest Received from Investment		5295228	5181452
Other Income			
Fees and Subscriptions		294812750	299444575
Sale of Publications		1783908	4639660
Income from Building, lands, etc.		4033973	5647051
Miscellaneous		19670552	30485444
Other Departments		618600	1566085
Sale of Fixed Assets		9664338	552807
Any other receipts			
Permanent Advance		1000	10000
Other Receipt from Earmarked Funds		1719967856	1377025639
Other Receipts		331526	50803733
Deductions		269268937	257236992
LTC Advance		211365	
Festival Advance		1952060	723245
Other bodies transactions			549740
Total :		5858686401	5045524850

Payments	<i>Amount in Rs.</i>	
	Current Year 2007-08	Previous Year 2006-07
Expenses		
(a) <i>Establishment Expenses</i>		
Salary and allowances	1078679953	993668104
(b) <i>Administrative Expenses</i>		
Administrative expenses	698047794	636402391
Prepaid expenses	30880481	4116754
(a) Payments against Earmarked Funds	780354821	788260899
(b) Payments against Funds for various Projects		
Investments and Deposits made		87975000
Expenditure on Fixed Assets		
Purchase of Fixed Assets	297587168	63364276
Finance Charges		
Other Payments		
Advances out of Earmarked Funds	290610484	123569720
Other Body Transactions	23461495	487305
Festival Advance	1960905	738150
Advances	21676644	113667917
Permanent Advance	3000	10000
Medical Advance	222600	
Remittances	267240673	249024026
Closing Balances		
(i) Deposit Accounts	1153568869	1372953269
(ii) Bank Balance		
(a) Current Account	101089883	44572106
(b) Savings Accounts	1113301631	566714933
Total :	5858686401	5045524850

PROVIDENT FUND ACCOUNT

2. (a) CONSOLIDATED BALANCE SHEET AS AT 31ST MARCH 2008

		<i>Amount in Rs.</i>	
LIABILITIES		Current Year 2007-08	Previous Year 2006-07
Subscribers Account			
General Provident Fund		1590109044	1463364534
Contributory Provident Fund		458503865	411766632
New Pension Scheme		13803657	4204836
Interest Reserve Account		68502978	50610081
Other Liabilities		240	-
Total :		2130919784	1929946083
 ASSETS			
Investments		1391609300	1391609300
Interest Accrued but not due		91410440	33426303
Receivables		-	8646
Bank Balances with Scheduled banks in:			
Savings Accounts		14580044	11521834
Deposit Accounts		633320000	493380000
Total :		2130919784	1929946083

2. (b) CONSOLIDATED INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2008

		<i>Amount in Rs.</i>	
(A) INCOME		Current Year 2007-08	Previous Year 2006-07
Opening Balance		-	79513567
Interest realised during the year			
CPF A/c No. (DU-10851298457)	65240947		
GPF A/c No. (DU-10851298435)	44133383		
NPS A/c No. (DU-10851299915)	332319		

Add : Interest Accrued	65722419	
	175429068	
Less : Interest Accrued for the year 2006-07 but realised during the year 2007-08	-7738282	167690786
Adjustment relating to previous years		79881
		11429270
Total (A) :	167770667	190418369

(B) EXPENDITURE

Interest allowed to Subscribers	149832115	139801313
Bank Charges	45655	6975
Total (B) :	149877770	139808288

Balance being excess of Income over Expenditure,
transferred to Interest Reserve

Account (A-B)	17892897	50610081
---------------	----------	----------

**2. (c) CONSOLIDATED RECEIPTS AND PAYMENTS ACCOUNT FOR THE
YEAR ENDED 31ST MARCH 2008**

Receipts	<i>Amount in Rs.</i>	
	Current Year 2007-08	Previous Year 2006-07
To Opening Balance in:		
Saving Accounts	11521834	91746992
To Fixed Deposit encashed	113380000	345000000
To Interest Received	109706649	160232629
To GPF Subscription	222682088	210158991
To CPF Subscription & Contribution	46237180	43047274
To NPS Subscription & Contribution	8935884	4070903
To Other Receipts	31707	-
Total :	512495342	854256789

Payments	<i>Amount in Rs.</i>	
	Current Year 2007-08	Previous Year 2006-07
By Loan/Withdrawal/Final Payments to		
GPF Subscribers	212548204	257393798
CPF Subscribers	32001439	51954182
By Investment in Fixed Deposit	253320000	533380000
By Bank Charges	45655	6975
By Closing Balance in:		
Savings Accounts	14580044	11521834
	<hr/>	<hr/>
Total :	512495342	854256789
	<hr/>	<hr/>

UNIVERSITY PRESS

3. (a) BALANCE SHEET AS AT 31ST MARCH 2008

ASSTES

	<i>Amount in Rs.</i>	
	Current Year 2007-08	Previous Year 2006-07
Machinery, Furniture & Equipment	2225108	2803920
Amount Receivable	12406271	11554466
Auction Amount	1852000	1852000
Stock in Hand		
Raw Material	873588	448101
Finished Goods	69225	86155
Work in Progress	132000	290000
Cash in Bank	8848373	5559107
Festival Advance	12950	12650
Permanent Advance	1000	1000
	<hr/>	<hr/>
Total :	26420515	22607399
	<hr/>	<hr/>

Funds & Liabilities	<i>Amount in Rs.</i>	
	Current Year 2007-08	Previous Year 2006-07
Sundry Creditors:		
Deduction from Salary Bills	686710	705612
Bills Payable	934133	1109685
Wrong Receipt	Nil	31053
Cancelled Cheque	Nil	63697
Loan Advances:		
Advance for work to be done	130000	130000
Inter Bank Transfer	17395492	17395492
Earnest Money	10500	10500
Capital	7263680	3161360
	<hr/>	<hr/>
Total :	26420515	22607399
	<hr/>	<hr/>

3. (b) PROFIT & LOSS ACCOUNT FOR THE YEAR 2007-08

Particulars	Current Year 2007-08	Previous Year 2006-07
<i>To Opening Stock:</i>		
Raw Materials	448101	621481
Finished Goods	86155	84300
To Work in Progress	290000	161000
<i>To Pay and Allowances:</i>	4157294	353803
O.T.A.	5968	11358
L.T.C.	4582	25291
Tuition Fees	480	3840
Bonus	56124	61675
Medical Reimbursement	508444	111770
To Purchase of Raw Materials	3948408	3494041
To Misc. Contingent Exp.	81436	140301
To Rate, Rent and Taxes	5227	6950
To Work done through Outside Agency	3881607	5369152

Depreciation:

Machinery, Furniture & Equipment 193483	243569	
Loss sale of Assets	130829	Nil
Profit:	4102320	3914496

Total :	17900458	17603027
----------------	-----------------	-----------------

Particulars	Current Year 2007-08	Previous Year 2006-07
-------------	-------------------------	--------------------------

Receipts:

By Printing and Binding Bills	16731849	16778771
By prior items	93796	
By Closing Stock:		
Raw Materials	873588	448101
Finished Goods	69225	86155
By Work in Progress	132000	290000

Total :	17900458	17603027
----------------	-----------------	-----------------

3. (c) RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH 2008

Receipts :	<i>Amount in Rs.</i>
------------	----------------------

Opening Balance of the Funds

Bank Balance	5559107
Income	15880044
Deduction	1733499
Sale of Fixed Assets	254500
Festival Advance	11700
Other receipts	6035

Total :	23444885
----------------	-----------------

Payments :	<i>Amount in Rs.</i>
Expenses	
Establishment Expenses	4732892
Other Administrative expenses	
Expenditure	8092230
Festival Advance	12000
Remittances	1752401
Other payment	6989
Closing Balance	
Bank Balance	8848373
Total :	23444885

HALLS AND HOSTELS

4. (a) BALANCE SHEET AS AT 31ST MARCH 2008

	<i>Amount in Rs.</i>	
CAPITAL FUND AND LIABILITIES	Current Year 2007-08	Previous Year 2006-07
Capital Fund and Liabilities	82418317	75101730
Earmarked/Endowment Funds	9426543	9256897
Current Liabilities and Provisions	7487874	8161343
Total :	99332735	92519971
 ASSETS		
Fixed Assets	54461852	52093649
Investment From Earmarked/Endowment Funds	478500	478500
Investments Others	12563539	9032555
Current Assets, Loans, Advances, etc.	31883068	30968113
Miscellaneous Expenditure	-54224	-52846
Total :	99332735	92519971

**4. (b) INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED
31ST MARCH 2008**

	<i>Amount in Rs.</i>	
INCOME	Current Year	Previous Year
	2007-08	2006-07
Income from Sales/Services	9839148	4922330
Grants/Subsidies	54142046	38873746
Fees/Subscriptions	15591651	17541361
Income from investments (Income on Investment from earmarked/endowment funds transferred from Funds)	-	557525
Income from Royalty, Publications etc.	-	509784
Interest Earned	1499654	1289310
Other Income	5340167	3531064
	<hr/>	<hr/>
Total (A) :	86412666	67225119
	<hr/>	<hr/>
EXPENDITURE		
Establishment Expenses	39771487	35930957
Other Administrative Expenses	25714247	21301433
Interest	7017	3444
Depreciation	14948083	16661963
	<hr/>	<hr/>
Total (B) :	80440834	73897796
	<hr/>	<hr/>
Balance being Excess of Income over expenditure (A-B)	5971832	-6672677
Balance being surplus (Deficit) carried to capital fund	5971832	-6672677

4. (c) RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH 2008

	<i>Amount in Rs.</i>	
Receipts	Current Year 2007-08	Previous Year 2006-07
Opening Balances	24519656	22218643
Grants Received	54486402	39022950
Income on Investments	4781904	4218156
Interest Received	649241	628439
Other Income	29243548	25835812
Any other Receipts	8943067	7012075
Total :	122623818	98936076

	<i>Amount in Rs.</i>	
Payments	Current Year 2007-08	Previous Year 2006-07
Expenses		
Establishment Expenses	39551750	37635382
Administrative Expenses	24843836	18630715
(A) Payments Against Earmarked Fund	3848057	4012736
(B) Payment Against Projects	771538	3950
Investments and Deposits made	5158394	4325713
Expenditure on Fixed Assets & Capital work-in-progress	15717053	4505242
Finance Charges	276667	320320
Other Payments	5210890	982363
Closing Balances	27245633	24519656
Total :	122623819	98936076

AGRICULTURAL ECONOMICS RESEARCH CENTRE

Major Activities

The following are the current major areas of research:

- Instability in Production and Trade of Pulses: A Global Analysis
- State Budgetary Resources and Agriculture Development in Haryana and Uttaranchal
- The Impact of Macro Management of Agriculture Scheme in Haryana and Uttaranchal
- Impact Assessment Studies of Agricultural Marketing Reforms in Haryana and Uttaranchal

Library Development

The library has utilised Rs. 0.34 lakh (approximately) for the purchase of books and journals in the field of agricultural economics and on allied subjects.

Seminars/Conferences attended

Dr. Usha Tuteja: Discussant in Technical Session in the National Seminar on 'Gender Issues in Agriculture in the Visioning Policy Analysis and Gender', National Centre for Agriculture Economics and Policy Research, Pusa, New Delhi, 26-27 June 2007.

Chaired a session in a National Seminar on 'Gender and Livelihood Security in Rural India', Oxfam, New Delhi, 19 July 2007.

National Seminar on 'Agrarian Distress: Problems and Remedies', Indian Society of Agricultural Economics and National Centre for Agriculture Economics and Policy Research, 1-2 August 2007.

National Conference on 'Emerging Platforms for Agriculture Marketing', Ministry of Agriculture and Federation of Indian Chambers of Commerce and Industry, New Delhi, 20-21 September 2007.

International Conference on 'Universalizing Socio-Economic Security in South Asia', Institute of Human Development and Institute of Social Studies, The Hague, 17-20 February 2008.

National Seminar on 'The Metropolitan Regional Planning-Status of Prospects', UGC Seminar, Department of Geography, Delhi University, 14-15 March 2008.

National Seminar on 'The Contemporary Family in India', Department of Sociology, Delhi University, 18-19 March 2008.

Dr. R.P.S. Malik: Seminar on 'Subsidies', International Livestock Research Institute, Addis Ababa, Ethiopia, March 2008.

Dr. D.S. Bhupal: Special Lecture 'India's Growth Story-case for Inclusiveness', Annual Conference of the Rajasthan Economic Association, N.M. (PG) College, Rajasthan, 14 December 2007.

Chaired a technical session, Annual Conference of the Rajasthan Economic Association on Institutional Economics, N.M. (PG) College, Rajasthan, 15 December 2007.

Publications

Papers published

Tuteja, U. 2007. 'Indian Agriculture: In Search of Second Green' in a special number of *Agricultural Situation in India*.

2007. 'Viable Entrepreneurial Trades for Women in Agriculture in Haryana' in special number of *Agricultural Situation in India*.

2007. 'Rural Non-farm Employment in Haryana: Trends and Determinants', *Journal of Rural Development*, Vol. 26(4).

2007. 'Entrepreneurial Activities of Rural Women-An Analysis of Income Levels', *Business Analyst*.

Research Monographs

Malik, R.P.S. 2007. 'Do Dams Help Reduce Poverty? Journal of the Indian Society of Agricultural Statistics, Vol. 61(2).

2007. 'Cultivation of Medicinal and Aromatic Plants as a Means of Diversification of Agriculture in Uttaranchal', Agricultural Economics Research Centre, Delhi University.

2007. 'Water and Poverty', in Briscoe, J. and Malik R.P.S. (ed.), *Handbook of Water Resources in India, Development Management and Strategies*, New Delhi: Oxford University Press and World Bank.

2007. 'World Bank Policies and Lending Assistances', in Briscoe, J. and Malik R.P.S. (eds.), *Handbook of Water Resources in India: Development Management and Strategies*, New Delhi : Oxford University Press and World Bank.

Briscoe, J. and Malik, R.P.S. (ed.) 2007. 'India's Water Economy: An Overview'. *Handbook of Water Resources in India: Development Management and Strategies*, New Delhi: Oxford University Press and World Bank.

Malik, R.P.S. and Sekhar, C.S.C. 2007. 'Factors Affecting Fertilizer Consumption in Haryana', Agricultural Economics Research Centre, Delhi University.

Deshpande, R.S., Sharma, V.P., Malik, R.P.S., and Jha, B. Ansari (eds.). 2008. *Glimpses of Indian Agriculture: Macro and Micro Aspects* (in two volumes), New Delhi: Academic Foundation.

Bhupal, D.S. 2007. Estimation of Seed, Feed and Wastages Ratio of major Food Grain Crops in Haryana: Study based on a sample of 20 villages and 600 households growing wheat and gram.

2008. 'Liberalized Imports and Low Tariffs in Edible Oil Sector'. *Glimpses of Indian Agriculture Macro and Micro Aspects*, Vol. I Macro Aspects, New Delhi: Academic Foundation, Directorate of Economics and Statistics, Ministry of Agriculture, Govt. of India. pp. 201-6.

2008. 'Fruit and Vegetable mandies located in Urban and Semi-urban areas of Delhi', *Glimpses of Indian Agriculture Macro and Micro Aspects: Vol. II, Micro Aspects*, New Delhi: Academic Foundation, Directorate of Economics and Statistics, Ministry of Agriculture, Govt. of India. pp. 827-34.

INTER-DISCIPLINARY CENTRE FOR PLANT GENOMICS

Major Activities

ICPG carried out genomewide sequencing of chromosome 5 of tomato. In addition, gene family based precise annotation and expression profiles for transcription factors and signal transduction components was done in rice. ESTs were sequenced and characterised from sugarcane, wheat and mulberry and chloroplast genome sequenced from mulberry.

Publications

Agarwal, P., Arora, R., Ray, S., Singh, A.K., Singh, V.P., Takatsuji, H., Kapoor, S. and Tyagi, A.K. 2007. 'Genome-wide identification of C2H2 zinc-finger gene family in rice and their phylogeny and expression analysis'. *Plant Mol. Biol.* 65: 467-85.

Ahmed, N., Saini, V., Raghuvanshi, S., Khurana, J.P., Tyagi, A.K., Tyagi, Anil. K. and Hasnain, S.E. 2007. 'Molecular analysis of a leprosy immunotherapeutic bacillus provides insights into Mycobacterium evolution'. *PLOS ONE* 2: e968.

Arora, R., Agarwal, P., Ray, S., Singh, A., Singh, V., Tyagi, A.K. and Kapoor, S. 2007. 'MADS-box gene family in rice: Genome-wide identification, organisation and expression profiling during reproductive development and stress'. *BMC Genomics*, 8: 242.

Gupta, V., Khurana, R. and Tyagi, A.K. 2007. 'Promoters of two anther-specific genes confer organ-specific expression in a stage-specific manner in transgenic systems'. *Plant Cell Reports* 26: 1919-31.

Jain, M., Sharma, P., Tyagi, S.B., Tyagi, A.K. and Khurana, J.P. 2007. 'Light regulation and differential tissue-specific expression of phototropin homologues from rice (*Oryza sativa* ssp. *Indica*)'. *Plant Science*, 172: 164-71.

Jain, M., Nijhawan, A., Arora, R., Agarwal, P., Ray, S., Sharma, P., Kapoor, S., Tyagi, A.K. and Khurana, J.P. 2007. 'F-box proteins in rice: Genome-wide analysis, classification, temporal and spatial gene expression during panicle and seed development, and regulation by light and abiotic stress'. *Plant Physiol.* 143: 1467-83.

- Kathuria, H., Giri, J., Tyagi, H. and Tyagi, A.K.** 2007. 'Advances in transgenic rice biotechnology'. *Critical Reviews in Plant Sciences*, 26: 65-103.
- Khurana, J.P., Jain, M. and Tyagi, A.K.** 2007. 'Auxin and cytokinin signaling component genes and their potential for crop improvement'. In *Genomics Assisted Crop Improvement* (ed.) Varshney, R.K. and Toberosa, R., Springer-Verlag, Germany, 289-314.
- Ray, S., Agarwal, P., Arora, R., Kapoor, S. and Tyagi, A.K.** 2007. 'Expression analysis of calcium-dependent kinase gene family during reproductive development and abiotic stress conditions in rice (*Oryza sativa* L. ssp. *Indica*)'. *Mol. Genet. Genomics*, 278: 493-505.
- Singla, B., Tyagi, A.K., Khurana, J.P. and Khurana, P.** 2007. 'Analysis of expression profile of selected genes expressed during auxin-induced somatic embryogenesis of leaf base system of wheat (*Triticum aestivum*) and their possible interactions'. *Plant Mol. Biol.* 65: 677-92.
- Tyagi, A.K.** 2007. 'Rice genome and beyond'. *Natl. Acad. Sci. Lett.* 30: 191-6.
- Tyagi, A.K., Khurana, J.P., Khurana, P., Kapoor, S., Singh, V.P., Singh, A.K., Thakur, J.K., Gupta, V., Anand, S., Vij, S., Jain, M., Ray, S., Agarwal, P., Arora, R., Sharma, P., Mukherjee, S., Nijhawan, A., Giri, J. and Khurana, R.** 2007. 'Expression and functional analysis of rice genes involved in reproductive development and stress response'. In *Rice Genetics V* (ed.) Brar, D.S., Mackill, D.J. and Hardy, B., IRRI, Philippines, 313-30.
- Vaidanathan, R., Khurana, J.P., Tyagi, A.K. and Khurana, P.** 2007. 'Rosales sister to Fabales: Towards resolving the rosid puzzle'. *Mol. Phylogenet. Evo.* 44: 488-93.

CENTRE FOR SCIENCE EDUCATION AND COMMUNICATION

Major Activities

The 23rd Annual Quest was won by St. Stephen's College. A talk on 'Tare sadak par: Astronomy by the roadside' was delivered by Dr. N. Rathnasree, Director, Nehru Planetarium, at the prize distribution function. The Science e-forum, Vimarsh, run by CSEC, now has around 250 members. The 'Science and Society' discussion group organised screenings of short films on mental illness. A three-day programme was organised for National Science Day, including a panel discussion on 'Science and Religion: Is there a conflict?' and a screening of the award-winning film, *An Inconvenient truth*.

Honours/Distinctions

Prof. Amitabha Mukherjee: Member, National Focus Group on the Teaching of Mathematics.

Chief Advisor, NCERT Mathematics textbook development team for Class V.

Seminars/Conferences attended

Prof. Amitabha Mukherjee: International Seminar on 'Cognition and Learning: Theory and Practice', Vidya Bhawan Society, Udaipur, 5-7 October 2007.

South Asian Regional Conference on 'Quality Education for All', New Delhi, October 2007.

Prof. Amitabha Mukherjee and Dr. Rakesh Mohan Hallen: National Seminar on Science Education, February 2008.

Publications

Books (prepared in collaboration)

2008. Math-Magic: A Mathematics textbook for Class V, NCERT.

Communications to International/National Conferences

Hallen, R.M. 2008. 'ICT and Science Education', presented at the National Seminar on Science Education, Delhi.

Mukherjee, A. 2007. 'The Hoshangabad Science Teaching Programme', presented at the South Asia Regional Conference on Quality Education for All, New Delhi.

2008. 'Re-envisioning the Science curriculum', presented at the National Seminar on Science Education, Delhi.

CENTRE FOR CANADIAN STUDIES

Major Activities

The Centre for Canadian Studies (a multidisciplinary Centre) was granted an extension as 'Area Study Programme' of UGC for the year 2007-08. The Centre was initially designated as 'Area Study Programme' of UGC in Xth Five Year Plan.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
'Environment, Technology, Governance and Economic Development'.	Dr. V.K. Vasal	Government of Canada through Shastri Indo-Canadian Institute

New Additions

Documentation Officer - 1

Seminars/Conferences held

7th Pierre Trudeau Memorial Debate for under-graduate students of the University of Delhi on the topic 'In the Opinion of the House, India has something to learn from Canada's

Liberal Economic Policies' in close co-operation with the Canadian High Commission, 26 February 2008.

Workshop on 'Computer Spreadsheet Design for Managerial Decisions' by Prof. Paul Mireault: HEC, Montreal, jointly with the Department of Financial Studies, University of Delhi, 11 November 2007.

Symposium on 'Experiences of being a Writer in Canada' jointly with three partners - Canadian High Commission, Asia Society and the Department of English, University of Delhi, 21 February 2008.

CENTRE FOR DETECTOR AND RELATED SOFTWARE TECHNOLOGY

Ph.D. Degree awarded

Ph.D. - 1

Research Schemes

<i>Title</i>	<i>Sponsoring Organisation</i>
Fabrication of Pixel Scintillation Counters for DZERO Detector (Phase-II).	DST
Search for New Particles in the Large Hadron Collider, CERN, Geneva.	DST
Grid Computing- Setting up of Computing Centres (Tier 2/3 centres) in the country for CMS and Alice Projects at CERN, Geneva.	DST

Appointment of faculty member to higher Posts/Assignments

Dr. Md. Naimuddin Research Associate, Fermilab, USA.

Publications

Book

Khanna, S.L., Shivpuri, R.K. and Rentzel, Ron. *Physics in Everyday Life*, Vol. 2.

Research Articles

Abazov, V.M. and Shivpuri, R.K. et. al. 2007. 'Measurement of the Lambda(b) lifetime in the exclusive decay Lambda(b) ---> J / psi Lambda.' *Phys. Rev. Lett.* 99: 142001.

2007. 'Search for a Higgs boson produced in association with a Z boson in p anti-p collisions'. *Phys. Lett. B.* 655: 209-16.

2007. 'Observation and Properties of $L = 1$ $B(1)$ and $B^*(2)$ Mesons'. *Phys. Rev. Lett.* 99: 172001.

2007. 'Measurement of the t anti- t production cross section in p anti- p collisions at $s^{**}(1/2) = 1.96$ -TeV using kinematic characteristics of lepton + jets events'. *Phys.Rev.* D76: 092007.

2007. 'Z gamma production and limits on anomalous $Z Z$ gamma and Z gamma gamma couplings in p anti- p collisions at $s^{**}(1/2)=1.96$ -TeV'. *Phys. Lett. B* 653: 378-86.

2007. 'Search for third-generation leptoquarks in p anti- p collisions at $s^{**}(1/2) = 1.96$ -TeV'. *Phys. Rev. Lett.*99:061801.

2007. 'Search for stopped gluinos from p -anti- p collisions at $s^{**}(1/2) = 1.96$ -TeV'. *Phys. Rev. Lett.* 99: 131801.

2007. 'Measurement of the $\Lambda(b)0$ lifetime using semileptonic decays'. *Phys. Rev. Lett.* 99: 182001.

2007. 'Direct observation of the strange b baryon $\Xi(b)^-$ '. *Phys. Rev. Lett.* 99: 052001.

2007. 'Measurement of the t anti- t production cross-section in p anti- p collisions using dilepton events'. *Phys. Rev.* D76: 052006.

2007. 'Search for $B0(s) \rightarrow \mu^+ \mu^-$ '. *Phys. Rev.* D76: 092001.

2007. 'Search for the lightest scalar top quark in events with two leptons in p anti- p collisions at $s^{**}(1/2) = 1.96$ -TeV'. *Phys. Lett.* B659: 500-8.

2007. 'Search for flavor-changing-neutral-current D meson decays'. *Phys. Rev. Lett.* 100: 101801.

2007. 'Measurement of the p anti- $p \rightarrow WZ + X$ cross-section at $s^{**}(1/2) = 1.96$ -TeV and limits on WWZ trilinear gauge couplings'. *Phys. Rev.* D76: 111104.

2007. 'Search for Randall-Sundrum gravitons with 1 fb^{*-1} of data from p anti- p collisions at $s^{**}(1/2) = 1.96$ -TeV'. *Phys. Rev. Lett.* 100: 091802.

2007. 'Search for W -prime bosons decaying to an electron and a neutrino with the D0 detector'. *Phys. Rev. Lett.* 100: 031804.

2007. 'Model-independent measurement of the W boson helicity in top quark decays at D0'. *Phys. Rev. Lett.* 100: 062004.

2007. 'Observation and properties of the orbitally excited $B^*(s2)$ meson'. *Phys. Rev. Lett.* 100: 082002.

2007. 'Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb^{*-1} of p anti- p collision data at $s^{**}(1/2) = 1.96$ - TeV'. *Phys. Lett.* B660: 449-57.

2007. 'First measurement of the forward-backward charge asymmetry in top quark pair production'. *Phys. Rev. Lett.* 100: 142002.
2007. 'Measurement of the shape of the boson transverse momentum distribution in p anti-p $\rightarrow Z / \gamma^* \rightarrow e^+ e^- + X$ events produced at $s^{1/2} = 1.96\text{-TeV}$ '. *Phys. Rev. Lett.* 100: 102002.
2007. 'Search for ZZ and Z γ^* production in p anti-p collisions at $s^{1/2} = 1.96\text{-TeV}$ and limits on anomalous ZZZ and ZZ γ^* couplings'. *Phys. Rev. Lett.* 100: 131801.
2007. 'A combined search for the standard model Higgs boson at $s^{1/2} = 1.96\text{-TeV}$ '. *Phys. Lett.* B663 : 26-36.
2008. 'Simultaneous measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and the top quark pair production cross section with the D0 detector at $s^{1/2} = 1.96\text{-TeV}$ '. *Phys. Rev. Lett.* 100: 192003.
2008. 'Study of direct CP violation in $B^{+-} \rightarrow J/\psi K^{+-} (\pi^{+-})$ file decays'. *Phys. Rev. Lett.* 100: 211802.
2008. 'Search for W-prime Boson Resonances Decaying to a Top Quark and a Bottom Quark'. *Phys. Rev. Lett.* 100: 211803.
2008. 'Measurement of the t anti-t production cross section in p anti-p collisions at $s^{1/2} = 1.96\text{-TeV}$ '. *Phys. Rev. Lett.* 100: 192004.
2008. 'Measurement of the t anti-t production cross section in p anti-p collisions at $s^{1/2} = 1.96\text{-TeV}$ '. *Phys. Rev. Lett.* 100: 192004.
- Gupta, P., Bhattacharya, S., Choudhary, B.C. and Shivpuri, R.K.** 2007. 'Direct photon plus jet study for CMS'. *CMS-NOTE-2007-004*.

CENTRE FOR ENVIRONMENTAL MANAGEMENT OF DEGRADED ECOSYSTEMS

Major Activities

The Centre for Environmental Management of Degraded Ecosystems (CEMDE) is actively working in the area of: (i) Restoration of ecology and sustainable development, (ii) Biological invasions and their management, (iii) Biodiversity assessment and Bioprospecting, (iv) Soil microbiology and ecosystem function, (v) Biomonitoring of ecosystem health, (vi) Investigations on biological invasions, systematics, mate recognition, and (vii) Character evolution and biogeography of amphibians of the Western Ghats restoration of degraded lands.

Research Schemes

<i>Title</i>	<i>Sponsoring Organization</i>
Inventorisation of greenhouse gases: Sources and sinks in Delhi.	Deptt. of Environment, Government of Delhi
Spatial distribution of PTE and other pollutant anions in the ground water in varied urban environments of NCT, Delhi.	Deptt. of Environment Government of Delhi
Evaluation of native species of Arbuscular Mycorrhizal Fungi (AMF) for hyper-plant growth promoting strains in the arid and semi-arid regions of India for potential application in restoration measures for degraded ecosystems.	DST

Honours/Distinctions

Dr. Inderjit: Awarded INSA-DFG Exchange Fellowship to visit Germany for a period of three months.

Seminars/Conferences held

Dr. Chirashree Ghosh: International Conference on 'Flow Pattern of Tropospheric Ozone and its Precursor Gases at Traffic Intersection sites' in Delhi in the proceeding of International Conference on 'Contemporary Environmental Problems and Biotechnological Applications in their Management', Jawahar Lal Nehru University, New Delhi, 7-8 March 2008.

Publications

Research Articles

Singh, I., Pollock, J.L., Callaway, R.M. and Holben, W. 2008. 'Phytotoxic effects of (\pm)-catechin in vitro, in soil, and in the field. PLoS ONE 37: e2536. doi: 10.1371/journal.pone.0002536.

Singh, I., Seastedt, T.R., Callaway, R.M., Pollock, J. and Kaur, J. 2008. 'Allelopathy and plant invasions: traditional, congeneric, and biogeographical approaches'. *Biological Invasions*, 10: 875-90.

Mangla, S., Singh, I. and Callaway, R.M. 2008. 'Exotic invasive plant accumulates native soil pathogen which inhibits native plant'. *Journal of Ecology*, 96, 58-67.

Sharma, R.S., Mishra, V., Mohammed, A. and Babu, C.R. 2008. 'Phage specificity and lipopolysaccharides of stem- and root-nodulating bacteria (*Azorhizobium caulinodans*, *Sinorhizobium* spp., and *Rhizobium* spp.) of *sesbania* spp'. *Archives of Microbiology*, 189: 411-18.

Sharma, R.S., Mishra, V., Singh, R., Seth, N. and Babu, C.R. 2008. 'Antifungal activity of some Himalayan medicinal plants and cultivated ornamental species'. *Fitoterapia* doi:10.1016/j.fitote.12008.06.004.

CENTRE FOR ENTREPRENEURSHIP AND CAREER ORIENTED PROGRAMME

Major Activities

During the year, two short-term workshops and a two-day symposium were organised. These programmes were:

Workshop on 'Biotechnology and Bioinformatics' in collaboration with TNI (NIIT), 3-13 October 2007.

Workshop on 'Industrial Automation' in collaboration with Futuronix Automation Pvt. Ltd., 23 December 2007-7 January 2008.

Industry Academia Summit 2007 on 'Talent Creation and Management' in collaboration with NIILM Centre for Management Studies. It was named 'Lyceum Technorati 2007'. The two-day symposium included presentations and discussions on the issues of emerging industry opportunities, bridging the gap between academic output and industry requirements. This summit was sponsored by UGC and supported by a large number of business organisations.

Seminars/Conferences attended

Dr. S. Lakshmi Devi, Hony. Director: Delivered a lecture on 'Worldwide on Strategies to Develop Leadership Qualities in Women: Best Practices' in a meeting on Women's Education, Bellagio, Italy, 20-24 August 2007.

Delivered a lecture on 'Right to Food' on World Food Day, 16 October 2007.

Delivered a lecture on 'Educational Counselling' to students of the District Institute of Educational and Training, January 2008.

Delivered a lecture on 'Women in Decision-Making and Higher Education' in the Bina Roy Memorial Seminar, All India Women's Conference, University Women's Association, Delhi, 8 March 2008.

CENTRE FOR GENETIC MANIPULATION OF CROP PLANTS

Major Activities

The major activity of the Centre is the genetic improvement of oilseed mustard (*Brassica juncea*) through conventional and biotechnological approaches. The Centre has developed two mustard hybrids, DMH-1 and DMH-11, based on the natural cytoplasmic male sterility/restorer system and transgenic barnase/barstar system, respectively. Another major area of activity of the Centre is molecular mapping and marker-assisted breeding of agronomically important traits in mustard. The Centre has developed a high-density molecular map consisting of more than 1500 anonymous DNA markers and has developed a comparative map using *Arabidopsis* genes in *B. juncea*.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Genetic engineering of oilseed mustard/rapeseed and selected vegetable crops.	Prof. Deepak Pental	Dhara Vegetable Oil and Foods company Ltd.

Publications

Research Articles

Arumugam, N., Gupta, V., Jagannath, A., Mukhopadhyay, A., Pradhan, A.K., Burma, P.K. and Pental, D. 2007. 'A passage through in vitro culture leads to efficient production of marker-free transgenic plants in Brassica juncea using Cre-loxP system'. *Transgenic Res.* 16: 703-12.

Bisht, N.C., Jagannath, A., Burma, P.K., Pradhan, A.K. and Pental, D. 2007. 'Retransformation of a male sterile barnase line with the barstar gene as an efficient alternative method to identify male sterile-restorer combinations for heterosis breeding'. *Plant Cell Rep.* 26: 727-33.

Panjabi, P., Jagannath, A., Bisht, N.C., Lakshmi, Padmaja, K., Sharma, S., Gupta, V., Pradhan, A.K. and Pental, D. 2008. 'Comparative mapping of Brassica juncea and Arabidopsis thaliana using Intron Polymorphism (IP) markers: Homeologous relationships, diversification and evolution of the A, B and C Brassica genomes'. *BMC Genomics*, 9:113.

Ramchiary, N., Bisht, N.C., Gupta, V., Mukhopadhyay, A., Arumugam, A., Sodhi, Y.S., Pental, D. and Pradhan, A.K. 2007. 'QTL analysis reveals context dependent loci for seed glucosinolate trait in the oilseed Brassica juncea: Importance of Recurrent Selection Backcross scheme for the identification of 'true' QTL'. *Theor. Appl. Genet.* 116: 77-85.

Ramchiary, N., Padmaja, K.L., Sharma, S., Gupta, V., Sodhi, Y.S., Mukhopadhyay, A., Arumugam, N., Pental, D. and Pradhan, A.K. 2007. 'Mapping of yield influencing QTL in Brassica juncea: Implications for breeding of a major oilseed crop of dryland areas'. *Theor. Appl. Genet.* 115: 807-17.

DEVELOPING COUNTRIES RESEARCH CENTRE

Major Activities

DCRC organised the Third International Congress of the Asian Political and International Studies Association on 'Conceptions of Social Justice' on 23-25 November 2007.

19th Grassroots Politics Colloquium on 'Identity and Politics in India' on 22-23 February 2008.

The 7th Pablo Neruda Lecture was delivered by Aijaz Ahmad on 12 February 2008. The title of his lecture was on 'The Dangerous Edge of Things: Thoughts on the World Literature'.

Prof. R. Suttner gave a lecture on 'Citizenship and the Challenges of Globalization: An Indian Perspective' on 23 October 2007.

During the year, DCRC continued to hold the Comparative Theory Seminar.

The Classics Reading Club began to read and discuss Machiavelli's *Prince*.

In April 2007, UGC granted to DCRC an Area Studies Programme in a Project mode. This is the stage prior to the establishment of a full-fledged Area Studies Centre. The project is for 5 years and carries a budget of Rs. 13 lakh.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Mapping Social Exclusion and Rights of Representation: A Study of Students Union Bodies of Central Universities of India.	Dr. N. Sukumar Mr. Ravi Ranjan	UGC
Household and its labouring women: Valuing and measuring domestic labour in India.	Dr. Savita Singh	UGC

CENTRE FOR PSYCHOANALYTIC STUDIES

Major Activities

At CPS, the endeavour has been to develop a pilot curriculum and training programme for psychoanalytic psychotherapy as well as clinical research. The curriculum being taught here follows the International system in preserving three main components unique to the psychoanalytic method:

Teaching sophisticated clinical concepts through workshop-based methods.

Mandatory personal therapy undertaken by the candidates with accredited psychoanalytic therapists.

Clinical work with patients under supervision of the senior clinicians.

In addition, the Indian cultural processes, as understood in the works of pioneering Indian psychoanalysis, have been included with a view to applying their insights towards developing both a commensurate research perspective as also to generate a culturally sensitive model of psychotherapy.

Seminars/Conferences attended

Prof. Ashok Nagpal: Panel discussion on Inter-disciplinary Contexts at the International Symposium on 'Dialogue Processes, Exploring Deialogue: Dealogic Explorations: Texts and Contexts', 15 March 2008.

Keynote speaker at the National Conference on 'Psychology & Cinema 2008' organised by the Department of Psychology, Christ College, Bangalore, 15 February 2008.

Dr. Honey Oberoi: "From Conquest of 'Destiny' to co-existence with 'Psychic Fate: Re-viewing. Oedipus Rex and Lal Pathar", National Conference on 'Psychology and Cinema' at Christ College, Bangalore, February 2008.

INSTITUTE OF INFORMATICS & COMMUNICATION

Major Activities

The Institute organised various activities such as Industrial Lecture Series, in which eminent persons visited the Institute to deliver specialised lectures on current trends in the IT industry. The placements activity this year, as in earlier years, has been actively pursued resulting in 100 % placement in the first round.

Seminars/Conferences attended

Dr. Sanjeev Singh: 'Building Knowledge Respirations, Core sector Collaboration', International Conference, organised by the Institute of Fashion Technology, New Delhi, 7-9 February 2008.

Dr. M.K. Das: Presented a paper entitled 'Simulation and Characterisation of trajectories in Sun-jupiter system', IHY-CAWSES India Workshop on 'Superactive Regions of Solar Cycle 23 and other Geo-space Impact', ARIES, Nainital, 7-10 May 2007.

Dr. Anindita Bhattacharya, Dr. M.K. Das and Dr. Subhendu Ghosh: Presented a paper entitled 'Role of random noise in evoking electrical spikes in a single neuron', National Conference on 'Nonlinear Systems and Dynamics', Physical Research Laboratory, Navarangpura, Ahmedabad, 3-5 January 2008.

Publications

Das, M.K. 2007. *Discrete Mathematical Structure for Computer Scientists and Engineers*, New Delhi: Narosa Publishing House.

Research Articles

Das, M.K., Narang, P., Yuasa, M. and Saha, L.M. 2008. 'On particle trajectories in restricted 3-body problem including the effect of radiation: Sun-Jupiter system', *Astrophysics and Space Science*, Vol. 314, p. 59.

CENTRE FOR INTER-DISCIPLINARY STUDIES OF MOUNTAIN & HILL ENVIRONMENT

Major Activities

Realising the significant contributions of the Centre in the field of environment impact assessment of power projects and environmental sensitivity studies of river basins, the Ministry of Power, Government of India, recognised it as a Centre of Excellence. The Centre has conducted a number of studies related to environment impact assessment and biodiversity conservation. The Centre also provides expert advice to various institutions of the Government of India, PSUs and the private sector in the field of environment and sustainable development. The Centre has also developed state-of-the-art infrastructure and expertise in the area of remote Sensing and Geographic Information System and is making rapid strides in helping public and private sector organisations in these frontline areas.

Research Schemes

<i>Title</i>	<i>Sponsoring Organisation</i>
EIA/EMP Studies of Tawang Chhu Stage-I & II H.E. project.	National Hydroelectric Power Corporation Ltd.
CAT Plan of Luhri H.E. project.	Satluj Jal Vidyut Nigam Ltd. New Shimla, Himachal Pradesh.

Appointment of faculty member to higher Posts/Assignments

Prof. M.K. Pandit: Invited as Visiting Professor at the National University of Singapore.

Publications

Research Articles

Bhatt, J.P., Bhaskar, A. and Pandit, M.K. 2007. 'Biology, distribution and Ecology of *Didymosphenia germinata* (Lyngbye) Schmidt an abundant diatom from the Indian Himalayan rivers'. *Aquatic Ecology*, online first.

Vyas, P., Bisht, M.S., Miyazawas, S.I, Yano, S., Noguchi, K., Terashina, I. and Funiyama-Noguchi, S. 2007. 'Effects of polyploidy on Photosynthetic properties and anatomy in leaves of *Phlox drummondii*'. *Functional Plant Biology*, 34: 673-82.

Lukram, I., Meetei, Sanjaya K. Pattanayak, Bhaskar, A., Pandit, M.K. and Tandon, S.K. 2007. 'Climatic imprints in Quaternary valley fill deposits of the middle Teesta valley, Sikkim Himalaya', *Quaternary International*, 159: 32-46.

Bisht, V., Singh, B., Rao, K.S., Maikhuri, R.K. and Nautiyal. 2007. 'Genetic divergence of paddy landraces in Nanakosi micro-watershed of Uttaranchal Himalaya'. *Journal of Tropical Agriculture*, 45(1-2): 48-50.

Maikhuri, R.K., Rawat, L.S., Purohit, V.K., Negi, V.S., Farooquee, N.A., Rao, K.S. and Saxena, K.G. 2007. 'Experiences in developing eco-tourism for Nanda Devi biosphere Reserve: Conceptual framework based actions'. *Samaj Vigyan Shodh Patrika*, Special Issue (Uttaranchal-I), 89-99.

Nautiyal, S., Kaechele, H., Rao, K.S., Maikhuri, R.K. and Saxena, K.G. 2007. 'Energy and economic analysis of traditional versus introduced crops cultivation in the mountains of the Indian Himalayas: A case study'. *Energy*, 32(12): 2321-35.

Kandari, L.S., Rao, K.S., Chauhan, K., Maikhuri, R.K., Purohit, V.K., Phondani, P.C. and Saxena, K.G. 2007. 'Effect of presowing treatments on the seed germination of two endangered medicinal herbs of the Himalaya (*Angelica glauca* Edgew. And *Pleurospermum angelicoides* (Wall. Ex D C.) Benth. Ex C.B. Clarke)'. *Proceedings of Indian National Science Academy*, 73 (1): 11-6.

Dhyani, D., Maikhuri, R.K., Rao, K.S., Kumar, L., Purohit, V.K., Sundryal, M. and Saxena, K.G. 2007. 'Basic nutritional attributes of *Hippophae rhamnoides* (seabuckthorn) populations from Uttaraanchal Himalaya'. *Current Science*, 92(8): 1148-52.

Chandrasekhar, K., Rao, K.S., Maikhuri, R.K. and Saxena, K.G. 2007. 'Ecological implications of traditional livestock husbandry and associated land use practices: A case study from the trans-Himalaya'. *Journal of Arid Environments*, 69 (3): 299-314.

Books and Conference Volumes

Shimrah, T., Maikhuri, R.K., Rao, K.S. and Saxena, K.G. 2007. Shifting agriculture around Dehang-Debang Biosphere Reserve in Arunachal Pradesh: A landscape ecology perspective. In: Saxena, K.G., Liang, L. and Rerkasem, K. (eds.) *Shifting Agriculture in Asia: Implications for Environmental Conservation and Sustainable Livelihood*, Singh, B. and Singh, M.P., Dehradun, pp. 151-75.

Maikhuri, R.K., Rao, K.S. and Saxena, K.G. 2007. 'Shifting cultivation in north-east India: A village ecosystem approach'. In: Saxena, K.G., Liang, L. and Rerkasem, K. (eds.) *Shifting Agriculture in Asia: Implications for Environmental Conservation and Sustainable Livelihood*, Singh, B. and Singh, M.P., Dehradun, pp. 189-203.

Rao, K.S., Maikhuri, R.K. and Saxena, K.G. 2007. 'Restoration of degraded forest lands in north-east India'. In: Saxena, K.G., Liang, L. and Rerkasem, K. (eds.) *Shifting Agriculture in Asia: Implications for Environmental Conservation and Sustainable Livelihood*, Singh, B. and Singh, M.P., Dehradun, pp. 375-96.

Saxena, K.G., Liang, L., Rao, K.S., Rerkasem, K. and Upadhyaya, N. 2007. 'Analyzing shifting Agriculture in relation to Environmental Conservation and livelihoods of local communities in marginal mountain areas of Asia'. In: Saxena, K.G., Liang, L. and Rerkasem, K. (eds.) *Shifting Agriculture in Asia: Implications for Environmental Conservation and Sustainable Livelihood*, Singh, B. and Singh, M.P., Dehradun, pp. 439-57.

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

Major Activities

The Centre provides technical services and maintains sophisticated analytical instruments including SEM and TEM, ESR, CHNSO analyser, Laser Raman spectrometer, DTA, TGA & DSC, UV-VIS, FTIR, GC and HPLC, and AAS spectroscopy, Ultracentrifuge, Mechanical, glass blowing and liquid nitrogen facilities.

An X-ray diffraction facility has been put into operation, and students are allowed to operate the unit.

The old HPLC unit was made functional, the refrigerated ultracentrifuge was fully serviced, DTA/TGA & DSC instruments-serviced and calibrated, CHNSO analysis facility fully equipped with all required consumables.

Nearly 986 petty repair jobs were handled by the glass blowing section.

Special seminars were organised for the lab. staff, research students and faculty:

'Advances in Thermal instrumentation'. Speakers: Dr. R. Nagarajan, Department of Chemistry, and Dr. P.S. Jain, Appln expert from M/s. Perkin Elmer.

User-Interaction meet with Engineers from M/s. Perkin Elmer, and 'on hands' experience with DTA/TGA & DSC instruments in association with the operator in-charge, Mr. Daipayan Dasgupta, operator USIC.

'FTIR spectroscopy'. Speakers: Prof. Monica Datta, Department of Chemistry, and Mr. Anil Nimkar, Specialist on IR spectroscopy from M/s. Perkin Elmer, Mumbai.

'Electron microscopy in nano-technology areas' by Dr. Rob Classen, Application Engineer from M/s. FEI, Europe, and an introductory lecture by Dr. N.C. Mehra, USIC.

'EDS systems Application of Transmission Electron Microscopy'. Speaker: Dr. Rene de Kloe, Application Manager from M/s. EDAX, BV Europe.

Talk by Dr. Brend Gruska, M/s. Sentech, Germany on the new ellipsometer facility to be set up.

Interaction of University users with Mr. Simon Holden and Mr. Stan Terras from M/s. Renishaw, UK, on Laser Raman Spectroscopy instrument at USIC. Hands on experience and practical tips given by Mr. R.K. Malhotra, USIC, and Mr. Yuvraj Patil from M/s. Renishaw India, Bangalore.

DELHI UNIVERSITY COMPUTER CENTRE

Major Activities

Delhi University Computer Centre, in the last one year, has started many new initiatives to enable the University and College community to effectively use IT resources in their work. All the non-professional Colleges are now connected to the University-wide network and this enables students and faculty in the Colleges to access many resources like electronic journals, software etc. In addition, Colleges are being provided webspace to host their websites on our servers. We have also upgraded our core switching infrastructure over the last year and increased our Internet bandwidth. Furthermore, we have installed new versions of anti-virus software to improve the security of our network. Several new software like SPSS and SIGMA Plot have been installed for use by students and faculty in the Departments and Colleges.

PROF. D.S. KOTHARI CENTRE FOR SCIENCE, ETHICS & EDUCATION

Major Activities

Prof. D.S. Kothari Centre for Science, Ethics and Education organised the Prof. D.S. Kothari Memorial Lecture on 6 February 2008 with great enthusiasm. Dr. K. Kasturirangan, Hon'ble Member of Parliament and Director, National Institute of Advanced Studies, Bangalore, delivered the lecture 'Chandrayaan-1: India's Foray into Planetary Exploration'.

DELHI UNIVERSITY LIBRARY SYSTEM

Major Activities

Audio Book Resources and Braille Library

72 master CDs have been added. This brings the total of master CDs to 112 covering English, Political Science, Sanskrit, Philosophy, Law, Hindi, Education and History courses.

Development of IT Infrastructure for the Physically Challenged: In order to provide more services to the physically challenged academic community, University of Delhi signed an MoU with National Thermal Power Corporation.

Seminar/Conferences Attended

Dr. Tariq Asraf, Sh. Rajesh Singh, Deputy Librarian and Sh. U.N. Mathur, Assistant Librarian: 53rd All India Library Association, Osmania University, Hyderabad, 13-16 December 2007.

Dr. S.C. Jindal, Deputy Librarian: 5th Annual Workshop of INDEST-AICTE consortium at Indian Institute of Technology, Roorkee, 27-28 December 2007.

Sh. Saleem Anwar, Dr. Narender Kumar, Sh. R.P. Singh, Deputy Librarians: 26th All India IASLIC Conference at Jamia Millia Islamia University, New Delhi, 26-29 December 2007.

Sh. Rajesh Singh, Deputy Librarian: 6th International Calibre Conference 2008 at University of Allahabad, 18 February to 1 March 2008.

DELHI UNIVERSITY LIBRARY SYSTEM

Statistical Data

Units	Accession	Expenditure		Member- ship	Visitors	Documents			Books Written off
		Books (Rs)	Periodicals (Rs)			Circulation	Consultation	Periodicals	
Central Reference Library	5550	6950043	57 Lakh	2155	3,75,000	2,30,800	3,64,400	416	--
Ratan Tata Library	4000	33.25 Lakh	116.50 Lakh	1976	1,75,650	1,08,800	1,86,550	462	--
Central Science Library	2395	41,99,874	2,52,20,395	2050	2,14,000	1,34,700	2,42,300	420	07
South Campus Library	2971 76 Gift	26,65,723	34,00,000	1365	1,25,700	75,900	3,78,20	231	--
Campus Law Library	1015	8,15,000	8,25,000	1345	158400	105600	132000	128	--
Law Centre I Library	1409	4,76,000	2,22,500	1490	90000	1,35,000	1,80,000	42	--
Law Centre II Library	558	1,1619	1,26289	1310	50,000	42,000	42,000	32	--
Department of Education Library	1003	1,72,079	1,28,648	358	2000	14,000	70,000	30	--
Faculty of Management Library	925	13,50,000	11,50,000	696	30,250	37,375	3536	105	--
Faculty of Music & Fine Arts Library	159	42000	--	340	20,000	10,000	12,000	06	--
Department of African Studies Library	06	--	--	68	15000	10,500	13500	25	--

Department of Germanic & Romance Studies Library	2000	5,85,893		743	23700	27200	54400	--	--
Department of Physics & Astro-Physics Library	254	--	--	431	4150	10950	21900	--	--
Department of Social Work Library	331	84000	40,000	161	3500	80,000	3,00,000	36	--
Braille Library				92	2400	500	1500		
UGTB South Zone Library	--		--	157	6730	5250	12500	--	--
Department of East Asian Studies Library	384	1,90,000	--	465	10,000	15,000	10,200	--	--
Department of History Library	3598	2,50,000	--	461	7200	14,400	13,200	13	--
Faculty of Mathematical Sciences Library	--	--	--	520	--	--	--	10	--
Department of Botany Library	--	--	--	140	4600	11500	11200	--	--
Computer Centre Library	30	10,928	3600	230	24000	19200	36,000	--	--
Department of Linguistic Library	122	--	--	10	3750	4150	4300	--	--
Department of Slavonic and Finno-Ugrian Studies Library	125	73,319	--	--	4000	5300	5300	07	--

Women's Studies of Development Centre Library	--	--	--	--	2400	7200	15000	--	--
N.C.W.E.B Library	2339	1,87,754	--	279	10	--	--	--	--
Department of Library & Information Science Library	227	287802	--	100	20600	20000	35000	--	4200
Department of Philosophy Library	--	--	--	91	16	--	--	--	--
Department of Zoology Library	103	2,19,602	--	243	21,600	9,900	67,000	--	--
Total	: 29580	21896636	48466432	17276	1394656	1135225	1871606	1963	4207
No. of Books as on 31.3.2007			=	14,21,516					
No. of Books added during the year			=	29,580					
No. of Books Written off during 2007-08			=	4,207					
Total No. of Books as on 31.03.2008			=	14,46,889					

WOMEN'S STUDIES AND DEVELOPMENT CENTRE

Major Activities

Completed research projects:

- Assessment of Attitudinal Difference towards Girl Child in Selected Districts of North India.
- A Preliminary Outline on the Demographic Structure of the University of Delhi Community.

Teaching and Training:

The classroom-cum-fieldwork programme Study Seminar on 'Gender and Society' was successfully conducted by WSDC.

Curriculum development

The Course curriculum for the certificate course on Women's Studies taught at different University of Delhi colleges was reviewed and revised.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
A Preliminary outline of the demographic structure of the the University of Delhi Community.	Manjeet Baruah	WSDC
NRI Marriages.	Prof. Vibha Chaturvedi Ms. Meenu Anand	WSDC

Seminars/Conferences attended

Dr. Nilima Srivastava and Ms. Meenu Anand: Presented papers on 'Women and Work' for a University group from Calgary University, Canada, Rajdoot Hotel, New Delhi, 21 May 2007.

Dr. Nilima Srivastava: Presented a paper 'Deconstructing Myths: Girl Child Today', International Seminar on 'Reassessing Third World Feminism', Centre for Women's Studies, Aligarh Muslim University, 21 November 2007.

Ms. Meenu Anand: Presented a paper 'Gender in Indian School Education', International Seminar on 'Reassessing Third World Feminism', Centre for Women's Studies, Aligarh Muslim University, 21 November 2007.

Prof. V. Chaturvedi, Dr. M. Bhatia, Dr. N. Srivastava and Ms. Meenu Anand. Made presentations on the girl child, education and domestic violence, WSDITROW Winter Institute, 4-12 January 2008.

Dr. Manjeet Baruah: Presented a paper 'Plantation Society and Assamese Fiction', National Seminar on Tribes of India, Department of MILLS, and ZSAS, Karbi Anglong, Delhi University, 5-7 September 2007.

Presented a paper 'Tea Plantations in Assam, Space and Governance: A Historical Perspective on North East India as a Category of Analysis', National Seminar on 'Towards a New Understanding of North East India', School of Social Sciences, Jawaharlal Nehru University, New Delhi, 23-25 January 2008.

Presented a paper 'Oral Short Narratives and Assamese Fiction: Two Examples', National Seminar on 'Short Narratives in the Oral Tradition of Eastern India', Department of MILLS, Delhi University, 5-6 March 2008.

Presented a paper 'Literary Criticism and "Time"', National Seminar on 'Beyond Frontiers: Literature and Other Areas of Knowledge', Department of MILLS, Delhi University, 7- 8 March 2008.

Prof. Vibha Chaturvedi: Chaired the panel discussion on 'Enhancing Women's Quality of Life' in the National Seminar organised by Gargi College, Delhi University, 27 November 2007.

Participated in the National Seminar on 'Female Vedic Figures', IGNC, New Delhi, 14 December 2007.

Dr. Nilima Srivastava: Presented a paper 'Socio-Cultural Practices towards Girl Child', in the National Seminar Emerging and Structural Contexts of Adverse Sex Ratio in Five North Indian States, Action India, New Delhi, 13 December 2007.

Presented a paper on a 'Girl Child', Department of Social Work, University of Lucknow, 14 December 2007.

Dr. Manjeet Bhatia: Made a presentation 'Rethinking Feminist Methodologies in Contemporary Research' at the Silver Jubilee 12th National Conference on Women's studies 'Feminism, Education and the transformation of Knowledges: Processes and Institutions', organised by Indian Association for Women's Studies, Lucknow.

Publications

Monographs/Reports

Chaturvedi, V. and Srivastava, N. 2007. *Assessment of Attitudinal Difference towards Girl Child in Selected Districts of North India*. Delhi: WSDC.

Books

Bhatia, M. et. al. (ed.). 2008. *Perspectives on Women in South Asia*, Jaipur : Rawat Publishers.

Research Reports

Bhatia, M. *Strategies to Operationalise Legislation on Domestic Violence Against Women: India and the United Kingdom.*

Srivastava, N. 2007. *Assessment of Attitudinal Difference towards Girl Child in Selected Districts of North India*, Delhi: WSDC.

Essays/Research Papers

Srivastava, N. 2007. S 'Mainstreaming Marginalized Tribal Women' in Pattnaik, P. (ed.) *Tribes of India: Identity, Culture and Lore*, Guwahati: Angik Publishers/Delhi University.

Anand, M. 2007. 'Women in Television: Depictions and Distortions', *Social Action*, Vol. 57, No. 4, New Delhi: Social Action Trust.

2007. 'Elementary Education: Need For Gender Based Reforms', *Social Welfare*, Vol. 54, No.1, New Delhi: Central Social Welfare Board.

Prasad, J. 2007. 'His Fiction and Aesthetics', *Sabda*, Vol. 1, No. 2, Guwahati: Wordsmith Publishers.

2007. 'Tea Plantation Society and Assamese Fiction' in Pattnaik, P. (ed.) *Tribes of India: Identity, Culture and Lore*, Guwahati: Angik Publishers/Delhi University.

Web Journals

Prasad, J. 2007. 'Translating Political Poetry of Assam', *Muse India*, www.museindia.com, Issue 15.

Books and Monographs

Baruah, M. 2008. *Problematic of Space and Historiography on Tea Plantations in Upper Brahmaputra Valley*, Guwahati: ICHR.

Goswami, I. 2007. *A Compilation on Her Life, Works and Achievements*, Delhi: BR Publications.

DELHI UNIVERSITY WOMEN'S ASSOCIATION

In recent years, DUWA has grown in size and quality of the socially meaningful activities. DUWA is now a major hub of socially activist groups.

The DUWA Executive Committee functioned with the help of various Conveners and Members of the Sub-Committees responsible for executing various programmes throughout the year. Principal of Usha Ganguli Shishu Vihar and Balwadi, Mrs. Devi Singh Roy, organised sports and painting competitions, picnic, visit to the Doll's and Rail Museums, Festival celebrations, dental checkups and a 'Graduation Day'. The Hostel Mess is working smoothly and a full-time Warden has joined. Good quality potted plants and snacks were

sold at the DUWA stall during the Annual Flower Show, which fetched a net profit of Rs. 13,200/- for the Welfare Fund. In the Diwali Mela, hand-made articles prepared by DUWA members were successfully sold. Coaching of children from the under-privileged section of the University was conducted under 'Sahyog' Programme'. Under the 'Drishti' programme, a large number of visually handicapped students were provided direct reading facility and recording their lessons on audio-tapes. An embroidery competition was also held. New books have been added to the Library. A three months-long Basic Computer Training Programme (now a regular activity of DUWA. A live demonstration on new cooking items and in-house competition were organised. A nine months-long Certificate Course for Office Secretaryship is a regular activity of DUWA. Interactive lectures were given by Prof. Aruna Broota on Child Psychology.

GUEST HOUSE

Major Activities

During the year 2007-08, 10 rooms were renovated. 2870 guests were provided accommodation and other guests care services. New EPABX systems with 48 extensions were installed and intercom facilities provided in all the rooms.

INTERNATIONAL GUEST HOUSE

Major Activities

The concept of the International Guest House came into existence to meet the requirements of the increasing visits by the international as well as national academic community. 1608 guests stayed at the International Guest House, among whom 839 were foreigners and 769 were Indians. During the same period, 1161 rooms-788 single and 373 double provided excellent service to the visiting guests. Thirty-one international conferences were held at the IGH.

GARDEN COMMITTEE

Major Activities

The following new lawns and gardens were developed by the Garden Committee:

- Lawns/garden of the Directorate of the Hindi Medium Implementation Board
- Renovation of the big lawn at Sir Shankar Lal Hall
- Planting of hedges/plants at different sites in the University campus (Fountain Terrace, Rose Vatika)
- Planting of different species of flowering and foliage plants at University Gate No. 3

Chrysanthemum Show

The Garden Committee organised the first Chrysanthemum Show on 3-7 December 2007 at the Conference Centre, 113 varieties of the flower were on display at the show.

Annual Flower Show

The 50th Annual Flower Show (Golden Jubilee Flower Show) was organised on 22 February 2008 on the lawns of the Faculty of Social Sciences. Prof. Deepak Pental, Vice-Chancellor, inaugurated the Show. The Hon'ble Lt. Governor of Delhi was the Chief Guest at the prize distribution function. Sixty-three Running Cups were awarded and several cash prizes were distributed to the participants.

CULTURE COUNCIL

Major Activities

Every year the Culture Council organises a number of Inter-College Cultural Programmes/Competitions in different colleges and maintains a busy cultural calendar. In September the Council started with Tantra-VIII, an extempore debate in English in Hindu College.

The Culture Council also organised/sponsored the following programmes:

- A National debate on behalf of the Indian Association of the Parliamentarians, on Population and Development, IAPPD Auditorium, 16-17 November 2007.
- Inter-College Classical Dance and Choir Competition cultural programme 'Vandematram', Deen Dayal Upadhyaya College.
- Inter-College Ghazal Competition for which the preliminaries were held in the Culture Council premises and the finals held in Shyama Prasad Mukherjee College, 22 November 2007.
- Kavi Sammelan, Deshbandhu College, November 2007.
- Hindi Debate 'Akhil Bhartiya Anter Mahavidyalaya Vad Vivad Partiyogita', Hans Raj College Auditorium, 24 January 2008.
- Cultural Programme 'Vasant Utsav' organised by the Faculty of Music & Fine Arts, 11 February 2008.
- Two-day drama event: 'The Inter-College Theatre Festival' performance and workshop in the Ramjas College premises.
- 'Srishti' organised by the Ambedkar Ganguly Hostel, 1 March 2008.
- Provided active support to a play 'Anji' performed by I.P. College, 3-4 March 2008.
- Released the 4th issue of the first quarterly bilingual newsletter, *Glimpse/Jhalak*.
- Accepted the invitation of GC University Lahore, Pakistan, to participate in the IInd Indo-Pak Drama Festival.

NATIONAL CADET CORPS

Major Activities

During the year 2007-08, 28,937 Boy Cadets and 9,739 Girl Cadets from various schools and colleges enrolled in the NCC's three wings Army, Navy and Air Force in both the Senior and Junior Divisions.

Specialised training was imparted to the Girl Cadets in Self-defence, Poster Painting, Nursing Training, Ecology, Para Sailing, First Aid and Home Nursing, Para Training and Self Grooming.

Fifty-two Cadets took part in various adventure activities. 4,362 Cadets took part in various Camps such as COC, Mountaineering, All India Trek, NICs, Para Sailing, Spl. NIC, Mtn Expedition, Desert Camel Safari, Mavlankar Shooting, PM Rally and TCS Boys/Girls. 25,860 Cadets actively participated in social service activities such as Blood Donation, Tree Planting, India China Friendship, Traffic Safety Week, Aids Rally, Vigilance Awareness Week, World Aids Day, Run for the 4th Military Games, Flag Hoisting Ceremony, Lecture by the DG NCC, the Subroto Cup Tournament's opening and closing ceremonies, COAS Welcome and Farewell, the Jawaharlal Nehru Hockey Tournament's opening and closing ceremonies, Cancer Awareness Rally, Anti Dowry Pledge, NCC Day, Doha Asian Games Torch Rally, Vijay Diwas, UNICEF, DMRC, Vande Mataram during RDC, C.M. Rally, Pulse Polio, Cheshire Home, World Health Day, Remembrance Day.

NATIONAL SERVICE SCHEME

Major Activities

The National Service Scheme Centre of Delhi University allocated a strength of 13,200 volunteers for the academic year 2007-08. More than 50 colleges have implemented the NSS Programme and enrolled their students under the Scheme to achieve the allocated targets.

The National Service Scheme Centre organised/sponsored the following programmes:

- 'Students' Orientation' course for the various zones.
- The NSS Regional Centre, Ministry of Youth Affairs and Sports and the NSS Centre, Delhi University, organised a camp for selection of NSS Volunteers for the Republic Day Camp, 19 September 2007.
- The NSS Centre and Escort Heart Institute & Research Centre, New Delhi, organised a free cardiac check-up camp and health awareness talk on 19 October 2007.
- Organised its 4th Inter-College debate 'Changing Social Values are an Index of Development', Tagore Hall, Delhi University, 18 December 2007.

UNIVERSITY EMPLOYMENT INFORMATION & GUIDANCE BUREAU

Major Activities

The University Employment Information & Guidance Bureau is rendering service to students as well as others in the field of career guidance, information on employment opportunities, various public examinations for employment and admission to various academic and professional courses. During the year, registration of 5,177 fresh job seekers was done and 4,091 persons were guided by the Bureau.

NON-COLLEGIATE WOMEN'S EDUCATION BOARD

Major Activities

This year the Board was to set up a Book Bank and provide financial aid to poor and deserving students. 130 under-graduate and one post-graduate student were provided these facilities.

Retd. Chief Justice Leela Seth released the 15th issue of the magazine *Pratibimb* at the annual function.

UNIVERSITY PRESS

Major Activities

The University Press has taken up various printing jobs, such as printing of different degrees, Answer Books, Prospectus, Yearly Review's, Annual Reports of the University, Academic Council/Executive Council minutes, examination forms and several other items of the University and its College, besides binding of various records and registers of the University.

1121 jobs, costing Rs. 1,67,26,889 were executed during the year 2007-08 and 1159 dockets were opened.

DELHI UNIVERSITY SOCIAL CENTRE CO-ED. SECONDARY SCHOOL

The School had a humble beginning at the behest of Sir Maurice Gwyer in pre-Independence India. A small group of voluntary women's organisations had started the school in 1945. It was in 1964 that it was put in the Delhi Government's grant in aid. Since then the school has been getting 95% funding from the Delhi Government and 5% from Delhi University.

The School mainly caters to the children of Delhi University employees and its present strength is of more than 500 students.

The School is shaping up as one of the model schools in this area both in academics and co-curricular activities.

W.U.S. HEALTH CENTRE

Major Activities

At present, the services of the W.U.S. Health Centre are spread to cover the entire area of Delhi. Health service facilities are provided to the University community. The total number of patients attended at the OPD in the W.U.S. Health Centre was 1,64,339. It also provides specialist consultancy services in ENT, Eye, Dental, Cardiology, Gynaecology, Psychiatry and Skin, and Para Medical services in Physiotherapy, E.C.G., Injection, Dressing, Lab. Tests, X-Ray Unit, Malaria Clinic, Night Emergency, Ambulance Service and Medical Examinations.

FOREIGN STUDENTS' REGISTRY

The Registry received approximately 4,000 applications from foreign students. About 1,500 were issued eligibility letters out of which approximately 650 students joined the University. At present there are a little over 1,350 foreign students from about 70 countries with Korea, Vietnam, Sri Lanka, Nepal, Mauritius, Thailand, Tibet, Bhutan, Iran, Afghanistan and China providing the largest numbers. Approximately 75% of the foreign students are registered under-graduate level courses while the rest are pursuing masters and doctoral level courses. While the Indian Council of Cultural Relations is sponsoring about 100 foreign students studying at Delhi University and the remaining students are financing their own education.

The Foreign Students' Registry ensures that the admission process is student friendly. Information related to admissions of foreign students as well as application forms are available on the official website of Delhi University (www.du.ac.in/foreign.html).

DIRECTORATE OF HINDI MEDIUM IMPLEMENTATION

Major Activities

The Founding Director, Professor J.C. Moona, Pro-Vice-Chancellor Professor S.K. Tandon, Advisory Committee Chairman Professor Ramesh Gautam, Professor Sudhish Pachori, Professor R.B. Jain, Dr. J.S. Arora, Dr. Kavita Sharma, Director Dr. Asha Gupta and many other dignitaries participated and highlighted the need for functioning and studying through the Hindi language. Dr. Asha Gupta also participated in a live programme on the national channel organised by Doordarshan to mark 'Hindi Diwas'.

Seminars/Conferences attended

Dr. Asha Gupta: Presented a paper 'Role of Languages in Globalizing Curriculum' at the Global Salzburg Seminar on Global Education at Monterey, California, USA, 22-24 January 2008.

Presented a paper on 'Cross-Border Higher Education: India's Response' at a Regional Conference on 'Strategic Choices for Higher Education Reform' organised by the Malaysian Ministry of Higher Education and the World Bank, Kuala Lumpur, 3-5 December 2007.

Participated at the Salzburg Global Seminars, Session 448 on 'The Dynamic Economies of India and China: What Lessons for Others', Salzburg, Austria, 13-18 November 2007.

Presented a paper on 'Entrepreneurial Universities: India's Response' at an International Seminar, Zhejiang University, Hangzhou, China, 3-4 April 2007.

Participated at various lectures/Seminars/Conferences organised by Delhi University, Gandhi Bhawan, India International Centre, American Centre and Teen Murti Library.

Publications

Books

Gupta, A. 2008. *Education in the 21st Century: Looking Beyond University*, New Delhi: Shipra Publications.

Gupta, A., Levy, Daniel, C. and Powar, K.B. (eds.). 2008. *Private Higher Education: Global Trends and Indian Perspectives*, New Delhi: Shipra Publications.

Articles

Gupta, A. 2008. 'Entrepreneurial University: India's response'. Research & Occasional Paper Series, CSHE, Berkeley, CA: University of California.

Gupta, A. and Patil, J. 2008. 'Enhancing equity in Indian higher education: NAAC's contribution'. Working on a UNESCO Project on 'EQA and Equity'.

Gupta, A. 2007. 'International trends in private higher education and the Indian scenario'. In *Marketing to the Indian Youth: Trend and Opportunities*, Ghose, A. (ed.), Hyderabad: The ICFAI University Press, 142-75.

2007. 'From womanhood to personhood: The role of education'. In *Women's Education and Development*, Tilak, J.B.G. (ed.), New Delhi: Gyan Publishing House, pp. 283-301.

2007. 'New private higher education in India'. In *International Higher Education*, Winter, Boston, 46.

2007. 'Higher Education and economic growth: India and China'. *International Journal of Private Education China*, Qifang Private Education Research Institute, Xian International University.

THE DEAN, STUDENTS' WELFARE

The main activity of the office of the Dean, Students' Welfare, starts with preparation for the admission of students to various under-graduate courses in the Colleges of the University. Seventeen Admission Information Centres were opened, one each in the Main Campus and South Campus and the others in 15 Colleges located in various parts of the city to sell and receive the Common Pre-admission O.M.R. form for admission to various courses and to counsel candidates.

Nearly 1,35,000 forms were sold. Four cut-off lists for various courses declared by the Colleges were prepared and released to the press. The admission procedure was explained to the public through television, radio and national newspapers.

The University formed three Admission Grievance Committees in the Main Campus, South Campus and specifically for SC/ST and Physically Challenged candidates.

The Dean's Office organised Orientation Programmes for SC/ST students. Special counselling for the physically challenged students was also arranged at the office of the Dean, Students' Welfare.

For students belonging to the Physically Challenged category, intense counselling was undertaken by a dedicated team of teacher and student volunteers at the Dean's Office.

This Office also monitored the facilities provided by the Delhi Transport Corporation in the smooth running of University Specials. It worked in close collaboration with the Delhi University Students Union in many fields. Throughout the year, the Office looked into specific grievances brought to its notice by individual students and DUSU and made efforts to have them redressed. The office of DSW provided a healthy support system for the welfare of students.

GANDHI BHAWAN

Major Activities

A series of special lectures and seminars were organised at Gandhi Bhawan. Eminent professors and experts in Gandhian philosophy were invited to speak on Gandhian thought and action. Interactive sessions were held with eminent Gandhian scholars with excellent participation of students, faculty and staff of Delhi University and other institutions. Lectures and workshops were graced by the Vice-Chancellor, Pro-Vice-Chancellor, Dean of Colleges, Director-South Campus, Registrar, Finance Officer and other University officials, which served as a great source of inspiration for the University fraternity and boosted the image of Gandhi Bhawan. The Bhawan organised a Gandhi Darshan Yatra from 27 December 2007 to 9 January 2008. It has also started a Counselling Centre by appointing a counsellor to cater the needs of the University fraternity.

Seminars/Conferences held

Prof. R.P. Mishra, Former Vice-Chancellor, University of Allahabad: Lecture on 'Satyagraha: Gandhian Way of Conflict Resolution and Peace', 14 December 2007.

Prof. Anthony J. Parel: Lecture on 'From Political Thought in India to Indian Political Thought: Gandhiji's Contribution', 18 February 2008.

A two-day Workshop on 'Yoga for Healthy Lifestyle' with special focus on University students by Gandhi Bhawan, Delhi University, in collaboration with Morarji Desai National Institute of Yoga, New Delhi, 27-28 March 2008.

Re-Reading of Classics: In this programme, Mahatma Gandhi's 'Hind Swaraj' was taken up for re-reading on 5 November 2007 and in continuation of this, an interactive session was held on 29 January 2008. Prof. Manager Pandey and Shri Prabhash Joshi were the eminent speakers on both occasions.

ARAVALI POST-GRADUATE MEN'S HOSTEL

The Aravali Post-graduate Hostel provides accommodation facilities for research scholars and post-graduate students of the University of Delhi on South Campus. The hostel provides single-room accommodation and other facilities for students registered for Ph.D., M.Phil. and post-graduate courses in South Campus.

AMBEDKAR GANGULY STUDENTS' HOUSE FOR WOMEN

Major Activities

The hostel celebrated its annual function on 7 March 2008 and the Director, South Campus, graced the occasion. The students had presented several musical and cultural activities on stage. They were awarded prizes and merit certificates on this auspicious day.

GEETANJALI HOSTEL

Major Activities

Painting, Creative Writing and Sports competitions were held and the residents were given prizes during the Annual Day celebrations. The hostel celebrated its Annual Cultural Note on 20th February 2008 and the Director, South Campus, graced the occasion.

The Hostel had been selected for conversion into a disabled-friendly hostel and the work was completed under the efficient supervision of the Engineering Department, South Campus. It was formally acknowledged on the eve of the Hostel Nite in the presence of the team of Samarthyaa (National Centre for Promotion of Barrier-Free Environment for Disabled Persons), Ms. Anjali Aggarwal and Mr. Sanjeev Sachdeva.

GWYER HALL

Major Activities

Gwyer Hall is the oldest and most prestigious Men's Hostel of Delhi University. It provides a distinct ambience where students and faculty members reside together, contributing collectively to ensure preservation of the spirit and rich heritage that have survived over the years of its existence and services. Gwyerians, over the years, have left their indelible imprint on all walks of life in India and abroad.

Provision has been for installing 10 computers for Internet access for the residents of Gwyer Hall. This will enhance computer knowledge and upgrade the skills of residents as well as other students.

UNIVERSITY HOSTEL FOR WOMEN

Major Activities

The UHW union organised the fresher's welcome named 'Confluence or Sangam'. It was a two-day gala affair. UHW celebrated various patriotic, religious and cultural occasions such as Republic Day, Independence Day and festivals like Christmas, Lohri, Makar Sankranti, Eid, Saraswati Puja, Easter, Holi, Diwali, etc. with tremendous zeal.

The University has sanctioned special funds for the hostel. Hostel authorities, in consultation with the residents, provided a gymnasium for the students. New equipment were procured for the mess.

INTERNATIONAL STUDENTS' HOUSE

Major Activities

The International Students' House was set up in 1964 by the Indian Council for Cultural Relations, Ministry of External Affairs. Currently there are foreign students and post-graduate Indian students in a ratio of 80:20. There are single-seated 98 rooms. During the academic year 2007-08, 78 foreign students from 35 countries, in addition to 20 Indian students, were residing in the House, presenting an amalgamation and diverse mosaic of International and Indian cultures. Because of its internal nature, ISH occupies a special position in the hostel system of Delhi University.

The House Union 2007-08 organised the following cultural events:

1. A fresher's welcome party
2. Various patriotic, religious and cultural festivals.

INTERNATIONAL STUDENTS' HOUSE FOR WOMEN

Major Activities

During 2007-08, the following additional facilities were made available for the residents:

- Bus facility between ISHW Complex to the University between 7.45 a.m. and 6.15 p.m.
- Library equipped with additional books for general reference
- 8 Delhi University Internet connections and 4 Sify Internet connections
- Solar water heating system.

D.S. KOTHARI HOSTEL

Major Activities

Kothari Hostel is a post-graduate and research scholar hostel with a capacity to accommodate 89 students coming from various states for higher studies. The hostel has been celebrating all important national and cultural festivals with the participation of all residents and functionaries.

This year the hostel up-graded the mess with modern mess equipment, opened students a gym room, badminton court and common room for indoor game, for recreation of the students.

JUBILEE HALL

Major Activities

Jubilee Hall is a prime hall of residence for full-time post-graduate and research students of Delhi University. It was founded in 1947 on the occasion of the Silver Jubilee of the University.

The Hall performed the following activities:

- The Jubilation 2008 Annual Festival was celebrated on 1 March 2008 with great pomp and show on a very large scale. Shri Lalit Man Singh, former Ambassador to USA, graced the occasion as Chief Guest.
- Participated in the Golden Jubilee flower show of the University held in February 2008 and won the Delhi School of Social Work Cup.
- To maintain its glory, this year too a number of residents were selected for the IAS, IPS and other All India Competitive Services of the Government of India.
- To maintain harmony and its basic character of 'Unity in Diversity', the Hall celebrated all festivals, viz. Saraswati Pooja, Holi, Eid, Independence Day, Diwali and Christmas with gaiety and enthusiasm.

WUS UNIVERSITY HOSTEL

WUS University is the residence for post-doctoral women researchers, teachers of the University and visiting teachers with a seating capacity of 18. The hostel was taken over by the University from the World University Services in 1990.

V.K.R.V. RAO HOSTEL

Major Activities

All the National Days and Festivals were celebrated to familiarise the residents with the culture of national and international students.

A cultural evening, and inter-hostel cricket tournament were organised during the year.

The Hostel was equipped with an intercom system for all the rooms during the academic year.

A series of lectures and pre-dinner discussions were held during the year by eminent scholars.

MEGHDOOT HOSTEL

Major Activities

The hostel organized a MEGHYAMINI Cultural night; Padma Bhushan Pandit Debu Choudhary graced the occasion. The event presented the different cultures of India.

The Hostel organised various functions to mark and celebrate occasions like Independence Day, Diwali, Christmas, Republic Day, etc.

NORTH EASTERN STUDENTS' HOUSE FOR WOMEN

Major Activities

For the first time in the history of the hostel, a Spic Macay event was organised on 15 February 2008. Pt. Shri Rajan and Pt. Shri Sajan Mishra performed before a packed audience. This year, the focus was on traditional music and dance of the North-Eastern states.

The Hostel organised various functions to mark and celebrate occasions like Independence Day, Diwali, Christmas, Republic Day, etc.

SARAMATI POST-GRADUATE MEN'S HOSTEL

Major Activities

Saramati Post-Graduate Men's Hostel provides residential facility to students from the north-eastern parts of the country studying in the University of Delhi as well as other students pursuing academic programmes in the South Campus.

The following additional facilities were made available for the residents:

- A double-seated air-conditioned guest room, a spacious recreation centre and a reading room
- Latest computer wireless network system to provide online Internet/Intranet connectivity
- A separate computer lab, which is hooked up to the University network system to provide computing and Internet facility.

DEPARTMENTS

FACULTY OF ARTS

ARABIC

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	1
M.Phil.	-	3

Honours/Distinctions

Prof. M.N. Khan: Visiting Professor, Department of Arabic and Persian, University of Calcutta, Kolkata, 7-22 January 2008.

Seminar held

One-day National Seminar on 'Humour in Arabic Literature', 25 March 2008.

Seminars/Conferences attended

Prof. M.N. Khan: National Workshop on 'Khuda Bakhsh Library Vision 2020', Khuda Bakhsh, O.P. Library, Patna, 14-15 February 2008.

Prof. M.N. Khan and Dr. Wali Akhtar: National Seminar on 'Modern Arabic Literature in Sudan', EFLU, Hyderabad, 12-13 November 2007.

BUDDHIST STUDIES

Major Activities

The Department has celebrated its Golden Jubilee Year by organizing a three-day International Seminar on the theme 'Sangitis (Buddhist Councils): Perspectives and Prospects', 8-10 February 2008. The Department has published one book titled *Researches in Buddhist Studies: A Descriptive Bibliography* which contains titles and abstracts of almost all the Ph.D. theses submitted in last 50 years on the occasion of its *Golden Jubilee Year* and released it during the Inaugural Session of the Department's International Seminar. Here it is imperative to mention that this book has been released by the Pro-Vice-Chancellor.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	14
M.Phil.	-	16

Appointment of faculty members to higher Posts/Assignments

K.T.S. Sarao: Visiting Professor at Viswa Bharat, Santiniketan, (West Bengal), 1-14 March 2008.

Honours/Distinctions

Bhikshu Satyapala: Assigned academic works in the form of Visiting Fellow in Australia, Vietnam and Taiwan.

Seminars/Conferences attended

K.T.S. Sarao: Read a paper entitled 'Dissent and protest in Early Buddhism: Background to Buddhist Councils', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Presented a power point presentation on the topic entitled 'Pilgrimage to Kailash: A Photographical Journey', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Session chairperson, 1st International CBS Conference on Buddhism and its Social Significance for the Asian World, Visva Bharati, Santiniketan, 25-28 September 2007.

Participated in 32nd International Buddhist Conference, Indosan Nipponji, Bodhgaya, India, 8-9 December 2007.

5th Biannual International Conference on Unity in Diversity, K.J. Somaya Centre for Buddhist Studies, Mumbai, 10-13 January 2008.

Session Chairperson, International Seminar on Buddhist Sangitis, Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Key-note speaker, National Seminar on Socially Engaged Buddhism, Centre for Buddhist Studies, Punjabi University, Patiala, 31 March-01 April 2007.

Plenary Lecture, Two-day National Seminar on Research Methodology, Department of Pāli, Pune University, Pune, 24-25 March 2008.

Two-day Nineteenth Padmapani Lecture 2007 on Concept of Pilgrimage in Buddhism jointly organised by Tibet House and India International Centre at India International Centre, New Delhi, 12-13 December 2007.

Bhikshu Satyapala: Read a paper entitled 'Sangitis Tradition and Pāli Literature', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Read a paper on 'Contribution of Vietnamese Buddhism', International Conference, Vietnam Buddhist Academy, 8-9 November 2007.

Read a paper entitled 'Sangitis Tradition as depicted in Theravada Literature', Popa Mountain Resort, Myanmar, 9-10 March 2008.

Hira Paul Gangnegi: Read a paper entitled 'On Religious Council of Tholing Monastery (1076 CE)', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Read a paper entitled 'Tibetan Influence on the Tangut Buddhist Art and Religion' in a Symposium under the Ford Foundation, St. Petersburg branch of the Institute of Oriental Studies, Russian Academy of Science, St. Petersburg, 25-27 April 2007.

Read a paper titled 'Place of Sanskrit in the Evolution of Tibetal Buddhist Literature', Seminar organised by Faculty of Languages, Panjab University, Chandigarh, 2-3 November 2007.

Delivered a keynote address International Seminar on the theme 'Peace Through Reconciliation: An Asian Experience' organised by Harijan Sevak Sangh, a Circle Co-ordinator of United Religions Initiative of San Francisco, USA, New Delhi, 22-25 November 2007.

Presented a paper entitled 'Bhot Desh Mein Baudhadharma Ke Vikash Mein Acharya Padmasambhav Ka Yogdan', National Conference on the topic 'Bharat Desh Aur Bhot Desh Ke Dharmika Evam Sanskritik Sambandhon Mein Acharya Padmasambhava Ka Aitehasika Yogdan' at Rewalsar, Mandi, Himachal Pradesh, 12-15 February 2008.

Delivered a keynote address at a Seminar on 'Role of Women in Multi-Cultural Society' organised by Harijan Sevak Sangh, 8 March 2008.

Participated in International Seminar and Exhibition on the topic 'History of the Cultural Asian Collections in Institutions Worldwide' organised by IGNCA in collaboration with The International Dunhuang Project, British Library, London (UK) and Ford Foundation at IGNCA, New Delhi, 17 March 2008.

Participated in a One-day Seminar-cum-Panel Discussion on the topic 'Making of India as a Nation: An Inter-Language Dialogue', Department of Chinese and Tibetan Language, Panjab University, Chandigarh, 20 March 2008.

R.K. Rana: Read a paper entitled 'Buddhist Councils and Royal Patronage: In the Indian Context', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Subhra Pavagadhi Barua: Read a paper entitled 'A Short Appraisal of the Effectiveness of the Councils in Preserving its Saddhamma', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Veena Gaur: Read a paper entitled 'Sanskrit Baudha Sahitya Mein Varnit 'Sangitis: Ek Samiksha', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Siyaram Mishra Haldhar: Presented a Power Point presentation on the topic entitled 'An Analysis of Aluvihar Buddhist Council', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Lalan Kumar Jha: Read a paper entitled 'Necessity of Sangitis', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

P.K. Singh Rana: Read a paper entitled 'Sangiti and the concept of Vipallasa (Viprayasa): A Controversy', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Arvind Kumar Singh: Read a paper entitled 'First Buddhist Councils as Depicted in Different Sources', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Chandrashekhar Paswan: Read a paper entitled 'Relevance of Third Buddhist Council in Spread and Development of Buddhism', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Krishna Murari: Read a paper entitled 'Ashoka and Third Buddhist Council: Elements of Patronization and Legitimization', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Sanjay Kumar Tiwary: Read a paper entitled 'Chaturth Baudha Sangiti Evam Vibhãœã ãstra', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Mukesh Kumar Verma: Participated in an International Conference on 'Indian and Chinese Philosophical Perspectives on Knowledge, Wisdom and Spirituality' organised by Harvard-Yenching Institute, USA and Centre for Studies in Civilizations, in collaboration with Indian Philosophy Congress, New Delhi, 28-30 December 2007.

Read a paper entitled 'Dvitiya Baudha Sangõti Ke Kal Mein Nikayon Ka Udbhava Evam Vikash', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Sanjaya Kumar Singh: Read a paper entitled 'Shruti Parampara Tatha Sangiti', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Kavita Chauhan: Read a paper entitled 'Third Buddhist Council and Spread of Buddhism', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Praveen Kumar: Read a paper entitled 'Missionary Activities after Third Buddhist Council', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

K.N. Tiwary: Read a paper entitled 'Historicity of Third Buddhist Council and Spread of Buddhism', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Ravi Shankar Singh: Read a paper entitled 'Introduction of Buddhism in Myanmar: After Third Buddhist Council', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects' at Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Ven Nguyen Thi Tuyet: Read a paper entitled 'Origin and Development of Mahasamghika School of Buddhism (Second Buddhist Council)', International seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects' at Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Ven Lieu Phap: Read a paper entitled 'Five Controversial Points of Mahadeva as Reflected in the Kathāvattu', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Ven Sumedha: Read a paper entitled 'Sangitis: Their Role in Maintaining the Purity and Sanctity of the Buddhavacana', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Rajneesh Kumar Singh: Read a paper entitled 'Prathama Baudha Sangiti Mein Anand Ka Yogdan', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Lalji Medhankar: Read a paper entitled 'Chattha Sangāyana Aur Uskā Parinām: Bhārat Ke Sandarbha Mein', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Surjeet Kumar Singh: Read a paper entitled 'Baudha Sangiti Mein Loktantra Ki Avdharna', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Rakesh Kumar: Read a paper entitled 'The Whispering of Similar Sounds in Textual recordings: Themes and Context of the Theravadin Buddhist Sangitis and Tamil Sangams', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

Ven Chue Ming: Read a paper entitled 'The Impact of Sangiti in China: the Creation of Chinese Canons', International Seminar on 'Sangitis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University, 8-10 February 2008.

S.M. Haldhar: Presented a paper titled 'Role of Atisa Dipankar' organised by Exile Government of Tibet in collaboration of Faculty of Management Studies and Department of History, SGTB Khalsa College, Delhi University, August 2007.

Presented a paper entitle 'A Study of Inscriptions from Ancient Sri Lanka' in the National Seminar on 'Life and Teachings of Lord Buddha' organised by Institute of Sanskrit and Indological Studies, Kurukshetra University, Kurukshetra, 23-24 October 2007.

Presented a paper titled, 'An Outlook of Ashokan Inscriptions', at 18th Session of UP History Congress, Dr. B.R. Ambedkar University, Agra, 8-9 September 2007.

Presented a paper titled 'A Textual and Archaeological Study of Thuna (Thaneshwar)' in the Punjab History Conference, Patiala, 14-16 March 2008.

Lalan Kumar Jha: Presented a paper entitled 'Chitta (Consciousness): An Introduction' in the National Seminar on 'Life and Teachings of Lord Buddha' organised by Institute of Sanskrit and Indological Studies, Kurukshetra University, 23-24 October 2007.

Presented a Power Point presentation on 'Basic Human Values and Buddhism' at Sathya Sai International School for Human Values, to the principals of Navodaya Vidyalaya, 24 January 2008.

Arvind Kumar Singh: Attended a Two-day Nineteenth Padmapani Lecture 2007 on Concept of Pilgrimage in Buddhism jointly organised by Tibet House and India International Centre, India International Centre, New Delhi, 12-13 December 2007.

Presented a paper entitled 'Gugu Padma Sambhava Evam Sikkim Mein Baudh Dharma Ka Prachar aur Prasar' in the National Conference on the topic 'Bharat Desh Aur Bhot Desh Ke Dharmika Evam Sanskritik Sambandhon Mein Acharya Padmasambhava Ka Aitehasika Yogdan' at Rewalsar, Mandi, Himachal Pradesh, 12-15 February 2008.

Presented a paper entitled 'An Overview of Buddhist Literature' in the National Seminar on 'Life and Teachings of Lord Buddha' organised by Institute of Sanskrit and Indological Studies, Kurukshetra University, 23-24 October 2007.

Participated in the capacity of Organiser of an International Seminar on the theme 'Peace through Reconciliation: An Asian Experience' organised by Harijan Sevak Sangh, a Circle Co-ordinator of United Religions Initiative of San Francisco, USA, New Delhi, 22-25 November 2007.

Participated in the capacity of Organiser of a Seminar on the theme 'Role of Women in Multi-Cultural Society' organised by Harijan Sevak Sangh, to celebrate World Women's Day, Harijan Sevak Sangh, Delhi, 8 March 2008.

Krishna Murari: Presented a paper entitled 'Prachina Baudha Sahityon Mein Rajya Ki Utpatti Ki Sankalpna' in the National Seminar on 'Life and Teachings of Lord Buddha' organised by Institute of Sanskrit and Indological Studies, Kurukshetra University, 23-24 October 2007.

Presented a paper entitled 'Property Rights and Ganasanghas at the Time of the Buddha' in the 68th Session of Indian History Congress, Delhi University, 28-30 December 2007.

Participated in the capacity of volunteer at an International Seminar on the theme 'Peace through Reconciliation: An Asian Experience' organised by Harijan Sevak Sangh, a Circle Co-ordinator of United Religions Initiative of San Francisco, USA, New Delhi, 22-25 November 2007.

Mukesh Kumar Verma: Presented a paper entitled 'Baudha Dharma Darshan Mein Karmavad', National Seminar on 'Life and Teachings of Lord Buddha' organised by Institute of Sanskrit and Indological Studies, Kurukshetra University, 23-24, October 2007.

Publications

Books

Satyapala, B. 2008. *Khuddaka Pāṭha* (Bengali Translation from original Pāli), Delhi: Buddha Triratna Mission.

Sarao, K.T.S. 2007. *Pracin Bharat Buddha Dharama: Udabhava, Subha ate Patana* (Punjabi), Patiala: Punjabi Publication Division, Punjabi University.

2007. *Adhunik Japan ka Itihasa*, (3rd edition), Delhi University: Directorate of Hindi Medium Implementation.

2008. *Kailash Pilgrimage: The Indian Route*, Delhi: Aryan Publishers and Department of Buddhist Studies, Delhi University.

Singh, A.K. and Jha, L.K. 2008. *Researches in Buddhist Studies: A Descriptive Bibliography*, Delhi: Vidya Nidhi Prakashan.

Jha, L.K. 2008. *The Vimuttimaggā: A Critical Study*, Delhi: Vidyanidhi Prakashan.

Haldhar, S.M. 2008. *Iron Markets and Alms Bowls: Re-reading of Early Buddhism*, Delhi: Department of Buddhist Studies, Delhi University.

Research Articles in books or Scholarly Journals

Sarao, K.T.S. 2007. 'Charity' and 'Soul' *Encyclopedia of Love in World Religions* (ed. Yudit K. Greenberg), Santa Barbara: ABC-CLIO.

2007. 'Buddhist Dharma as Deep Ecology' in Sankarnarayan, K. and Mahadevan, K. et. al. (eds.), *Dharma and Abhidharma*, Mumbai: Somaiya Publications, Vol. 1 : 249-63.

Satyapala, B. 2007. 'Dhammachakrapravartana-Sutra Aur Vishwa Sanskriti' (Hindi), '*Buddhist Studies*', Vol. XXXIII (99-109), Journal of the Department of Buddhist Studies.

Gangnegi, H.P. 2007. 'Tibbati Baudha - Sāhitya Ko Sanskrit Ki Dena' *Buddhist Studies* Vol. XXXIII (110-15), Journal of the Department of Buddhist Studies.

Pavagadhi, S.B. 2007. 'Baudha Parisadein' '*Buddhist Studies*', Vol. XXXIII (116-29), Journal of the Department of Buddhist Studies.

Gaur, V. 2007. 'Dhammapada: Viswa Ki Dharohar', '*Buddhist Studies*', Vol. XXXIII (165-72), Journal of the Department of Buddhist Studies.

Haldhar, S.M. 2007. 'An Analytical Study of the Historical Significance of the Impact of Pāli on Bairat-Bhabru Rock Edict of Asoka, *Buddhist Studies*, Vol. XXXIII (36-45), Journal of the Department of Buddhist Studies.

2007. 'Role of Ācārya Dōpankar Srijñana in the Development of Buddhism in Tibet', Vol. XXXIV, '*Buddhist Studies*', the Journal of the Department of Buddhist Studies.

2008. 'A History of Laddakh' published in the proceedings of Punjab History Conference, 39th Session at Patiala.

2007. 'An Exploration of Advent of Buddhism in Thailand' in '*Indo-Thai: Historical and Cultural Linkages*' (ed. Mishra, N.), Delhi: Manohar Publishers and Distributors.

Jha, L.K. 2007. 'Consciousness (Citta): An Introduction' '*Buddhist Studies*', Vol. XXXIII (16-9), Journal of the Department of Buddhist Studies.

Singh, R.P.K. 2007. 'Abhidhamma and Russel' '*Buddhist Studies*', Vol. XXXIII (46-58), Journal of the Department of Buddhist Studies.

2007. 'Consciousness and Psychic Factors in Pāli Buddhist Literature' in '*Indo-Thai: Historical and Cultural Linkages*' (ed. Mishra, N.) Delhi: Manohar Publishers and Distributors.

Singh, A.K. 2007. 'Tracing the Signs of Buddhism in Modern Punjab', '*Buddhist Studies*' Vol. XXXIII (59-66), Journal of the Department of Buddhist Studies.

2007. 'The Dhammapada' published in *Fellowship*, A Half Yearly Journal of Commission for Inter Religious Dialogue, Vol. XV(2) (14-17).

2007. 'The Relevance of Buddhism in Attaining World Peace' in *Sanskriti Sandhan*' (ed. Yadav, J.), pp. 238-45.

Murari, K. 2007. 'The Brahmanas in the Jataka Literature: A Narrative of Hierarchies and Occupations', published in the Proceedings of 67th Session of Indian History Congress, Faruque College, Calicut (Kerala), pp. 82-91.

2007. 'Prachina Baudha Sahityon Mein Rajya Ki Utpatti Ki Sankalpna', '*Buddhist Studies*' Vol. XXXIII (173-81), Journal of the Department of Buddhist Studies.

2008. 'Peasants and Buddhism: A Study (Based on Pāli Literature)' published in *Region in Indian History* (ed. Zafri, S.Z.H. and Pratap, M.), Anamika Publication, pp. 52-61.

Singh, S.K. 2007. 'Sakaya Nirutiya: Ek Vishleshana' '*Buddhist Studies*', Vol. XXXIII (182-84), Journal of the Department of Buddhist Studies.

Paswan, C. 2007. 'Development of Buddhism Under the Gupta Period' '*Buddhist Studies*', Vol. XXXIII (67-82), Journal of the Department of Buddhist Studies.

2007. 'Buddha Aur Ambedkar Ke Vicharon Mein Samajavada Ki Avadharna' published in *Pratyaya* (Hindi Magazine)', Mau (UP), pp. 26-30.

Verma, M.K. 2007. 'Shanti Evam Saha Astitva Ke Sandarbha Mein Baudha Darshana Ki Prasangikta' '*Buddhist Studies*', Vol. XXXIII (185-92), Journal of the Department of Buddhist Studies.

ENGLISH

Seminars/Conferences attended

Prof. Sumanyu Satpathy: Lectured widely at La Trobe University, Australia, March-June 2007.

Prof. Harish Trivedi: Delivered Conference papers and/or keynote/plenary/invited lectures during the year 2007 at Universities at Osaka, Tokyo, Melbourne, Hong Kong, Shanghai, Istanbul, Tel Aviv, Corfu, Pietermaritzburg, Canterbury and Vancouver, mainly on Postcolonial Literature and Theory, and Translation Studies.

Prof. Malashri Lal: 'Global Network for Innovations in Governance', Harvard University, Ash Institute, 31 March-3 April 2008.

Dr. Udaya Kumar: Keynote address: 'Reading Life: Biographies, Autobiographies and Lives as Objects of Study', National Seminar on 'Life Writing and Self-Fashioning in India: Forms of Revision and Recovery', Tezpur University, Tezpur, February 2008.

Presented a paper title 'Literary Texts and the Domain of Practices: Some Questions of Knowledge and Agency.' National Conference on 'Literature as Knowledge System', Department of Comparative Literature, Jadavpur University, Kolkata, December 2007.

Title of presentation 'Literature, Communities and the Domain of Everyday Life: Some Observations on Life Narratives and the Partition of the Sensible, International Conference on Political and Cultural Institutions of Development: Reflections and New Research Directions in Africa and Asia, ENRECA at Kampala, Uganda, May 2007.

Honours/Distinctions

Prof. Sumanyu Satpathy: Distinguished Fellow, Institute for Advanced Study, La Trobe University, Melbourne, March-June 2007.

UGC Visiting Fellow, Utkal University, March-April 2008.

Prof. Malashri Lal: Visiting Professor, Indian Institute of Advanced Study, Shimla, May 2007.

Prof. Harish Trivedi: Vice-President, Comparative Literature Association of India (2007).

Dr. Udaya Kumar: UGC Visiting Fellow to the Department of Political Science, University of Hyderabad, October 2007. Titles of lectures and Seminars: 'Postmodernism, Post-structuralism and the Critique of the Enlightenment', 'Autobiography as a Way of Writing History: Personal Narratives from Kerala and the Inhabitation of Modernity', 'Cultural Studies and the Question of the Real', 'Sree Narayana Guru and Questions of the Body'.

Publications

Chakrabarti, S. 2007. 'The Shadow of Eliot Across Bengali Poetry of the 1930s'. In *The International Reception of T.S. Eliot*, (eds) Elisabeth Daumer and Shyamal Bagchee, London and New York: Continuum Reception Studies, pp. 88-102.

2007. 'Beyond the Intricate Web of Words: An Essay on Tagore's Ghare Baire'. In *Towards Freedom: Critical Essays on Tagore's Ghare Baire/The Home and the World* (eds) Sengupta, S., Roy, S. and Purkayastha, S., Delhi: Orient Longman, pp. 100-13.

2008. *Poronto Alor Katha* (a volume of poems in Bangla), Kolkata: Ananda Publishers.

2007. (ed.). *The Way of the World by William Congreve*, Delhi: Orient Longman.

Kumar, U. 2008. 'Representation and Testimony: Anand's Novels and the Problem of Justice', in *Justice: Political, Social, Juridical*, (eds) Bhargava, R., Dusche, M. and Reifeld, H., New Delhi: Sage, pp. 169-200.

2007. 'The Public, the State and New Domains of Writing: On Ramakrishna Pillai's Conception of Literary and Political Expression', *Tapasam: A Quarterly Journal of Kerala Studies*, 2: 3 & 4: 413-41.

2007. In *Mayalam: 'Atmakathakal Caritramezhutumbol'* [When Autobiographies Write History], in *Samskarika Padanam: Caritram, Siddhantam, Prayogam* [Cultural Studies: History, Theory, Practice], (eds) Kumar, D. et. al. Kalady: Malayala Padana Sangham.

Books and Edited Volumes:

Satpathy, S. 2008. Edited and Translated *Voyage Out: Contemporary Oriya Short Stories by Women Writers*. Bhubaneswar: Rupantar.

2007. *The Tenth Rasa: A Book of Indian Nonsense with Introduction and Notes*, Edited with an Introduction, co-editors, Michael Heyman and Anoushka Ravi Sankar. New Delhi: Penguin India.

Books

Trivedi, H. 2007. *The Nation Across the World: Postcolonial Literary Representations*. (eds) Trivedi, H., Mukherjee, M., Vijayasree, C. and Kumar, T.V. New Delhi: Oxford University Press.

2007. *Nation in Imagination: Essays on Nationalism, Sub-Nationalisms and Narration*. (eds) Vijayasree, C., Mukherjee, M., Trivedi, H. and Kumar, T.V. Hyderabad: Orient Longman.

2007. *Focus India: Postcolonial Narratives of the Nation*. (eds) Kumar, T.V., Mukherjee, M., Trivedi, H. and Vijayasree, C. Delhi: Pencraft International.

Lal, M. 2007. (Co-editor). *The Indian Family in Transition: Reading Literary and Cultural Texts*, New Delhi: Sage Publishers.

Articles

Trivedi, H. 2007. 'Western Classics, Indian Classics: Postcolonial Contestations', in *Classics in Postcolonial Worlds*, (eds.) Lorna Hardwick and Carol Gillespie, Oxford: Oxford University Press, pp. 286-304.

2007. 'Colonial Influence, Postcolonial Intertextuality: Western Literature and Indian Literature', in *Forum for Modern Language Studies*, Oxford: Oxford University Press, Vol. 43, No. 2, pp. 121-33.

2007. 'The Nation and the World: An Introduction', in *The Nation across the World: Postcolonial Literary Representations*, (eds) Trivedi, H., Mukherjee, M., Vijayasree, C. and Kumar, T.V., New Delhi: Oxford University Press, pp. 9-32.

2007. 'Translating culture vs. cultural translation', in *In Translation: Reflections, Refractions, Transformations*, (eds) Paul St-Pierre and Prafulla, S. Kar., Amsterdam: John Benjamins, pp. 277-87.

2007. 'From Bollywood to Hollywood: The Globalization of Hindi Cinema', in *The Postcolonial and the Global*, (eds) Krishnaswamy, R. and Hawley, J., Minneapolis: University of Minnesota Press, pp. 200-10.

Lal, M. 'Indira Goswami and Women's Empowerment' in *Mamoni Roysamar Abha Aru Pratibha*, (ed.) Hussain, N., Guwhati.

Research Articles

Satpathy, S. 2007. 'A Portrait of the Artist as a Young Lesbian: Social Change, Genre and Gender in *The Well of Loneliness*' in Subhas Chandra, (ed.) *Lesbian Voices*, Delhi: Allied.

GERMANIC AND ROMANCE STUDIES

Major Activities

Special lectures were delivered by the following Visiting Fellows in 2007-08:

- Jean-Francois Durand, University of Montpellier, France, in November 2007
- Sheila Estaire, University of Nebrija, Spain, in November 2007
- Hanna Papanek: Timothy Walker, University of Massachusetts, Dartmouth, USA, in January 2008
- Nicola Frith, University of Liverpool, UK, in January 2008
- Fabienne Bradu, Instituto de Estudios Críticos, Mexico, in February 2008
- Dirk Wiemann, University of Tübingen in March 2008
- Tanya Meyer, University of Oldenburg, Germany, in March 2008

Ph.D. Degree awarded

Ph.D. in Spanish - 1

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Impact of Social Movements on Latin American Literature.	Prof. Vibha Maurya	Scheme to strengthen R&D Doctoral Research Programme by providing funds to University Faculty
The 1857 Revolt in German Newspapers.	Prof. Shaswati Mazumdar	-do-
The 1857 Revolt in Italian Press.	Dr. Sharmistha Lahiri	-do-
Contemporary Indian Conceptions of Africa.	Dr. Kusum Aggarwal	-do-
Issue of Quality in Translation, with special reference to the Hindi translation of 'The Tales of the Grimm Brothers'.	Dr. M.S.Joshi	-do-
Spanish-Hindi translations: A Review and the Way Forward.	Dr. Maneesha Taneja	-do-
Exploring the Doppelgänger Motifs in 19 th -century European Literary Texts with Focus on German Texts.	Dr. Rosy Singh	-do-

Honours/Distinctions

Dr. Kusum Aggarwal: Awarded Chevalier dans l'ordre des Palmes académiques, conferred by the French Ministry of Education, Research and Technology, 2007.

Seminars/Conferences held

Annual International Conference on 'Empire and Rebellion: Postcolonial Perspectives' as part of theme course for M.A./M.Phil. students on 'Empire and Rebellion', 7-8 March 2008.

Two-day International Conference on 'European Responses to the 1857 Rebellion in India', 30-31 October 2007.

Seminars/Conferences attended

Vibha Maurya: 'Cervantes, Quijote y Sancho: Voces Polifónicas y Acciones Subversivas, Guanajuato', International Seminar on Cervantes, Mexico, 5 November 2007.

Shashwati Mazumdar: International Conference on 'Die Macht der Sprache', Akademie der Künste, Berlin, 14-16 June 2007.

International Conference on 'Perspectives of Cultural Studies. New Research Developments in Anthropology', Freie Universität Berlin, Germany, 2-6 October 2007.

Co-organiser of International Conference of 'European Responses to the 1857 Rebellion in India', Department of Germanic and Romance Studies, Delhi University, Presented brief outline of an emerging research area, 30-31 October 2007.

Paper presented: 'The Ticklish Turkish Question in the Debates on European Integration'. 'International Conference' on 'Homogeneities and Heterogeneities. State Processes, Discursive Formations and Social Practices in a Global Context' (co-organiser with Ursula Kocher, Freie Universität, Berlin), 29 February-1 March 2008.

Co-organiser of International Conference: 'Empire and Rebellion: Postcolonial Perspectives', Department of Germanic and Romance Studies, Delhi University, 7-8 March 2008.

Sharmistha Lahiri: Chaired a session at the International Conference: on 'Empire and Rebellion: Postcolonial Perspectives', Department of Germanic and Romance Studies, Delhi University, 7-8 March 2008.

Kusum Aggarwal: 'Understanding Culture between Republic and Colony. A Franco-African Perspective', on *The Contentious Questions of Culture(s)*, Department of Germanic and Romance Studies, Delhi University, Delhi, 2007.

'France and Francophone Africa: Historical and Theoretical Perspectives', *India and Francophone Sub-Saharan Africa Under Globalisation*, Africa Division, School for International Studies, Jawaharlal Nehru University, New Delhi.

Vibha Maurya, Sharmistha Lahiri, Kusum Aggarwal, Minni Sawhney, M.S. Joshi, Maneesha Taneja, Jyoti Sabharwal, Rosy Singh, Ramesh Kumar, Aarti Paul and Tanya Roy: International Conference: on 'Empire and Rebellion: Postcolonial Perspectives', Department of Germanic and Romance Studies, Delhi University, 7-8 March 2008.

Tanya Roy: Presented a paper 'Learner Corpora in Teaching Italian at Delhi University', 4th ACIS Biennial International Conference of Italian Studies', Griffith University, Brisbane, Australia, 10-13 July 2007.

Vibha Maurya, Kusum Aggarwal, Minni Sawhney, M.S. Joshi, Tanya Roy, Maneesha Taneja, Jyoti Sabharwal, Rosy Singh, Ramesh Kumar, Sharmistha Lahiri and Aarti Paul: International Conference: 'European Responses to the 1857 Rebellion in India', Department of Germanic and Romance Studies, Delhi University, 30-31 October 2007.

Jyoti Sabharwal: International Seminar: on 'Religion and Society', History Department, Jamia Millia Islamia University, New Delhi, March 2008.

Rosy Singh: Presented a paper 'Paradox of Multiculturalism in UK: Semiotics of Paintings by Singh Twins', International Seminar Department of Germanic and Romance Studies, 2007.

Publications

Books

Maurya, V. 2008. *Cervantes and Don Quixote*, (Proceedings of the Delhi Conference on Miguel de Cervantes, Co-edited with Ignacio Arellano (University of Navarra, Spain), Hyderabad, EMESCO Books.

Aggarwal, K. 2007. 'Introduction' in Re-edition: Baron J.F. Roger, *Kéléodor: Histoire africaine* (1822), Paris, L'Harmattan, coll: Autrement mêmes.

Articles

Maurya, V. 2008. 'Don Quixote and Theory of Polyphonic Novel', in *Cervantes and Don Quixote* (Proceedings of Delhi Conference on Miguel de Cervantes), edited by Maurya, V. and Ignacio Arellano, Hyderabad, EMESCO Books.

2007. 'Hagiographies and Other Indian Texts on St. Francisco Javier', in *St. Francisco Xavier: His Times and Legacy*, (eds) Carlos Mata and Acharya, K., Mumbai.

Aggarwal, K. 2007. 'Les paradoxes de la recherche coloniale: le cas de l'Institut Français d'Afrique noire», *Littératures, savoirs et enseignement*, (ed.) M.Ngalasso-Mwatha, Presses Universitaires de Bordeaux.

2008. 'Europe et Afrique: les enjeux d'une confrontation, de Marcel Griaule à Hampâté Bâ', in *Ecrire l'Afrique aujourd'hui. Palabres*, (eds) Papa Samba Diop and Selom K. Gbandou, Vol. 8. Numéro spécial.

Sawhney, M. 2008. 'Stories on the Margins of History *Siglo Diecinueve* (ed.) Christopher Conway, Valladolid, Spain, Universitas Castellae.

2008. 'War and Soldiers in *Don Quixote* in *Cervantes and Don Quixote* (eds) Maurya, V. and Ignacio Arellano, Hyderabad: EMESCO.

2007. 'Space in the novels of Luis Humberto Crosthwaite and Gabriel Muñoz', in Proceedings International Hispanist Conference Sorbonne Nouvelle, Paris.

Taneja, M. 2008. 'Quixotic Images in García Márquez's *One Hundred Years of Solitude*, in *Cervantes and Don Quixote*, Proceedings of the Delhi Conference on Miguel de Cervantes (eds) Maurya, V. and Ignacio Arellano. Hyderabad : EMESCO Books, 21: 348- 60.

Translations

Joshi, M.S. 2007. Hindi translation of German author Heinrich Böll's story, 'Kinder sind auch Zivilisten', *Sahitya Sugandh*, pp.1-5.

2007. Hindi translation of Austrian author Erich Fried's poem, 'Antwort', *Sahitya Sugandh*, p. 26.

2007. Hindi translation of the Austrian author Gustav Meyrink's story, 'Der Opal', *Sahitya Amrit*, pp.138-40.

2007. English translation (done together with S. Mazumdar) of Prof. Namwar Singh's talk on 'Colonial Romanticism and the Challenges of Modernity' in the International Seminar on 'Romanticism and Modernity', *Germinal*, Journal of the Department of Germanic and Romance Studies, Delhi, Vol. 4, pp. 17-31.

Magazine (ed) 1st edition, *Sahitya Sugandh* a magazine of literary translations from foreign languages into Hindi.

Taneja, M. 2007. *Haan Maine Zindagi jee hai* (Hindi translation of Pablo Neruda's *Confieso que he vivido*, Delbolsillo, 2003). Confluence International.

2007. *The Silhouette: on the Border between Art and Politics* (English translation of Ana Longini's *El Siluetazo*, CONICET, Buenos Aires, 2006). CSDS.

Taneja, M. and Venkataraman, V. 2007. *Toota Aaina* (Hindi translation of Merce Rodoreda's *Espejo Roto*, Editorial Seix Barral, 1978). Confluence International.

हिंदी

मुख्य गतिविधियाँ

2007 में विश्वविद्यालय अनुदान आयोग की ओर से पहली बार 'हिंदी साहित्य के इतिहास का पुनर्लेखन' विषय पर विभागीय शोध-योजना प्राप्त हुई, जिसके अंतर्गत विभिन्न ख्यातिलब्ध विद्वानों के 6 व्याख्यान आयोजित किए गए। एक शोध पुस्तकालय का आरंभ किया गया है।

हिंदी विभाग में पाठ्यक्रम लगातार समय की आवश्यकता के अनुसार परिवर्तित होते रहते हैं। 2007 में विभाग ने तीन पाठ्यक्रमों का पुनर्गठन कर अकादमिक परिषद् हेतु प्रेषित किया है।

पीएच.डी./एम.फिल डिग्री प्रदत्त

पीएच.डी. - 48

एम. फिल. - 47

शोध योजनाएँ

शीर्षक	मुख्य शोधकर्ता	प्रायोजक संस्थान
हिंदी साहित्य के इतिहास का पुनर्लेखन	प्रो. सुधीश पचौरी प्रो. रमेश गौतम	वि. अ. आ.

नई नियुक्तियाँ

डॉ. प्रेम सिंह - प्रवक्ता

सम्मान/विशिष्ट उपलब्धियाँ

प्रो. कृष्णदत्त पालीवाल : उत्तर प्रदेश से 'भारत भारती' सम्मान से सम्मानित।

डॉ. पूरनचंद टण्डन : अखिल भारतीय साहित्य कला मंच, मुरादाबाद (उत्तर प्रदेश) द्वारा 'डॉ. बद्रीप्रसाद कपूर स्मृति साहित्य भूषण सम्मान' - 2007।

मैसूर हिंदी प्रचार परिषद्, अखिल कर्नाटक हिंदी साहित्य अकादमी, बंगलौर द्वारा सम्मानित - 2008।

दिल्ली हिंदी साहित्य सम्मेलन, नई दिल्ली द्वारा 'साहित्य श्री सम्मान' - 2008।

डॉ. मुकेश गर्ग : सोसायटी फॉर एक्शन थ्रू म्यूजिक, नई दिल्ली द्वारा संगीत मनीषी सम्मान - 2007।

सेमिनार/सम्मेलन आयोजित

विभाग में साहित्य सभा के अंतर्गत 2007 में समकालीन कवियों की रचना-गोष्ठी का आयोजन किया गया।

सेमिनार/सम्मेलन उपस्थिति

प्रो. सुधीश पचौरी : 'फकीर मोहन सेनापति' पर दिल्ली विश्वविद्यालय में आयोजित अंतर्राष्ट्रीय सेमिनार में आलेख पाठ।

डॉ. मुकेश गर्ग : व्याख्यान, यू.जी.सी. सेमिनार - एस. डी. महिला महाविद्यालय, हांसी (हरियाणा) 8 फरवरी, 2008।

प्रकाशन

पचौरी, एस. 2007। पत्रिका अवैतनिक, संपादन।

गौतम, आर. 2007। रंगानुभव के बहुरंग, नई दिल्ली, स्वराज प्रकाशन।

तिवारी, ए. 2007। आलोचना और संस्कृति, नई दिल्ली, वाणी प्रकाशन।

शर्मा, एच. 2007। विजयदेव नारायण साही, नई दिल्ली, वाणी प्रकाशन।

गर्ग, एम. संपादन 'संगीत' मासिक (शोध-पत्रिका)।

मोहन, 2007। आधुनिकता और रवीन्द्रनाथ टैगोर, 'प्रस्थान', गौरखपुर।

2007। जनसंचार माध्यमों में हिंदी - प्रयोजनमूलक हिंदी और अनुवाद, संपादक शंकर बुंदेले, प्रकाशक, अमरावती विश्वविद्यालय।

- 2007। आधुनिक रवीन्द्रनाथ टैगोर और मनुष्य - 'प्रतिश्रुति', जोधपुर।
- 2008। रवीन्द्रनाथ टैगोर और समाजवाद - 'प्रतिश्रुति', जोधपुर।
- सिंह, एस.** 2008। साझा संस्कृति, भारतीय फासीवाद का स्त्री प्रत्युत्तर, नई दिल्ली, अनामिका पब्लिशर्स।
- 2008। भूमंडलीकरण और ग्लोबल मीडिया, नई दिल्ली, अनामिका पब्लिशर्स।
- 2007। ज्ञान का स्त्री-पाठ, ग्रंथशिल्पी, दिल्ली।
- 2007। कामुकता पोनोग्राफी और स्त्रीवाद, कलकत्ता, आनंद पब्लिशर्स।

LIBRARY AND INFORMATION SCIENCE

Major Activities

The major thrust areas of research presently engaged in by the Department include Library and Information Science Education, Information Seeking Behaviour, Consultancy Services to Library Management, Networks and Library Networking, areas like e-learning, digitization, marketing of LIS products and e-resources are also taken up for research projects.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	1
M.Phil.	-	3

Seminars/Conferences attended

Dr. S.P. Singh: Invited speaker on 'Digitization of Libraries: Some Indian Initiatives' at International Conference on 'Information and Knowledge Management-2008', Nepal, 26-30 March 2008.

Chairperson for a Technical Session at XXVIth All India IASLIC Conference-2007, Jamia Millia Islamia Library, 26-29 December 2007.

Invited paper on 'Digitization of Libraries: Some Issues and Considerations' in ICSSR-sponsored Seminar on 'Trends and Strategic Issues for Libraries in Global Information Society', Department of Library and Information Science, Punjab University, Chandigarh, 18-19 March 2008, pp. 35-9.

Dr. S.P. Singh, Dr. R.K. Bhatt and Dr. M. Madhusudhan: 'Libraries on the Agenda' International Seminar on Library Advocacy, Max Mueller Bhawan, New Delhi, 13 March 2008.

Dr. Shailendra Kumar: Chairman of Technical Session 2 on 'Impact of ICT in LIS: Major Shifts and Practices', 6th International CALIBER Convention on 'Automation of Libraries in Education and Research Institutions: From Automation to Transformation', INFLIBNET Centre and University of Allahabad, Allahabad, 28 February-1 March, 2008.

Dr. R.K. Bhatt: Attended one-day Seminar on 'IPR Issues' organised by the SATKAL Trust at India International Centre, Delhi, 17 January 2008.

Participated in one-day Seminar on 'Benchmarking and Best Practices in Special Libraries' organised by SLA-Asian Chapter at Indian Institute of Public Administration, New Delhi. (*Special Invitee by the SLA-Asian Chapter*).

Participated in Seminar on 'Emerald Connection: Bridging the Gap between the World of Research and the World of Application', Emerald Group Publishing Ltd. Hotel Le Meridien, New Delhi.

Dr. (Mrs.) P.K. Walia: IKONE 2007. International Conference on 'Future of Knowledge in the Networked Environment', Indian Statistical Institute, Bangalore, 3-5 September 2007.

Dr. K.P. Singh: Presented paper on 'E-Governance: Indian Perspectives in the New Millenium'; Participated in a two-day National Conference on 'Recent technological trends in management and library system: Issues and challenges', Asia Pacific Institute of Management, New Delhi, 4-5 January 2008.

Participated in the 53rd All India Library Conference of Indian Library Association' and presented a paper on 'Sears List of Subject Headings and Knowledge Organization in the Internet Era', Osmania University, Hyderabad, 13-16 December 2007.

Ms. Meera: Participated in All India IASLIC Conference on 'Digital Media and Library and Information Services', Jamia Milia Islamia, New Delhi, 26-29 December 2007.

Publications

Singh, S.P. 2007. 'What Are We Managing, Knowledge or Information?' *Vine*.37(2): 169-79.

Edited Works

Singh, S.P. 2007. 'Challenges for LIS Professionals in Information or Knowledge-based Society' (Fest Vol Prof Karisiddappa).

Walia, P.K. 2008. 'LIS Education in India' In *Challenge for South Asian Resources and Information Services*, Concept Publishing House.

Conference Article

Kumar, S., Sanaman, G. and Rai, N. 2008. 'Federated Search: New Option for Libraries in the Digital Era.' 6th International CALIBER Convention on Automation of Libraries in Education and Research Institutions: From Automation to Transformation. INFLIBNET Centre and University of Allahabad, Allahabad, pp. 267-85.

Journal Article

Bhatt, R.K. 2007. 'Growth and Development of libraries in Delhi'. Souvenir of the '10th National Convention on 'Knowledge, Library and Information Networking (NACLIN-2007)', India International Centre, New Delhi.

Walia, P.K. and Chadha, C. 2007. 'Current Status of Health Science Libraries in Delhi: A Study'. *Journal of Library and Information Science*, 32,1 : 73-85.

Singh, K.P. and Satija, M.P. 2007. 'Information seeking strategies of agriculture scientists working in the ICAR institutions in India'. *DESIDOC Bulletin of Information Technology*, 27 (6).

2007. 'Information seeking behaviour of agriculture scientists with particular reference to their information seeking strategies'. *Annals of Library and Information Science*, 54 (4).

Singh, K.P. 2007. 'Information seeking behaviour of agriculture scientists working in the select ICAR institutions in Delhi, and the Punjab Agricultural University, Ludhiana: A study'. *Library Herald*, 45 (4): 370-81.

Kumar, S. and Prakash, H. 2008. 'A Study of Information Needs of Members of Legislative Assembly in the Capital City of India'. *Aslib Proceedings*, Vol. 60 (2), pp. 158-79.

Editorial Work

Satija, M.P. and Singh, K.P. 2007. 'Sears List of Subject Headings and Knowledge Organisation in the Internet Era' In 53rd All India Library Conference of Indian Library Association, New Delhi: ILA, pp. 531-44.

Singh, K.P. and Sharma, N. 2008. 'Information Communication technology: Application in LIS and opportunities in modern age' in Kumar, R. (ed.) *Recent Technology Trends in Management and Library System: Issues and Challenges*, New Delhi: Wisdom Publication, pp. 123-44.

Singh, K.P. et. al. 2008. 'E-Governance: Indian perspective in the new millennium', in Kumar, R. (ed.) *Recent Technology Trends in Management and Library System: Issues and Challenges*, New Delhi: Wisdom Publications. pp. 75-83.

LINGUISTICS

Major Activities

Under UGC SAP and ASIHSS, the Department continues to work in the thrust areas of Theoretical Linguistics, Sociolinguistics, Applied Linguistics, Language Disorders and Language and Cognition.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	6
M.Phil.	-	10

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
The Indradhanush SCERT Textbooks: From Creation to Reception Process Documentation and Study of the Responses from Children, Teachers and Parents.	Prof. R.K. Agnihotri, Prof. Janaki Rajan Prof. A.L. Khanna	SCERT, Delhi and Sir Ratan Tata Trust.

Programmes taken up involving Inter-institutional Collaboration

Occident and Orient: Intercommunication through the fine arts, language and literature.	Prof. R.K. Agnihotri	University of Hamburg and University of Delhi.
--	----------------------	---

Appointment of faculty members to higher Posts/Assignments

Prof. R.C. Sharma: Invited Visiting Professor, Hankuk University of Foreign Studies, Seoul, South Korea.

Prof. R. Gargesh: Invited as Visiting Professor, Hankuk University of Foreign Studies, Seoul, South Korea.

Prof. R.K. Agnihotri: Invited Visiting Professor, Tata Institute of Social Sciences, Mumbai.

Honours/Distinctions

Prof. Ravinder Gargesh: Co-ordinator, Uggarsain Centre for Prachin Bharatiya Sanskriti.

Prof. R.K. Agnihotri: Chairperson, National Focus Group on the Teaching of Indian Languages (NCERT, MHRD).

Chairperson, NCERT Committee on the Syllabus of Languages.

Chief Advisor, Sir Ratan Tata Feedback Study on SCERT.

Associate Editor, *The Yearbook of South Asian Languages and Linguistics*, Mouton.

Chairperson, NCERT Source Book for Teachers' Committee.

MHRD nominee on the NCERT Selection Committee

Visiting Faculty, Eklavya, Bhopal; Vidya Bhavan, Udaipur; Digantar, Jaipur.

Dr. Tanmoy Bhattacharya: Honorary Research Associate at the School of Languages and Culture, SOAS, University of London.

Dr. Pradeep Kumar Das: Invited Subject Expert for the Fellowship FLTA, Program of Fulbright at USEFI, New Delhi.

Seminars/Conferences held

International Seminar on 'Endangered Languages, Multilinguality and Identity', Department of Linguistics, Delhi University, 29 March 2008.

Seminars/Conferences attended

Prof. Ravinder Gargesh: Paper presented on 'India and South East Asia: Emerging Relationship in a Global Context', International Seminar, University of Foreign Studies, Seoul, Republic of Korea, 2 November 2007.

Paper presented on 'Koshvigyaan ke kuch prayogaatmak paksh: Koriyaayi-Hindi shabdkosh ke sandarbh men', International Hindi Conference, University of Foreign Studies, Seoul, Republic of Korea, 9-11 November 2007.

Paper presented in honor of Ameer Hassan Ala Sijzi Dehlavi, 'Some aspects of discourse analysis in Fawa'id al-Fu'ad', International Conference, University of Sistan and Baluchistan, Zahedan, 20-22 February 2008.

Prof. R.K. Agnihotri: Comments on Melone's paper: 'Mother-tongue-based multilingual education in multilingual contexts: How strong must it be?', International Conference on Multilingual Education, UNICEF, MHRD and JNU, Qutub Hotel, 5-8 February 2008.

Dr. Shobha Satyanath: International Seminar on 'Revisiting the story of *Khan* in Nagamese', 13th International Himalayan Language Symposium, Indian Institute of Advanced Study, Shimla, 22-24 October 2007.

'Problematizing the discourse of endangered languages', International Seminar on 'Endangered and indigenous languages', CALTS, University of Hyderabad, Hyderabad, 1-3 March 2008.

'Managing diversity in multilingual spaces', International Seminar 'Endangered languages, multilinguality and identity', Department of Linguistics, Delhi University, 29 March 2008.

Dr. Tanmoy Bhattacharya: Discussant organiser, International Seminar on 'Cognition and Learning', VBRC, Udaipur, 5-7 October 2007.

'Designing a Common POS-Tagset Framework for Indian Languages', International Joint Conference, JCNLP, Hyderabad, 7-12 January 2008.

Ms. Mamta and Dr. Pradeep Kumar Das: Participated in Symposium on 'Brain Cognition and Behaviour', Jawaharlal Nehru University, New Delhi, 14-15 March 2008.

Publications

Agnihotri, R.K. 2007. *Hindi: An Essential Grammar*, London: Routledge.

2007. *Jnaan Kaa Nirmaan* (in Hindi; co-edited with Bagchi, T., translated by Joshi, S.), Udaipur: Vidya Bhavan Society.

Papers

Agnihotri, R.K. 2007. 'Identity and Multilinguality: The Case of India' in Tsui, Amy B.M. and Tollefson, James, W. (eds), *Language Policy, Culture, and Identity in Asian Contexts*. New Jersey: Lawrence Erlbaum Associates, pp. 185-204.

2007. 'Towards a Pedagogical Paradigm Rooted in Multilinguality', *International Multilingual Research Journal*, 1.2: 1-10.

Gargesh, R. 2007. *Translation and Interpreting* (Co-editor Goswami, K.K.), Delhi: Orient Longman.

MODERN INDIAN LANGUAGES AND LITERARY STUDIES

Major Activities

During the year the Department is preparing to launch short-term courses in Indian literature and Indian languages. The research programme in the field of Comparative Indian Literature, Folklore and Indian Languages and Literature, initiated by the Department, has drawn the attention of scholars from India and abroad.

The Department has also undertaken various initiatives under the ongoing UGC DRS assistance. Under this scheme, the thrust areas are: Comparative Indian Literature, Translation Studies and Indian Folklore and Tribal lore.

New Additions

Ms. Mitali Barman

Ms. Ratnottama Das

Mr. Venkata Ramaiah Gampa

Dr. V. Narayanappa

Dr. Rajendra Mehta

Appointment of faculty members to higher Posts/Assignments

Prof. A. Mariappan: Visiting Professor of Tamil in Warsaw University, Warsaw, Poland, for a period of two years.

Honours/Dstinctions

Dr. Ravi Prakash Tekchandani: Awarded the Young Sindhi Writer Award, 2008, by Sant Kanwar Ram Mission, Lucknow.

Awarded the Sahityakar Samman, 2007, by the Sindhi Academy, Bhopal.

Ph.D. /M.Phil. Degrees awarded

Ph.D. - 5

M.Phil. - 1

Seminars/Conferences held

National Seminar on 'Risings of 1857: Literary Responses', in collaboration with the Indian Council of Historical Research, New Delhi, 19-20 April 2007.

National Seminar on 'Tribes of India, Identity, Culture and Lore', in collaboration with ZSAS, Karbi Anglong, Diphu, Assam, 5-7 September 2007.

National Seminar on 'Short Narrative in the Oral Tradition of Eastern India', in collaboration with the Eastern Regional Language Centre, Bhubaneswar, 5-6 March 2008.

National Seminar on 'Beyond Frontiers: Literature and Other Areas of Knowledge' was organised under the DRS Programme, 7-8 March 2008.

Seminars/Conferences attended

Dr. Amitava Chakraborty: 'European Postmodernism: A Comparative Study of the Responses in Non-Western Centers', 9th International Congress on European Culture, Universidad de Navarra, Spain, 24-27 October 2007.

Dr. G. Rajagopal: 'Bharati Eluttugalil Decamum Nadum' (Nation and Region in Bharati's Writings)', Bharathi – 125 International Conference, Pondicherry University, Pondicherry, 21-23 September 2007.

'From Word to Wisdom – Travels of Basaveshvara and Ramalinga Swami', International Conference on 'Contribution of Bhakti Literature/Movement Towards the World Culture', AVC College, Mannampandal, Tamil Nadu, 6-8 March 2008.

Dr. T.S. Satyanath: 'Subsystems and System: Perso-Arabic Textile Knowledge System and the Weavers' Occupation Terminology in Kannada', International Conference 'Revisiting Persian Sources of Indian History and Culture', Department of Persian Studies, Delhi University, 4-7 December 2007.

'Sangam Literature in the Context of Indian Literature(s)', International Seminar on 'Sangam Literature', Dravidian University, Kuppam, 22-24 January 2008.

Dr. Amitava Chakraborty: 'Constructions of Hinduism: Understanding the Swarajist Interventions', International Seminar on 'Rethinking Religion in India', IGNC, India, 21-24 January 2008.

Prof. Nandita Basu: 'Positions of Co-Wives in Bengali Sejuti Brotokatha', National Seminar on Oral Narrative, Eastern Regional Language Centre, Bhubaneswar, 5-8 January 2008.

'Obscenity in Medieval Bengali Literature: A Case of Bharatchandra', National Seminar, Bijoykrishna Girl's College, West Bengal, March 2008.

Prof. P.C. Pattanaik: 'Jambaliathon: An Epitome of Tradition and Authenticity', National Seminar on 'Tribes of India, Identity, Culture and Lore', Collaboration with ZSAS, Karbi Anglong, Delhi University, 5-7 September 2007.

'Tribal Lore and the Promised Land for Indigenous Identity', National Seminar on 'Tribal Culture and Indigenous Identity of Eastern and North-East India', Eastern Regional Language Centre, Bhubaneswar, 5-8 January 2008.

'Myths of Juang: Spatio-temporal Analysis', National Seminar on 'Short-Narratives in the Oral Tradition of Eastern India', organised in collaboration with the Eastern Regional Language Centre, Bhubaneswar, Delhi University, 5-6 March 2008.

Dr. G. Rajagopal: 'Tamil-Sanskrita Panpattu Marabugal – Oru Parvai', In All India University Tamil Teachers Association's Conference, Karaikkudi, Tamil Nadu, 19-20 May 2007.

Dr. T.S. Satyanath: 'The Risings of 1857: Folk Representations in Kannada', National Seminar on 'Risings of 1857: Literary Responses'. Department of Modern Indian Languages and Literary Studies, Delhi University, 19-20 April 2007.

'Globalization and Folklore: Some Observations', National Seminar on 'Globalization and Folklore', Department of Kannada and Culture, Govt. of Karnataka, Delhi Karnataka Sangha, Delhi. 21-22 July 2007.

'Mahâbhâratas in Kannada: Texts and Contexts', National Seminar on 'Mahâbhârata: Circumstances, Components', *Outcome*, Sri Venkateswara College, New Delhi, 27-29 July 2007.

'Fragmented Region and its Unification: The Case of Kannada Unification Movement', UGC National Seminar on 'Political Strands of Regionalism in South India', Sri Venkateswara College, New Delhi, 20-21 August 2007.

'From Comparative Literary Studies to Comparative Cultural Studies: Understanding Bhakti', National Seminar on 'Understanding Multiculturalism: Translation, Culture and Literature', Department of English, RTM Nagpur University, Nagpur, 5-7 February 2008.

'Nationalism, Translation and Gender', 'National Seminar on Gender(ed) (&) (in) Translation', Kannada University, Hampi, 13-14 February 2008.

'Understanding jîvadayâstami-nômpi: The Vow of Showing Compassion to Life', National Seminar on 'Non-violence and Non-Absolutism in the Modern Age', University of Hyderabad, Hyderabad, 21-22 February 2008.

'Comparing Indian Poetics and Paradigms: A Rethinking', National Seminar on 'Towards Comparative Poetics and Paradigms: Indian and Western Critical Traditions', Dr. Babasaheb Ambedkar University, Ahmedabad, 25-26 February 2008.

'Râmâyana Traditions in Kannada: Historical Formation, Continuity and Transmission', National Seminar on 'Râm Kathâ in Oral Narratives and Performing Traditions in India', Indira Gandhi National Centre for the Arts, New Delhi, 12-15 March 2008.

'Indian Literature: A Contemporary Perspective', National Seminar on 'Vartamân Paridrúya aur Bhâratíya Bhâshâyen. Motilal Nehru College, New Delhi. 19 March 2008.

‘The Epic Narrative of Yaúodhara and jívadâyastami-nômpi’, National Seminar on ‘Indian Epics, Department of Modern Indian Languages and Literary Studies’, Delhi University, 20 March 2008.

‘From Comparative Literary Studies to Comparative Cultural Studies: A Study of Hunter Bhakta, Kannappa’, National Conference on ‘World Literature and Current Issues in Comparative Literature’, The English and Foreign Languages University, Hyderabad, 26-28 March 2008.

Dr. Achyut Mandal: ‘The Risings of 1857: Representations in French Novel’, National Seminar on the ‘Risings of 1857: Literary Responses’, Department of Modern Indian Languages and Literary Studies, Delhi University, 19-20 April 2007.

Dr. Amitava Chakraborty: ‘Negotiating the “Eternal”: Epics in Contemporary Bengali Women’s Writings’, in National Seminar on ‘Indian Epics’, Department of Modern Indian Languages and Literary Studies, Delhi University, 20 March 2008.

‘Comparative Indian Literature: Revisiting the Vision’, National Seminar on ‘World Literature and Current Issues in Comparative Literature’, English and Foreign Languages University, Hyderabad, 26-28 March 2008.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Traditions and Trends in the Field of Literary and Cultural Theorization: Mapping the Non-Western Space.	Dr. Amitava Chakraborty (Co-investigator)	UGC

Publications

Basu, N. 2007. ‘An Innocence that brought Death’ in *Tribes of India: Identity, Culture and Lore*, (eds) Pattanaik, P.C. and Borah, D. Guwahati: Angik Prakashan.

2008. ‘Bengali Women Novelists’ in *Women Writings in India*. Poona: Bhagini Mandali.

Pattanaik, P.C. and Borah, D. (eds) 2007. *Tribes of India: Identity, Culture and Lore (Special Focus on the Karbis of Assam)*, Guwahati: Angik Prakashan.

Pattanaik, P.C. 2007. *Introduction to Tribes of India: Identity, Culture and Lore (Special Focus on the Karbis of Assam)*, (eds) Pattanaik, P.C. and Borah, D. Guwahati: Angik Prakashan.

Pattanaik, P.C. 2007. ‘Jambali athon: An Epitome of Tradition and Authenticity’ in *Tribes of India: Identity, Culture and Lore (Special Focus on the Karbis of Assam)*, (eds) Pattanaik, P.C. and Borah, D., Guwahati: Angik Prakashan.

Rajagopal, G. 2007. ‘Tamil-Sanskrita Panpattu Marabugal – Oru Parvai’ (Cultural traditions of Tamil – Sanskrit – A View), in All India University Tamil Teachers’ Association’s Conference, (eds) Mohan, R., Manivel, M., Nachimuthu, K. and Pandiyani, T. Sethu, Madurai, Tamil Nadu, Madurai Kamaraj University.

2007. ‘Bharati Eluttugalil Decamum Nadum’. (Nation and Region in Bharati’s Writings), in BHARATHI – 125 International Conference/Seminar, (eds) Nambi, A. Arivu and Ravi, K., Pondicherry University, Pondicherry and Vanavil Cultural Centre.

2008. ‘From Word to Wisdom – Travel of Basaveshvara and Ramalinga Swami’, in International Conference on ‘Contribution of Bhakti Literature/Movements towards World Culture’, (ed.) Nedunchezhiyan, T., AVC College, Mannampandal, Tamil Nadu, and Central Institute of Indian Languages, Mysore.

Satyanath, T.S. 2007. ‘Cultural Transactions between Kannada and Persian’, in *Indo-Persian Studies: Texts and Translations*, (ed.) Chander Shekhar, Delhi: Department of Persian Studies, Delhi University, pp. 222-138.

2008. ‘*nādu(s)* and *deúa*: On the Construction of Regional and National Identities in Modern Kannada Representations’, in *The Rising of 1857: Colonialism, Literature and March to Freedom*, (ed.) Prophulla Mohanty, New Delhi: Sahitya Akademi.

2008. ‘*Mahābhāratas* in Kannada: Texts and Contexts’, in *Mahābhārata: Circumstances, Components, Outcome*, (ed.) Muralidhararao, K. Tirumala, TTD Trust.

Chakraborty, A. (ed.) 2008. ‘Rhetoric of South Asia’ in *International Encyclopedia of Communication*, Blackwell.

Chakraborty, A. et. al. (eds.) 2008. *Sayad Mujtaba Ali Shatabarsha Smarak Grantha*. Tripura: Jnanvichitra.

Chakraborty, A. 2007. ‘Anjaner Aitihyavayantatva’, *Austrick*, V: 90-3.

2007. ‘European Postmodernism: A Comparative Study of the Responses in Non-Western Centres in Abstracts’ of IXth International Congress on European Culture, Universidad de Navarra, Spain. http://www.unav.es/cee/ixcongre/resumenenes.html#Chakraborty_Amitava.

2008. ‘Uttaradhunikata: Sahaj Path’, *Ekobingsho*, XXV : 180-93.

2008. ‘Uttaradhunikatar Svarup’, *Kathajatak*: IV: 22-36.

2008. ‘Constructions of Hinduism: Understanding the Swarajist Interventions’ in Abstracts of International Seminar on ‘Rethinking Religion in India’, IGNC, India, p. 47.

Tekchandani, R.P. 2007. ‘Tarander Badal: Novel of Nostalgia’, *Sindhi Shaan*, Mumbai.

2007. ‘Saryu Khan Sindhu Tayeen’, *Sindhu Jot*, Delhi: Sindhi Academy.

2008. ‘Pakistan Me Hindi’, *Pravasi Sansaar*, Delhi.

2008. *Tu Sindh Me Rahi Pau* (Sindhi Devnagiri Transliteration of Thakur Chawla’s Travelogue, *Tu Sindh Me Rahi Pau*, Mumbai), New Delhi: Sindhi Book Trust.

PSYCHOLOGY

Major Activities

Research activities of the Department have focussed on areas such as human cognition, management of stress, anger, anxiety and depression, neuropsychological aspects of brain damage, interventions for various psychological disorders, culture and self-construal, organisational communication, organisational socialisation, human resource development, disability studies (dyslexia, ADHD, Autism, etc.), gender studies and so on. A number of internationally distinguished visitors, professors and eminent personalities from various countries visited the Department to deliver special lectures and to interact with Faculty members for research collaborations.

Ph.D. Degrees awarded

Ph.D. - 8

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Mental Health Status and System.	Prof. N.K. Chadha	Delhi University Support Social R&D Scheme
Depression in Late Life: An Intervention Programme for Older People.	Prof. N.K. Chadha	Delhi University R&D Scheme
Strategic Policy for the Aged in Asia-Organization, Japan	Prof. N.K. Chadha	Asian productivity study of several Asian countries.

Programmes taken up involving Inter-institutional Collaboration

Perceived social support: Across Collaborators from Culture Analysis. Prof. Ashum Gupta USA and UK

Honours/Distinctions

Prof. Girishwar Misra: Editorial Fellow of the Project of History of Indian Science, Philosophy and Culture, Centre for Studies in Civilizations, sponsored by the Ministry of HRD, Government of India.

Prof. Ashum Gupta: Expert Member of Peer Review Committee, Defence Institute of Physiology and Allied Sciences, DRDO, Delhi, 2008.

Resource Person for Cognitive Science, Department of Science and Technology, New Delhi, 2008.

Invited Resource Person for M.A. Curriculum Development at Rajiv Gandhi National Institute of Youth Development, Sriperumbudur, Tamil Nadu, January 2008.

Invited Expert member for S and T Roadmap for Life Sciences Laboratories, Directorate of Life Sciences, Ministry of Defence, DRDO, New Delhi, 13 December 2007.

Prof. N.K. Chadha: Visited France as a visiting social scientist under the Indo-French Exchange programme for social scientists for one month (30 August 2007 to 1 October 2007) under UGC, India, and MSH, France.

Seminars/Conferences attended

Prof. Gopa Bhardwaj: Keynote Address on 'Gendered Meanings in Psychology: A Cultural Perspective' at International Conference on 'Women in Culture', Godanski University, Poland, 6 March 2008.

Prof. Girishwar Misra: Invited Speaker at International Seminar of Indigenous Psychology, Gazda Mada University, Yogyakarta, Indonesia, 5-6 March 2008.

Invited speaker at the International Conference of Psychology in Mental Health ICMPH 2007, NIMHANS, Bangalore, July 2007.

Keynote Speaker at National Seminar on 'Lifestyle Changes and Challenges for Human Development', Barkatullah University, Bhopal, 13 March 2008.

Chaired session at the International Seminar on 'Psychological Assessment', DIPR, DRDO, New Delhi, 23-25 November 2007.

Prof. Ashum Gupta: Chaired a scientific session in a National Seminar 'Disability Studies in Secondary and Higher Education in India', Spinal Injury Centre, New Delhi, 20 March 2008.

Chaired a scientific session in a National Conference on 'Yoga in Education, Morarji Desai National Institute of Yoga, New Delhi, 28 February 2008.

Chaired a scientific session on 'Health and Illness in a National Conference on 'Positive Perspectives on Health and Behaviour', Maharishi Dayanand University, Rohtak, 1 February 2008.

'Current Trends and Prospects in Psychology', address given at the National Seminar, Envisioning Psychology, Department of Psychology, Delhi University, 21-22 November 2007.

Chaired session at National Seminar on Life Style Changes and Challenges for Human Development, Brakatullah University, Bhopal, 13 March 2008.

Publications

Books

Babu, N. 2008. *Learning to talk about the mind: Development of mental state vocabulary and theory of mind*, New Delhi: Concept Publishing.

Misra, G. (ed.). 2007. *Psychological Theory and Teaching Profession: Selected Essays by Prof. L.B. Tripathi*. New Delhi: Concept Publishing.

Srivastava, A.K. and Misra, G. 2007. *Rethinking Intelligence: Culture and Conceptualization of Competence*. New Delhi: Concept Publishing.

Research Articles in Books or Scholarly Journals

Bhardwaj, G. 2007. 'Emotional Intelligence in Managers in India', in *Emotional Intelligence: Theoretical and Cultural* (eds) Emmerling, Shanwal and Mandal. USA : Nova Science.

Chadha, N.K. 2008. 'What is it that we still need to witness in order to see the expected and Deserved Expansion of Intergenerational Programming? What is missing?', *Journal of Intergenerational Relationships*, 6(1) : 121-4.

Gupta, A. 2008. 'Music and musical experiences'. *Vageeshwari*, 19-20, 43-7.

Misra, G. 2007. 'Construction of self: A cross-cultural perspective, in *Mindscales: Global Perspectives on Psychology and Mental Health*, (eds) Rao, K. Bangalore: National Institute of Mental Health and Neurosciences, pp: 32-42.

Babu, N. and Rath, J. 2007. Ecological context and development of children's understanding of Emotions', *Psychological Studies*, 52 : 196-203.

2008. 'Theory of mind, culture and children's understanding of emotions', in *Emotional intelligence (perspectives in organizations)* (ed.) Pradhan, R. and Mathur, P. Delhi: Academic Excellence.

Sinha, C. and Gupta, A. 2007. 'Depression, life events and perceived social support among adolescents', in *Mindscales: Global perspectives on psychology in mental health*, (ed.) Rao, K. Bangalore, NIMHANS.

Sia, S. and Bhardwaj, G. 2007. 'Nature of Perception of TQM by Managers of Three Private Sector Industries', *Social Science International*, 23 (2).

Wasaien, B.S. and Bhardwaj, G. 2007. 'World of Corporate Changes, Transitions and H.R. Competencies', *Journal of Industrial Relations*, 43 (2).

Goswami, S., Mathew, M. and Chadha, N.K. 2007. 'Differences in Occupational Commitment amongst Scientists in Indian Defence, Academic and Commercial R&D Organizations, *Vikalpa-The Journal of Decision Makers*, 32(4): 13-28.

PHILOSOPHY

Major Activities

The teachers of the Department are actively engaged in research and publications in different areas of Philosophy. Major thrust areas include Indian Logic and Epistemology, Social and Political Philosophy, Logic and Philosophy of Science, Ethics, Philosophy of Religion, Phenomenology and Existentialism and Philosophy of Language.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	1
M.Phil.	-	5

New Additions

Prof. H.S. Prasad	-	Professor
Dr. Bindu Puri	-	Reader

Honours/Distinctions

Prof. Ashok Vohra: General Presidentship of the Twentieth Session of the All Orissa Philosophical Congress, Utkal University, Bhubaneswar, 20-21 January 2008.

Seminars/Conferences attended

Prof. Ashok Vohra: Delivered Lecture titled 'Nehru on God and Religion: An Explication', delivered at the National Seminar on 'Jawaharlal Nehru's Philosophy, Policies and Performance: Reflection, Retrospect and Prospects', Professor Kotta Satchidananda Murty Centre for Studies in Afro-Asian Philosophies, Acharya Nagarjuna University, Nagarjuna Nagar, Andhra, 3-5 April 2007.

Delivered Lecture titled 'The Notion of "Para Shiva" – Supreme Shiva – in Kashmir Shaivism', National Seminar on 'Kashmir Shaivism and Neo-Tantrism', Shri Mata Vaishno Devi University, Kakryal (Jammu), 29-31 July 2007.

Delivered Lecture titled 'The Religious Other and His Excursions', National Seminar on 'The Idea of the "Religious Other" in the World's Living Religions', Muzaffarpur, Bihar, 30 November-2 December 2007.

Delivered Plenary Lecture titled 'Loving Devotion: Bhakti in Its Celestial Dimensions', National Seminar on 'Celestial Love: Bhakti in Indian Tradition', Tirupati, 6-9 December 2007.

Chaired panel discussion on 'Does Spirituality have a Place in Modern Techno-centric World?', National Seminar on 'Kashmir Shaivism and Neo-Tantrism', Shri Mata Vaishno Devi University, Kakryal Jammu, 29-31 July 2007.

Chaired the Keynote Address delivered by Professor Jack Hawley on 9 December 2007, National Seminar on 'Celestial Love: Bhakti in Indian Tradition', Tirupati, 6-9 December 2007.

Chaired Academic Session I, National Seminar on 'Philosophy of Logic and Language', University of Burdwan, Burdwan, 4-6 February 2008.

Dr. Ajay Verma: Read a Paper titled 'In Defense of Methodology of Pratyabhijna System from the Mainstream Philosophical Perspective', National Seminar on 'Kashmir Shaivism and Neo-Tantrism', Shri Mata Vaishno Devi University, Kakryal (Jammu), 29-31 July 2007.

Publications

Vohra, A. 2007. 'Social Justice, Human Rights and Theories of Punishment: The Indian Perspective', in *Democracy and Social Justice in Asia and the Arab World*, (eds) Inwon Choue, Samuel Lee and Pierre Sané, UNESCO: Global Academy for Neo-Renaissance of Kyung Hee University, Korean National Commission for UNESCO, pp. 76-90.

2007. 'Meaning and Language from Plato to Wittgenstein: An Overview', *Suvidya*, 1(1): 30-42.

2007. 'Reason, Faith and Religious Beliefs', *Dialogue*, 8(4) 141-8.

2007. 'Perpetual Peace and Just War', *Terror, Peace and Universalism: Essays on the Philosophy of Immanuel Kant*, (eds) Puri, B. and Heiko Sievers, New Delhi: Oxford University Press, pp. 32-45.

2008. 'India in Slow Motion', Review of *The Elephant, The Tiger and The Cellphone: Reflections on India in the Twenty-first Century*, by S.Tharoor, New Delhi : Penguin/Viking, 2007, *The Pioneer*, 2 March.

2008. 'All You Ever Wanted to Know About Love', *The Times of India*, 14 February

2007. 'Centres of Pilgrimages are Sacred Spaces', *The Times of India*, 6 November

2007. 'Cricket, Culture and The Iconoclast', Review of *A Very Popular Exile*, by Ashis Nandy. New Delhi : Oxford University Press, *The Pioneer*, 23 September.

2007. 'Path to Humanism' Review of *The Centrality of Ethics in Buddhism: Exploratory Essays*, by H.S. Prasad, Delhi: Motilal Banarsidas, pp. xvi+602, *The Tribune*, 2 September.

2007. 'Selfless Love Shorn of Expectations', *The Times of India*, 21 August.

2007. 'Sublime thoughts', Review of *The Philosophy of Vivekananda*, (ed.) Jhanji, R., New Delhi: Aryan Books International, pp. xx+206, *The Tribune*, 22 July.

Books

Prasad, H.S. 2007. *The Centrality of Ethics in Buddhism : Exploratory Essays*, Delhi: Motilal Banarsidass.

Sahni, P. 2008. *Environmental Ethics in Buddhism: A Virtuou Approach*, London and New York : Routledge.

PHILOSOPHY (SDC)

Prof. G.L. Pandit: Organised an inter-disciplinary Seminar on the theme 'The unnoticed perceptions of leibniz: A basis for a Metaphysics of Neurophysiology' jointly with the Department of Philosophy, Lady Shri Ram College for Women, with Prof. Hans Guenter Dosch, University of Heidelberg, Germany and Dr. Heinz Wirth as the main guest speakers, 10 December 2007.

Seminars/Conferences attended

Prof. G.L. Pandit: Participated and contributed a paper at the 30th International Wittgenstein Symposium, Kichberg Am Wechsel, Lower Austria, Austrian Ludwig Wittgenstein Society, 5-11 August 2007.

Participated and contributed an invited paper at an International Conference on the theme 'Theory-Incommensurability In The Natural Sciences', Department of Philosophy of the University of Hyderabad, Hyderabad, 18-20 January 2008.

Participated and contributed an invited paper at an Inter-disciplinary National Seminar on the the 'Morality in International Relations and Public Affairs' organised by the Centre of Advanced Study in Philosophy, Jadavpur University, Kolkata, 20-21 February 2008.

Publications

Pandit, G.L. 2007. 'Ethical Tasks of Media Advocacy in the 21st Century', in *Philosophy of the Information Society: Contributions to the 30th International Wittgenstein Symposium*, (eds) Hrachovec, H., Pichler, A. and Wang, J. Kichberg am Wechsel: Austrian Ludwig Wittgenstein Society, Vol. XV, pp. 169-73.

2008. 'Consciousness: Cosmic Dimension', in Pradhan, R.C. (ed.) Pande, G.C.: *The Philosopher, Historian and the Literary Genius*. New Delhi: Indian Council of Philosophical Research, New Delhi, pp.178-94.

PUNJABI

Major Activities

The Department organised nine successful literary events-national seminar, lecture series and memorial lectures, the highest in recent times - in 2007-08. While staying committed to research-oriented studies, the faculty members actively participated in seminars/conferences/lectures/refresher courses organised by other academic and literary-institutions.

Ph.D./M.Phil. Degrees awarded

Ph.D. - 1

M.Phil. - 6

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Women Literature in Indian Languages--Punjabi.	Prof. Kuljit Shellie	Sahitya Premi Bhagini Mandal

Appointment of faculty members to higher Posts/Assignments

Prof. Kuljit Shellie: Acted as Chairperson of Education matters in International Council of Punjabis, Delhi.

Dr. Manjit Singh: Continued as President of Kendri Punjabi Sahit Samelon, Delhi (Regd.) – a premier organisation of Punjabi intellectuals, literary and cultural groups of Delhi, Punjab and Haryana, April 2007-March 2008.

Honours/Distinctions

Dr. Manjit Singh: Keeping in mind the multi-dimensional socio-cultural and academic achievements of GLOBAL PUNJAB – a reputed Punjabi magazine honoured him by declaring him Global Punjabi of July 2007.

Seminars/Conferences held

National Seminar on 'Pakistani Punjabi Sahit – Re-evaluation', Punjabi Department, Delhi University, 18 March 2008.

Seminars/Conferences attended

Prof. Kuljit Shellie: Presided over and delivered the inaugural address at the National Seminar on 'Samkali Punjabi Sahit Samikhya te Mulankan', Dyal Singh College, Delhi University, 22 December 2007.

Presented a research-paper on the topic 'Pakistani Punjabi Story: Re-evaluation' at the National Seminar on 'Pakistani Punjabi Sahit – Re-evaluation', Punjabi Department, Delhi University, 18 March 2008.

Dr. Manjit Singh: Presented a research -paper on the topic 'Socio-Cultural concerns of the Bani of Bhagat Ravidas' enshrined in Shri Guru Granth Sahib, in a seminar organised by The Divinity Society of Mata Sundri College for Women, Delhi University, on the occasion of the 3rd century of the Coronation of SHRI GURU GRANTH SAHIB, 29 January 2008.

Contributed a research - paper entitled 'Changing perspectives of the study of Punjabi Novel', National Seminar on 'Changing perspectives of the study of Punjabi novel', National Sahitya Akademy, at Guru Nanak Dev University, Amritsar, Punjab, 22-23 January 2008.

Presented a research- paper on the topic 'The Poetic-Language of Modern Punjabi Poetry', National Seminar on 'Punjabi Poetry of Previous Decade', Punjabi Academy, Punjabi Bhavan, New Delhi, 27-28 December 2007.

Presented a research- paper on the topic 'Re-evaluation of Pakistani Punjabi Drama', National Seminar on 'Pakistani Punjabi Sahit – Re-evaluation', Punjabi Department, Delhi University, 18 March 2008.

Contributed a research- paper on the topic 'Punjabi Folklore of Delhi Region', National Seminar on 'Contemporary Scenario of Punjabi Folklore in Different Regions of India', Department of Punjabi, Punjabi University, Patiala, February-March 2008.

Presided over the second session of the National Seminar on 'Contemporary Punjabi Literature: Analysis and Evaluation', Punjabi Department of Dyal Singh College (M), Delhi University, Lodhi Road, New Delhi, 20 December 2007. In his presiding remarks, Dr. Singh gave a meaningful and productive discourse on the subject.

Dr. Kulvir Gojra: Presented a paper entitled Delhi University de Punjabi Department Vich Upadhimoolak Khoj (2001-1008) : Drish te Drishti presented at a two-day National Seminar on 'Punjabi Kho : Drish te Drishti', School of Punjabi Studies, Guru Nanak Dev University, Amritsar, 11-12 March 2008.

Publications

Books

Singh, M. 2007. *Globalisation: Literary Responses*. Delhi: Arsee Publishers.

Kaur, J. 2007. *Parvasi Kaav Lok: Sabhiacharak Roopantaran*. Delhi: Punjabi Academy.

Research Articles

Singh, M. 2008. Narratological analysis of Puratan Janam-Sakhi, 'Punjabi Folk-narratives: Theory and Practice' in special issue of *Sabhiachar Patrika* of Punjab.

2008. 'Culture of Naam in the Sukhmani Bani, 'Sri Guru Granth Sahib', special issue No.102, *Samdarshi*'.

2007. Contemporary Punjabi Prose: Problematic of Study and Teaching and Theory of Autobiography: Study and Teaching, 'School level (Punjabi) Teaching Material', SCERT, New Delhi.

Kaur, J. 2007. Comparative study of Bharti Punjabi Kavita ate Parvasi Punjabi Kavita (ed.), Sahitya Academy.

2007. 'Adhey Paune : Manovishleshnatamak Adhyan', '*Literary Journal Muhandra*'.

Gojra, K. 2008. Dard Majithi da Roopakar Talaashdiyan, 'Trishanku'.

SANSKRIT

Major Activities

The Department of Sanskrit undertook a major shift of focus in the year 2007-08 to make Sanskrit studies more contemporary and relevant. In the process, several new courses have been introduced, the most important one being Modern Sanskrit Literature and Poetics. The course has been introduced as an option at B.A. (Hons.) level where the total number of courses has been increased from 8 to 9, and also at the M.A. level as an option with four papers. Besides this, courses of contemporary relevance have been introduced at the B.A. programme level and also as concurrent courses for B.A. (Hons.). The student response to these courses has been encouraging. Several students at the M.Phil. and Ph.D. level are also working on topics that are of contemporary relevance.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	9
M.Phil.	-	16

Publications

Tripathi, D.S. 2007. Contemporary use of Sanskrit as knowledge base, in teaching on India, in central and Eastern Europe, (eds) Danuta Stasik and Anna Trynkowska), Elipsa, Warsaw, Poland.

Satyamurti. 2007. Tulsidasa's Sanskrit Verses: Relevance and Philosophy. Kala Saurabh II.

URDU**Major Activities**

The Department is conducting a post-M.A. Diploma Course in Translation and Mass Media and post-M.A. Diploma Course in Urdu Paleography. As for research programmes, a considerable number of theses have been published and acclaimed by critics and scholars. Many teachers in the Department are known nationally and internationally for their scholarship and learning and have won laurels for their work in various domains of literature.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	3
M.Phil.	-	5

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Urdu Theatre in a Post-Parsi Period.	Dr. Mohd. Kaizm	UGC

Seminars/Conferences held

International Seminar on '1857 and Urdu Literature and Language', 27-28 November 2007.

Publications

Karim, I. 2008. *Rasheed Jahan.*

2007. *Mir Nasir Ali.*

2007. *Urdu Mein Popular Literature.*

2007. *Agha Hashr Kashmiri.*

Khan, T.A. 2007. *Iqbal aur Hindustan.*

FACULTY OF SCIENCE ANTHROPOLOGY

Major Activities

The Department was sanctioned the SAP from UGC this year, under which considerable amount of data on both physical and social aspects of the people of Himachal Pradesh has been collected. Two National Seminars under SAP and a Workshop on 'Qualitative Research Methodology', sponsored by ICMR, were conducted in the Department.

Professors of the Department have been delivering lectures as visiting fellows in various other Institutes and Departments. Most Faculty members have successfully completed research projects sanctioned by the University.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	28
M.Phil.	-	2

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Scheme to strengthen R&D doctoral research programmes.	Prof. Surinder Nath	Delhi University
Restudy of the dhobis of Old Delhi.	Prof. Subhadra Channa	Delhi University
Assessment of nutritional and health status of Saharias—A primitive tribe of Madhya Pradesh.	Satwanti Kapoor	Delhi University
Prevalence and covariates of overweight/obesity among children and adults in the urban population of North India and to establish anthropometric indices for general and regional obesity.	Satwanti Kapoor	UGC
Demographic and genetic study related to the incidence of N.T.D.	Dr. K.N. Saraswathy	ICMR

Study of the relative incidence of phenotypic and molecular variants of Glucose-6-Phosphate Dehydrogenase Deficiency, Haptoglobin and Thalassemia vis-à-vis Anaemia among Sindhis of Delhi. Dr. K.N. Saraswathy Delhi University under R&D Proposal

Assessment on maternal and child health and factors affecting fertility and mortality among the Lotha and Pochury Nagas of Nagaland. Dr. Benrithung Murry Delhi University

Programmes taken up involving Inter-institutional Collaboration

Prof. P.C. Joshi: Asia Co-ordinator of an International Project in collaborations with Jadavpur University, Kolkata; Voluntary Health Association of India, New Delhi; Hanoi School of Public Health, Vietnam; University of Indonesia, Indonesia; Citizen Disaster Response Centre, Manila, Philippines; and Xavier University, Cagayan de Oro, Philippines.

Dr. K.N. Saraswathy: Joint ICMR Project with Amity Institute of Biotechnology.

Honours/Distinctions

Prof. P.C. Joshi: Asia Co-ordinator, European Union 6th Framework Micordis Integrated Project, 2007.

Seminars/Conferences attended

Prof. P.C. Joshi: Presented a paper in EU 6th Framework International Meet on 'Integrated Health, Social and Economic Impact of Extreme Events: Evidence, Methods and Tools', Brussels, Belgium, 18-19 April 2007.

Presented a paper entitled 'Dealing with Disasters', International Conference, Northumbria University, Newcastle upon Tyne, UK, 5-6 September 2007.

Presented a paper entitled 'Shift in Thinking: Perspectives of Vulnerability and Hazard Assessment', International Conference, Potsdam, 4-5 October 2007.

Dr. S.M. Patnaik: Presented a paper 'Managing Disaster in Nepal: Perspectives from Anthropology' at International Conference on Disaster Management in South Asia, Kathmandu. Sponsored by the European Commission and organised by Action Aid International, Nepal, July 2007.

Presented a paper 'Emerging Identities among the Tribes of Nagaland' at a National Seminar on Gender, Identity, and Culture in Darjeeling, North Bengal University, Darjeeling, 4-6 January 2008.

Presented a paper 'State, Development and Civil Society Institutions: The Case of Himachal Pradesh' at a National Seminar on 'Anthropological Perspectives and Methodology for the study of Mountain Bio-Social Systems and Cultural Ecology with special emphasis on Himachal Pradesh', under the SAP-UGC, Department of Anthropology, Delhi University, 5-6 March 2008.

Dr. M.K. Singh: Attended an International Congress 'Les Cultures a bifaces du Pleistocene Inferieur et Moyen dans le Monde. Emergence du sens de L'harmonie', Tautavel, France, 25-30 June 2007.

Presented a paper entitled 'Strategy of Lithic Production in Monte Poggiolo, Forli, Italy', 95th Indian Science Congress, Andhra University, Visakhapatnam, 3-7 January 2008.

Prof. Subhadra Channa: Presented a paper, 'Colonial Impact on ecological and social diversity in India', at International Seminar on 'Biological and Cultural diversity in South-South east Asia and the Developmental Consequence', Asiatic Society, Kolkota, 21-23 November 2007.

Publications

Nath, S. and Dwivedi. 2007. 'A Sex differences in lower limb measurements among Jats of Haryana', *Journal of Exercise Science and Physiotherapy*, 3: 79-83.

Bhavna and Nath, S. 2007. 'Prediction of Sature using Hand and Finger Measurements among Shia Muslims of Delhi'. *South Asian Anthropologist, N.S.*, 7 : 63-73.

Srivastava, V.K. 2007. 'Cultural Tradition and Child Marriage in India'. *The Eastern Anthropologist*, 60 (1): 45-68.

2007. Published in *Child Marriage in India, A Workshop Report*, New Delhi: NIPCCD, pp. 29-47.

2007. Review of Devi, K. Uma and Bharihoke, N. (eds), *Tribal Rights in India in The Eastern Anthropologist*, 60 (1): 128-9.

2007. Review of Joyanta Borbora, *The Thieves: A Sociological Understanding in North-East India* in *The Eastern Anthropologist*, 60 (2): 263-5.

2007. 'Tribes in Crises: Some Reflections', *Journal of the Institute for Research in Social Sciences and Humanities*, 2 (2): 237-46.

2007. 'Jawaharlal Nehru on Tribes'. *Social Science Probings*, 19 (2): 135-48.

2008. *I Raika : Allevatori di Cammelli del Rajasthan ("The Raika, the Camel-breeders of Rajasthan)*. Roma: Edizioni Progetto Cultura. [In Italian, with Umberto Mondini.]

Chadda, R.K., Joshi, P.C. and Gusain, S.S. 2007. 'Students' awareness about psychiatric illnesses: A study from a Hill state', *Journal of Mental Health and Human Behaviour*, 12: 26-30.

Joshi, P.C., Singh, M.M. and Khattri, P. 2007. 'Social Impact of Extreme Event', proceedings of the EU 6th Framework International Meet on 'Integrated Health, Social and Economic Impact of Extreme Events: Evidence, Methods and Tools', Brussels, Belgium.

Kaushal, S. and Joshi, P.C. 2007. 'Ethnomedical Practices in a High Altitude Vashist village in Himachal Pradesh'. *South Asian Anthropologist*, 7(1):37-46.

Joshi, P.C., Khattri, P., Singh, M.M., Fordham, M. and Guha-Sapir, 2007. 'Flood: Trends and Social Impacts in Indian Context'. Proceedings of International Conference on 'Shift in Thinking: Perspectives of Vulnerability and Hazard Assessment', Potsdam, Germany.

Valérie Louis, Michael Marx, Mondastri Korib Sudaryo, Joshi, P.C., Maureen Fordham, Kristin Magnussen, Alexandre Borde, Terry Cannon and Debarati Guha-Sapir. 2007. 'Micromanagement of disasters and the MICRODIS project: An integrated approach to measure health social and economic impact of extreme events in Europe and Asia'. Proceedings of GHUP, Society for Hygiene, Environmental and Prevention Medicine Conference, Bielefeld, Germany.

Channa, S.M. 2007. 'Indigenous Knowledge and the hegemony of western technology' in *Traditional Knowledge in Contemporary Societies* (ed.) Mishra, K.K., Bhopal : Indira Gandhi Rashtriya Manav Sangrahalaya, 51. 5, pp. 52-64.

2007. 'Iravati Karve and the Production of an Indian Anthropology', in *Eastern Anthropologist*, 60(3-4): 509-25.

2007. 'Preface' to *Ethnic Identity and Religion in the India-Bangladesh Borderlands*, Canada: Antu Saha Edwin Mellen Press.

2007. 'Hindusta kobieta; konstrukci i prawda w dobie globalizacji (przełomowała Marta Bierca)', in *Gender: Perspektywa Antropologiczna*, (eds) Renaty E. Hryciuk and Agnieszki Koecińskiej (in Polish) Wydawnictwa Uniwersytetu Warszawskiego.

2008. 'Towards New Identity: The Crafting of Human bodies and the Racialization of Caste in India' in *Dalits in Contemporary India, Discrimination and Discontent* (ed. Nandu Ram). Vol. 1, pp. 157-75, Delhi: Siddhant Pub.

Kapoor, S., Tyagi, R. et. al. 2007. 'Ethnicity and Obesity'. Paper presented at ECO 2007 held in Budapest.

Sinha, R. and Kapoor, S. 2007. 'Sensitivity of various skinfold sites to fat deposition in adolescent daughters and their mothers'. *Acta. Biologica Szegediensis*, 51(1): 21-5.

Tyagi, R. and Kapoor, S. 2008. 'Socio-health profile of aged. population', in *Bio-social issues of health* (eds) Sinha, A.K. and Banerjee, B.G. Delhi: Northern Book Centre.

Mary Grace Tungdim, Kapoor, S. and Kapoor, A.K. 2008. 'Socio-economic status and prevalence of Tuberculosis among the tribals of North-East India. In *Bio-social issues of health*. (eds) Sinha, A.K. and Banerjee, B.G. Delhi: Northern Book Centre.

Books

Patnaik, S.M. and Chaudhury, S.K. 2007. *Indian Tribes and the Mainstream*. (eds), Jaipur: Rawat Publications.

Research Papers

Patnaik, S.M. 2007. Anthropology of Tourism: Insights from Nagaland', *The Eastern Anthropologist*, 60(3&4): 455-70.

2007. 'Reconstructing Cultural Identity: The case of the Idu of Arunachal Pradesh', in Bhadra, R.K. and Bhadra, M. (eds) *Ethnicity, Movement and Social Structure: Contested Cultural Identity*. New Delhi: Rawat Publications.

Gaur, M. and Patnaik, S.M. 2008. 'Struggle for Azadi: Adivasi Movements in Chhattisgarh'. in Patnaik, S.M. and Chaudhury, S.K.(eds). *Indian Tribes and the Mainstream*. Jaipur: Rawat Publications.

Saraswathy, K.N., Mukhopadhyay, R., Sinha, E., Aggarwal, S., Sachdeva, M.P. and Kalla, A.K. 2008. 'MTHFR C677T Polymorphisms among the Ahirs and Jats of Haryana (India)'. *American Journal of Human Biology*, 20: 116-7.

Saraswathy, K.N. and Sachdeva, M.P. 2008. 'G6PD deficiency, Sickle Cell trait, haptoglobin and Transferrin Polymorphisms among Koyadora and Nayakpods of Andhra Pradesh'. *The Anthropologist*, 10: 2, 163-5.

Walia, G.K., Mukhopadhyay, R., Saraswathy, K.N., Puri, M. and Chahal, S.M.S. 2008. 'Immuno-Molecular Etiology of Recurrent Pregnancy Loss and the Anthropological Perspective'. *International Journal of Human Genetics*, 8(2): 227-35.

Gupta, V., Khadgawat, R., Saraswathy, K.N., Sachdeva, M.P. and Kalla, A.K. 2008. 'Emergence of TCF7L2 as a Most Promising Gene in Predisposition of Diabetes Type II'. *International Journal of Human Genetics*, 8(2): 199-215.

BOTANY

Major Activities

Following are the major areas of research:

- Microbial Technology
- *In Vitro* Technologies
- Plant Reproductive Biology
- Analysis of Genetic Diversity
- Signal Transduction
- Plant Developmental Biology and Biotechnology
- Plant Physiology and Biochemistry

Ph.D./M.Phil. Degrees awarded

Ph.D. - 14

M. Phil. - 18

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Studies on Reproductive Biology, Genetic Diversity and Eco-Physiology of some Mangroves in India.	A.K. Bhatnagar	MoEF
Cost-effective <i>in vitro</i> Protocol Development and Mass Propagation of Commercial and Endangered Orchids.	I. Usha Rao	DBT
Biological Control of <i>Fusarium</i> Wilt of Pigeon Pea (<i>Cajanus cajan</i>) by Rhizospheric Bacterial Soil Isolates: An Integrated Disease Management (IDM) Approach.	V.P. Singh	DST
DNA Barcoding of Selected Species of <i>Dendrobium</i> , an Orchid, for Checking the Applicability of the Concept to Plants.	S.B. Babbar	DBT
Molecular Cloning of Cold Binding Factors in Tomato: Over-expression and Purification to Raise Antibodies.	R. Deswal	DRDO
Nitric Oxide Signalling during <i>Bryophyllum</i> Bud Differentiation.	R. Deswal	UGC
Comparison of CBF mediated Signalling in two LT Tolerant and two LT Sensitive Crops.	R. Deswal	DST
Proteomics Approach for Partial Characterization of S-nitrosoproteome of <i>B.juncea</i> and to Study Expression of Major S-nitrosylated Proteins under Abiotic and Nitrosative Stress Conditions.	R. Deswal	CSIR

Programme Support in Environmental Biotechnology –Restoration Ecology.	S. Lakhanpaul	DBT
Induction of Apomixis in <i>Sorghum</i> by regulation of ‘Somatic – down-Embryogenesis-Receptor-Kinase’ (SERK) Gene in the Ovules.	V. Bhat	ICAR
Molecular Markers and Descriptor Development in Tea.	V. Bhat	DBT
Molecular Characterization of Genes Associated with Apomixis in <i>Cenchrus ciliaris</i> .	V. Bhat	DBT
Map-based Cloning of Genes Controlling Apomixis in <i>Cenchrus ciliaris</i> and their Functional Validation using RNAi Approach.	V. Bhat	DBT
Identification of Ovule/Embryo Sac-specific Promoters and their validation in transgenic <i>Cenchrus</i> .	V. Bhat	DST
Biodiversity and <i>in vitro</i> selection of <i>Psoralea corylifolia</i> Plants yielding High Content of Anticancerous Bioactive Compounds Genistein, Diadzein and Psoralen.	V. Agrawal	UGC
Mycorrhizal Technology to Enhance Growth, Survival and Production of Active Principal of three Medicinal Plants of High Economic Value.	R. Kapoor	DST
Towards the Designer Bio-Diesel in <i>Jatropha curcas</i> .	Shailendra Goel	DRDO
Profiling of Small RNAs Unique to Apomictic Addition Lines in <i>Pennisetum glaucum</i> through Subtractive Small RNA Library.	Shailendra Goel	DBT
Development and Stress-specific Genomics of small non-coding RNAs in <i>Brassica</i> spp., Rice and Wheat.	Manu Agarwal	DBT

Programmes taken up involving Inter-institutional Collaboration

Genetic transformation of chickpea and tomato.	V. Agrawal	NBRI, IARI
Evaluation of larvicidal activity of herbal extracts of medicinal plants against malaria vectors.	V. Agrawal	Malaria Research Centre, Delhi
Development and stress-specific DBT, genomics of small non-coding RNAs in <i>Brassica</i> spp., rice and wheat.	M. Agarwal	UDSC, Jamia Hamdard, ICGEB

New Additions

Dr. Rupam Kapoor	-	Reader	Dr. Shailandra Goel	-	Reader
Dr. Arun Jagannath	-	Reader	Dr. Manu Agarwal	-	Reader

Honours/Distinctions

Prof. S.K. Sawhney: Elected President, Indian Society for Plant Physiology, New Delhi.

Prof. A.K. Bhatnagar: Elected Vice President of the Orchid Society of India.

Seminars/Conferences held

National Conference on 'Wetlands, Science and Society—An Assessment of their Integration', Delhi University Botanical Society, Delhi (INSA, 11-13 December 2007).

Seminars/Conferences attended

Prof. A.K. Bhatnagar: 3rd Global Summit on Medicinal and Aromatic Plants, Chiang Mai, Thailand, 21-24 November 2007.

Dr. D.B. Sahoo: Participated in United Nations Framework Convention on Climate Change, Nusa Dua, Bali, Indonesia, 3-14 December 2007.

Dr. Suman Lakhanpaul: Participated in International Conference, Christ Church, New Zealand, 16-20 June 2007.

Dr. Renu Deswal: Participated in Seminar on 'Nitric Oxide signalling (S-nitrosylation): A novel dimension of metabolome regulation in plants', Department of Biology, University of Ontario, 24 September 2007.

Invited lecture on 'The Enigma of Low Temperature Tolerance in Seabuckthorn' at the 3rd International Conference of International Seabuckthorn Association, Quebec, Canada, 14-17 August 2007.

Dr. V.P. Singh, Dr. D.B. Sahoo and Dr. Veena Agrawal: Participated in the 1st Indo-Danish DU-SDU Seminar 'Emerging Trends in Interfacial Areas of Chemical, Biological and Environmental Sciences', Delhi, 17-18 March 2008.

Dr. D.B. Sahoo: Participated in the 2nd Asian Symposium on Plant Lipids, Tokyo International Conference, 30 November-2 December 2007.

International Conference on 'Indo-US S & T Workshop on Green Chemistry', New Delhi, 7-9 January 2008.

Dr. D.B. Sahoo and Dr. Veena Agrawal: 9th International Symposium on 'Vectors and Vector Borne Diseases' and International Workshop on Insecticide Resistance', Puri, 14-17 February 2008.

Dr. P.L. Uniyal: Participated in the International Tropical Ecology Congress 2007, Dehradun, 2-5 December 2007.

1st International Conference on 'Agrochemicals Protecting Crop, Health and Natural Environment', New Delhi, 8-11 January 2008.

Prof. S.K. Sawhney: Participated in National Seminar on 'Plant Physiology: Physiological and Molecular Approaches for increasing Yield and Quality of Agricultural, Horticultural and Medicinal Plants under Changing Environment', Dapoli, 28-30 November 2007.

Dr. T.N. Khoshoo: Delivered a talk on life and work at the 'National Conference on Orchids: Science and Society', Bangalore, 10 April 2008.

Prof. I. Usha Rao: National Seminar on 'Emerging Trends in Plant Science: Biodiversity, Biotechnology and Environmental Conservation', 30th Botanical Conference, Gwalior, 28-30 November 2007.

National Symposium on 'Plant Biotechnology for Conservation, Characterisation and Crop Improvement', Udaipur, 8-10 February 2008.

Dr. P.L. Uniyal and Dr. Anjali Sood: Participated in National Conference on 'Wetlands, Science and Society : An Assessment of their Integration', Delhi, 11-13 December 2007.

National Conference on 'Current Trends in Algal Biodiversity and Biotechnology', Madras, 7-8 February 2008.

National Seminar on 'Sunderbans Ecosystem: Prospects, threats and management', Kolkata, 5-7 January 2008.

Dr. Veena Agrawal: National Seminar on 'Pl. Physiol.: Physiolog. Molec. Approaches for Increasing Yield and Quality of Agricultural, Horticultural and Medicinal Plants under Changing Environment', Dapoli, 29 November-1 December 2007.

Publications

Books

Singh, J.S., Bhatnagar, A.K., Singh, V.P. and Roy, B.K. (eds). 2007. *Plant Diversity and Conservation*. Delhi: Satish Serial Publishing House.

Research Articles

Agrawal, V. and Sardar, P. 2007. 'Somatic embryogenesis and organogenesis through zygotic embryos of Senna (*Cassia angustifolia* Vahl.) : A medicinal legume'. *In Vitro Cell Dev. Biol. Plant*, 43: 585-92.

Agrawal, V., Sharma, K.D., Kumar, R. and Prashad, M. 2007. 'Identification of sex using RAPD marker in male and female plants of jojoba'. *Pl. Biotech. Rep.*, 1: 207-10.

Dutta, A., Sen, J. and Deswal, R. 2007. 'Downregulation of terpenoid indole alkaloid biosynthetic pathway by low temperature and cloning of an AP2 type C-repeat binding factor (CBF) from *Catharanthus roseus* (L) G.Don'. *Plant Cell Reports*, 26: 1869-78.

Arumugam, N., Gupta, V., Jagannath, A., Mukhopadhyay, A., Pradhan, A.K., Burma, P.K. and Pental, D. 2007. 'A passage through *in vitro* culture is essential for efficient production of true marker-free transgenic plants using the cre-loxP system'. *Transgenic Research*, 16: 703-12.

Chandra, A., Jain, M., Bhat, V., Vora, J., Ghawna, S. and Ahuja, P.S. 2007. 'Frontiers of plant biology research, Meeting Report'. *Current Science*, 92(11): 1131-5.

Bamel, K., Gupta, S.C. and Gupta, R. 2007. 'Acetylcholine cause rooting in leaf explants of *in vitro* raised tomato (*Lycopersicon esculentum* Miller) seedlings'. *Life Sci.*, 80: 2393-6.

Beri, V. and Gupta, R. 2007. 'Acetylcholinesterase inhibitors neostigmine and physostigmine inhibit induction of alpha-amylase activity during seed germination in barley, *Hordeum vulgare* var'. *Joti. Life Sci.*, 80: 2386-68.

Bhat, B.V., Bhat, V., Gupta, M.G. and Gupta, S. 2007. 'Isozyme based genetic similarity in *Cenchrus* (Poaceae)'. *Range Mgmt. & Agroforestry*, 28 (2): 285-6.

Bhatnagar, A.K. and Tomar, Balhara M. 2007. 'Fungal infection and Mycotoxin contamination in mustard oilseeds during storage in India, Proceedings of the 12th International Rapeseed Congress, Wuhan, China, 41-2.

Bisht, N.C., Jagannath, A., Burma, P.K., Pradhan, A.K. and Pental, D. 2007. 'Retransformation of a male sterile barnase line with the barstar gene as an efficient alternative method to identify male sterile-restorer combinations for heterosis breeding'. *Plant Cell Reports*, 26: 727-33.

Conner, J.A. and S. Goel. M.M. Cordonnier-Pratt, C. Liang, L.H. Pratt, Hanna, W.W. and Ozias-Akins, P. 2008. 'Sequence Analysis of the BACs from Apospory-Specific Genomic Region'. *Plant Pysiology* (published online).

- Dwivedi, K.K., Bhat, S.R., Bhat, V., Bhat, B.V. and Gupta, M.G.** 2007. 'Identification of a SCAR marker linked to apomixis in buffelgrass (*Cenchrus ciliaris*)'. *Plant Science*, 172: 788-95.
- Giri, B., Kapoor, R. and Mukerji, K.G.** 2007. 'Improved tolerance of *Acacia nilotica* to salt stress by arbuscular mycorrhiza, *Glomus fasciculatum* is partly related to elevated K: Na ratios in root and shoot tissues'. *Microbial Ecology*, 54: 753-60.
- Giridhar, K. Pandey, Vanga, S. Reddy, Malireddy, K. Reddy, Renu, Deswal, Bhattacharya, A. and Sopory, S.K.** 2007. 'Transgenic tobacco expressing antisense of *Entamoeba histolytica* calcium binding protein'. *J. of Bioscience*, 32, 251-60.
- Jaiswal, S. and Sawhney, S.K.** 2008. 'Thidiazuron-induced hypertrophic growth from foliar discs of *Kalanchoe pinnata* leads to the visualization of a bioactive auxin gradient across leaf plant'. *In Vitro Cell. Dev.Biol.-Plant*, 44: 65-8.
- Jasmeet, Kaur Abat, Autar, K. Matoo and Deswal, R.** 2008. 'S-Nitrosylated protein profile of a medicinal CAM Plant *Kalanchoe pinnata*: Ribulose-1, 5-bisphosphate carboxylase/oxygenase activity targeted for inhibition'. FEBS Journal published on line 10.1111/J.1742-4658.2008.06.455.
- Jasmeet, Kaur Abat, Sehgal, P. and Deswal, R.** 2008. 'S-Nitrosylation-another biological switch like phosphorylation'. *Physiology and Molecular Biology of Plants*, 14(1): 119-30.
- Kapoor, R., Chaudhary, V. and Bhatnagar, A.K.** 2007. 'Effects of arbuscular mycorrhiza and phosphorus application on artemisinin concentration in *Artemisa annua* L. *Mycorrhiza* 17: 581-7.
- Kapoor, R. and Bhatnagar, A.K.** 2007. 'Attenuation of cadmium toxicity in mycorrhizal celery (*Apium graveolens* L.)'. *World Journal of Microbiology & Biotechnology*, 23: 1083-9.
- Koul-Moza, M. and Bhatnagar, A.K.** 2007. 'Plant reproductive biology studies crucial for conservation'. *Current Science*, 92(9): 1207.
- Nayak, S., Prasanna, R., Prasanna, B.M. and Sahoo, D.** 2007. 'Analysing diversity among Indian isolates of *Anabaena* (Nostocales, Cyanophyta) using morphological, physiological and biochemical characters'. *World J. Microbiol. Biotechnol.*, 23: 1575-84.
- Pandey, V., Agrawal, V., Raghavendra, K. and Dash, A.P.** 2007. 'Strong larvicidal activity of three species of *Spilanthus* (Akarkara) against malaria (*Anopheles stephensi* Liston, *Anopheles culicifacies*, species C) and filaria vector (*Culex quinquefasciatus* Say)'. *Parasitol. Res.*, 102: 171-4. (Springer, Germany).
- Panjabi, P., Jagannath, A., Bisht, N.C., Padmaja, K.L., Sharma, S., Gupta, V., Pradhan, A.K. and Pental, D.** 2008. 'Comparative mapping of *Brassica juncea* and *Arabidopsis thaliana* using Intron Polymorphism (IP) markers: Homeologous relationships, diversification and evolution of the A, B and C *Brassica* genomes'. *BMC Genomics*, 9: 113.

- Kapoor, P. and Rao, I.U.** 'Effect of Boron on *in vitro* rhizome induction in *Bambusa bambos* var. *Gigantea* Bennet and Gaur. (Plant Cell Tissue and Organ Culture).
- Tyagi., R., Gupta, P. and Uniyal, P.L.** 2007. 'The effect of lead and zinc concentration on growth of four species of bryophytes'. *Int. J. Biol. Chem. Sci.*, 1: 128-35.
- Shakya, R. and Bhatla, S.C.** 2007. Cover Photo: Lipolytic activity on the stigmatic papillae of *Helianthus annuus* L. Epifluorescence microscopic localization of esterase activity (upper horizontal column), neutral lipids (middle column) and lipase activity (lower column) in young (left), developing (middle) and mature papillae (right) on the stigmatic surface. *Phytomorphology* (57).
- Sarma, K., Tandon, R., Shivanna, K.R. and Mohan, Ram. H.Y.** 2007. 'Snail-pollination in *Volvulus nummularium*'. *Current Science*, 93: 826-31.
- Guha, S. and Rao, I.U.** 2008. 'Application of KMnO₄ within Culture Atmosphere in Thidiazuron Containing Medium Enhanced Shoot Formation in *Cymbidium aloifolium* L. (SW.) Shoot Explants (Scientia Horticulturae)'.
2008. 'Floral Diversity in Orchids: An evolutionary consequence of deception? In *Festschrift Volume in honor of Prof. S.C.Maheshwari*.
- Sharma, R. and Gupta, R.** 2007. 'Cyperus rotundus extract inhibits acetylcholinesterase activity from animal and plants as well as inhibits germination and seedling growth in wheat and tomato'. *Life Sci.*, 80: 2389-92.
- Sharma, D., Kapoor, R. and Bhatnagar, A.K.** 2008. 'Arbuscular mycorrhizae in micropropagation systems and their potential applications'. *Scientia Horticulturae*, 116: 227-39/Elsevier Science UK.
2008. 'AM fungi help in conservation of *Curculigo orchioides* Gaertn :A vulnerable anticancerous plant'. *World Journal of Microbiology & Biotechnology*, 24: 395-400.
- Shashi, S., Katiyar, R.K., Bhatnagar, A.K. and Singh, A.B.** 2008. 'Soluble and nonsoluble protein assay for antigenic extracts from pollen and seeds of mustard (*Brassica* spp.)'. *Allergy and Asthma Proceedings*, 29: 78-87.
- Singh, A., Devarumath, R.M., Rama Rao, S., Singh, V.P. and Raina, S.N.** 2008. 'Assessment of genetic diversity, and dphylogenetic relationships based on ribosomal DNA repeat unit length variation and Internal Transcribed Spacer sequences in chickpea (*Cicer arietinum*) cultivars and its wild species'. *Genet. Resour. Crop Evol.*, 55: 65-79.
- Singh, I. and Singh, V.P.** 2007. 'Phosphatases in aflatoxin-producing and non-producing strains of *Aspergillus flavus* Link'. *Curr Sci.* 90: 1362-3.
- Singh, V.P.** 2007. 'Mg²⁺ decreases Arrhenius energies of activation for high temperature catalysis of phosphatases in *Thermoactinomyces vulgaris*'. *Curr. Microbiol.*, 55: 179-84.

2007. 'Microbial enzymes and detoxification strategies for environmental protection. in *Plant Diversity and Conservation* (eds) Singh, J.S., Bhatnagar, A.K., Singh, V.P. and Roy, B.K., Delhi: Satish Serial Publishing House, pp. 301-8.
- Singh, V.P., Kedia, V.K. and Mohanta, H.S.** 2007. 'Differential expression of thermophilic phosphatases in the wild type and auxotrophic mutant strains of *Thermoactinomyces vulgaris*'. *Ind. J. Microbiol.*, 47: 81-5.
- Singh, V.P. and Kumar, R.** 2007. 'Microsome technology for biodegradation of xenobiotics of health and environmental concern', in *Microbiology Application and Current Trends* (ed.) Trivedi, P.C. Jaipur: Pointer Publisher, pp. 216-228.
- Sood, A., Prasanna, R., Prasanna, B.M. and Singh, P.K.** 2008. 'Genetic diversity among and within cultured cyanobionts of diverse species of *Azolla*'. *Foila Microbiologica*, 53: 35-48.
- Sood, A., Prasanna, R. and Singh, P.K.** 2008. 'Fingerprinting of freshly separated and cultured cyanobionts from different *Azolla* species using morphological and molecular markers'. *Aquatic Botany*, 88: 142-7.
- Suresh, P.S., Kumar, A., Kumar, R. and Singh, V.P.** 2008. 'An Insilico approach to bioremediation: Laccase as a case study'. *J. Mol. Graph. Model*, 26: 845-9.
- Tandon, R., Chodhury, R. and Shivanna, K.R.** 2007. 'Cryopreservation of oil palm pollen'. *Current Science*, 92: 182-3.
- Tiku, D.K., Kumar, A., Sawhney, S.K., Singh, V.P. and Kumar, R.** 2007. 'Effectiveness of treatment technology for wastewater pollution generated by Indian pulp mills. *Environ. Monit. Assess.*, doi 10.1007/s10661-006-9548-3.
- Verslues, P.E., Batelli, G., Grillo, S., Agius, G., Kim, Y.S., Zhu, J., Agarwal, M., Katiyar-Agarwal, S. and Zhu, J.K.** 2007. 'Interaction of SOS2 with nucleoside diphosphate kinase 2 and catalases reveals a point of connection between salt stress and H₂O₂ signaling in *Arabidopsis thaliana*'. *Mol. Cell Biol.*, 27: 7771-80.
- Walia, N., Kaur, A. and Babbar, S.B.** 2007. 'Proliferation and differentiation from endosperms of safflower (*Carthamus tinctorius*)'. *Biologia Plantarum*, 51: 749-53.
2007. 'An efficient, *in vitro* cyclic production of shoots from adult trees of *Crataeva nurvala* Buch'. *Ham. Plant Cell Reports*, 26: 277-84.
- Yang, E.C., Kim, M.S., Geraldino, P.J., Sahoo, D., Shin, J.A. and Boo, S.M.** 2008. 'Mitochondrial cox 1 and plastid rbcL genes of *Gracilaria vermiculophylla* (Gracilariaceae, Rhodophyta)'. *J. Appl. Phycol.*, 20: 161-8.

CHEMISTRY

Major Activities

Several faculty members of the Department are engaged in the synthesis of novel ligands and their complexes for determining their biological and medicinal importance and as the building blocks for novel heterometallic and supramolecular assemblies.

Some groups of teachers have pioneered study in the area of biocatalytic chemical transformations, viz. lipase-mediated synthesis of peracylated pentofuranoses, which have been transformed into nucleosides, a 'green' amidation protocol of free carboxylic acids and biocatalytic reactions in the generation of novel co-polymers for diverse applications. Recently, the Department of Scientific and Industrial Research (DSIR, Ministry of Science and Technology, Government of India) has sanctioned a major research project to develop two compounds as therapeutics for asthma and hypertension in collaboration with two industries.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	26
M.Phil.	-	23

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Development of novel materials.	Prof. V.S. Parmar	Polytechnic University New York, USA.
Feasibility study of polymer organo silicate nanocomposites for oral drug delivery systems related to colon disease.	Prof. M. Datta	DST
'Nickel boride-mediated synthesis of heterocycles and related applications.	Prof. J.M. Khurana	UGC
Environmentally benign water-based synthesis of bioheterocycles.	Prof. M. Kidwai	CSIR
Inhibition of gene expression in HIV-1 using peptide libraries and amino acid analogs.	Dr. S.K. Awasthi	DST

Development of coordination complexes as building blocks to generate novel heterometallic complexes	Dr. R. Gupta	DST
Synthesis of substituted tetraoxanes and tetraoxane-aminoquinoline/amine conjugates as potential antimalarial agents.	Dr. D.S. Rawat	DST
Electronic control of thermal Bergman cyclization reactions: A new approach towards the development of novel enediyne anticancer molecules.	Dr. D.S. Rawat	DST
Design and synthesis of peptide nucleic acids with improved cell permeability.	Dr. S.K. Sharma	DBT
Design and synthesis of glycerol based building blocks for flame retardant polymers.	Dr. S.K. Sharma	DRDO
Guanidine scaffold for constructing short and wide bite angle phosphine ligands and their transition metal complexes.	Dr. N. Thirupathy	DST
Development of controlled-release nanoparticulate formulations for pesticides and insecticides.	Dr. S. Mozumdar	DBT
Search for new photocatalysts for the degradation of toxic organics utilizing visible radiation.	Dr. S. Uma	DST
Polyurethane-based tri-block copolymers through atom transfer radical polymerization.	Dr. K. Tharanikkarasu	UGC

Programmes taken up involving Inter-institutional Collaboration

Prof. V.S. Parmar and Dr. A.K. Prasad: (1) Synthesis of Selected Nucleosides of Importance in Chemical Etiology Studies of Nucleic Acids with Professor Dr Jesper Wengel at the Nucleic Acid Center, University of Southern Denmark, NAC, Danish National Research and Scientific Council, Denmark; (2) Novel Nucleic Acid Derivatives as Tools for

Biotechnological and Therapeutic Applications with Professor Dr Jesper Wengel and Dr. E. B. Pedersen at the University of Southern Denmark, DBT, under the Indo-Danish Biotechnology Programme between the two countries.

Prof. Pavan Mathur: DRDO-sponsored Project 'Manganese co-ordination compounds as spectral and functional mimics of some manganese containing compounds' has been started during the year 2007-2008.

Prof. R.C. Rastogi: Insilico studies on structure, functions and applications of a novel Transacetylase mediating Protein Acetylation independent of Acetyl CoA, in collaboration with Professor HG Raj, VP Chest Institute, University of Delhi.

Dr. R. Gupta: Collaborative project with Professor M. Corbella, Universitat de Barcelona, Spain, to understand the magnetic super-exchange phenomena.

Dr. D.S. Rawat: (1) A collaborative project on the biological evaluation of natural/natural product analogues with Prof. Nilanjan Roy, Department of Biotechnology, National Institute of Pharmaceutical Education and Research (NIPER), Mohali, Punjab; (2) A collaborative project on the biological evaluation of natural/natural product analogues with Dr. Sabana I. Khan, University of Mississippi, USA.

Dr. Rama Kant: (1) Conjugated Polymers for Photovoltaic Applications with Dr. Ramdhar Singh of NPL, Delhi; (2) Development of Advanced Materials for Electro Chromic Devices with Dr. S. T. Lakshmi Kumar, NPL, New Delhi.

Appointment of faculty members to higher Posts/Assignments

Prof. V.S. Parmar: Visiting Full (Adjunct) Professor of Organic Chemistry, Institute of Physics and Chemistry, University of Southern Denmark.

Prof. G. Singh: Visiting Professor on a research assignment in the Department of Chemistry, Kyungpook National University, 1370 Sangyuk-dong, Duk-gu, Daegu, South Korea.

Prof. M. Kidwai: Nominated by Delhi University and sponsored by the Government of India for Industry Academic Programme of JIACA, Japan,

Honours/Distinctions

Prof. N.K. Kaushik: Acharya P.C. Ray Memorial Award, 2007, awarded by Indian Chemical Society, Kolkata.

Awarded MRSI prize for the best paper published in the *Bulletin of Material Science*, 2007.

Prof. A.K. Bakhshi: Chairman of the Content Advisory Committee for Chemistry for the national project 'Sakshat: One-Stop Education Portal' of the Ministry of HRD, Government of India.

Convener, CBSE Committee for Revision of the Chemistry syllabus of the All India Engineering/Architecture Entrance Examination (AIEEE) – 2008.

Visiting Professor at GGS Indraprastha University, Delhi, Physical Chemistry.

Dr. A.K. Prasad: Visiting Associate Professorship at (i) University of Southern Denmark, Denmark; (ii) National Centre for Research Resources-sponsored Lecturer in College of Pharmacy, University of Rhode Island, USA.

Dr. D.S. Rawat: (i) CRSI Young Researcher Award (2007) awarded by the Chemist Research Society of India; (ii) Elected Life Member (2007), The National Academy of Sciences, Allahabad; (iii) Prof. D. P. Chakraborty 60th Birth Anniversary Commemoration Award (2007) awarded by the Indian Chemical Society.

Dr. S. Mozumdar: Recipient of D.B.T. Short-Term Visiting Fellowship for conducting internationally collaborative research at the University of North Carolina, Chapel Hill, USA.

Dr. S.K. Sharma: Overseas Associate award by the Department of Biotechnology, Government of India.

Seminars/Conferences held

National Seminar on 'Green Chemistry and Natural Products', 26-27 November 2007.

Presentation in Seminars/Conferences

P.P. Singh, Ambika and S.M.S., Chauhan 2007. 'Activity Guided Isolation of Antioxidants from *Awertia chirata*'. National Seminar on 'Green Chemistry and Natural Products' (Delhi), p. 46, Delhi University.

A. Singhal and S.M.S., Chauhan, 2007. 'Boric acid catalyzed synthesis of 5-aryldipyrromethanes'. 'National Seminar on 'Green Chemistry and Natural Products' (Delhi), p. 46, Delhi University.

2008. 'Synthesis of multiporphyrins and their spectral characterization in different conditions'. International Conference on The interface of Chemistry-Biology in biomedical research' (Rajasthan), BITS Pilani, p. 19.

T. Bisht, B., Garg and S.M.S., Chauhan 2008. 'Synthesis and anion binding of azothiocalix[4]arenes'. International Conference on The interface of Chemistry-Biology in biomedical research' (Rajasthan), BITS Pilani, p. 270.

P. Kumari, J.Tanwar, Niharika, P.P., Chauhan and S.M.S. Chauhan: 2008. 'Molecular capsules by ionic interactions in calixarenes'. International Conference on 'The interface of Chemistry-Biology in biomedical research' (Rajasthan), BITS Pilani, p. 182.

S.M.S. Chauhan: 'Non-covalent synthesis with functional porphyrins, calix[4]pyrroles and related functional molecules'. International Conference on 'The interface of Chemistry-Biology in biomedical research' (Rajasthan), ML-31, BITS Pilani.

A.K. Bakhshi: Invited Talk at the 2nd National Conference on 'Thermodynamics of Chemical and Biological Systems', Department of Chemistry, VN South Gujarat University, Surat, 30 October-1 November 2007.

S.C.Jain: 'A Green Approach to Develop New Bioactive Azaphenothiazine Compounds'. 'National Seminar on 'Green Chemistry and Natural Products', Delhi.

2007. 'Synthesis of Marine Sponge Alkaloid: Ikimine-C'. National Seminar on 'Green Chemistry and Natural Products', Delhi.

S.K. Jain, N. Sharma, and R.C. Rastogi: 'Cycloaddition of Dichlorocarbene with Ethylene: A Topological Study Using the Theory of Atoms in Molecules', 1st Indo-Danish DU-SDU Seminar on 'Emerging Trends in Interfacial Areas of Chemical, Biological and Environmental Sciences', Department of Chemistry, Delhi University, 17-18 March 2008.

M. Kaur, P. Lokeswari, H. Kundra and M. Datta: 'Removal of toxic azo dyes from aqueous solutions using pillared Montmorillonite', in abstracts, National Symposium on 'Recent Advances in Analytical Sciences and Applications', Himachal Pradesh University, 5-7 April 2007.

C. Dhand, S.K. Arya, S.P. Singh, M. Datta and B.D.Malhotra: 'Glucose Biosensor Based on Electrophoretically Prepared Nano-structured Polyaniline Film, in abstracts, National Symposium on Multifunctional Nanomaterials, Nanostructures and Applications', Department of Physics and Astrophysics, Delhi University, 19-21 December 2007.

P., Lokeswari, and M., Datta: 'Removal of toxic azo dye Congo red from aqueous solutions using clay: A greener approach', in abstracts, International Congress of Environmental Research, ICER, 07, Bhopal, 28-30 December 2007.

M. Kaur and M. Datta: 'Application of pillared/organoclays in the removal of azo dyes from aqueous solutions and their use as nanocolorants': A waste to resource utility, in abstracts, International Congress of Environmental Research, ICER, 07, Bhopal, 28-30 December 2007.

R. Chaudhary and M. Datta: 'Phosphomolybdic acid intercalated bentonite and green catalyst for acetylation reactions', in abstracts, International Congress of Environmental Research, ICER, 07, Bhopal, 28-30 December 2007.

H. Kundra and M. Datta: 'Complete conversion of fly ash to highly crystalline aluminosilicates: Synthesis and characterization', in abstracts, International Congress of Environmental Research, ICER, 07, Bhopal, 28-30 December 2007.

A.K. Prasad: Participated and delivered a lecture in the symposium in 'Small Molecule Drug Design and Development', 91st Canadian Chemistry Conference in Edmonton, Alberta, Canada.

Invited lecture in National Seminar on 'Green Chemistry and Natural Products', Department of Chemistry, Delhi University; Invited lecture at 44th Annual Convention of Chemists, Mahatma Gandhi Institute of Applied Sciences, Jaipur.

D.S. Rawat, H. Atheaya, R. Mamgain and S.I. Khan: 'Synthesis, characterisation, thermal stability and antimalarial activity of symmetrically and asymmetrically substituted tetraoxanes', 12th ISCB Conference, International Conference on 'The Interface of Chemistry-Biology in biomedical research', BITS, Pillani.

V. Shankar, R. Kant and A.K. Ganguli: 'Unusual dielectric behaviour induced by nanoscale dopants: Evidence of fractal geometry (Poster)', in abstracts, The NIMS Conference 2007 on 'Recent Breakthroughs in Materials Science and Technology', Japan.

V. Shankar, P. Rastogi, R. Kant and A.K. Ganguli: 'Universal variation of dielectric behaviour induced by nanoscale dopants in dielectric oxides: Evidence of fractal geometry (Poster)', in abstracts, 10th CRSI National Symposium in Chemistry, Indian Institute of Science, Bangalore.

H. Verma and K. Tharanikkarasu: 'Synthesis and Characterization of Novel polyurethane-based Tri-block Copolymers through Atom Transfer Radical Polymerization', Presented in International Seminar on 'Frontier in Polymer Science and Technology (POLY 2007)', Tezpur University, Assam.

Publications

Tyagi, R., Pandey, M.K., Malhotra, S., Kumar, R., Kumar, J., Parmar, V.S. and Watterson, A.C. 2007. 'Synthesis and characterisation of photoactive amphiphilic polymers'. *J. Macromol. Sci., Part A: Pure Appl. Chem.*, 44: 1283-7.

Jha, A., Mukherjee, C., Prasad, A.K., Parmar, V.S., DeClercq, E., Balzarini, J., Stables, J.P., Manavathu, E.K., Shrivastav, A., Sharma, R.K., Nienaber, K.H., Zello, G.A. and Dimmock, J.R. 2007. 'E,E,E-1-(4-Arylamino-4-oxo-2-butenoyl)-3,5-bis(arylidene)-4-piperidones: A topographical study of some novel potent cytotoxins'. *Bioorg. Med. Chem.*, 15: 5854-65.

Mosurkal, R., Kumar, J., Parmar, V.S. and Watterson, A.C. 2007. 'Controlled release of covalently bound organic molecules by slow hydrolysis for potential biocide applications'. *J. Macromol. Sci., Part A: Pure Appl. Chem.*, 44: 1289-92.

Kumar, V., Kumar, R., Raunak, Poonam, Sharma, S.K., Prasad, A.K., Cholli, A.L., Olsen, C.E. and Parmar, V.S. 2007. 'Biocatalytic acylation studies on novel 3-aryl-3-hydroxymethyl-2,3-dihydro-4H-1-benzopyran-4-ones'. *Ind. J. Chem.*, 46B: 1501-10.

Pandey, M.K., Tyagi, R., Tomar, S., Kumar, J., Parmar, V.S. and Watterson, A.C. 2007. 'Design and synthesis of novel pegylated 4-methylcoumarins'. *J. Macromol. Sci., Part A: Pure Appl. Chem.*, 44: 1293-8.

Singh, B.K., Mehta, V.P., Parmar, V.S. and Eycken, E.V. 2007. 'Palladium-catalyzed copper (I)-mediated cross-coupling of arylboronic acids and 2(1H)-pyrazinones facilitated by microwave irradiation with simultaneous cooling'. *Org. Biomol. Chem.*, 5: 2962-5.

- Kumar, V., Olsen, C.E., Schaffer, S.J.C., Parmar, V.S. and Malhotra, S.V.** 2007. 'Synthesis and applications of novel bis(ammonium) chiral ionic liquids derived from isomannide'. *Org. Lett.*, 9: 3905-8.
- Prasad, A.K., Kalra, N., Yadav, Y., Singh, S.K., Sharma, S.K., Patkar, S., Lange, L., Olsen, C.E., Wengel, J. and Parmar, V.S.** 2007. 'Selective biocatalytic deacylation studies on furanose triesters: A novel and efficient approach towards bicyclonucleosides'. *Org. Biomol. Chem.*, 5: 3524-30.
- Pedersen, J.Z., Oliveira, C., Incerpi, S., Kumar, V., Fiore, A.M., Vito, P. De, Prasad, A.K., Malhotra, S.V., Parmar, V.S. and Saso, L.** 2007. 'Antioxidant activity of 4-methylcoumarins'. *J. Pharm. Pharmacol.*, 59: 1721-8.
- Mosurkal, R., Samuelson, L.A., Parmar, V.S., Kumar, J. and Watterson, A.C.** 2007. 'Biocatalytic synthesis of organosiloxane copolyimide'. *Macromolecules*, 40: 7742-4.
- Malhotra, S.V., Kumar, V. and Parmar, V.S.** 2007. 'Asymmetric catalysis in ionic liquids'. *Curr. Org. Synth.* 4: 370-80.
- Arora, S., Vohra, P., Kumar, A., Tyagi, Y.K., Raj, H.G., Dawarkanath, B.S., Saluja, D., Saso, L. and Parmar, V.S.** 2008. 'Calreticulin transacetylase catalyzed activation of rat tracheal smooth muscle cell nitric oxide synthase by acetoxycoumarins'. *Biol. Pharm. Bull.*, 31: 709-13.
- Singh, B.K., Misra, P. and Garg, B.S.** 2007. 'Spectro-thermal characterization of chromium (III) and manganese (II) complexes with carboxamide'. *J. Coord. Chem.* (Taylor & Francis), 60: 2243-65.
2008. 'Cobalt (II) complexes of new biomimetic polydentate amide: Spectroscopic, Kinetics of thermal decomposition and XRPD', *Studies, Spectrochimica Acta.*, A 69 880.
2008. 'Synthesis and spectro thermal studies on group 12 metals coordination with novel carboxamide ligands'. *Spectrochimica Acta.*, A 69 361.
- Patnaik, S., Swami, A., Sethi, D., Pathak, A., Garg, B.S., Gupta, K.C. and Kumar, P.** 2007. 'N-(Iodoacetyl)- N'-(Anthraquinon-2-oyl)-ethylenediamine(LEAD): A New Heterobifunctional Reagent for the Preparation of Biochips'. *Bioconjugate. Chem.* (American Chem. Soc.),18 : 8-12.
- Singh, B.K., Misra, P. and Garg, B.S.** 2007. 'Spectroscopic and thermal investigations of complexes of Cr(III), Mn(II), Zn(II) and Cd(II) carboxamide'. *Transition Metal Chemistry* 32 : 1110.
2007. 'Nickel (II) complexes of new polydentate carboxamide: Spectroscopic, Kinetics of thermal decomposition and XRPD Studies'. *Trans. Met. Chem.* 32 : 603.
- Kaushik, N.K. and Singh, R.** 2008. 'Studies on Organotin (IV) and Organozinc (II) Complexes with Some Dithiocarbamate Schiff Bases'. *Main Group Metal Chemistry*, 31(1).

- Kaushik, N.K. and Mishra, A.K.** 2008. 'Nickel(II) thiohydrazide and thiodiamine complexes: Synthesis, characterization, antibacterial, antifungal and thermal studies'. *Spectrochimica Acta*. Part A: Molecular and Biomolecular Spectroscopy, 69(3).
- Kaushik, N.K., Mishra, A.K., Mishra, S.B. and Manav, N.** 2007. 'Platinum(IV) and palladium(II) thiosemicarbazide and thiodiamine complexes: A spectral and antibacterial study'. *Journal of Coordination Chemistry*, 60(18) : 1923-32.
- Kaushik, N.K., Mishra, A.K. and Mishra, S.B.** 2007. 'Palladium(II) thiohydrazone complexes: synthesis, spectral characterization and antifungal study'. *Journal of Coordination Chemistry*, 60(15): Issue 15, 1691-1700.
- Kaushik, N.K. and Mishra, A.K.** 2007. 'Synthesis, characterization, cytotoxicity, antibacterial and antifungal evaluation of some new platinum (IV) and palladium (II) complexes of thiodiamines'. *European Journal of Medicinal Chemistry*, 42(10) : 1239-46.
- Mohapatra, S. C., Tehlan, S., Hundal, M.S., Mathur, P.** 2008. 'Crystal structure and catalytic activity of copper (II) complex based on a tetradentate bis-benzimidazole diamide ligand'. *Inorganica. Chimica. Acta.* 361: 1897-1907.
- Singla, M., Mathur, P., Gupta, M. and Hundal, M.S.** 2008. 'Oxidation of Electron Deficient olefins using a Copper(II) complex based on a bis- benzimidazole diamide ligand'. *Transition Met. Chem.*, 33: 175-82.
- Upadhyay, S.K., Tehlan, S. and Mathur, P.** 2007. 'Synthesis, Spectral and oxidase studies of a new diamide copper(II) complex with pendant benzimidazolyl groups'. *Spectrochimica Acta*, Part A 66: 347-52.
- Chauhan, S.M.S., Agarwal, S. and Kumari, P.** 2007. 'Synthesis of metal-free phthalocyanines in functionalised ammonium ionic liquids'. *Synth. Commun.*, 37: 2917-25.
- Chauhan, S.M.S. and Kumari, P.** 2007. 'Biomimetic oxidation of metribuzin with hydrogen peroxide catalyzed by 5,10,15,20-tetraarylporphyrinatoiron(III) chlorides'. *Tetrahedron Lett.*, 48: 5035-8.
- Chauhan, S.M.S., Garg, B. and Bisht, T.** 2007. 'Syntheses of calix[4]pyrroles by amberlyst-15 catalyzed cyclocondensations of pyrrole with selected ketones'. *Molecules*, 12: 2458-66.
- Chauhan, S.M.S., Kumari, P. and Agarwal, S.** 2007. 'Efficient synthesis of transition-metal phthalocyanines in functional ionic liquids'. *Synthesis.*, 3713-21.
- Ambika, Singh, P.P. and Chauhan, S.M.S.** 2008. 'Chemoselective esterification of phenolic acids in the presence of sodium bicarbonate in ionic liquids'. *Synth. Commun.*, 38: 928-36.
- Kumari, P., Yathindranath, V. and Chauhan, S.M.S.** 2008. 'Facile and efficient synthesis of 14-alkyl- or aryl-14-H-dibenzo[a,j] xanthenes using sulfonyl-functionalized ionic liquids'. *Synth. Commun.*, 38: 637-48.

- Verma, A., Karar, N., Bakhshi, A.K., Chander, H., Shivaprasad, S.M. and Agnihotry, S.A.** 2007. 'Structural, morphological and photoluminescence characteristics of sol-gel derived nano phase TiO₂ films deposited using citric acid'. *Journal of Nanoparticle Research*, 9: 317-22.
- Sharma, S.N., Sharma, H., Singh, G. and Shivaprasad, S.M.** 2008. *Materials Chemistry and Physics*, 110: 471.
- Singh, P., Bhrara, K. and Singh, G.** 2008. *Applied Surface Science*, 254: 5927.
- Sharma, H., Sharma, S.N., Kumar, U., Singh, V.N., Mehta, B.R., Singh, G., Shivaprasad, S.M. and Kakkar, R.** 2008. *Journal of Materials Science: Materials in Medicine*, 1-8.
- Sharma, H., Sharma, S.N., Singh, G. and Shivaprasad, S.M.** 2007. *Colloid and Polymer Science*, 285: 1213.
- Sharma, H., Sharma, S.N., Singh, G. and Shivaprasad, S.M.** 2007. *Journal of Nanoscience and Nanotechnology* . 7: 1953.
- Dheer, N., Kanojia, R., Chandra, C., Kim, H. and Singh, G.** 2007. *Surface Engineering*. 23: 187.
- Sharma, H., Sharma, S.N., Singh, S., Kishore, R., Singh, G. and Shivaprasad, S.M.** 2007. *Applied Surface Science*. 253: 5325.
- Sharma, R.K., Singh, G., Shul, Y.G. and Kim, H.** 2007. *Physica B: Condensed Matter*, 390: 314.
- Bhrara, K. and Singh, G.** 2007. 'Effect of Allyl Triphenyl phosphonium Bromide on the electrochemical and corrosion behavior of Mild Steel in 0.5M Sulphuric Acid'. *Corrosion Engineering science and technology*, 42: 37-144.
- Khandpur, N., Kim, H.S., Bhrara, K. and Singh, G.** 2007. 'Inhibition of mild steel corrosion in sulfuric acid by Polyvinylpyrrolidone-iodine complex', *Indian Surface Finishing*, IV.
- Rastogi, A.C., Sharma, R.K. and Singh, G.** 2007. 'Growth Mechanism of Cadmium Telluride (CdTe) Thin films under unipolar current pulsed electrodeposition'. *J. Electrochem. Soc.*, USA.
- Dubey, A.K. and Singh, G.** 2007. 'Corrosion Inhibition of Mild Steel using Brij-30, Port.', *Electrochim. Acta*, 25: 205-19.
2007. 'Corrosion Inhibition of Mild Steel in Sulphuric Acid Solution by using Polyethylene Glycol Methyl Ether (PEGME), Port'. *Electrochim. Acta*, 25: 221-35.
2007. 'Corrosion Inhibition of Mild Steel by Using Cetyl Pyridinium Bromide (CPB), Port.'. *Electrochim. Acta*, 25: 249-62.
- Bhrar, K. and Singh, G.** 2008. 'Preliminary investigations of some Triphenyl Phosphonium halides on corrosion behavior of Mild Steel in 0.5M Sulfuric Acid', *Corros. Prot. Mater.* Accepted.

2007. 'End of Life of Vehicles Directive', *Indian Surface Finishing*, Vol. IV, pp. 127-32.
2007. 'Restriction on the use of Hazardous Substances Directive-International and National Scenario', *Indian Surface Finishing*. Vol. IV, pp. 121-6.
- Singh, G.** 2008. 'Corrosion Inhibitors', *International Journal of Corrosion Science Reviews*, Tel Aviv and London, Freund Publishing Co.
- Jain, M., Sakhuja, R., Khanna, P., Bhagat, S. and Jain, S.C.** 2008. 'A facile synthesis of novel unsymmetrical bis-spiro[indole-pyrazolanyl-thiazolidine]-2,4-diones'. *Arkivoc.*, XV: 54-64.
- Gupta, A., Sakhuja R. and Jain, S.C.** 2007. 'Microwave assisted synthesis of 10-(Phthalimidoalkyl)-halosubstituted[3,2-b][1,4]-benzothiazine in dry media'. *Synth. Commun.*, 37: 4059-69.
- Babu, R., Khurana, S., Sakhuja, R., Srivastava, A.K. and Jain, S.C.** 2007. 'A new flavone glycoside from *Zanthoxylum acanthopodium* DC'. *Indian J. Chem.*, 46B: 872-4.
- Sharma, N., Jain, S.K. and Rastogi, R.C.** 2008. 'Solubilization of 5-methoxy Tryptamine Molecular Probes in CTAB and SDS Micelles: A CMC and Binding Constant Study'. *Spectrochim. Acta. Part A: Molecular and Biomolecular Spectroscopy*, 69: 748-56.
- Kumar, J., Singh, R.K., Singh, R. and Rastogi, R.C.** 2008. 'Vikram Kumar Effect of FeCl₃ on the stability of p-conjugation of electronic polymer'. *Corrosion Science*, 50: 301-8.
- Sharma, N., Jain, S.K. and Rastogi, R.C.** 2007. 'Effect of CTAB and SDS Micelles on the Excited State Equilibria of some Indole Probes'. *Spectrochim. Acta. Part A*: 68: 927-41.
2007. 'Solvatochromic Study of Excited State Dipole Moments of Some Biologically Active Indoles and Tryptamines'. *Spectrochim. Acta.* 66A: 171-6.
- Singh, R., Kumar, J., Singh, R.K., Rastogi, R.C. and Kumar, V.** 2007. 'Low frequency ac conduction and dielectric relaxation in pristine poly (3-octylthiophene) films'. *New J. Phys.*, 9: 1-22.
- Kumar, J., Singh, R.K., Kumar, V., Rastogi, R.C. and Singh, R.** 2007. 'Self-assembly of SWCNT in P3HT matrix'. *Diamond and Related Materials*, 16: 446-53.
- Singhal, R. and Datta, M.** 2007. 'Development of Nanocomposites of bentonite with polyaniline and poly (methacrylic acid)'. *J. Appl. Poly. Sci.*, 103, 5: 3299-3306.
2007. 'Synthesis and characterisation of clay-Poly(O-toluidine) nanocomposite: Effects of surfactant on intercalation'. *J. Appl. Poly. Sci.*, 106, 3: 1909-16.
- Arya, S.K., Solanki, P.R., Singh, S.P., Kaneto, K., Pandey, M.K., Datta, M. and Malhotra, B.D.** 2007. 'Poly-(3-Hexylthiophene) self assembled monolayer based cholesterol biosensor using surface plasma resonance technique'. *Biosens. Bioelectron.*, 22: 2516-24.

- Arya, S.K., Prusty, A.K., Singh, S.P., Solanki, P.R., Pandey, M.K., Datta, M. and Malhotra, B.D.** 2007. 'Cholesterol biosensor based on N-(2-Aminoethyl)-3-aminopropyl-trimethoxy-silane self-assembled monolayer'. *Anal. Biochem.* 36: 210-8.
- Pandey, P., Singh, S.P., Arya, S.K., Gupta, V., Datta, M., Singh, S. and Malhotra, B.D.** 2007. 'Application of Thiolated Gold Nanoparticles for Enhancement of Glucose Oxidase Activity'. *Langmuir*, 23: 3333-7.
- Arya, S.K., Pandey, P., Singh, S.P., Datta, M. and Malhotra, B.D.** 2007. 'Dithiobissuccinimidyl Propionate Self Assembled Monolayer Based Cholesterol Biosensor'. *Analyst.*, 132: 1009.
- Arya, S.K., Datta, M., Singh, S.P. and Malhotra, B.D.** 2007. 'Biosensor for Total Cholesterol Estimation Using N-(2-Aminoethyl)-3-Aminopropyl-Trimethoxysilane Self-Assembled Monolayer'. *Analytical and Bioanal. Chem.*, 389: 2235.
- Dhand, C., Singh, S.P., Arya, S.K., Datta, M. and Malhotra, B.D.** 2007. 'Cholesterol Biosensor Based on Electrophoretically Deposited Conducting Polymer Film Derived from Nano-Structured Polyaniline colloidal suspension'. *Anal. Chim. Acta.*, 602: 244-51.
- Arya, S.K., Datta, M. and Malhotra, B.D.** 2008. 'Recent advances in Cholesterol Biosensor'. *Biosens. & Bioelectron.*, 23: 1083-1100.
- Pandey, P., Datta, M. and Malhotra, B.D.** 2008. 'Prospects of Nanomaterials to Biosensors'. *Anal. Lett.*, 41: 157.
- Kakkar, R., Pathak, M. and Gahlot, P.** 2008. 'Effect of aqueous solvation on the structures of pyruvic acid isomers and their reactions in solution: A computational study'. *J. Phys. Org. Chem.*, 21: 23-9.
- Kakkar, R., Dua, A. and Zaidi, S.** 2007. 'Preparation, properties and infrared spectral studies of N-(p-ethylphenyl)thiobenzohydroxamic acid'. *Spectrochimica Acta.*, A 68: 1362-69.
- Kakkar, R., Dua, A. and Gahlot, P.** 2007. 'Metal ion complexes of thioformin: A density functional study'. *Polyhedron*, 26: 5301-08.
- Kakkar, R., Dua, A. and Zaidi, S.** 2007. 'Density functional study of the conformations and intramolecular proton transfer in thiohydroxamic acids'. *Org. Biomol. Chem.*, 5: 547-57.
- Khurana, J.M. and Sharma, V.** 2008. 'A novel synthesis of 2-substituted-2H-imidazo[1,5-b]isoquinoline-1,5-diones by *in-situ* desulfurization'. *Chem. Het. Comp.*, 489: 404-7.
- Sharma, V., Chowdhry, R., Khurana, J.M., and K. Muralidhar, M.** 2008. 'In-gel detection of urease activity by nitroprusside-thiol reaction'. *Phytochem. Anal.*, 19: 99-103.
- Khurana, J.M. and Kumar, S.** 2008. 'Microwave assisted solvent-free oxidation of organic halides using aqueous hydrogen peroxide' *Lett. Org. Chem.*, 5: 317-9.

- Khurana, J.M., Arora, R.S. and Satija, S.** 2007. '7,11-Diaryl-2,4-diazaspiro[5.5]undecane-1,5,9-triones: A new series of heterocycles'. *Heterocycles*, 71: 2709-16.
- Khurana, J.M., Sharma, V. and Chacko, S.A.** 2007. 'Deoxygenation of sulfoxides, selenoxides, telluroxides, sulfones, selenones and tellurones with Mg-MeOH'. *Tetrahedron*, 63: 966-9.
- Kidwai, M., Mishra, N.K., Bansal, V., Kumar, A. and Mozumdar, S.** 2008. 'Ni-nanoparticles usage for the reduction of ketones'. *Catalysis Communications (UK)*, 9: 612-7.
- Kidwai, M., Priya, Rastogi, S. and Singhal, K.** 2007. 'A new microwave-assisted synthetic approach to novel pyrimido[4,5-*d*]pyrimidines'. *Canadian Journal of Chemistry*, (85): 125.
- Kidwai, M., Singhal, K. and Kukreja, S.** 2007. 'One pot green synthesis for pyrimido[4,5-*d*]pyrimidine derivatives'. *Zeitschrift fur Naturforschung B (Germany)*, 62B: 732-6.
- Kidwai, M., Goyal, R. and Singhal, K.** 2007. 'A selective synthesis for novel pyranodipyrimidines'. *Indian Journal of Chemistry*, 46B: 1159-63.
- Kidwai, M., Priya, Rastogi, S. and Singhal, K.** 2007. 'A new synthetic approach to novel pyrimido[4,5-*d*]pyrimidines using microwave'. *Canadian Journal of Chemistry*, 85: 491-5.
- Kidwai, M. and Singhal, K.** 2007. 'Green Synthesis of fused pyrimido derivatives in aqueous medium'. *Journal of Heterocyclic Chemistry (USA)*, 1: 44.
- Kidwai, M., Bansal, V., Kumar, A. and Mozumdar, S.** 2007. 'The first Au-nanoparticles catalyzed green synthesis of propargylamines via a three-component coupling reaction of aldehyde, alkyne and amine'. *Green Chemistry (RSC, London)*. 9: 742-5.
- Kidwai, M. and Mothsra, P.** 2007. 'Microwave-assisted neat reaction for the synthesis of s-triazolo[3,4-*b*]-1,3,4-thiadiazines'. *J. Sulfur Chemistry (UK)*, 28(2): 149-53.
- Kidwai, M. and Singhal, K.** 2007. 'Aqua mediated one-pot synthesis and aromatization of pyrimido fused 1,4-dihydropyridine derivatives using ammonium salts'. *Canadian Journal of Chemistry*, 85: 400-5.
- Kidwai, M., Kukreja, S., Rastogi, S. and Singhal, K.** 2007. 'Microwave Accelerated Multicomponent Synthesis for a Novel Scaffold of Monastrol Analogues'. *Letters in Organic Chemistry (UK)*, 4: 357-61.
- Kidwai, M., Bansal, V., Mishra, N.K., Kumar, A. and Mozumdar, S.** 2007. 'Cu-nanoparticle-Catalyzed A³ Coupling via C-H Activation'. *Synlett*, 1581-4.
- Kidwai, M., Mishra, N.K., Bansal, V., Kumar, A. and Mozumdar, S.** 2007. 'Cu-nanoparticle catalyzed O-arylation of phenols with aryl halides via Ullmann coupling'. *Tetrahedron Letters*, 48: 8883-7.
- Kidwai, M. and Bansal, V.** 2007. 'One-pot regioselective green synthesis of novel quinolines using a reaction technology'. *Letters in Organic Chemistry*, 4: 519-523.

- Kidwai, M., Singhal, K. and Kukreja, S.** 2007. 'One-pot synthesis of novel substituted pyrrolo[2,3-*d*]pyrimidines using dry Media'. *Heteroatom Chemistry*, 18(6): 617-21.
- Kumar, S., Gupta, S. and Chandra, H.** 2007. 'Electronic and Infrared Spectroscopic Studies of Aggregation of Cholesterol', *Spectroscopy Letters*, 40: 1-8.
- Tiwari, D., Deepa, Singh, A. K., Shukla, G., Mishra, P., Chandra, H. and Mishra, A.K.** 2008. 'Synthesis, Characterization and Biological Activity of Schiff Base analogues of indole-3-carboxyaldehyde'. *Eur. J. Med. Chem.*, 43: 160-5.
- Saxena, S., Bansal, A. and Kukreti, S.** 2008. 'Structural polymorphism exhibited by a homopurine.homopyrimidine sequence found at the right end of human c-jun protooncogene'. *Arch. Biochem. Biophys.*, 47: 95-108.
- Mishra, N., Arora, P., Kumar, B., Mishra, L.C., Bhattacharya, A., Awasthi, S.K. and Bhasin, V.K.** 2007. 'Synthesis of Novel substituted 1,3-diaryl propenone derivatives and their antimalarial activity in *vitro*'. *Eur. J. Med. Chem.*, xx, 1-6.
- Singh, J., Hundal, G. and Gupta, R.** 2008. 'Studies on Nickel(II) Complexes with Amide-based Ligands: Syntheses, Structures, Electrochemistry and Oxidation Chemistry'. *Eur. J. Inorg. Chem.*, 2052-63.
- Mishra, A., Ali, A., Upreti, S. and Gupta, R.** 2008. 'Cobalt Co-ordination Induced Functionalized Molecular Clefs: Isolation of {Co^{III}-Zn^{II}} Heterometallic Complexes and their Applications in Beckmann Rearrangement Reactions'. *Inorg. Chem.*, 47: 154-61.
- Mishra, A., Kaushik, N.K., Verma, A.K. and Gupta, R.** 2008. 'Synthesis, Characterization and Anti – bacterial Activity of Cobalt(III) Complexes with Pyridine – Amide Ligands. *Eur. J.*
- Astner, J., Weitzer, M., Foxon, S.P., Schindler, S., Heinemann, F.W., Mukherjee, J., Gupta, R., Mahadevan, V. and Mukherjee, R.** 2008. 'Syntheses, Characterization, and Reactivity of Copper Complexes with Tridentate N-donor Ligands'. *Inorg. Chim. Acta.*, 361: 279-92.
- Sharma, S.K., Upreti, S. and Gupta, R.** 2007. 'Effect of Ligand Architecture on the Structure and Properties of Square–Planer Nickel(II) Complexes of Amide–based Macrocycles'. *Eur. J. Inorg. Chem.*, 3247-59.
- Singh, J., Hundal, G., Corbella, M. and Gupta, R.** 2007. 'Synthesis, Characterization and Structures of Copper(II) Complexes with Amide–based Ligands: Unusual Formation of a Linear Trimer and a Zig–zag Chain and their Contrast Magnetic Behaviour'. *Polyhedron*, 26: 3893-3903.
- Singh, R., Sharma, M., Joshi, P. and Rawat, D.S.** 2008. 'Clinical status of anti-cancer agents derived from marine sources'. *Anti-Cancer Agents-Med. Chem.*, 8: 603-617 [Editorial Board Member Issue].

- Rawat, D.S.** 2008. 'Recent advances in cancer chemotherapy Part-II, Editorial', *Anti-Cancer Agents-Med. Chem.*, 8: 240.
- Singh, R., Sharma, M., Joshi, P. and Rawat, D.S.** 2008. 'Ionic liquids: A versatile medium for Palladium catalyzed reactions'. *J. Braz. Chem. Soc.*, 19: 357-79.
- Rawat, D.S.** 2008. 'Target-directed enediynes: Chemical and biological significance'. *J. Indian Chem. Soc.*, 85: 130-141. *Prof. D. P. Chakraborty 60th Birth Anniversary Commemoration Award.*
2008. 'Recent advances in cancer chemotherapy Part I', *Editorial, Anti-Cancer Agents-Med. Chem.*, 8: 122.
- Rawat, D.S., Krzysiak, A.J. and Gibbs, R.A.** 2008. 'Synthesis and biochemical evaluation of 3,7-disubstituted farnesyl diphosphate analogs'. *J. Org. Chem.*, 73: 1881-7.
- Sharma, M., Agarwal, N. and Rawat, D.S.** 2008. 'Barium nitrate catalyzed one pot synthesis of 1,4-dihydropyridines under solvent free conditions at room temperature'. *J. Heterocyclic Chem.*, 45: 737-9.
- Atheaya, H., Khan, S., Mamgain, R. and Rawat, D.S.** 2008. 'Synthesis, thermal stability, antimalarial activity of symmetrically and asymmetrically substituted tetraoxanes'. *Bioorg. Med. Chem. Lett.*, 18: 1446-9.
- Bisht, G.S., Rawat, D.S., Kumar, A., Kumar, R. and Pasha, S.** 2007. 'Antimicrobial activity of rationally designed amino terminal modified peptides'. *Bioorg. Med. Chem. Lett.*, 17: 4343-6.
- Joshi, M.C., Bisht, G.S. and Rawat, D.S.** 2007. 'Syntheses and antibacterial activity of phendiox substituted cyclic enediynes'. *Bioorg. Med. Chem. Lett.*, 17: 3226-30.
- Rawat, D.S.** 2007. Book chapter on 'Organometallic and Organosulphur Compounds' e-book on 'Organic Chemistry' to be published by National Science Digital Library, NISCAIR.
- Kant, R., Kumar, R. and Yadav, V.K.** 2008. 'Theory of Anomalous Diffusion Impedance on Realistic Fractal Electrodes'. *J. Phys. Chem. C* 112, 4019-23.
- Jha, S.K., Sangal, A. and Kant, R.** 2008. 'Diffusion Controlled Potentiostatic Current Transients on Realistic Fractal Electrodes'. *J. Electroanal. Chem.*, 615: 180-90.
- Kant, R. and Jha, S.K.** 2007. 'Theory of anomalous diffusive reaction rates on realistic self-affine fractals'. *J. Phys. Chem. C* (Letters), 111: 14040-44.
- Shenogin, S., Kant, R., Colby, R.C. and Kumar, S.K.** 2007. 'Dynamics of Miscible Polymer Blends: Predicting the Dielectric Response Macromolecules', 40: 5767-75.
- Bhandari, S., Deepa, M., Singh, S., Gupta, G. and Kant, R.** 2008. 'Redox behavior and optical response of nanostructured poly(3,4-ethylenedioxythiophene) films grown in a camphorsulfonic acid based micellar solution'. *Electrochimica Acta*, 53: 3189-99.

- Deepa, M., Bhandari, S., Arora, M. and Kant, R.** 'Electrochromic response of nanostructured poly(3,4-ethylenedioxythiophene) films grown in an aqueous micellar solution'. *Macromolecular Chemistry and Physics*, 209: 137-49.
- Singh, R.K., Kumar, J., Singh, R., Kant, R., Chanda, S. and Kumar, V.** 2007. 'Micromorphology, photophysical and electrical properties of pristine and ferric chloride doped poly(3-hexylthiophene) films'. *Materials Chemistry and Physics*, 104: 390-6.
- Thirupathi, N., Stricklen, P.M., Liu, X., Oshel, R., Guzei, I., Ellern, A. and Verkade, J.G.** 2007. 'Comparisons of Phosphorus Ligation Properties in $P(CH_2NR)_3P$ '. *Inorg. Chem.*, 46: 9351-63.
- Thirupathi, N., Amoroso, D., Bell, A. and Protasiewicz, J.D.** 2007. 'Reactivity Studies of Cationic Palladium(II) Phosphine Carboxylate Complexes with Lewis Bases: Substitution versus Cyclometalation'. *Organometallics*, 26: 3157-66.
- Singh, B.K., Jetley, U.K., Sharma, R.K. and Garg, B.S.** 2007. 'Synthesis, characterization and biological activity of complexes of 2-hydroxy-3,5-dimethylacetophenoneoxime (HDMAOX) with copper (II), cobalt (II), nickel (II) and palladium (II)'. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* (Elsevier), 68: 63-73.
- Singh, P., Mittal, S. and Sharma, R.K.** 2007. 'Solid Phase Extraction and Estimation of Cadmium using Glycine immobilized cellulose Chelating Resin', *Indian Journal of Chemical Technology*, 14: 204-08.
- Sharma, R.K., Rawat, D. and Pant, P.** 2008. 'Synthesis, Characterization and Catalytic behaviour of Silica supported Zinc Salicylaldimine Complex'. *Journal of Macromolecular Science, Part A: Pure and Applied Chemistry*, 45, 394-9.
- Kumar, A., Kumar, S., Saxena, A., De, A. and Mozumdar, S.** 2008. Ni-nanoparticles: An Efficient Catalyst for the Synthesis of Quinoxalines'. *Catalysis Communications*, 9: 778-84.
- Singh, R., Saxena, A. and Mozumdar, S.** 2008. 'Calcium Phosphate Nanocomposites: Morphological Studies and their Bile Duct Infusion for Liver-Directed Gene Therapy'. *International Journal of Applied Ceramic Technology*, 5: 1-10.
- Saxena, A., Kumar, A. and Mozumdar, S.** 2007. 'Ni-nanoparticles: An Efficient Green Catalyst for Chemo-selective Oxidative Coupling of Thiols'. *Journal of Molecular Catalysis A: Chemical*, 269: 35-40.
- Saxena, A., Kumar, A. and Mozumdar, S.** 2007. 'Ni-nanoparticles: A Mild Chemoselective Catalyst for Synthesis of Thioethers'. *Applied Catalysis A: General*, 317: 210-5.
- Kumar, A., Kumar, S., Saxena, A., De, A. and Mozumdar, S.** 2007. 'Selective Protection of Carbonyl Compounds over Nano-Sized Nickel Catalysts'. *Catalysis Letters*, available online.

Vats, I.D., Dolt, K.S., Kumar, K., Karar, J., Nath, M., Mohan, A., Pasha, M.A.Q. and Pasha, S. 2008. 'YFa, a Chimeric Opioid Peptide, Induces Kappa-Specific Antinociception with No Tolerance Development during 6 Days of Chronic Treatment'. *J. Neurosci. Res.*, 86: 1599-607.

Hemant, V. and Tharanikkarasu, K. 2008. 'Synthesis and characterization of novel polystyrene-b-polyurethane-b-polystyrene tri-block copolymers through atom transfer radical polymerization'. *Polym. Intl.*, 58: 226-32.

Tharanikkarasu, K., Hemant, V., Wonbong, J., Seok Kyu, L., Jongchul, S., Sanghyun, B. and Haksoo, H. 2008. 'Polymethyl methacrylate-polyurethane-polymethyl methacrylate tri-block copolymers through atom transfer radical polymerization'. *J. Appl. Polym. Sci.*, 108: 1538-44.

Seok Kyu, L., Won-Bong, J., Tharanikkarasu, K. and Haksoo, H. 2007. 'Sulfonated Polyimide and Poly (ethylene glycol) diacrylate based Semi-Interpenetrating Polymer Network Membranes for Fuel Cells'. *J. Appl. Polym. Sci.*, 104: 2965-72.

Dr. B.R. AMBEDKAR CENTRE FOR BIOMEDICAL RESEARCH

Major Activities

The first phase of the 'Catch Them Young' programme with CSIR was completed successfully. The success of the programme prompted CSIR to extend the fellowships to the top 10 students each of M.Sc. Previous and Final year.

In the academic year 2007-08, approximately 90% of the M.Sc. students cleared the NET examination and in addition, of the every lab. received one or more ICMR-SRF.

Ph.D. Degrees awarded

Ph.D. - 28

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Analysis of repeat expansion and epigenetic modifications around triplet repeat regions using transgenic mice.	Prof. Vani Brahmachari	CSIR
Functional Analysis of DINO80, a chromatin remodelling protein through P element excision and RNAI mediated gene silencing using transgenic approach.	Prof. Vani Brahmachari	CSIR

Development of reagents for easy visualization of PCR products for the prototype kit developed for detection of <i>Neisseria gonorrhoeae</i> and <i>Chlamydia trachomatis</i> .	Dr. Daman Saluja	DBT
Studies on the interaction of topoisomerase II and peptidyl prolyl isomerase (Pin1) in established mammalian cell lines.	Dr. Daman Saluja	INMAS

Honours/Distinctions

Dr. A.K. Verma: Awarded BOYSCAST fellowship, USA.

Dr. Vibha Tandon: Awarded fellowship for three months visit to Prof. Michael J. Gait's laboratory, Cambridge University, Cambridge, U.K., under the Bilateral Exchange Programme of INSA with the Royal Society, U.K. (2007-2008).

Seminars/Conferences attended

Shuchita Wason, Arush Chabra, Seema Singh, Uma Chaudhary, Mridula Bose and Daman Saluja: 'Identification of substrates of signal peptidase II (*lspA*) enzyme of *Mycobacterium tuberculosis* (H37Rv) through biochemical approach'. Keystone symposia, USA, 2007.

Vineet Kumar, Mashook Ali, Harish Batra, Leena Vig, Nidhi Bansal and Daman Saluja: 'Differential regulation of neuronal genes by the chromatin remodellor protein MTGR1 and ETO involved in the Neurodegenerative diseases pathway by microarray analysis'. Presentation at EMBO Conference on Chromatin and Epigenetics, EMBL Heidelberg, 3-6 May 2007.

Achchhe Lal Patel, Divya Sachdev, Aruna Mittal and Daman Saluja: 'Cloning, Expression, Purification And Characterisation of Pkn1 And Momp-Potential Vaccine Candidates For Chlamydia Trachomatis' at 17th International Society for Sexually transmitted disease research, Seattle, Washington, USA, 29 July-1 August 2007.

Nidhi Bansal, Leena Vig, Raisha, Vani Brahmachari and Daman Saluja: Presented paper 'Characterisation of Domain of Interaction Between Human p53 and Human Sin3B Using Yeast Two Hybrid Assays', at the 47th Annual Meeting of the American Society for Cell Biology, Washington, DC, USA, 2007.

Harish Batra, Vineet Kumar and Daman Saluja: Presented a paper 'Cloning, Expression, and Identification of Interacting Partner Proteins of Transcription Corepressor Human Sin3B', a paper Washington, DC, USA, 2007.

Pratibha Mehta Luthra, Sandeep Kumar Barodia, Amresh Prakash and Ramraghubir: Presented a paper cDNA-derived amino acid sequence from rat brain A_{2a}R possesses conserved motifs PMNYM of TM 5 domain involved in dimerization of A_{2a}R. Pattern Recognition in Bioinformatics', NTU Singapore, 1 October 2007.

Dr. Daman Saluja and Dr. Madhu Chopra: Attended the 2nd International Symposium on 'Translational Research on Natural Products and Cancer', Lonawala, Mumbai, 9-12 December 2007.

Dr. Madhu Chopra: Attended the 12th ISCB Conference (ISCBC-2008) International Conference on 'The Interface of Chemistry-Biology in Biomedical Research', BITS Pilani, 22-24 February 2008.

Dr. Daman Saluja, Dr. Pratibha M. Luthra and Dr. Madhu Chopra: Participated in 7th Annual Symposium (FBR 2008), Workshop on 'Bioinformatics and Molecular Modelling in Drug Design', ACRB, 28-30 January 2008.

Publications

Sharma, P., Kumar, J., Garg, G., Kumar, A., Patowary, A., Karthikeyan, G., Ramakrishnan, L., Brahmachari, V. and Sengupta, S. 2008. 'Detection of Altered Global DNA Methylation in Coronary'. *Artery Disease Patients. DNA And Cell Biology*, 27.

Mishra, A.K., Mishra, S.B., Manav, N., Kumar, R., Sharad Chandra R., Saluja, D. and Kaushik, N.K. 2007. 'Platinum (IV) thiohydrazide, thiodiamine and thiohydrazone complexes: A spectral, antibacterial and cytotoxic study'. *Spectrochim Acta. A Mol Biomol Spectrosc.*, 66(4-5): 1042-7.

Seema. Kumari R., Gupta, G., Saluja, D., Kumar, A., Goel, S., Tyagi, Y.K., Gulati, R., Vinocha, A., Muralidhar, K., Dwarakanth, B.S., Rastogi, R.C., Parmar, V.S., Patkar, S.A. and Raj, H.G. 2007. 'Characterization of protein transacetylase from human placenta as a signaling molecule calreticulin using polyphenolic peracetates as the acetyl group donors'. *Cell Biochem. Biophys.*, 47(1): 53-64.

Seema, Kumari R., Raj, H.G., Gupta, G. and Saluja, D. et. al. 2007. 'Microsomal Acetoxy Drug: Protein Transacetylase of Human Placenta. Characterization of Transacetylase as the Calreticulin Mediating Protein Acetylation Independent of Acetyl CoA'. *Cell Biochem Biophys.*, 47: 53-64.

Tawar, U., Bansal, S., Shrimal, S., Singh, M. and Tandon, V. 2007. 'Nuclear condensation and Free radical Scavenging: A Dual Mechanism of Bisbenzimidazoles to Modulate Radiation Damage to DNA'. *Mol. Cell. Biochem.*, 305(1-2), 221-3.

Murali, Y.K., Anand, P., Tandon, V., Singh, R., Chandra, R. and Murthy, P.S. 2007. 'Long term effects of *Terminalia chebula* Retz. on hyperglycemia and associated hyperlipidemia, tissue glycogen content and *in vitro* release of insulin in streptozotocin induced diabetic rats'. *Experimental and clinical Endocrinology & Diabetes*, 115, 1-6.

Books

Chopra, M., 2008. *Medicinal Chemistry*. New Delhi: ANE Books India (CRC Press).

GEOLOGY

Major Activities

Prof. Tandon inferred a period of climatic instability that included the younger Dryas, in the Belan sections of the southern Ganga plains. He has also found that the last displacement associated with the Jhajara thrust, a neotectonic structure in the Pinjaur Dun of the NW. Himalayas, occurred before $\sim 55.7 \pm 6$ ka BP. Prof. C.S. Dubey's studies on the ground water of Rajnandgaon area and NCR-Delhi have revealed >500 ppb As in wells upto 5-20 m. He has also delineated two NW-SE trending faults which cut across the Mahendragarh fault and Delhi-Hardwar ridge fault in East of Delhi at Rohtak and Sonapat, respectively where a number of earthquakes have been reported recently. Dr. A. Chattopadhyay has worked on a highly innovative project on 'digital mapping' and structural analysis of a classical continental basement shear zone – the Canisp Shear Zone in N.W. Scotland. Dr. D.K. Sinha has refined the Global Cenozoic Time Scale by providing bio-magnetostratigraphy for the Pliocene-Pleistocene time interval from the Eastern Indian Ocean and its correlation from the world ocean. He has also documented teleconnections between northern hemisphere glaciation and faunal turnover in the Eastern Indian Ocean. Dr. Rajeev Saraswat has established that throughout most of the last 137,000 years, the Indian Ocean was the centre of an Oceanic Warm Pool instead of the Western Pacific Ocean. He has also contributed towards development of a novel technique to infer hypoxic seawater conditions.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	4
M.Phil.	-	1

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Geological and geochemical mapping of Arsenic contamination of groundwater in the Central Indian Province with special reference to seasonal and temporal variation of arsenic level in relation to public health hazards.	Prof. C.S. Dubey	UGC
Gold Metallogeny: An Integrated Approach through Petrological-Geochemical-structural studies in some less known potential prospects.	Prof. M. Deb Dr. V. Balaram	DST

Study of corrosion mechanism in Borosilicate nuclear waste glass Mumbai for long term performances assessments in geological repository.	Prof. J.P. Srivastava	BARC,
Paleomagnetic, compositional and tectonomagmatic setting of basaltic lava sequence from Mandla Lobe of the Eastern Deccan volcanic province.	Prof. J.P. Srivastava	DST
Petrochemistry and petrogenesis of mafic dykes from the Eastern Deccan volcanic province between Narmada-Son and Tapti lineaments.	Prof. J.P. Srivastava	DST
Magmatism and hydrothermal activity on the fast spreading East Pacific Rise.	Prof. J.P. Srivastava	DST
Interfluvial stratigraphy, sedimentology, and geochemistry of the central and southern Ganga Plains.	Dr. P. Srivastava	DST
Pedosedimentary evolution of quaternary alluvial fans of Kangra Intermontane Basin, N.W. Himalayas.	Dr. P. Srivastava	DST
variability of Indian monsoon since Last Glacial Maximum (LGM) based Ahmedabad on quantitative and stable isotopic analyses of depth related planktic foraminiferal assemblage from Western Arabian Sea and Bay of Bengal.	Dr. D.K. Sinha	PRL,
Holocene climatic changes based on planktic foraminiferal variation from ODP Hole 723 (leg 117), Oman margin Western Arabian Sea.	Dr. D.K. Sinha	D.U.
Systematic of late Neogene Planktic foraminifera from eastern Indian Ocean.	Dr. D.K. Sinha	D.U.
Inherent geological control on the stream power distribution pattern and its effect on river types and processes.	Dr. V. Jain	D.U.

Inferring regional paleoclimatic changes in Antarctica from lake sediments, and understanding the link between climatic changes in Antarctica and the Indian sector of the Southern Ocean.	Dr. Rajeev Saraswat	NCAOR, Goa.
Paleoclimatic inferences from the surface and subsurface sediments collected from selected Antarctic lakes.	Dr. Rajeev Saraswat	D.U.
High-resolution productivity changes from the northeastern Indian Ocean during the Late Quaternary period.	Dr. Rajeev Saraswat	D.U.

Programmes taken up involving Inter-institutional Collaboration

Indo-Hungary Project titled 'Neotectonic vs. Climatic control on river dynamics and landscape evolution during the Late Pleistocene – Holocene: Comparison of the Koros Basin (Hungary) and the Ganga-Yamuna Plains, Himalayan foreland (India)'.	Prof. S.K. Tandon	DST
Be ¹⁰ studies in Sikkim Himalayas (in Collaboration with Nuclear Science Centre, Delhi).	Prof. C.S. Dubey	NSC, UGC
Variability of Indian Monsoon since Last Glacial Maximum based Ahmedabad on quantitative and stable isotopic analyses of depth related planktic foraminiferal assemblage from Western Arabian Sea and Bay of Bengal. (in Collaboration with PRL, Ahmedabad).	Dr. D.K. Sinha	PRL,
Trace elements and Nd-Sr-Pb Isotopic compositional studies on basalts from eastern Deccan volcanic province (in Collaboration with University of Hawaii).	Prof. J.P. Srivastava	

Corrosion mechanism in the natural and borosilicate nuclear waste glass for long term performances assessments in the geological repository. (in Collaboration with BARC, Mumbai).

Prof. J.P. Srivastava

BARC,
Mumbai

Inferring regional paleoclimatic changes in Antarctica from lake sediments, and understanding the link between climatic changes in Antarctica and the Indian sector of the Southern Ocean. (in collaboration with NCAOR, Goa and Ministry of Earth Sciences, New Delhi).

Dr. Rajeev Saraswat
Dr. N. Khare
Dr. A. Mazumder
Shri P. Govil

NCAOR,
Ministry of
Earth Sciences,
Goa.

New Addition

Dr. V. Jain - Reader

Honours/Distinctions

Prof. C.S. Dubey: Visiting Professor in the Grenoble University, France.

Dr. A. Chattopadhyay: Selected for the Royal Society International Visiting Fellowship to work at Durham University, UK.

Dr. P. Srivastava: Selected for the ACU Titular Fellowship 2007 to work at Oxford University Centre for Environment, UK.

Prof. S.K. Tandon: Elected Vice-President of the Geological Society of India.

Serving as President of the Indian Association of Sedimentologists.

Elected to the Council of IUGS.

Elected Chairperson of the Young Scientists Committee (Earth Sciences) of the DST.

Dr. D.K. Sinha: Co-Chaired Technical Session at the Micropaleontology Colloquium, BSIP, Lucknow.

Publications

Books

Dubey, C.S. et. al. 2007. *Existing Tools and Mapping Software's in Geospatial applications*. Delhi: ABC press, p. 102.

Sinha, D.K. 2007. *Micropaleontology: Application in Stratigraphy and Paleoceanography*. New Delhi & Oxford, UK Alpha Science International, Narosa Publishing House Pvt. Ltd.

Articles in Journals/Periodicals

Nigam, R. and Saraswat, R. 2007. 'Marine Micropaleontological Studies from the Northern Indian Ocean', Special Volume, *Indian Journal of Marine Sciences*, Vol. 36, No. 4.

Singh, V. and Tandon, S.K., Singh, V., Malay Mukul and Edit-Thamó Bozsó. 2008. 'Geometry and development of the Jhajara Thrust: An example of neotectonic activity in the Pinjaur Dun, NW Himalaya'. *Curr. Sci.*, 94: 623-8.

Gibling, M.R., Sinha, R., Roy, N.G., Tandon, S.K. and Jain, M. 2008. 'Quaternary fluvial and eolian deposits on the Belan River, India: Paleoclimatic setting of Paleolithic to Neolithic archeological sites over the past 85,000 years'. *Quat. Sci. Rev.*, 27: 391-410.

Shrivastava, J.P. and Pujari, G.N. 2007. 'Co-Mo anomalies in the deciduous taxa associated with the Malanjhand granitoid, Madhya Pradesh'. *J. Geol. Soc. India.*, 70: 641-57.

Nagar, J., Shrivastava, J.P., Kumar, R., Chandra, U., Rathi, B., Rana, S.V.S. and Ahmad, K. 2007. 'Urban air pollution: A global health problem-A review'. *Bull. Env. Sci.*, 25: 201-23.

Sinha, D.K. and Singh, A.K. 2007. 'Surface Circulation in the Indian Ocean during last 5 million years: Planktic foraminiferal evidences'. *Indian J. Mar. Sci.*, 35: 342-50.

Chattopadhyay, A. and Ghosh, N. 2008. 'The initiation and linkage of surface fractures above a buried strike-slip fault: An experimental approach'. *J. Earth Syst. Sci.*, 117: 23-32.

2007. 'Polyphase deformation and garnet growth in pelitic schists of Sausar Group in Ramtek area, Maharashtra, India: A study of porphyroblast-matrix relationship'. *J. Earth Syst. Sci.*, 116: 423-32.

Srivastava, P., Singh, A.K., Parkash, B., Singh, A.K. and Rajak, M. 2007. 'Paleoclimatic implications of micromorphic features of Quaternary Paleosols of NW Himalayas and polygenetic soils of the Gangetic Plains-A comparative study'. *Catena.*, 70: 169-84.

Jain, V., Fryirs, K. and Brierley, G. 2008. 'Where do floodplains begin? The role of total stream power and longitudinal profile form on floodplain initiation processes'. *Geol. Soc. America, Bull.*, 120: 127-41.

Saraswat, R., Nigam, R., Weldeab, S. and Mackensen, A. 2007. 'The tropical warm pool in the Indian Ocean and its influence on ENSO over the past 137,000 yr BP'. *Curr. Sci.*, 92: 1153-6.

Saraswat, R., Khare, N., Chaturvedi, S.K. and Rajakumar, A. 2007. 'Seawater pH and planktic foraminiferal abundance: Preliminary observations from the western Indian Ocean'. *Curr. Sci.*, 93: 703-6.

Nigam, R., Mazumder, A., Henriques, P.J. and Saraswat, R. 2007. 'Benthic foraminifera as proxy for oxygen-depleted conditions off central west coast of India'. *J. Geol. Soc. India*, 70: 1047-54.

Linshy, V.N., Rana, S.S., Kurtarkar, S., Saraswat, R. and Nigam, R. 2007. 'Appraisal of laboratory culture experiments on benthic foraminifera to assess/develop paleoceanographic proxies'. *Indian J. Mar. Sci.*, 36: 301-21.

Khare, N., Saraswat, R. and Chaturvedi, S.K. 2007. 'On the intriguing relationship between seawater salinity and $d^{18}O$ of *Globigerina bulloides* at higher latitudes'. *J. Indian Geophys. Union.*, 11: 73-8.

2008. 'Assessing the applicability of $\delta^{18}O$ *Globigerina bulloides* to estimate paleotemperature from the southwestern Indian Ocean'. *Curr. Sci.*, 94: 255-8.

Articles in Edited Books

Tandon, S.K. and Sinha, R. 2008. 'Geology of large river systems'. In: *Large Rivers: Geomorphology and Management*, (ed.) Gupta, A. John Wiley and Sons, UK: pp. 7-28.

Shekhar, S., Saklani, P.S. and Bhola, A.M. 2007. 'Vertical folds and mesoscopic fabrics in Srinagar area, Garhwal Himalaya'. In: *Himalaya (Geological Aspects)*, (ed.) Saklani, P.S., Vol. 5, pp. 199-210.

Sinha, D.K. and Singh, A.K. 2007. 'Episodes of weakening of Leeuwin Current during Quaternary: Isotopic and planktic foraminiferal evidence'. In: *Micropaleontology: Application in Stratigraphy and Paleoceanography*, New Delhi & UK: Alpha Science International, Narosa Publishers, pp. 303-12.

Srinivasan, M.S. and Sinha, D.K. 2007. 'Early Miocene Microtektites from Indian Ocean: Geological implications'. In: *Micropaleontology: Application in Stratigraphy and Paleoceanography*. New Delhi & U.K.: Alpha Science International, Narosa Publishers, pp. 227-37.

HOME SCIENCE

Major Achievements

The year 2007 marked the 75th year for the discipline of Home Science. The pioneering efforts of the Department bearing the flagship of Home Science were placed for public debate in a Platinum Jubilee conference 'Epigenesis: Empowerment for Excellence in Home Science'.

Ph.D. Degrees awarded

Ph.D. - 5

Seminar/Conference held

A three-day conference titled 'Epigenesis - Empowerment for Excellence in Home Science' was held to mark 75 years of the discipline of Home Science, 4-6 October 2007.

Honours/Distinctions

Prof. H.P. Singh: Invited by the German Academic exchange service (DAAD) to visit the University of Stuttgart and Max Planck Institute for Astronomy, Heidelberg.

Seminars/Conferences attended

Prof. Sanjay Jain: Presented an invited talk titled, 'Large-scale biological networks and systems biology', International Conference on 'Living Technology', European Centre for Living Technology, Venice, Italy, 25-26 May 2007.

Presented two invited talks titled, 'Introduction to networks and graphs' and 'Large scale structure, dynamics and design characteristics of the genetic regulatory system that regulates metabolism', Summer school on 'Statistical mechanics of gene regulation', Jacobs University, Bremen, Germany.

Presented an invited talk titled, 'Origin of Homeostasis and flexibility: A computational study of E. coli's genetic network', at the Discussion Meeting on 'Phenotypic and Developmental Plasticity', organised by 'Indian Academy of Science, Bangalore', Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore and Rajiv Gandhi Centre for Biotechnology, Trivandrum, Estuary Island, Trivandrum, 16-20 December 2007.

Presented an invited talk titled, 'Architecture and dynamics of a large-scale gene regulatory network', at Conference on 'Non-Equilibrium Phenomena in Condensed matter', Indian National Science Academy, New Delhi, 21-23 February 2008.

Dr. Vinay Gupta: Invited Lecture, at the National Seminar on Electroceramics, GVM Girls College, Department of Physics, Sonapat, Haryana, 5-6 November 2007.

Invited Lecture, National Seminar on 'Bio, Nano-Technology and Engineering Materials', Delhi College of Engineering, Delhi, 12 October 2007.

Invited lecture, Conference on 'Recent advances in Nanoscience and Nanotechnology', Institute of Technology & Management, Gurgaon, October 2007.

Presented an invited talk at the 'Conference on 'Development and Application of Nanomaterials', Chung Yuan Christian University, Chung-li, Taiwan, 19 October 2007.

Publications

Matharu, Z., Sumana, G., Arya, S., Singh, S., Gupta, V. and Malhotra, B.D. 2007. 'Polyaniline Langmuir-Blodgett Film Based Cholesterol Biosensor', *Langmuir*, 23: 13188.

Singh, A., Sreenivas, K., Katiyar, R.S. and Gupta, V. 2007. 'Evidence of pseudo cubic structure in Sol-Gel Derived $Pb_{1-x}Ca_xTiO_3$ ($x=0.35-0.48$) ceramic by dielectric and Raman spectroscopy', *J. Appl. Phys.*, 102: 074110.

Kulshreshtha, U. and Kulshreshtha, D.S. 2007. 'Gauge-invariant reformulation of the vector Schwinger model with a photon mass term and its Hamiltonian, path integral and BRST formulations'. *Int. J. Mod. Phys.*, A22: 6183-201.

- Kulshreshtha, D.S.** 2007. 'Light-front quantization of the Polyakov D1 brane action with a scalar dilaton field, invited talk at Light Cone 2007 Relativistic Hadronic and Nuclear Physics (LC 2007: Columbus, Ohio, e-Print: arXiv:0711.1342 [hep-th]).
- Yadav, H.K., Sreenivas, K., Gupta, V. and Katiyar, R.S.** 2007. 'Defect induced activation of Raman silent modes in rf co-sputtered Mn doped ZnO thin films', *J. Phys. D: Appl. Phys.*, 40: 6005.
- Singh, S.P., Arya, S.K., Pandey, P., Malhotra, B.D., Saha, S., Sreenivas, K. and Gupta, V.** 2007. 'Cholesterol biosensor based rf sputtered Zinc oxide nanoporous thin film', *Applied and Physics Letter*, 91: 063901, 20 Aug. 2007. *Virtual J. Nanoscale Science & Technology*.
- Dewan, N., Sreenivas, K. and Gupta, V.** 2007. 'Influence of α -radiation doses on the properties of TeO₂ (x = 2 to 3) thin film', *J. Appl. Phys.*, 102 : 044906. and 'Virtual Journal of Nanoscale Science & Technology', 10 Sep, 2007.
- Dewan, N., Singh, S.P., Sreenivas, K. and Gupta, V.** 2007. 'Influence of temperature stability on the sensing properties of SAW NO_x sensor'. *Sensors and Actuator*, B 124: 329.
- Yadav, H.K., Sreenivas, K. and Gupta, V.** 2007. 'Enhanced Response from metal/ZnO bilayer Ultraviolet (UV) photodetector', *Applied Physics Letter*, 90: 172113.
- Yadav, H.K., Sreenivas, K., Gupta, V., Singh, S.P. and Katiyar, R.S.** 2007. 'Effect of surface defects on the visible emission from ZnO nanoparticles', *J. Mater. Res.*, 22: 2404.
- Dewan, N., Sreenivas, K. and Gupta, V.** 2007. 'Properties of crystalline α -TeO₂ thin film', *J. Crystal Growth*, 305: 237.
- Arora, A., Arora, A., Dwivedi, V.K., George, P.J. and Gupta, V.** 2007. 'Effect of post deposition annealing temperature on the properties of ZnO films prepared by RF magnetron sputtering'. in Proc. of International Workshop on 'Physics of Semiconductor Devices, pp. 500-03, December 2007 (IWPSD 2007), Mumbai.
- Kumari, S., Singh, A.P., Tripathi, C., Chauhan, D., Das, S., Srivastav, R., Gupta, V., Sreenivas, K. and Satsangi, V.R.** 2007. 'Enhanced Photoelectrochemical response of Zn doped Hematite', *International J. Photoenergy*, 87467.
- Singh, S., Samal, A., Giri, V., Krishna, S., Raghuram, N. and Jain, S.** 2007. 'A universal power law and proportionate change process characterize the evolution of metabolic networks'. *Euro. Phys. Jour.*, B 57: 75-80.
- Samal, A. and Jain, S.** 2008. 'The regulatory network of E. coli metabolism as a Boolean dynamical system exhibits both homeostasis and flexibility of response'. *BMC Systems Biology*, 2: 21.
- Ramakumar, R., Das, A.N. and Sol. S.** 2007. 'Studies of bosons in optical lattices in a harmonic potential'. *The European Physical Journal-D.*, 42: 309-16.

Abazov, V.M. et. al. 2007. 'Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions using dilepton events'. *Phys. Rev. D.*, 76: 052006.

2007. 'Search for single production of scalar leptoquarks decaying into muons and quarks', *Phys. Lett. B.*, 647: 74.

2007. 'Measurement of the $p\bar{p} \rightarrow t\bar{t}$ production cross section at $\sqrt{s}=1.96$ TeV in the fully hadronic decay channel'. *Phys. Rev. D.*, 76: 072007.

2007. 'Search for Techniparticles Decaying into e +jets at DZero', *Phys. Rev. Lett.*, 98: 221801.

2007. 'Evidence for production of single top quarks and first direct measurement of $|V_{tb}|$ ', *Phys. Rev. Lett.*, 98: 181802.

2007. 'Measurement of the charge asymmetry in semileptonic B_s decays', *Phys. Rev. Lett.*, 98: 151801.

2007. 'Lifetime difference and CP-violating phase in the B_s system', *Phys. Rev. Lett.*, 98: 121801.

2007. 'Search for production of single top quarks via tgc and tug flavor-changing neutral currents at the Tevatron', *Phys. Rev. Lett.*, 99: 191802.

2007. 'Measurement of the top quark mass in the lepton+jets channel using the Ideogram Method', *Phys. Rev.*, D 75: 092001.

2007. 'Measurement of the shape of the boson rapidity distribution for $p\bar{p} \rightarrow Z/\gamma^* \rightarrow eeX$ ', *Phys. Rev.*, D 76: 012003.

2007. 'Combined D_0 Measurements Constraining CP-violating Phase and Width Difference in the B^0_s System', *Phys. Rev.*, D 76: 057101.

2007. 'Study of the decay $B_s \rightarrow D_s^{(*)} D_s^{(*)}$ ', *Phys. Rev. Lett.*, 99: 241801.

2007. 'Search for a Higgs boson produced in association with a Z boson', *Phys. Lett.*, B 655: 209.

2007. 'Search for stopped gluinos from $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV', *Phys. Rev. Lett.*, 99: 131801.

2007. 'Search for third generation leptoquarks in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV', *Phys. Rev. Lett.*, 99: 061801.

2007. 'Zgamma production and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV', *Phys. Lett.*, B 653: 378.

2007. 'Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using kinematic characteristics of lepton + jets events', *Phys. Rev.*, D 76: 092007.

2008. 'Search for the lightest scalar top quark in events with two leptons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV', *Phys. Lett.*, B 659: 500.

2007. 'Measurement of the $pp(\bar{p}) \rightarrow WZ+X$ Cross Section at $\sqrt{s}=1.96$ TeV and Limits on WWZ Trilinear Gauge Couplings'. *Phys. Rev.*, D 76: 111104R.
2007. Search for $B_s^0 \rightarrow \mu^+\mu^-$ at D0 *Phys. Rev.*, D 76: 092001.
2008. 'Measurement of the muon charge asymmetry from W boson decays', *Phys. Rev.*, D 77: R011106.
2008. 'Search for Randall-Sundrum Gravitons with 1 fb⁻¹ of Data from ppbar Collisions at $\sqrt{s}=1.96$ TeV', *Phys. Rev Lett.*, 100: 091802.
2008. 'Search for W' bosons decaying to an electron and a neutrino with the D0 detector', *Phys. Rev Lett.*, 100: 031804.
2008. 'Search for Supersymmetry in Di-photon Final States at $\sqrt{s}=1.96$ TeV', *Phys. Lett.*, B 659: 856.
2008. 'Model-independent measurement of the W boson helicity in top quark decays at D0', *Phys. Rev. Lett.*, 100: 062004.
2008. 'Observation and Properties of the Orbitally Excited Bs2* Meson', *Phys. Rev. Lett.*, 100: 082002.
- Rath, S., Kumar, M., Shukla, A.K., Mavi, H.S., Kabiraj, D. and Avasthi, D.K.** 2007. 'Swift heavy ion modification of Ge oxide by Ag ions and evidence of nanocrystal formation'. *Nucl Inst. and Meth. in Phys. Res. B*.
- Islam, S.S., Shah, K.A., Mavi, H.S., Shukla, A.K., Rath, S. and Harsh.** 2007. 'Raman study on single-walled carbon nanotubes with different laser excitation energies'. *Bull. Mater. Sci.*, 30: 295.
- Solyak, N., Gonin, I., Latina, A., Lunin, A., Ranjan, K. and Yakovlev, V.** 2008. 'RF Kick in the ILC acceleration structure', European Particle Accelerator Conference (EPAC,' 08), Genoa, Italy.
- Kumar, M., Mavi, H.S., Rath, S. and Shukla, A.K.** 2008. 'Optical spectroscopy of laser-etched Ge quantum dots', *Physica.*, E 40 2904.
- Kanseri, B., Bisht, N.S., Rath, S. and Kandpal, H.C.** 2008. 'Experimental observation of the Fresnel and Arago laws using Mach-Zehnder interferometer', *Am. J. Phy.*, 76: 39.
- Tewari, S.P., Silotia, P., Saxena, A. and Gupta, L.K.** 2007. 'Effect of three-body interaction in strongly interacting Bose-Einstein condensate of in isotropic and highly anisotropic magnetic trap'. *Indian Journal of Pure and Applied Physics*, 45: 173-9.
2007. 'Vortices in the Bose-Einstein condensate in the presence of higher order energy corrections including three-body interactions for large values of gas parameter'. *Solid State Communications*, 143: 337-42.

- Tewari, S.P., Dhingra, G., Silotia, P. and Sood, J.** 2008. Theory of collective dynamics of liquid polyvalent metal: *Hg. Phys. Lett.*, A 368: 412-8.
2008. Theory of collective motion in interacting gas of polyvalent Hg atoms at 3.0, 6.3 and 9.0 particles per nm³. *Journal of Non-crystalline Solids.*, 354: 3078-84.
- Singh, H.P., Singh, S.J., Gupta, R. and Yuasa, M.** 2007. 'Filling gaps in the Indo-US stellar spectral library using artificial neural networks and principal component analysis'. Proc. IAU Symposium 241, Cambridge: University Press, 101.
- Ranade, A., Singh, H.P., Gupta, R. and Ashok, N.M.** 2007. 'A near-infrared stellar spectral library: II. K-band spectra'. *Bulletin of the Astronomical Society of India*, 35, 87.
2007. 'A near-infrared stellar spectral library: III. J-band spectra'. *Bulletin of the Astronomical Society of India*, 35, 359.
- Gupta, R., Singh, S.J. and Singh, H.P.** 2007. 'Cross-checking the reliability of some available stellar spectral libraries using ANN', Proc. IAU Symp. 241, Cambridge: University Press, 93.
- Gupta, K., Prasad, A., Saikia, E. and Singh, H.P.** 2008. 'Analysis of Solar Wind Flow during an Activity Cycle'. *Planetary & Space Science*, 56, 530.
- Pal, P.H., Singh, H.P., Chan, K.L. and Srivastava, M.P.** 2008. 'Turbulent Compressible Convection with Rotation – Penetration above a convection zone'. *Astrophysics & Space Science*, 314 : 231.
- Bora, A., Gupta, R., Singh, H.P., Murthy, J., Mohan, R. and Dourah, K.** 2008. 'A three-dimensional automated classification scheme for the TAUVEK data pipeline'. Monthly Notices of Royal Astronomical Society, 384 : 827.
- Tewari, S.P., Dabas, S. and Saxena, A.** 2008. 'On the excess specific-heat of single-walled carbon-nanotube ropes due to adsorption of helium atoms in the temperature range 2-20 K'. *Journal of Nanophotonics*, 2: 023503.

ZOOLOGY

Major Activities

The current research and teaching in the Department include Animal Physiology, Animal Behaviour, Aquaculture, Cell Signalling, Endocrinology, Microbiology, Genomics and Metagenomics, Molecular Cell Biology, Chromatin and Cancer Biology, Radiation Biology, Reproductive Physiology and Toxicology. In 2007, two faculty members were elected as fellows of the National Academy of Agricultural Sciences. Faculty members are also on the editorial board and/or as adhoc reviewers for many prestigious national and international journals and members of project advisory committees (PAC) of DST and DBT. All faculty members have extramural funding for their research projects and the Department has six

international collaborations with Austria (FAO/IAEA), USA (INDO/US), Switzerland (EAWAG- EPFL, UNIL), Mexico (CIBNOR) and Australia (CSIRO). The Department of Zoology is one of the nine institutes in the country that have been chosen by DBT to associate with M/s. Nicholas Piramal Research Centre, Mumbai, to use high through-put screens for the discovery of new bio-molecules.

Honours/Distinctions

Prof. K. Muralidhar: Awarded Prof. U.S. Srivastava Memorial Lecture Award, NASI, Allahabad.

Awarded Dr. Yellapragada Subba Row Memorial Lecture Award, GGSIP University, Delhi.

Co-Chairman, Recruitment and Assessment Board, CSIR, Delhi.

Prof. M.M. Chaturvedi: Awarded 'Visiting Professorship', University of Texas, MD Anderson Cancer Center, Houston, USA, May-July 2007.

Guest Faculty at Department of Biosciences and Bioengineering, Indian Institute of Technology, Kanpur.

Dr. Rina Chakrabarti: Fellow of the National Academy of Agricultural Sciences, NAAS, India.

Dr. Rita Singh: Visiting Professor-2007, Medical School Virginia Commonwealth University, INDO-US exchange.

Ph.D./M.Phil. Degrees awarded

Ph.D. - 9

M.Phil. - 12

Seminars/Conferences held

Prof. Amitabh Joshi: Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, Experimental Evolution: Selection, Phenomics and Reverse Genomics.

Dr. K. Sandeep Prabhu: 'Selenium and its role in health and disease', Penn State University, USA.

Dr. Ashok Kumar: 'A novel regulator of skeletal muscle mass', University of Louisville School of Medicine, Kentucky, USA.

Dr. Ravindra Singh: 'Alternative splicing: A complex problem of complex diseases', Iowa Sciences University, Ames, USA.

Dr. Anantanarayan Raman: Dr. C.P. Alexander Memorial Lecture, 'The Gall problem and the Insect factor', Charles Stuart University, Australia.

Prof. Sohan P. Modak: 'Darwin's Dream: Building consensus phylogenetic trees from gene and polypeptide sequences', Institute of Genomics and Integrative Biology, Delhi.

Dr. Girish Sahni: Dr. M.L. Bhatia Memorial Lecture, 'Tweaking basic research for applied outputs: Old challenges and emerging opportunities', Institute of Microbial Technology, Chandigarh.

Prof. B.B. Aggarwal: 'Targeting inflammation for treatment of cancer: Food for thought', M.D. Anderson Cancer Centre, Houston, USA.

Prof. Jackson C. Bittencourt: 'The Melanin Concentrating Hormone and the seeking for food behaviour', University of Sao Paulo, Brazil.

Prof. Srinivas K. Saidapur: Prof. M.R.N. Prasad Memorial Award Lecture (INSA), 'Reproduction: An Evolutionary perspective', Karnatak University, Dharwad, Karnataka.

Seminars/Conferences attended

Prof. K. Muralidhar: 'A blue print for Biology, Veterinary and Medical Education at Undergraduate level, 94th Indian Science Congress, 2007, Part III, pp. 3-11.

Prof. V.K. Bhasin: Invited for an oral presentation of work entitled 'Menace of antimalarial drug resistance, age old malarial therapies and ACT now' at Singapore Malaria Network Meeting 2008 on Current topics in Malaria, Nanyang Technological University, Singapore, 30 January-1 February 2008.

Invited lecture on 'Molecular mechanisms for drug resistance in malaria'. International Workshop on 'Molecular Epidemiology and Immunology of Malaria and other Vector Borne Diseases', RMRCT, Jabalpur (MP), 16-19 October 2007.

L.C. Mishra, A. Bhattacharya and Prof. V.K. Bhasin: Presented poster entitled 'In vitro interactions between artemisinin, triclosan or ketoconazole combinations against blood stages of *Plasmodium falciparum*', 9th International Symposium on 'Vector and Vector Borne Diseases', Puri, Orissa, 15-17 February 2008. Poster adjudged as one of the best in the Young Scientist' category. Cash prize awarded to the first author.

Presented poster entitled 'Schizontocidal interactions between twin combination of artemisinin, chlortrimazol or triclosan against *Plasmodium falciparum* in vitro', 9th International Symposium on 'Vector and Vector Borne Diseases', Puri, Orissa, 15-17 February 2008.

P.K. Mallick, V. Singh, S.K. Prajapati, H. Joshi, V.K. Bhasin and A.P. Dash: Presented Poster at International Workshop on 'Molecular Epidemiology and immunology of Malaria' and other Vector Borne Diseases', RMRCT, Jabalpur (MP), 16-19 October 2007 entitled 'Molecular assessment of chloroquine efficacy in cryopreserved *Plasmodium falciparum* isolates from Delhi'.

Prof. Rup Lal: 'Biotechnology: Introduction, Application, Biosafety and Environmental Concerns', presented at National Workshop on 'Environmental and biosafety related issues in the field of Biotechnology', KIIT School of Biotechnology, KIIT University, Orissa, 29 September 2007.

'Biotechnology: Introduction, Applications and Opportunities'. Presented at Workshop on 'Biotechnology Education and Hands-on-Training on Applications of Polymerase chain reaction and DNA sequencing', Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun, 6 October 2007.

'Metals induced metabolic alterations in plants and deciphering the role of *lin* genes in degradation of Hexachlorohexane (HCH) isomers in *Sphingobium indicum* B90A and its potential for bioremediation'. Presented Conference on 'Trends in cellular and molecular biology', School of Life Sciences, Jawaharlal Nehru University, New Delhi, 7 January 2008.

'Biotechnology: Introduction, Applications and Opportunities', Presented at Conference on 'Application of Biotechnology in Environment', International College for Girls, Jaipur, 5 February 2008.

'Problem posed by Hexachlorocyclohexane Residues and Development of Bioremediation Technologies Role of Environmental Genomics and Metagenomics', Conference on 'Application of Biotechnology in Environment', International College for Girls, Jaipur, 5 February 2008.

'Biotechnology: Introduction, Applications and Opportunities', Conference on 'Application of Biotechnology in Environment', National Conference on 'Recent Advances in Life Sciences', Meerut College, UP, 28 February 2008.

'Problem posed by Hexachlorocyclohexane Residues and Development of Bioremediation Technologies Role of Environmental Genomics and Metagenomics', National Symposium on 'Contemporary Environmental Problems and Biotechnological Applications in their management', School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, 7 March 2008.

'Diversity, Divergence and Distribution of (Hexachlorocyclohexane) Degrading *lin* Genes Among Sphingomonads: Potential for Bioremediation', National Symposium on 'Recent trends in Modern Biology', University of Pune, Maharashtra, 15 March 2008.

Anjana Singha, Vimal Thareja and Ashok K. Singh: 'Neem, a wonder tree and its role in pest management'. National Symposium on 'Science of Life: The New Horizon', Miranda House, Delhi University, 21-23orizon, 21-23421 November 2007.

Prof. M.M. Chaturvedi: 'An irreversible modification of Histone H3 - Identification and characterisation of Histone H3-specific Protease from Chicken Liver', BRNS Life Science Symposium, Bhabha Atomic Research Centre, Mumbai, 5-6 December 2007.

'Characterization of a SWI/SNF-like Chromatin Remodeling Factor, and Histone H3-Modifying Enzyme from Chicken Liver', Centre for Cellular and Molecular Biology, Hyderabad, 12 April 2007.

'Understanding Chromatin Remodelling: A New Dimension in Regulation of Gene Expression' at Molecular Biology Division, Bhabha Atomic Research Centre, Mumbai, 8 January 2008.

'Role of Inflammation in Cancer-Targeting the Transcription factor Nuclear Factor-kappa B for Cancer Therapy', Department of Biochemistry, North Eastern Hill University, 13-15 March 2008.

'Understanding the Mechanism Constitutive Activation of NF-kB', International Symposium on 'Trends in Cellular and Molecular Biology', Jawaharlal Nehru University, 5-7 January 2008.

Prof. Umesh Rai and R. Singh: 'Specialized function-related involvement of specific-opioid receptors in mediating beta-endorphin effect on fish splenic phagocytes'. National Symposium on 'Comparative Endocrinology and Reproductive Physiology: Insights and Challenges'. Visva Bharati, Santiniketan, West Bengal, 26-28 November 2007.

Prof. Umesh Rai and S. Kumar: 'Beta-endorphin regulates splenic macrophage phagocytic activity through mu-opioid receptor in the wall lizard *Hemidictylus flaviviridis*'. National Symposium on 'Comparative Endocrinology and Reproductive Physiology: Insights and Challenges', Visva Bharati, Santiniketan, West Bengal, 26-28 November 2007.

Prof. Umesh Rai, B. Roy and S. Ghorai: 'Diel variation in phagocytic activity of splenic phagocytes in fish *Channa punctatus*: Melatonin, the key player'. National Symposium on 'Comparative Endocrinology and Reproductive Physiology: Insights and Challenges'. Visva Bharati, Santiniketan, West Bengal, 26-28 November 2007.

Prof. Umesh Rai and R. Singh: 'Involvement of delta-opioid receptor in mediating methionine-enkephalin effect on innate immune response in teleost fish *Channa punctatus*'. International Structural Neuroscience Conference on Peptide, Nagpur University, Nagpur, 2-3 February 2008.

Prof. Umesh Rai and U.W. Khan: 'Endocrine and paracrine regulation of Leydig cell activities in reptiles'. International Conference on 'Molecular and Clinical Aspects of Gonadal and non-gonadal Actions of Gonadotropins', AIIMS, New Delhi, 7-9 February 2008.

Dr. Rina Chakrabarti: Presented paper Conference 'Aquaculture 2007', San Antonio, Texas, USA, 2007.

Dr. Neeta Sehgal: 'Choriogenin is more sensitive to estradiol induction than vitellogenin in the Indian freshwater murrel, *Channa punctatus*'; 'Seasonal changes in serum levels of vitellogenin in the African catfish, *Clarias gariepinus* and its measurements by ELISA', 6th Congress of the Asia and Oceania Society for Comparative Endocrinology (AOSCE), Siliguri, West Bengal, 10-14 December 2007.

'Estradiol is the most potent estrogen in inducing vitellogenin and choriogenin synthesis in the Indian freshwater murrel, *Channa punctatus*'; 'In Vitro modulation of estradiol-induced vitellogenin synthesis by pituitary hormones in cultured hepatocytes from *Clarias gariepinus*', National Symposium on 'Comparative Endocrinology and Reproductive Physiology: Insights and Challenges', Visva Bharati, Santiniketan, West Bengal, 26-28 November 2007.

Dr. Dileep K. Singh and Manish K. Sachdeva: 'Biodegradation of pesticide endosulfan by bacterial strains DS 1 and MS1'. 48th Annual Conference, Association of Microbiologists of India, IIT Madras, Chennai, 18 December 2007.

Dr. Dileep K. Singh and Supriya Goswami: 'Biodegradation of endosulfan by soil bacteria and fungi'. 48th Annual Conference, Association of Microbiologists of India, IIT Madras, Chennai, 18 December 2007.

Dr. Dileep K. Singh and M. Thoibi Devi: 'Bacterial degradation of endosulfan', 48th Annual Conference, Association of Microbiologists of India, IIT Madras, Chennai, 18 December 2007.

Dr. R.K. Seth, S. Suman and S. Chandna: 'Reduced nitric oxide synthase may contribute to the unusual radio-resistance of Sf9 cells', in 'The Cytometry Meet 2007', Sanjay Gandhi P.G. Institute of Medical Sciences, Lucknow, 17-18 December 2007, (Abstr.pp27).

Dr. Rita Singh: Invited speaker 6th Congress of the Asia and Oceanic Society for Comparative Endocrinology, University of North Bengal, Siliguri, Darjeeling, West Bengal.

'Frontiers in Reproduction', 10th Annual Symposium Woods Hole Oceanographic Institution Clark Laboratory, 507-Quissett Campus, Woods Hole, Massachusetts, USA, 14-16 June 2007.

Dr. Anju Shrivastva and Nisha Misra: 'Effect of different non-steroidal anti-inflammatory drugs on immunomodulation of murine macrophage functions'. 31st All India Cell Biology Conference and Symposium, Banaras Hindu University, Varanasi, 14-16 December 2007.

Abhimanyu Jha, Neetu Bharti, Anju Shrivastava, Neena Caplash and Jagdeep Kaur: 'Epigenetic reversal in cervical cancer cell lines with natural compounds'. 31st All India Cell Biology Conference and Symposium, Banaras Hindu University, Varanasi, 14-16 December 2007.

Dr. Anju Shrivastava: 'Tumor and Immunomodulation: A Cross-Talk between Tumor Cells and Macrophages'. National Symposium on Comparative Endocrinology and Reproductive Physiology, Department of Zoology, Viswa Bharati, Shantiniketan, 25-27 November 2007.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Biochemical and physiological characterization of a novel histone H3-specific protease from chicken/mouse liver.	Prof. M.M. Chaturvedi	DST
Yolk proteolysis and oocyte hydration in the Indian freshwater murrel.	Dr. Neeta Sehgal	DST
Microbial degradation of endosulfan and development of natural bioprocess.	Dr. D.K. Singh	DBT
Heme oxygenase 1 in rodent embryogenesis.	Dr. Sarmila Basu Modak	DST

Publications

Prasad, P.V., Chaube, S.K., Panchal, M., Chaudhary, R., Muralidhar, K., Rohil, V., Kumari, G.L. and Shrivatsav, T.G. 2007. 'Molecular dissection of an hCG-beta epitope using SPRIA'. *Clinica Chimica Acta.*, 376: 52-9.

Panchal, M., Gupta, S.K. and Muralidhar, K. 2007. 'A sensitive Sandwich Elisa for buffalo Prolactin'. *J. Immunoassay & immunochemistry*, 28: 147-54.

Chaudhary, R. and Muralidhar, K. 2007. 'Caprine LH: Purification and chromatographic investigation of its different isoforms'. *Preparative Biochemistry & Biotechnology*. 37: 277-300.

Kumari, S., Gupta, R., Saluja, D., Kumar, A., Goyal, S., Tyagi, Y.K., Gulati, R., Vinocha, A., Muralidhar, K., Dwarakanath, B.S., Rastogi, R., Parmar, V.S., Patkar, S.A. and Raj, H.G. 2007. 'Characterisation of protein trans acetylase from human placenta as a Signaling calreticulin using polyphenolic peracetals as the group donors'. *Cell Biochem Biophysics*, 47: 53-64.

Muralidhar, K. 2007. 'A blue print for biology, veterinary and medical education at undergraduate Level, Proc. 94th Indian Science Congress, Part III, pp. 3-11.

Sharma, V., Chaudhary, R., Khurana, J.M. and Muralidhar, K. 2008. 'In-gel detection of urease activity by nitroprusside-thiol reaction'. *Phytochem. Anal.*, 19: 99-103.

Panchal, M. and Muralidhar, K. 2008. 'Purification of monomeric prolactin charge isoform from buffalo pituitary'. *Preparative Biochemistry & Biotechnology*, 38: 94-104.

Muralidhar, K. 2008. 'Biology as an Integrating Natural Science domain : A proposal for B.Sc. (H), in Integrated Biology, *Resonance*. 13: 272-6.

Bhasin, V.K. 2008. 'Problems with oral polio vaccine'. *Nature Medicine*, 14: 9.

Bhattacharya, A., Mishra, L.C. and Bhasin, V.K. 2008. 'In vitro activity of artemisinin in combination with chlortrimazole or heat-treated amphotericin B against'. *Plasmodium falciparum*. *Am J. Trop Med. Hyg.*, 78: 721-8.

Mishra, L.C., Bhattacharya, A. and Bhasin, V.K. 2007. 'Antiplasmodial interactions between artemisinin and triclosan or ketoconazole against blood stages of *Plasmodium falciparum* in vitro'. *Am J. Trop Med. Hyg.*, 76: 497-503.

Prakash, O., Kumari, K. and Lal, R. 2007. '*Pseudomonas delhiensis* sp. nov., from a fly ash dumping site of a thermal power plant'. *Int. J. Syst. Evol. Microbiol.*, 57: 527-31.

Malhotra, S. and Lal, R. 2007. 'The Genus *Amycolatopsis*: Indigenous plasmids, cloning vectors and gene transfer systems'. *Ind. J. Microbiol.*, 47: 3-14.

Raina, V., Hauser, A., Buser, H.R., Rentsch, D., Sharma, P., Lal, R., Holliger, C., Poiger, T., Müller, M.D. and Kohler, H-P E. 2007. 'Hydroxylated metabolites of beta- and delta-

Hexachlorocyclohexane: Bacterial formation, Stereochemical configuration, and occurrence in groundwater at a former production site'. *Environ. Sci. Technol.*, 41: 4292-8.

Malhotra, S., Sharma, P., Kumari, H., Singh, A. and Lal, R. 2007. 'Localization of HCH catabolic genes (lin genes) in *Sphingobium indicum* B90A'. *Ind. J. Microbiol.*, 47: 271-5.

Raina, V., Suar, M., Singh, A., Prakash, O., Dadhwal, M., Gupta, S.K., Dogra, C., Lawlor, K., Lal, S., van der Meer, JR., Holliger, C. and Lal, R. 2008. 'Enhanced Biodegradation of Hexachlorocyclohexane (HCH) in contaminated soils via inoculation with *Sphingobium indicum* B90A'. *Biodegradation.*, 19: 27-40.

Kumar, M., Verma, M. and Lal, R. 2008. '*Devosia chinhatensis* sp. nov., isolated from Hexachlorocyclohexane (HCH) dump site in India'. *Int. J. Syst. Evol. Microbiol.*, 58: 861-5.

Malhotra, S., Majumdar, S., Kumar, M., Bhasin, V.K., Garetmann, K-H. and Lal, R. 2008. 'Nucleotide sequence of plasmid pA387 of *Amycolatopsis benzoatilytica* and construction of a conjugative shuttle vector'. *J. Basic Microbiol.*, 48:177-85.

Gupta, S.K., Kumari, R., Prakash, O. and Lal, R. 2008. '*Pseudomonas panipatensis* sp. nov., isolated from an oil-contaminated site'. *Int. J. Syst. Evol. Microbiol.*, 58: 1339-45.

Jit, S., Dadhwal, M., Prakash, O. and Lal, R. 2008. '*Flavobacterium lindanitolerans* sp. nov. isolated from hexachlorocyclohexane-contaminated soil'. *Int. J. Syst. Evol. Microbiol.*, 58: 1665-9.

Prakash, O., Verma, M., Sharma, P., Kumar, M., Kumari, K., Singh A., Kumari, H., Jit, S., Gupta, S.K., Khanna, M. and Lal, R. 2007. 'Polyphasic approach of bacterial classification – An overview of recent advances'. *Ind. J. Microbiol.*, 47: 98-108.

Lal, R., Dadhwal, M., Kumari, K., Sharma, P., Singh, A., Kumari, H., Jit, S., Gupta, S.K., Nigam, A., Lal, D., Verma, M., Kaur, J., Bala, K. and Jindal, S. 2008. '*Pseudomonas* sp. to *Sphingobium indicum*: a journey of microbial degradation and bioremediation of Hexachlorocyclohexane'. *Ind. J. Microbiol.*, 48: 3-18.

Scott, C., Pandey, G., Hartley, C.J., Jackson, C.J., Cheesman, M.J., Taylor, M.C., Pandey, R., Khurana, J.L., Teese, M., Coppin, C.W., Weir, K.M., Jain, R.K., Lal, R., Russell, R.J. and Oakeshott, J.G. 2008. 'The enzymatic basis for pesticide bioremediation'. *Ind. J. Microbiol.*, 48: 65-79.

Sharma, P., Kumari, H., Kumar, M., Verma, M., Kumari, K., Khurana, J. and Lal, R. 2008. 'From bacterial genomics to metagenomics: Concept, Tools and Recent Advances'. *Ind. J. Microbiol.*, 48: 173-94.

Prakash, O., Verma, M., Sharma, P., Kumar, M., Kumari, K., Singh A., Kumari, H., Jit, S., Gupta, S.K., Khanna, M. and Lal, R. 2007. 'Polyphasic approach of bacterial classification – An overview of recent advances'. *Ind. J. Microbiol.*, 47: 98-108.

- Lal, R., Dadhwal, M., Kumari, K., Sharma, P., Singh, A., Kumari, H., Jit, S., Gupta, S.K., Nigam, A., Lal, D., Verma, M., Kaur, J., Bala, K. and Jindal, S.** 2008. 'Pseudomonas sp. to *Sphingobium indicum*: a journey of microbial degradation and bioremediation of Hexachlorocyclohexane'. *Ind. J. Microbiol.*, 48: 3-18.
- Hegde, R., Singh, A.K. and Mitchell, P.** 2008. 'Biology of *Clavigralla scutellaris* (Hemiptera: Coreidae)'. *Oriental Insects* (Florida, USA) 42: 33-47.
- Paul, A.V.N., Shrivastava, M. and Singh, A.K.** 2008. 'Semiochemicals produced by tomato varieties and their role in parasitism of *Corcyra cephalonica* (Lepidoptera: Pyralidae) by egg parasitoid *Trichogramma chilonis*'. *International Journal of Tropical Insect Science* (Cambridge University Press) 28: 108-16.
- Srivastava, M., Paul, A.V.N. and Singh, A.K.** 2008. 'Response of the egg parasitoid *Trichogramma chilonis* Ishii (Hymenoptera: Trichogrammatidae) to kairomones from three host insects'. *Journal of Biological Control*. 22: 117-33.
- Varshney, A.K., Singh, A.K. and Agarwal, H.C.** 2007. 'Orientational responses of *Chilo partellus* (Swinhoe) larvae to visual and olfactory stimuli from leaves of two cultivars of maize (*Zea mays* L.)'. *International Journal of Tropical Insect Science* (Cambridge University Press), 27: 15-20.
- Singha, A., Thareja, V. and Singh, A.K.** 2007. 'Application of neem seed kernel extracts results in mouthpart deformities and subsequent mortality in *Nezara viridula* (L.) (Hem.: Pentatomidae)'. *J. Appl. Entomol.*, (Blackwell Publishing), 31: 197-201.
- Sung, B., Pandey, M.K., Nakajima, Y., Nishida, H., Konishi, T., Chaturvedi, M.M. and Aggarwal, B.B.** 2008. 'Identification of a novel blocker of I κ B kinase activation that enhances apoptosis and inhibits proliferation and invasion by suppressing nuclear factor- κ B'. *Mol Cancer Ther.*, 7: 191-201.
- Jackson-Bernitsas, D.G., Ichikawa, H., Takada, Y., Myers, J.N., Lin, X.L., Darnay, B.G., Chaturvedi, M.M. and Aggarwal, B.B.** 2008. 'Evidence that TNF-TNFR1-TRADD-TRAF2-RIP-TAK1-IKK pathway mediates constitutive NF- κ B activation and proliferation in human head and neck squamous cell carcinoma'. *Oncogene.*, 26: 1385-97.
- Ahn, K.S., Gong, X., Sethi, G., Chaturvedi, M.M., Jaiswal, A.K. and Aggarwal, B.B.** 2007. 'Deficiency of NRH: quinone oxidoreductase 2 differentially regulates TNF signaling in keratinocytes: up-regulation of apoptosis correlates with down-regulation of cell survival kinases'. *Cancer Res.*, 67: 10004-11.
- Takada, Y., Sung, B., Sethi, G., Chaturvedi, M.M. and Aggarwal, B.B.** 2007. 'Evidence that genetic deletion of the TNF receptor p60 or p80 inhibits Fas mediated apoptosis in macrophages'. *Biochem. Pharmacol.*, 74: 1057-64.
- Pandey, M.K., Sung, B., Ahn, K.S., Kunnumakkara, A.B., Chaturvedi, M.M. and Aggarwal, B.B.** 2007. 'Gambogic acid, a novel ligand for transferrin receptor, potentiates TNF-induced apoptosis through modulation of the nuclear factor- κ B signaling pathway'. *Blood*, 110: 3517-25.

- Shishodia, S., Chaturvedi, M.M. and Aggarwal, B.B.** 2007. 'Role of curcumin in cancer therapy'. *Curr. Probl. Cancer.*, 31: 243-305. Review.
- Ahn, K.S., Sethi, G., Chao, T.H., Neuteboom, S.T., Chaturvedi, M.M., Palladino, M.A., Younes, A. and Aggarwal, B.B.** 2007. 'Salinosporamide A (NPI-0052) potentiates apoptosis, suppresses osteoclastogenesis, and inhibits invasion through down-modulation of NF-kappaB regulated gene products'. *Blood*, 110: 2286-95.
- Shishodia, S., Singh, T. and Chaturvedi, M.M.** 2007. 'Modulation of transcription factors by curcumin'. *Adv. Exp. Med. Biol.*, 595: 127-48. Review.
- Sethi, G., Ahn, K.S., Chaturvedi, M.M. and Aggarwal, B.B.** 2007. 'Epidermal Growth Factor activates nuclear factor-kappaB through IkappaBalpha kinase-independent but EGF receptor-kinase dependent tyrosine 42 phosphorylation of IkappaBalpha'. *Oncogene.*, 26: 7324-32.
- Singh, R. and Rai, U.** 2008. 'Beta-endorphin regulates diverse functions of splenic phagocytes through different opioid receptors in freshwater fish *Channa punctatus* (Bloch): an in vitro study'. *Dev. Comp. Immunol.*, 32: 330-8.
- Khan, U.W. and Rai, U.** 2008. 'Role of gonadotropin and Leydig cell-secreted paracrine factors in the control of testicular macrophage activity in the wall lizard *Hemidactylus flaviviridis*'. *Dev. Comp. Immunol.*, 32: 348-55.
- Roy, B. and Rai, U.** 2008. 'Role of adrenoceptor-coupled second messenger system in sympatho-adrenomedullary modulation of splenic macrophage functions in live fish, *Channa punctatus*'. *Gen. Comp. Endocrinol.*, 155: 298-306.
- Khan, U.W. and Rai, U.** 2008. 'Paracrine role of testicular macrophages in control of Leydig cell activities in the wall lizard, *Hemidactylus flaviviridis*'. *Gen. Comp. Endocrinol.*, 156: 44-50.
- Sharma, J.G. and Chakrabarti, R.** 2008. 'Development of survivorship model for UV-B irradiated *Catla catla* larvae'. *Aquatic Ecology* (Springer), 42: 17-23.
- Sharma, J.G., Gwak, W.S., Masuda, R., Tanaka, M. and Chakrabarti, R.** 2007. 'Survival, growth and RNA/DNA ratio of *Pagrus major* cultured under three different feeding regimes during early development'. *Asian Fisheries Science* (Asian Fisheries Society), 19: 389-400.
- Prakash, O., Goswami, S.V. and Sehgal, N.** 2007. 'Establishment of ELISA for murrel vitellogenin and choriogenin, as biomarkers of potential endocrine disruption'. *Comparative Biochemistry and Physiology- C Toxicology and Pharmacology*, 146: 540-51.
- Sharma, S.K., Sehgal, N. and Kumar, A.** 2007. 'Lactase from *Clarias gariepinus* and its application in development of lactose sensor'. *Sensors & Transducers Journal*, 82: 1458-69.
- Singh, D.K. and Kumar, S.** 2008. 'Nitroreductase, arginine deaminase urease and dehydrogenase activities in natural soil (ridges with forest) and in cotton soil after acetamiprid treatments'. *Chemosphere.*, 71: 412-8.

Vig, K., Singh, D.K., Agarwal, H.C., Dhawan, A.K. and Dureja, P. 2008. 'Soil microorganisms in cotton fields sequentially treated with insecticides'. *Ecotoxicology and Environmental Safety*, 69: 263-76.

Jindal, T., Singh, D.K. and Agarwal, H.C. 2007. 'Effect of UV radiation and temperature on mineralization and volatilization of Coumaphos in water'. *Journal of Environmental Science and Health, B* 42: 367-72.

Mittal, A., Kumari, A., Kalia, V., Singh, D.K. and Gujar, G.T. 2007. 'Spatial and Temporal Baseline Susceptibility of Dimondback Moth, *Plutella xylostella* (Linnaeus) to *Bacillus thuringiensis* spore crystal mixture, purified crystal toxins and mixture of cry toxins in India'. *Biopestic., Int.*, 3: 58-70.

Pandey, A., Pandey, A. and Singh, D.K. 2007. 'Test of plant extract against *Aphis Gossypii*'. *Ann. Pl. Protec.*, 15: 48-481.

Bhakta, G., Shrivastava, A. and Maitra, A.N. 2008. 'Magnesium Phosphate Nanoparticles can be Efficiently Used In Vitro and In Vivo as Non-Viral Vectors for Targeted Gene Delivery'. *Journal Biomedical Nanotechnology*, 4: 1-9.

Shrivastava, S. 2007. 'Activation of Macrophages with N-formyl-methionyl-leucyl-phenylalanine: Involvement of Protein Kinase C and Tyrosine Kinase'. *Indian Journal of Experimental Biology*, 45: 755-63.

Seth, R.K., Barik, T.K. and Gautam, R.D. 2007. 'Safety Evaluation of Parthenium Beetle, *Zygogramma bicolorata* Pallister (Chrysomelidae: Coleoptera) against Entomopathogenic nematode', *Steinernema glaseri* (Steiner)'. *J. Ent. Res.* 31: 313-7.

Book/Chapters

Chakrabarti, R. and Sharma, J.G. 2008. *Aquahouse: New Dimension of Sustainable Aquaculture*. New Delhi : Indian Council of Agricultural Research.

Muralidhar, K. 2007. *Research in Molecular Endocrinology- validation of reductionist biology and a case for teaching integrated biology Sixth* Dr. Yellapragada Subba Row, Memorial Lecture, www.vsubbarow.com

'Educational Philosophy of Biology: Lessons from studies on molecular endocrinology of water buffaloes', 3rd Prof. U.S. Srivatsava Memorial Award Lecture, NASI, Allahabad.

Mehta, V.K., Sethi, G.R., Garg, A.K. and Seth, R.K. 2007. 'Use of ionizing radiation in interaction with fumigants towards management of *Tribolium castaneum* (Herbst)', in Donahaye, E.J., Navarro, S., Bell, C., Jayas, D., Noyes, R., Phillips, T.W. (eds.) *Proc. Int. Conf. Controlled Atmosphere and Fumigation in Stored Products, Gold-Coast Australia. 8-13 August 2004*. Israel : FTIC Ltd. Publishing, pp. 467-74.

Template of species profile

Rai, U. and Khan, U.W. 2008. 'Endocrine and paracrine control of testicular functions in reptiles', New Delhi: All India Institute of Medical Sciences.

FACULTY OF LAW

LAW

Major Activities

For the first time in the history of the Faculty, after the establishment of Law Centre - I and Law Centre – II in 1970 and 1971, a uniform and common teaching and examination schedule was adopted for all the three Law Centres from July 2007.

The Faculty Placement Council has been set up from the academic year 2007-08 to provide training and job opportunities to all the students of LL.B., LL.M. and Ph.D. Top law firms, LPOs, KPOs, NGOs, law publishers and multinational corporations visited the Faculty for recruitment.

Ph.D. Degrees awarded

Ph.D. - 12

Seminars/Conferences held

International Conference on Cyber Crime was organized in collaboration with the Associated Chambers of Commerce and Industry of India, 10 September 2007.

Seminars/Conferences attended

Prof. Stephen Girvin from Birmingham delivered a lecture on ‘Company Law Reform’, 28 November 2007.

LAW CENTRE – I

Major Activities

Mooters’ Society was continuously involved in the selection of the teams for representing Law Centre-I in various State, National and International moot court and client counselling competitions. These included the 8th National Client Interviewing and Counselling competition for the Justice P.V. Govinda Menon Trophy held on 16-17 November 2007 at the Kerala Law Academy where the Law Centre – I team was adjudged the best team; Stetson International Environment Moot Court Competition 2007, India, North Round in which the Law Centre – I team got the Best and Second Best Student Advocates.

The *Legal Aid Society* of Law Centre-I organised a ‘Legal Literacy Session’ on the Protection of Women from Domestic Violence Act on 3 November 2007 in the premises of Kamla Nehru College through an interactive skit evolved by the students themselves.

Appointment of faculty members to higher Posts/Assignments

Ms. Aditi Choudhary and Mr. Pankaj Gupta were appointed Additional District Judges.

Seminars/Conferences held

Seminar on 'Refugee and Law' was conducted in the Centre in which Prof. Sital Kalantry, Assistant-Clinical Professor of Law, Cornell Law School, New York, gave a presentation on the US perspective of the issue while the Indian side was presented by Ms. K. Ratnabali, Lecturer, Law Centre-I, 10 August 2007.

The Environment Society of Law Centre-I organised a Seminar on 'Global Climate Change' on 23 October 2007 in association with Global Climate Campaign. The programme began with the screening of some extracts of the movie 'An Inconvenient Truth' which appraised students of the effects of climate change on the environment and living organisms. Ms. Nathalie Koerfer, International Secretary, Campaign Against Climate Change, London spoke on the 'Importance of Global Climate Campaign' while Mr. L. Pushpa Kumar, Lecturer, Law Centre-I, spoke on the 'Legal Issues Involved in Combating Global Climate Change'.

Seminars/Conferences attended

Dr. Anju Vali Tikoo: Delivered Lecture on 'Organ Transplant Law in India' at the Delhi Judicial Academy for Delhi Higher Judicial Services Probationers in August 2007.

Presented a joint paper on 'Implementing Right to Information: Indian Experience at the International Conference of Jurist on Rule of Law, Vigyan Bhavan, 24 November 2007.

Ms. Topi Basar: Attended 'WIPO Inter-Regional Forum on Leveraging Intellectual Property for Knowledge Based Development and National Wealth Creation' which was convened by WIPO, New Delhi, November 2007.

Prof. Ved Kumari: Attended the National Conference on the occasion of Universal Children's Day organised by the National Commission for Protection of Child Rights, New Delhi, 20 November 2007.

Presented a paper on 'Child and Youth Rights in Asia' and chaired a session in International Conference on 'Asian Youth And Childhoods' organised by International Sociological Association in Lucknow, 21-24 November 2007.

Presented a paper on 'Construction of Criminality' and chaired a session in UKIERI Conference on Children's Rights by University of Essex, UK, 3-4 April 2008.

Publications

Bharihoke, N. 2008. *Modern Hindu Law*. Delhi : Delhi Law House.

Pushpakumar, L. 2008. *Thavara Rahangal Matrum Uzhavarhalin Urimaihal Padhuhappu Sattam, 2001* (Tamil translation of Protection of Plant Varieties and Farmers' Rights Act, 2001) Chennai: M.S. Swaminathan Research Foundation.

Kumari, V. 2007. 'Offences against Women'. In *Towards Legal Literacy: An Introduction to Law in India* (ed.) Sankaran, K. and Singh. UK : Oxford University Press.

2007, Child Rights – Prove You are a Child, *TCE Broadcast: Telling the World Most Powerfully*: <http://www.tcebroadcast.com/rightpage.htm>

2007: Children and the Criminal Justice System, *Infochange Agenda* http://infochangeindia.org/agenda8_19.jsp

FACULTY OF EDUCATION

EDUCATION

Major Activities

The Department was visited by representatives of International institutions of Education from China, New Zealand and the United States of America with a view to engender meaningful collaborations between the University of Delhi and their respective Universities through research, cultural exchange programmes and faculty and student exchange programmes. They also delivered lectures to the faculty, B.Ed., M.Ed. and Pre-Doctoral Students.

Ph.D./ M.Phil. Degrees awarded

Ph.D. - 7

M.Phil. - 13

New Additions

Mr. Sandeep Kumar - Lecturer

Ms. Ritu Bala, - Lecturer

Honours/Distinctions

Prof. Poonam Batra: Awarded the Jawaharlal Nehru Fellowship, 2007, by the Jawaharlal Nehru Memorial Fund to undertake research on Teacher Education and Social Change.

Dr. Nirupma Jaimini: Invited by the International Union of Pure and Applied Chemistry, as a Fellow, March 2008.

Dr. Sadhna Saxena: Awarded the Mahapandit Rahul Sanskrityaayan Puraskar for the year 2006 by the President of India for writing research-based book in Hindi by the Central Institute of Hindi, Agra (MHRD), 18 December 2007.

Seminar/Conference held

A National Seminar on 'Inclusion: Issues and Perspectives' was organised in April 2007 to highlight the importance of Inclusive Education in the pre-service and in-service teacher education programmes.

Seminars/Conferences attended

Prof. Bharati Baveja: Participated in the 3rd National Learning Conference on 'Equitable Education for Equitable Society' by the Azim Premji Foundation, Bangalore, May 2007.

Presented paper 'Reconceptualizing School Experience: Towards a Reflective Approach' as Principal Indian Delegate at Asia Teacher Education Consortium, International Symposium, Joetsu University of Education, Japan.

Prof. Poonam Batra: Presented paper 'Concerns of Equity and the Education of Teachers', Conference on 'Equitable Education for Equitable Society', Azim Premji Foundation, Bangalore, 24-26 May 2007.

Presented paper 'Education for Social Empowerment: Critical Reflections', Conference on 'Education and Social Empowerment', Centre for Social Empowerment, Dr. B.R. Ambedkar Open University, Hyderabad, September 2007.

Prof. Anita Rampal: Invited by the Royal Society as a Research Collaborator to the University of Edinburgh. Presented a paper 'Theorising Children's Participation: International and Inter-disciplinary Perspectives', International Seminar.

Presented a paper 'Literacy in Asia', International Conference on 'Redesigning Pedagogies', National Institute of Education, Nanyang Technological University, Singapore.

Conducted a session on 'Developing Curricula and Teaching Learning Materials' for participants from different countries, International Conference on 'Education for Sustainable Development', CEE, Ahmedabad.

Prof. Rama Mathew: Invited Plenary Speaker, 4th BELTA (Bangladesh English Language Teachers Association) Conference, Dhaka, Bangladesh, Presented a paper on 'Action Research for Professional Development: Moving Beyond Comfort Zones', 24-26 August 2007.

Dr. Namita Ranganathan: Presented Perspective Paper on 'Professional Development of Teachers' at International Conference, Aga Khan Foundation, New Delhi.

Dr. Alka Behari: Presented paper 'Classroom Processes and Learner Achievement', International Conference, AKF, New Delhi, October 2007.

Dr. Sadhana Saxena: Presented paper entitled 'Experience of Experiment Based Science Teaching in India: Potentials and Limitations', 9th International History, Philosophy and Science Education, Seminar, Calgary, Canada, 24-28 June 2007.

Dr. D. Parimala: Presented paper 'New Discourse in Gender and Local Governance: A study on Southeast Asia', International Conference; on 'Independence and After in Southeast Asia: Old and New Interpretations', Malaysia, 2007.

Presented paper at International Conference on 'Gender and Local Governance: A New Discourse in Development Review (India) in Kerala People's Plan Revisited', Thiruvananthapuram, Kerala, December 2007.

Presented paper on 'Challenge of Poverty Reduction Programmes: A Study on Women and Poverty in Developing Countries', International Conference on 'Fifty Years of Sociology, Fifty Years of Social Transformation: Future of the Past' in Bangladesh, Independent University, Dhaka, 10-11 March 2008.

Publications

Books

Parimala, D. 2007. *Education of Dalit Plantation Women Workers: (Indian Origin in Sri Lanka since 1971)*. Delhi: Samyak Prakashan.

Research Articles

Arvind Gaysu R. 2007. 'Culture, Artefacts and Mediated Learning' in *Learning, Teaching and Research in a Borderless World*, New Delhi: Macmillan.

2007. 'Paradigms, Politics and Epistemology of Other' in *New Paradigms and Methods in Educational and Social Research*. Los Angeles: University of California.

Mathew, R. 2007. 'Action Research for Professional Development: Moving Beyond Comfort Zones', *Exploring Alternatives in Assessment: Teachers' Accounts of Action Research in India*, (ed.) Mathew, R. and Smith, K.. Delhi : Department of Education, Delhi University.

2007. 'Assessment in Multilingual Societies'. *Encyclopedia of Language and Education* (2nd ed.) Shahamy, E. and Hornberger, N.H. Language Testing and Assessment. E., Springer, Vol. 7, 19-36.

Mathew, R. 2007. 'Exploring Alternatives in Assessment: Teachers' Accounts of Action Research in India. (edited jointly with Smith, K.), Department of Education, Delhi University.

Rampal, A. 2007. 'Ducked or Bulldozed? Education of Deprived Urban Children in India'. In *International Handbook of Urban Education* (ed.) George, W. Noblit and William, T. Pink), Springer.

Saxena, S. 2007. 'Education of the Masses: A Critical Review'. In *Education in Modern South Asia: Social and Political Implications* (ed.) Kumar, K. and Joachim Oesterheld, J. Delhi: Orient Longman.

2007. 'Marginalisation of the Equity Agenda'. In *The Crisis of Elementary Education in India* (ed.) Kumar, R., New Delhi: Sage.

FACULTY OF SOCIAL SCIENCES

AFRICAN STUDIES

Major Activities

The Department, in collaboration with the University Grants Commission, worked the Centre for African Studies for two sessions. The main thrust of the Department is to carry out inter-disciplinary research and set up Study Groups such as the India African Relation Group on South Africa, Human Rights and Refugees and Sudan Study Units.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	1
M.Phil.	-	6

Research scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Geopolitics and Sudan	Dr. Suresh Kumar	UGC

Seminars/Conferences attended

Dr. T. Prasad: International Seminar, Jawaharlal Nehru University, New Delhi.

National Seminar 'Governance and Development in Africa', Jamia Millia Islamia, New Delhi.

Dr. A.S. Yaruigam: National Conference, 'Social exclusion and Inclusive policies', organised by Indian Institute of Dalits Studies in collaboration with Princeton University, USA, Jacaranda Hall, Habitat Centre, Lodhi Road, New Delhi, 26-27 October 2007.

International Seminar 'India and Sudan: Lesson in Nation Building and Development Cooperation', organised by West Asian and African Studies Centre, Jawaharlal Nehru University, in collaboration with African Studies Association of India, School of International Studies, Jawaharlal Nehru University, 27-29 November 2007.

Publications

Articles

- Kumar, S.** 2008. 'Wiring Africa to the World', *Africa Quarterly, Special Issue*, Vol. 48(1).
2007. 'COMESA for Peace, Security and Economic Development', *Africa Quarterly*, Vol. 47(3).
2007. 'Role of Diaspora in Economic Development in Eritrea, Foreign Financed Special Investments', *Eritrea Profile*, Vol. 14(46).
2007. 'Need of Scientific Agriculture Technology for Sustainable Development in Eritrea', *Eritrea Profile*, Part-I, Part-II and Final, Vol. 14(40) and Vol. 14(41).
2007. 'International Terrorism and its consequences in Horn, Interference, No Regional Peace & IGAD', *Eritrea Profile*, Part-I and Part-II and Final, Vol. 14(35) and Vol. 14(36).
2007. 'Globalization and China Economic Policies Towards Africa: Emerging China-Eritrea Bilateral Relations', *Eritrea Profile*, Part-I, Part-II and Part-III & Final, Vol. 14(28), Vol. 14(29), and Vol. 14(31).
2007. 'Political Nationalism: From Independence Movement to Contemporary Eritrea', *Eritrea Profile*, Part-I, II, III, Vol. 14(24).
2007. Origin of Society & Rise of Nationalities in Eritrea, Part-I, II, Vol. 14(18-9).
2007. 'Joint Communiqu-A Step towards Peaceful Reconciliation In Somalia, Stop Somali Genocide', *Eritrea Profile*, Vol. 14(16).
2007. 'Is Red Oil Pious for Invasions than Humanity in World, Somalia is Another Victim', *Eritrea Profile*, Vol. 14(14).
2007. 'National Peaceful Reconciliation and Reconstitution in Geopolitics of Somalia: An evaluation', *Eritrea Profile*, Vol. 14(12).
2007. Growth of Political Economy-An Assessment to Self-Reliance Movement in Eritrea, appraisal of Five Year Plan (2003-2007), Part-II-V, Vol. 14 (8-11).
- Prasad, T.** 2008. 'Economic Integration in Southern Africa', *Indian Journal of African Studies*, Delhi University.
- Yaruingam, A.S.** 2008. 'India's Mindshare in Ethiopia', *Africa Quarterly*, Vol. 48(1).

ADULT, CONTINUING EDUCATION & EXTENSION

Major Activities

The Department initiated academic and research programmes to bring it in the mainstream of the University system. Several national and international level programmes were organised, such as workshop on Substance Abuse, a ten-day workshop on Research Methodology and capacity building programmes for SC/ST students of the University and Colleges.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Mental Health Status and Social Support System of the Elderly.	Prof. N.K. Chadha	Delhi University R&D Scheme
Depression in Late Life: An intervention Programme for Older People.	Prof. N.K. Chadha	Delhi University R&D Scheme
Strategic Policy for the Aged in Asia : Study of several Asian countries.	Prof. N.K. Chadha	Asian Productivity Organisation, Japan

Honours/Distinctions

Prof. N.K. Chadha: Visited France as a visiting Social Scientist under the Indo-French Exchange Programme for Social Scientists, 30 August-1 October 2007.

Seminar/Conference held

Two-day International Conference on Gerontology: A Global Concern, 29 February-1 March 2008 under the co-ordination of Prof. N.K. Chadha and Dr. Rajesh.

Seminars/Conferences attended

Dr. Rajesh: Presented a paper on Lifelong Learning, National Conference, Jawaharlal Nehru University, New Delhi, 7 March 2008.

Prof. N.K. Chadha and Dr. Rajesh: Presented a joint paper on Globalization and Consuversism, Jawaharlal Nehru University, New Delhi, 27-28 May 2008.

Dr. Rajesh: Participated in an International Conference on Global Literacy Challenges and Opportunities, UNESCO, Vigyan Bhawan, 29-30 November 2007.

Dr. V.K. Dixit: Participated in a Seminar on Gerontology: A Global Concern, Delhi University in collaboration with ICSSR, 29 February-1 March 2008.

National Conference on XIth Plan of Adult, Continuing Education, Indian Adult Education Association, New Delhi, 30 May 2007.

Publications

Articles

Chadha, N.K. 2008. 'What is it that we still need to witness in order to see the expected and deserved Expansion of Intergenerational Programming? What is missing?' *Journal of Inter-generational Relationships*, USA, 6(1) : 121-24.

Goswami, S., Mathew, M. and Chadha, N.K. 2007. 'Differences in Occupational Commitment amongst Scientists in Indian Defence, Academic and Commercial R & D Organisations'. *Vikalpa: The Journal of Decisions Makers*, 32(4) : 13-28.

Rajesh. 2008. 'Lifelong Learning and Higher Education: An Alternative for Capacity Life Skills Building'.

2007. 'Need Assessment of Injecting Drug Users in Delhi', *IJPE*, No. 39.

2008. 'Education for Dalits and Adinas: SOL', Delhi University.

Book Review

Rajesh, Grideon, Arudamni and Sonali. 2008. Career Counselling: A handbook, New Delhi: Tata Mc Graw Hill, University News AIU.

ECONOMICS

Major Activities

The Department of Economics is considered to be one of the premier academic institutions in teaching and research and members of the Department continue to contribute to promote and disseminate knowledge in the field of Economics in a significant way. The Department hosted two International Workshops and twenty Seminars. Several faculty members published their research works in leading national and international journals. The Department has been associated with the publication of the journal, *Indian Economic Review*. Faculty members also continue to influence national debates and policy through writings in popular journals, production of two well-regarded economic forecasts and memberships on national committees.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	3
M.Phil.	-	4

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Urban Labour Market Inequality in India.	Ashwini Deshpande	Princeton University
Gender, Caste Growth Assessment for India.	Ashwini Deshpande	DFID, UK
Legal and Economic Analysis of Road Contracts in India.	Ram Singh	University of Delhi

New Additions

Professor Ashwini Deshpande Professor Sunil Kanwar
Professor J.V. Meenakshi Professor Sudhir Shah
Professor Rohini Somanathan

Appointment of faculty members to higher Posts/Assignments

Ashwini Deshpande: Appointed Visiting Fellow at the Institute for Chinese Studies, New Delhi.

Sreekant Gupta: Appointed Visiting Faculty at the National University of Singapore.

Sunil Kanwar: Appointed Visiting Professor at the University of California, San Diego.

Honours/Distinctions

Ashwini Deshpande: Selected Fellow at the India-China Institute, New School, New York.

Seminar/Conference held

A one-day Conference on Intellectual Property Rights and Globalization, 26 November 2007.

Seminars/Conferences attended

Aditya Bhattacharjea: Presented a paper on 'Expanding Freedom? The Persistence of Colonial Trade Patterns in a Globalising World', National seminar on 'Expanding Freedom: Towards Social and Economic Transformation in Globalising World', Institute of Economic Growth, Delhi, April 2007.

Presented a paper on 'Labour Market Regulation and Industrial Performance in India', Law School of Stanford University, USA, February 2008.

Ashwini Deshpande: Attended a Conference on 'Global Studies in Discrimination', Princeton University, USA, May 2007.

Attended a Conference on 'Labour Market Inequality and Discrimination', New Delhi, October 2007.

Attended a Conference on 'Race, Caste and Colorism: International experiences', Duke University, USA, March 2008.

Pami Dua: Participated in a Conference on 'Capital Flows, Intervention and the Exchange Rate in India: An Empirical Investigation, Growth and Macro-economics Issues and Challenges in India', Institute of Economic Growth, Delhi, February 2008.

'Open Economy Philips Curve for Developing and Developed Asian Countries, Growth and Macro-economics Issues and Challenges in India', Institute of Economic Growth, Delhi, February 2008.

'Inflation-Unemployment Trade Off in Asia', Money and Finance Conference, Indira Gandhi Institute for Development Research, Mumbai, January 2008.

'Predicting Indian Business Cycles: Leading Indices for External and Domestic Sectors', Quarterly Seminar on the Economy, National Council of Applied Economic Research, New Delhi, October 2007.

B.L. Pandit: Presented the paper 'Inter-Firm Differences in Portfolio Investment in India', Conference at Institute of Economic Growth, 13 April 2007.

Partha Sen: Attended Asia Pacific Economies Conference, Monash University, Kuala Lumpur Campus, December 2007.

Attended Trade and Development Conference, Jadavpur University, April 2008.

Ram Singh: Participated in a Panel Discussion in a Conference on 'Law and Development', National Judicial Academy, Bhopal, 22 February 2008.

Rohini Somanathan: Attended a Conference on 'Public Action for Public Goods', Department of Economics, University of Namur, Belgium, May 2007.

'Micro-finance Lifespans: A study of Attrition and Exclusion in Self-Help Groups in India', India Policy Forum, New Delhi, July 2007.

'Micro-finance Lifespans: A Study of Attrition and Exclusion in Self-Help Groups in India', Santa Fe Institute, Santa Fe, New Mexico, August 2007.

EUDN/AFD Conference, 'The Demand for Disadvantage', Paris, 5 December 2007.

Platinum Jubilee Development Conference, 'Social Exclusion and Enforcement in Group Lending', Indian Statistical Institute, 18 December 2007.

'The Demand for Disadvantage: Some Reflections on Affirmative Action in India', Centre for the Study of Social Sciences, 19 December 2007.

Sudhir Shah: Presented a paper on 'A non-cooperative theory of quantity-rationing international transfrontier pollution', ISI Winter Conference, December 2007.

Sunil Kanwar: Presented a paper at the 'International Conference on Comparative Development', Indian Statistical Institute, Delhi, 18-20 December 2007.

Presented a paper at the 'Conference on Intellectual Property Rights, Globalisation, and Related Issues', Delhi School of Economics, Department of Economics, 26 November 2007.

Uday Bhanu Sinha: 'Strategic Licensing, Exports, FDI and Host Country Welfare', paper presented in SAP-DSA Conference on 'Economic Structures, Growth and Development', Jawaharlal Nehru University, 31 January - 2 February 2008.

Publications

Bhattacharjea, A. 2007. 'Potential Problems in the Implementation of the Competition Act', in Singh, J. (ed.), *Understanding Regulation: Institutional and Legal Dimensions*, New Delhi: Social Sciences Press.

2007. 'Antitrust Law', in Kaushik Basu (ed.), *The Oxford Companion to Economics in India*, New Delhi: Oxford University Press.

Editor, *International Economics* (ed.), volume of lessons for M.A. Course of Indira Gandhi National Open University.

Das, M. 2007. 'Persistent Inequality: An Explanation based on Limited Parental Altruism'. *Journal of Development Economics*, 84(1) : 251-70.

2007. 'P. C. Mahalanobis', *The Oxford Companion to Economics in India*, (ed.) Kaushik Basu : New Delhi: Oxford University of Press.

Deshpande, A. 2007. 'Overlapping identities under liberalization: Gender and caste in India'. *Economic Development and Cultural Change*, 55(4) : 735-60.

'Where the path leads: The role of caste in post University employment expectations', with Katherine Newman. *Economic and Political Weekly*, XLII(41) : 4133-40.

2007. *Globalisation and Development: A Handbook of New Perspective*, (ed.vol.). New Delhi: Oxford University Press.

Dua, P. 2007. 'Insulation of India from the East Asian Crisis: An Analysis', (with Sinha, A.), *Singapore Economic Review*, 52: 419-43.

2007. 'Predicting Indian Business Cycles: Leading Indices for External and Domestic Sectors', *Margin - The Journal of Applied Economic Research*, 1: 249-65.

Book Chapters

2007. 'Business Cycles in India', (with Banerji, A.), in *Oxford Companion to Economics in India*, (ed.) Basu, K. New Delhi: Oxford University Press, pp. 40-4.

'Forecasting and Tracking the Indian Economy Using DSE-ECRI Leading and Coincident Indexes' (with Banerji, A.). *Business Cycle Monitor*, ICICI Bank.

Kanwar, S. 2007. 'Business Enterprise R&D, Technological Change, and Intellectual Property Protection'. *Economics Letters* : 96(7), 120-7.

Pandit, B.L. 2008. 'MNEs, Product Differentiation, Skills and Employment-Lessons from Indian Experience' (co-author), in *High-Tech Industries, Employment and Global Competitiveness*. New Delhi : Routledge.

Sen, P. 2007. 'Capital Inflows, Financial Repression and Macroeconomic Policy in India since the Reforms'. *Oxford Review of Economic Policy*.

2008. 'Tobin's Keynesian Models of Recessions and Depression Revisited' in Laixun Zhao and Takashi Kamihigashi (eds.), *International Trade and Economic Dynamics: Essays in Memory of Koji Shimomura*, Springer-Verlag.

2008. 'Population Growth and Welfare: A Re-examination' in Basu, D. (ed.), *Advances in Development Economics: Essays in Memory of Tom Kronsjo*. (Oxford).

Singh, R. 2007. 'Comparative Causation and Economic Efficiency: When Activity Levels are Constant'. *Review of Law and Economics*, 3(2).

2007. 'Causation-consistent liability, Economic Efficiency and the Law of Torts'. *International Review of Law and Economics*, 27(2).

Somanathan, R. 2007. 'The Political Economy of Public Goods: Some Evidence from India' (with Banerjee, A.). *Journal of Development Economics*, 82(2) : 287-314.

2007. 'Poverty and Exclusion', Basu, K. (ed.), *The Oxford Companion to Economics in India*. New Delhi: Oxford University Press.

2008. 'Quantifying Misallocation in Centrally Provided Public Goods', (with Athreya, S.), *Economics Letters*, 98(2) : 201-6.

Sinha, U.B. 2008. 'International Joint Venture: Buy-out and Subsidiary'. *Journal of Economic Behavior and Organization*, 65 : 734-56.

2007. 'Welfare reducing domestic cost reduction', (co-author Mukherjee, A.). *Review of International Economics*, 15(2): 294-301.

2007. 'Knowledge diffusion under patent with asymmetric firms', (co-author Mukherjee, A.). *Economics Bulletin*, 12(9): 1-6.

EAST ASIAN STUDIES

Major Activities

Published *Taiwan Today*, proceedings of the International Conference on 'Taiwan Today', December 2007.

Hosted six visiting scholars - One each from Japan and China, and four from Korea.

Japanese Overseas Co-operation Volunteer provided the Department with a voluntary language teacher to teach Japanese.

Continued the student exchange programme with Chungnam National University, South Korea, and with Chonnam National University, South Korea. Twenty-five students spent approximately one month at the Department. The Department faculty organised a series of lectures to orient them to issues about India.

Received book grants from the Embassy of the Peoples' Republic of China, Taipei Economic and Cultural Centre, Toshiba Foundation, Japan Foundation, Shinyo-en (Buddhist organisation), Japanese Literature Publishing and Promotion Centre, Japan International Cooperation Agency and the Korea Foundation.

M.Phil. Degrees awarded

M.Phil. - 2

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>
China and the Making of Bombay.	Dr. Madhavi Thampi Dr. Shalini Saksena
IT Clusters in India – What Relevance to Economic Development?	Mr. G. Balatchandirane

Programmes taken up involving Inter-institutional Collaboration

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
<i>Momo- Japanese for class VII</i> , CBSE (Convener of the Committee for Japanese language textbooks for schools under CBSE).	Ms. V. Ramalakshmi	CBSE
Team member of the Expert Committee, IGNOU, for preparing teaching material for Japanese language courses.		IGNOU

Honours/Distinctions

Prof. Madhu Bhalla: Appointment to the International Advisory Board of Ateneo Center for Asian Studies, Manila, Philippines.

Nominated for a second term to the Executive Council of the Institute for Defence Studies and Analyses, Ministry of Defence.

Prof. Sreemati Chakrabarti: Selected member of Seoul Peace Prize Committee.

Dr. Unita Sachidanand: Awarded Michael Madhusudan Award 2007-08 on Japanese Literature.

Seminars/Conferences held

Language Workshop on 'Teaching East Asia' with Institute of Chinese Studies. It was sponsored by the Embassy of Peoples' Republic of China, 24-25 April 2007.

International Conference on 'Local Governance and Public Policy: An India China Interaction' in collaboration with Sun Yat-sen University, Guangzhou, Peoples' Republic of China, along with the Institute of Chinese Studies (CSDS), 15-16 October 2007.

International Conference on 'Japan in a Resurgent Asia' with the support of Toshiba International Foundation, 7-8 March 2008.

Seminars/Conferences attended

Prof. Madhu Bhalla: Presented a paper on 'India's Policy in East Asia and the Shanghai Forum', Fudan University, Shanghai, People's Republic of China, 25 June 2007.

Presented a paper on 'Obstacle to Co-operative Security between India and China', Institute of South East Asian Studies, Fudan University, Shanghai, People's Republic of China, 28 May 2007.

Presented a paper on 'Looking at Economic Engagement between India and China', China Institute of Contemporary International Relations, Beijing, People's Republic of China, 7 June 2007.

Presented a paper on 'India's North East Policy : Development Implications for South-West China', Chinese Academy of Social Sciences, Kunming, Yunnan, People's Republic of China, 11 June 2007.

Presented a paper on 'Future Directions for Indo-China Relations', Institute for South Asian Studies, Sichuan University, Chengdu, Sichuan, People's Republic of China, 11 June 2007.

Presented a paper on 'The Generational Problem in India-China Relations', Sest China Normal University, Sichuan, People's Republic of China, 14 June 2007.

Presented a paper on 'India China Relations', 8th Joint Civil Military Training Programme on National Security, Lal Bahadur Shastri Academy, Mussoorie, 20 August 2007.

Presented a paper on 'Emerging Super Powers – A comparative Analysis of India and China', 81st Foundation Course, Lal Bahadur Shastri Academy, Mussoorie, 21 August 2007.

Presented a paper on 'China and Centralization', Conference on 'China, Russia and Central Asia', Jamia Millia Islamia, New Delhi, 13 November 2007.

Presented a paper on 'Rural India and Rural China – Policy Directions', 33rd Advanced Professional Programme in Public Administration, Indian Institute of Public Administration, March 2008.

Presented a paper on 'The Social Sectors in Chinese Economic Development', Cheena Bhavan, Vishwabharati University, Santiniketan, 25 March 2008.

Presented a paper on 'Is There an Asia without Japan', International Conference on 'Japan in a Resurgent Asia', Department of East Asian Studies, Delhi University, 8 March 2008.

Prof. Sreemati Chakrabarti: Presented a paper titled: 'India's Response to the Rise of China', 2nd General Assembly, Democratic Pacific Union, Taipei, Taiwan, 14 August 2007.

Presented a paper titled 'Poverty and Peace: New Ways of Fighting Poverty', Seoul Peace Prize Committee and SKK University, Seoul, Democratic Republic of Korea, 14 November 2007.

Presented a paper titled 'Recent Sino-Japanese Conflict: History as Battleground', Conference on 'Japan in a Resurgent Asia', Department of East Asian Studies, Delhi University, 7 March 2008.

Presented a paper titled 'Higher Education in the People's Republic of China: An Overview', Conference on 'Developments in China since Confucius', Cheena Bhavan, Vishwabharati University, Santiniketan 26 March 2008.

Prof. Brij Mohan Tankha: 'Religious Groups and Support for Japan's Colonial Empire', International Conference in Honour of Professor Ben-Ami Shillony, Department of East Asian Studies, The Louis Frieberg Center for East Asian Studies and the Harry S. Truman Institute for the Advancement of Peace, 29 April-2 May 2007.

'The Predicament of Japanese Pan-Asianism in a Globalised World', International Conference on Pan-Asianism, East Asia Department, Bogazici University, Istanbul, Turkey, 9 May 2007.

As Visiting Professor, gave four lectures on Japanese History, Institute of Chinese Literature, Northeast Normal University, Changchun, China, September 2007.

Presented a paper, 'India-Japan and Modern Buddhist Networks', India-Japan Conference for ICCR India-Japan: Exploring the Past, Charting the Future in collaboration with Ryukoku University, Kyoto, Japan, 5 October 2007.

'East Asia Democracies and East Asian Community Building', Organisation for Asian Studies, Waseda University 125th Anniversary International Symposium, 15-16 October 2007.

'Ajiashi to shite Nihonshi' ('Japanese History as Asian History'), three lectures in Japanese, Chiba University, Tokyo, 22-29 November and 6 December 2007.

'Indo kara mita Nihon' ('Indian Perceptions of Japan'), Ritsumeikan University, Kyoto, 14 December 2007.

'Bukkyo, ajia to kindai Nihon' ('Buddhism, Asia and Modern Japan'), Ryukoku University, Kyoto, 17 December 2007.

'Tabibito no kioku: Indotonihon no kindaiishi' ('Travel and Memory: India-Japan and Modern History'), Organisation of Asian Studies, Waseda University, 18 January 2008.

'Tabibito no kioku: Nihon to Indo no kindai' ('Travel and Memory: Modern India and Japan'), Hitotsubashi University, Tokyo, 22 February 2008.

Ms. V. Ramalakshmi : Presented a paper 'Japan's Language Policy: Changing Priorities', Conference titled 'Japan in a Resurgent Asia', Department of East Asian Studies, 7-8 March 2008.

Presented a paper 'The New Woman of Hiratsuka Raichou', at a Conference on Japanese Cultural Studies, CJKNEAS, School of Languages, Literature and Culture Studies, Jawaharlal Nehru University, New Delhi, 28 March 2008.

Dr. Unita Sachidanand : Presented a paper 'Japanese Poetry in Translation and Indo-Japan Poetry on Mutual Themes: An Overview', attended a three-day Conference on Transcending Cultural Aestheticism: Exploring Literary Exchanges between India and Japan in Poetic Forms and Content', Takushoku University, Tokyo; organised in collaboration with IJALC, Jawaharlal Nehru University, Delhi University, Sahitya Akademi, ICCR and Takushoku University, Japan, 23-25 November 2007.

Presented a paper title 'Kitahara Hakushu: Emergence of New Poetry in Meiji Japan', Seminar on Japanese Culture, Jawaharlal Nehru University, New Delhi, 28 March 2008.

Dr. Anita Sharma : Presented a paper 'Buddhism and Deep Ecology', International Conference on 'Syncretism in South and South-East Asia: Adoption and Adaptation', Institute of Language and Culture for Rural Development, Mahidol University, Thailand, 24-27 May 2007.

Presented a paper 'Religion in India: Conflict and Co-existence' in Beijing Forum, Beijing, China, 2-4 November 2007.

Presented a paper 'Buddhist Nuns and Their Social Activities in Contemporary Taiwan', International Conference on 'Religion and the Formation of New Publics', University of Santo Tomas, Manila, Philippines, 23-26 January 2008.

Dr. Madhavi Thampi : Presented a paper 'The Development of Chinese Historiography in the Twentieth Century', International Seminar on 'The Developments in China since Confucius', Cheena Bhavan, Vishwabharati University, Santiniketan, 25-26 March 2008.

Dr. Ravni Thakur: Presented a paper 'China and India: Mutual Perceptions', at South Asia Security Conference, Shenzhen University, China, April 2007.

Presented a paper 'Playing a Balancing Game: India, China and Japan Today', at conference 'Japan in a Resurgent Asia', Department of East Asian Studies, March 2008.

Mr. G. Balatchandirane : Presented a paper 'Japanese IT Market and Outsourcing : Potential for India', International Seminar on India-Japan: A New Era Relationship under the auspices of the India-Japan Round Table, Centre for East Asian Studies, School of International Studies, Jawaharlal Nehru University, New Delhi, 16 November 2007.

Presented a paper 'Rise of the Dragon and the Elephant in IT Outsourcing: Issues for Japan', International Conference on 'Japan in a Resurgent Asia', Department of East Asian Studies, Delhi University, 7-8 March 2008.

Publications

Chapter in Book

Bhalla, M. 2007. 'Issues in Cooperative Security – China and North East Asian Strategic Concern' in Sushila Narsimhan and Kim Do-young (eds.) *Korea in Search of a Global Role*, New Delhi: Mayank Publications, pp. 58-91.

Balatchandirane, G. 2007. 'Women's Education and Development: East Asian Lessons for South Asia', in Jandhyala, Tilak, B.G. (ed.), *Women's Education and Development*, New Delhi: Gyan Publishing House, pp. 35-70.

Books

Chakrabarti, S. 2007. *China*, New Delhi: National Book Trust.

2007. *Taiwan Today* with Sharma, A. (ed), London, New York and New Delhi: Anthem Press.

Tankha, B.M. 2008. Translated from the Japanese Sato Tadao, (Mizoguchi Kenji no Sekai) *Kenzo Mizoguchi and The Art of Japanese Cinema* Berg Publishers.

(ed.). 2007. *Shadows of the Past Of Okakura Tenshin and Pan-Asianism*. Kolkata: Sampark

Sharma, A. and Chakrabarti, S. (eds). 2007. *Taiwan Today*, New Delhi, London, New York: Anthem Press.

Thampi, M. (ed.) 2007. 'Review of Chinese Studies in India: A Colloquium', Institute of Chinese Studies, Occasional Paper No. 15.

Articles

Chakrabarti, S. 2007. 'The Party-State and Culture in the People's Republic of China: From Politics to Market', *Area Studies*, 1(1): pp. 130-45.

2007. 'Chinese Studies in India: A Review' in Thampi, M. (ed.) *Review of China Studies in India*, Occasional Studies, Institute of Chinese Studies.

Tankha, B. M. 2007. (ed.). 'Envisioning Asia – A Symposium on the Changing Relations between India, China and Japan'. Seminar, and 'Genealogies of Asia', pp. 14-23.

Unita Sachidanand, U. and Yoshitsugu, M. (eds) 2007. *Ganga Bahati Hai, Ganga wa Nagareru* (Bilingual; Hindi and Japanese), Indo-Japan Association for Literature, Culture and Akogare no kai.

2007. *Anant ki Oar, Eiei no Ho he* (Bilingual; Hindi and Japanese), Indo-Japan Association for Literature, Culture and Akogare no kai.

2007. *Nikat Hum, Chikazukeri* (Bilingual; Hindi and Japanese), Indo-Japan Association for Literature, Culture and Akogare no kai.

2007. Dhuaan, Kemuri: *Ishikawa takuboku Ke Tanka Ka Hindi Anuwad* (Bilingual; Hindi and Japanese), Indo-Japan Association for Literature, Culture and Akogare no kai.

2007. Swasanniddya: *Ishikawa takuboku ke Tanka Ka Hindi anuwad* (Bilingual; Hindi & Japanese), Indo-Japan Association for Literature & Culture & Akogare no kai.

Sharma, A. 2007. 'Tzu Chi: A Case Study of Engaged Buddhism in Taiwan'. In *Taiwan Today* Sharma, A. and Chakrabarti, S. (ed), New Delhi, London, New York: Anthem Press.

2007. 'India and China: Colonial Encounters', *Seminar* May 2007, issue on 'Envisioning Asia'.

GEOGRAPHY

Major Activities

The Department has been active in organising Seminars and Research Forums. A scientific field trip was organised to Delhi–Puri-Balugon-Gopalpur-Puddicherry-Delhi under the supervision of Dr. Barkatullah Khan and Mr. Kiran Bhairannavar under the University Grants Commission DRS-II SAP Programme. The Department partially sponsored some Master field work dissertation work. The Department has improved and equipped its cartographic laboratory and a Remote Sensing laboratory.

Ph.D./M.Phil. Degrees awarded

Ph.D. - 7

M.Phil. - 14

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
DRS-II Special Assistance Programme on Natural Resource Management and Environmental Implications, and Urban and Regional Planning.	Prof. H. Ramachandran	UGC

Honours/Distinctions

Prof. S.K. Aggarwal: Visiting Professor, University of Washington, Seattle/Tacoma, 19-27 November 2007.

Dr. R.B. Singh: Nominated Special Representative, World Association of Soil and Water Conservation, August 2007.

Selected among 10 scientists for inclusion in 'Making A Difference: Profiles of Shastri Institute Participants' on the Occasion of the 40th Anniversary of Shastri Indo-Canadian Institute, Category, Canada.

Nominated Member of the Editorial Advisory Board, *Indian Journal of Development Research and Social Action* 2007.

Seminar/Conference held

'Metropolitan Regional Planning – Status and Prospects' under UGC-SAP, 14-15 March 2008.

Seminars/Conferences attended

Prof. B. Thakur: Presented a paper on 'Thirst for water in Indian megacities', 103rd Annual Conference of the Association of American Geographers, San Francisco, USA, 19 April.

Prof. S.K. Aggarwal: Prepared and presented three modules on Urban Governance for Inter-country Workshop for Healthy Setting, Co-ordinators for WHO Training in Managing Healthy Settings, Male, Maldives, 13-15 November 2007.

Lectures delivered at the University of Washington, Seattle/Tacoma, 23-26 October 2007.

- Delhi: Towards a global city
- Global environment change and health security
- Delhi: Opportunities and threats to an Asian mega city
- Development projects, induced displacement and resettlement issues in developing Countries.
- Environmental health challenges in India.
- 'Strengthening healthy cities in Southeast Asia'. Lecture delivered at Geography Department, Kent State University, Kent, Ohio, 2 November 2007.
- 'Building community action to address social determinants through women's empowerment-SEWA Study', 'paper presented at WHO-SEARO Regional Consultation on Social Determinants of Health, Colombo, Sri Lanka, 2-4 October 2007.

Dr. R.B. Singh: International Conference on Human Security, Bangkok, Thailand, 4-5 October 2007.

International Symposium on 'Sustainable urban environment', Tokyo Metropolitan University, Tokyo, Japan, 9-10 November 2007.

Dr. S.C. Rai and Ashis K. Saha: International Workshop on 'Cryosphere and Hazards for the Hindu Kush Himalaya and Tibetan Plateau', ICIMOD, Kathmandu, Nepal, 31-March-2 April 2008.

Ashis K. Saha: Presented paper 'Success Rate of Landslide Susceptibility Zonation methods in the Himalaya's.

Prof. B. Thakur and Amrita Bajaj: Presented a paper on 'Variation in drinking water quality in Ghaziabad city', 29th Annual Conference of National Association of Geographers, India, Department of Geography, M.S. University, Udaipur, 19-21 November, 2007.

Prof. B. Thakur and Prof. Rajesh Kumar Abhay: Presented a paper on 'Water scarcity and its management in Sikar District', 29th Annual Conference of National Association of Geographers, India, Department of Geography, M.S. University, Udaipur, 19-21 November, 2007.

Prof. B. Thakur and Sarika Sharma: Presented a paper on 'Spatial analysis of water supply and demand in Patna', 29th Annual Conference of National Association of Geographers, India, Department of Geography, M.S. University, Udaipur, 19-21 November, 2007.

Delivered a special Lecture on 'Urbanisation and development: Conceptual approaches', 9th Association of Geographers of Bihar and Jharkhand, Nalanda Open University, Patna, 9 December, 2007.

Delivered an invited 'Lecture on 'Disaster occurrence and its management in India', Annual Convention of the Andhra Pradesh Akademi of Sciences and National Symposium on 'Science in the 21st Century', Sri Krishnadevraya University, Anantpur, Andhra Pradesh, 5-6 February, 2008.

Delivered a special Lecture on 'Paradigms in geographical research', National Seminar on Spatial Geo-Informatics and Geography, Department of Geography, University of Burdwan, Burdwan, 28 March, 2008.

Delivered invited lecture on 'Water management in disaster regions', 95th Indian Science Congress, Environmental Sciences Section, Andhra University, Visakhapatnam, 3-7 January, 2008.

Delivered an invited 'Lecture on 'The political economy of water management in disaster regions: A study of north Bihar', Annual Conference on 'Geomorphology in Disaster Management', Department of Geography, Banaras Hindu University, Varanasi, 15-16 February, 2008.

Delivered an invited Lecture on 'Water management in India', Department of Geography, Aditi Mahavidyalaya, Delhi University, Delhi, 12 March, 2008.

Chaired a Session on Water Resources, 29th Annual Conference of National Association of Geographers, India, M.S. University, Udaipur, 20 November, 2007.

Chaired a Session on Human Geography, 9th Association of Geographers of Bihar and Jharkhand, Nalanda Open University, Patna, 9 December, 2007.

Chaired a Session on Water Resources, at Annual Conference on 'Geomorphology in Disaster Management', Department of Geography, Banaras Hindu University, Varanasi, 16 February, 2008.

Prof. S.K. Aggarwal: Delivered Special invited Lecture 'Food Insecurity in Urban India', XXIX Institute of Indian Geographers Meet on 'Land, Water and Food Security: Globalization Perspectives', Panjabi University, Patiala, 31 March 2008.

Delivered keynote address, 'Understanding and Mapping Human Vulnerability to Urban Disasters', National Seminar on Human Vulnerability to Cyclone Hazards in the Coastal Regions, Utkal University, Bhubaneswar, 25 March 2008.

Delivered 'Valedictory address 'Lobal Environment Change and Human Health', National 'Seminar on Sustainable Environment Development', Aligarh Muslim University, Aligarh, 15 March 2008.

Delivered keynote, 'Urban Settlement Dynamics in Context to New Driving Forces', National Seminar on 'Human Settlement Dynamics in Context to Population, Economy and Environment', Panjab University, Chandigarh, 3 March 2008.

Invited special Lecture on 'Urban Governance Approach Towards Pune-20025', Dialogue: Pune 20025: A vision for the future mega city--challenges and perspectives', Bharti Vidyapeeth University, Pune, 19 January 2008.

Chaired a session on 'Urban corridors in India: An example of territorial integration?' at an International Workshop on 'Territorial Integration and Exclusion: Impact of Urban Policies and Law'. organised by the Centre de Sciences Humaines, New Delhi, 31 January-1 February 2008.

Dr. B. Khan: Attended National Workshop on 'The Impact of Deforestation in Rural India: A Case study of KBK Region on Titilagarh, 29-30 March, 2008, the key note delivered.

Dr. S.C. Rai: Attended the 29th Annual Conferences of National Association of Geographers, India, Department of Geography, M.S. University, Udaipur, 19-21 November.

Dr. Anindita Datta: Presented a paper 'Voices from the Bamboo Forest: Gender Issues in North-East India', at the National Seminar on Gender and Space: Discourses from Women in India', Council for Social Development, 7 September 2007.

Presented a paper 'Re-Assessing Gender, Gender Disparities and Gender Issues in North-East India: A Socio-Geographic Perspective' at the National Seminar on 'Tradition, Continuity, Change: An Assessment Into the Gender Disparity in the Context of North-East India', Internal Quality Assurance Cell, St. Mary's College, Shillong, 15 May 2007.

Kiran Bhairannwar: Represented Delhi University at the '5th International Conference of Critical Geography', Mumbai, 3-7 December 2007, and presented a paper titled 'Street and the Sexual Other: Exploring Homosexual Life in streets of Delhi'.

Ashis K. Saha: CBRI Diamond Jubilee Conference on 'Landslide Management: Present Scenario and Future Directions', Central Building Research Institute, Roorkee, 10-12 February 2008.

Presented a paper on GIS-based Statistical Landslide Susceptibility Zonation in the Chamoli Region, Himalayas'.

Publications

Books

Thakur, B. (Senior ed.) *City, Society and Planning: Essays in Honour of Professor Ashok K. Dutt*, with Pomeroy, G., Cusak, C. and Thakur, S.K., 3 Vols. Delhi: Concept.

(Editor) *Perspectives in Resource Management in Developing Countries: Ecological Degradation of Land*, New Delhi: Concept, Vol. 3.

Aggarwal, S.K. 2007. 'Urban Development in India: Introduction', in (ed.) Aggarwal, S.K., *Perspectives on Urban Development in India. Essays by V. Nath*, New Delhi: Concept Publishers.

'Metropolitan Growth and Planning in India: An Introduction' in (ed) Aggarwal, S.K., *Urban-Regional Development in India: Essays by V. Nath*, New Delhi: Concept Publishers.

Singh, R.R. 2008. *Land Use: Reflections on Spatial Informatics, Agriculture and Development* (jointly with Jha, M.M.) New Delhi: Concept Publishers, p. 318.

2007. *Spatial Information Technology for Natural Resource Management*, (ed.) (Jointly with Mohammad, N. and Datta, A.) New Delhi: Concept Publishers, p. 180.

Rai, S.C. 2007. 'Traditional Ecological Knowledge and Community based Natural Resource Management in Northeast region of India'. *Journal of Mountain Science*, China, P.R., 4(3): 248-58.

Sharma, P. and Rai, S.C. 2007. Carbon sequestration with land-use cover change in a Himalayan watershed. *GEODERMA*, The Netherlands, 139: 371-8.

2007. 'Economic Viability of Livestock-fodder relationship in a Himalayan watershed', in *City, Society and Planning*, (eds) Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K., Vol. III. New Delhi: Concept Publishers pp. 376-88.

Thakur, B. 'Intra-village and Inter-village response to urbanization in the rural-urban fringe of Delhi', in Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K. (eds.), *City, Society and Planning, Vol. I: Cities*. Delhi: Concept publishers (with Dhahiya, B.S.), pp. 476-93.

2007. 'Locational analysis of elite residential colonies in Delhi', in Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K. (eds), *City, Society and Planning: Vol. Cities*, Delhi: Concept (with Sagu, A.K.), pp. 494-522.

2007. 'Monitoring land use change in Saharanpur city', in Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K. (eds), *City, Society and Planning, Vol.I. Cities*, Delhi: Concept publishers (with Bansal, S.C.), pp. 1, 523-45.

2007. 'The folk culture of Mithila', in Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K. (eds), *City, Society and Planning Society, Vol.II* Delhi: Concept, pp.422-46.

2007. 'Regional imbalances in socio-economic development in India', in Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K. (eds), *City, Society and Planning, Vol. III: Planning*, Delhi: Concept publishers (with Sharma, P.), pp. 224-43.

2007. 'Environmental sustainability in the Nepal Himalaya', in Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K. (eds), *City, Society and Planning, Vol.III. Planning*, Delhi: Concept publishers (with Poudel, K.P.), 292-303.

2007. 'The changing pattern of banana cultivation in Vaishali district, Bihar', in Thakur, B., Pomeroy, G., Christopher, C. and Thakur, S.K. (eds) *City, Society and Planning, Vol.III. Planning*, Delhi: Concept publishers (Varsha Tanu), pp. 442-63.

'Emerging trends in India's resource development: Implications for Sustainable Management', in Thakur, B. (ed.), *Perspectives in Resource Management in Developing Countries*, Vol.II. 'Population, Resources and Development. Vol.II. New Delhi, concept publishers, pp. 1-87.

'A geographical analysis of land acquisition for urban development: A study of Delhi', in Thakur, B. (ed.) *Perspectives in Resource Management in Developing Countries*; Vol. 3: *Ecological Degradation of Land*. New Delhi: Concept publishers (with Kapoor, A.), pp. 277-95.

'Capability classification and reclamation of wasteland in Etawah District, U.P'. Bin Thakur, B. (ed.) *Perspectives in Resource Management in Developing Countries, 3: Ecological Degradation of Land*, New Delhi: Concept publishers (with Bajpai, M.), pp. 323-61.

'Caste and land quality in Bihar: A case study of six villages', in Dutt, A.K., Misra, H.N. and Chatterjee, M. (eds) *Explorations in Applied Geography: Felicitation Volume in Honour of Prof. Lekh Raj Singh*. New Delhi: Prentice-Hall of India (with Rajeev Ranjan Kr. Sinha), pp. 491-510.

Singh, R.B. 2007. 'Land use/cover change, Environment and Climate change in Delhi Metropolitan Region: Towards promoting sustainable city', in proceedings of the International Symposium on Sustainable Environment, Tikyo Metropolitan University, Tokyo, pp. 73-9.

2008. 'Geographical Analysis of Water Logging Induced Land Degradation in Karnal District of Haryana', (with Singh, M.), in *Perspectives in Resource Management in Developing Countries*, Vol. 3, (ed.) Thakur, B. New Delhi: Concept Publishers pp. 196-311.

2007. 'Local Governance in Disaster Management through Vulneability Analysis and Mitigation', in *Disaster Management in India-Perspective, Issues and Strategies*, (eds) Rai, N. and Singh, A.K., Lucknow: New Royal Book, pp. 93-107.

2007. 'Challenges of Flood Disaster Management: A Case study of Noida' (with Singh, S.), in *Disaster Management: Future Challenges and Opportunities*, (ed.) Singh, J. New Delhi: I.K. Int. Pub. House, pp. 15-30.

2007. 'Temporal Transport Hazard Dynamics: A Case Study of Delhi' (with Singh, S.), in *Disaster Management: Future Challenges and Opportunities*, (ed.) Singh, J. New Delhi: I.K. Int. Pub. House, pp. 95-112.

2007. 'Biodiversity in the High Altitude Lakes of Ladakh: Threats and Opportunities', (with Anand, A.). *Annals of NAGI*, Vol. 26, No.2, pp. 10-7.

Datta, A. 2008. 'Re-imaging Impossible Worlds: Beyond Circumcised Geographical Imaginations' in *Progress in Human Geography*, Vol. 32, No. 8.

2008. Space, 'Gender and Social Value' in Dutt, A., Thakur, B., Pomeroy, G. and Wadhwa, V. (eds.). *Social Geography in the 21st Century*, New Delhi: Concept Publishers.

HISTORY

Publications

Books

Shrimali, K.M. 2008. *A Comprehensive History of India*, Vol. IV (b), jointly edited with Professor R.S. Sharma , New Delhi : Manohar.

Amin, S. 2007. *Event Memory and Metapho: Chauri Chaura, 1922-199*, (revised).New Delhi : Penguin.

Singh, U. 2008. *A History of Ancient and Early Medieval India From the Stone Age of the 12th Century*. New Delhi: Pearson Education.

Shahabuddin, G. and Rangarajan, M. ed. 2007. *Making Conservation Work, Securing Biodiversity in this new Century*. Delhi: Permanent Black, pp. 300.

Research Papers

Jafri, S. Z. H. 2008. 'Sufi Tradition and Popular Literature: Chishti Ideology, the Awadhi dialect and local practices' in Singh, S. and Dayal, I. (eds) *Popular Literature and Pre-Modern Societies in South Asia*, Delhi : Pearson/Longman; pp. 271-80.

2008. 'Voices of the Vanquished: The Indegenous Literature in the Rebels World' in Narain, K. and Dias, M.C. (eds) *1857 Revisited: Myth and Reality*'. Mumbai: Himalaya Publishing House, pp. 113-30.

2008. 'Indigenous Discourse and Modern Historiography of 1857: The Case Study of Maulvi Ahmad Ullah Shah' in Bhattacharya, S. (eds), *Rethinking 1857*. New Delhi : Orient Longman, pp. 237-260. Reprinted in paper back edition.

Rangarajan, M. 2007. 'The Religious Shade of the Rebellion', *Economic and Political Weekly*, Mumbai, XLII, No. 19, 1681-82.

Mohapatra, P. 2008. With Marcel van der Linden (Co-ed.) *Labour Matters: Towards Global Histories*, New Delhi: Tulika Books.

2008. 'From Contract to Status? Or How Law Shaped Labour Relations in Colonial India 1770-1920' in Breman, Jan, Guerin, I. and Prakash, A. (ed.) *Debt Bondage in India*. OUP. New Delhi.

2008. 'Antinomies of Contract: A Genealogy of Labour Relations in India, 1770-1950, (In special issue on Law and Labour in a comparative perspective in *International Review of Social History*, Vol. 53, No. 4.

2007. 'Eurocentrism, Forced Labour and Global Migration. A Critical Assessment' *International Review of Social History*, Vol. 52, No. 1.

Papers Published

Rangarajan, M. 'The problem' Editorial of issue of *Seminar*, 'Nature, wildlife, people', No. 577, September. Anchored the issue with Shahabuddin, G.

'Retreating elephant, vanishing tiger, the environmental legacies of India and China', in Pande, I. (ed.), *India at Sixty*, Delhi: Harper Collins.

2008. 'Why Mayawati matters', *Seminar*, January.

POLITICAL SCIENCE

Ph.D./M.Phil. Degrees awarded

Ph.D. - 8

M.Phil. - 21

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Federation in South Asia: A Comparative Study of India and Pakistan.	Dr. Veena Kukreja	UGC Major Research
Mapping Social Exclusion and Rights of Representation: A Study of Student's Union Body in Central Universities of India.	Dr. N. Sukumar	UGC Major Research
Reasserting and Reinventing the Public in the Delivery of Services: Poverty and Rural Drinking Water.	Dr. Satyajit Singh	Delhi University

Seminars/Conferences attended

Dr. P.K. Datta: 'New modes of spatial governance in contemporary India', The ENRECA concluding Conference on 'Political and cultural institutions of development: Reflections and new research directions in Africa and Asia', Kampala, Uganda, 28-29 May 2007.

Dr. Satyajit Singh: 'Methodology for Support to National Policy and MDG Strategies - Rural Water Supply' 'Technical Workshop in Improving Local Service Delivery for MDGs in Asia', UNICEF, UNCDF and UNDP, Bangkok, October 2007.

'Reforming the Centralized State: Assessing Decentralization Paradigms in the Drinking Water Sector in the Philippines', International Conference on 'The Role of the State in Public Service Delivery' at the Lee Kuan Yew School of Public Policy, National University of Singapore, September 2007.

Dr. Veena Kukreja: International Conference on Federation, New Delhi, 4-7 November 2007.

International Conference on South Asia, IDSA, 1-6 February 2008.

Dr. N. Sukumar: 'Ambedkar and Political Rights', paper presented in Asian Conceptions of Justice', 3rd Asian Political and International Studies Association Congress, 23-25 November 2007.

'Politics of Poverty and Grassroots governance: Andhra Pradesh Experience', presented paper at International Conference on 'Local Governance and Public Policy: An India China Interaction, East Asian Studies and Institute of Chinese Studies, Delhi University, 15-16 October 2007.

Dr. Satyajit Singh: 'Environment and Justice: The Public Purpose of Water', 'Asian Conceptions of Justice', 3rd Asian Political and International Studies Association Congress, 23-25 November 2007, Delhi University.

Dr. Ujjwal Kumar Singh: 'Law and Human Rights' presented at the UGC National Seminar on 'Probing Contemporary Indian Society', Miranda House, Delhi University, 5-6 February 2008.

'Democracy, Resistance and the Rule of Law' presented at the UGC National Seminar on 'State, Democracy and Development in India', Motilal Nehru College, Delhi University, 17-18 March 2008.

Organised a panel on 'Security Laws: Anti-terror laws and the Securitization of Liberty', Human Rights Assembly convened by Amnesty International, India International Centre, New Delhi, 1-2 April 2007.

Dr. N. Sukumar: 'Identity Politics In Andhra Pradesh', presented paper in a UGC National Seminar on 'State, Democracy and Development in India', Motilal Nehru College, Delhi University, 28-29 March 2008.

'Every day Exclusion in Higher Learning Institutions: Experiences from Hyderabad University', paper presented in a National Seminar in Zakir Hussain College, Delhi University, 20-21 March 2008.

'Telugu Dalit Writings and Gender Consciousness', paper presented in a National Conference, Daulat Ram College, Delhi University, 23--24 November 2007.

Publications

Books

Vanaik, A. (ed.) 2007. *Masks of Empire*, New Delhi: Tulika Publishers.

Kukreja, V. and Singh, M.P. (eds) 2008. *Democracy, Development and Discontent in South Asia*. New Delhi: Sage.

Datta, P.K., Sankaran, K. and Singh, U.K. (eds). 2008. *Towards Legal Literacy: An Introduction to the Laws in India*. Delhi, Oxford University Press.

Singh, S. (co-ed.) 2007. *Decentralization: Institutions and Politics in Rural India*. Delhi: Oxford University Press.

Research Articles in books or scholarly journals

Chandhoke, N. et. al. 2007. 'The Displaced of Ahmedabad', *Economic and Political Weekly*, Vol. XLII, No. 43, pp. 10-4.

2007. 'Global Civil Society and Global Justice', *Economic and Political Weekly*, pp. 3016-26.

2007. 'Democracy and Well Being in India, in Yusuf Bangura (ed.), *Democracy and Social Policy*, Delhi: Macmillan Palgrave, pp. 164-87.

2007. 'Thinking Through Social and Economic Right' in Daniel Bell and Jean Marc Coicoud (eds) *Ethics in Action*. Cambridge: Cambridge University Press.

2007. 'Negotiating Linguistic Diversity: A Comparative Study of India and the United States' in Bajpai, K.S. (ed.) *Democracy and Diversity, India and the American Experience*. OUP, Delhi, pp.107-43.

Singh, U.K. 2008. 'Statutory Frameworks and Institutional Arrangements: India', in *Electoral Processes and Governance in South Asia*, Mendis, D. (ed.), Delhi: Sage, 8: 178-212.

2008. 'The Silent Erosion: Anti-Terror Laws and Shifting Contours of Jurisprudence in India', in *Conflict, Power and the Landscape of Constitutionalism*, Samaddar, R. and Tarabout, G. (eds), Delhi & Abingdon: Routledge, 5: 93-128.

Sukumar, N. 2008. 'Emerging Semi Fascist Order in India: Ambedkar's Perspective' in *Ambedkar in Retrospect* (ed.) by Thorat, S.K. New Delhi: Kanishka Publications.

Singh, S. 2007. 'Reforming the Centralized State: Assessing Decentralization Paradigms in the Drinking Water Sector in the Philippines', *Policy and Society*, Vol 26, No 2.

2008. 'Environment and Justice: The Public Purpose of Water', in Bharghav, R., Dusche, M. and Reifeld, H. (eds), *Justice: Social, Political, Judicial*. New Delhi: Sage.

2007. Introduction: Decentralisation - Institutions and Politics in India' in Singh, S. and Sharma, P. (eds.), *Decentralization: Institutions and Politics in Rural India*. Delhi: Oxford University Press.

2007. 'Water and Local Governments: Institutional Design, Politics and Implementation', in Singh, S. and Sharma, P. (eds.), *Decentralization: Institutions and Politics in Rural India*. Delhi: Oxford University Press.

2008. 'Decentralising Water: Reforming the Rural Water Sector in South Asia', *South Asian Journal*, No 19.

Datta, P.K. 2007. 'The Interlocking worlds of the Anglo-Boer War in South Africa/India', *South African Historical Journal*, No. 57.

SOCIOLOGY

Major Activities

During the last academic year, the Department organised two workshops on different themes with participation of scholars from various parts of India and abroad. It also organised two M.Phil. and Ph.D. students' workshops. In its ongoing Research Colloquium, 19 scholars presented their research work. The Department has also been visited by seven visiting fellows from different parts of the globe. The Department continued with its three foreign exchange programmes with Rutgers University, University of Washington, University of Finland, University of Heidelberg and Hamburg in Germany and University of California, under which students visited the Department. The Department entered its 50th year of existence and an integral part of Delhi University. On the occasion of the first Golden Jubilee lecture, Prof. Deepak Pental, Vice Chancellor of Delhi University, recalled the proud traditions of the University, of which the Sociology Department was a significant part. It plans over the year ahead to celebrate, to introspect as it celebrates and also to think about how the Department sees itself in the years ahead.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	4
M.Phil.	-	11

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
The Political and Social Economy of Care in India.	Rajni Palriwala	Centre for Economic and Social Studies and Centre for Women's Development Studies, New Delhi.
Adverse Juvenile Sex Ratio in Select Districts of Madhya Pradesh, Himachal Pradesh, Rajasthan, Haryana, Punjab.	Rajni Palriwala	Aid-IDRC

Condition of Widows in Three States of North India.	Rajni Palriwala	Widows Rights International, London/CWDS Delhi.
Local Self-governance and Reproductive Choice: Study of a Division in Rajasthan.	Tulsi Patel	The Hunger Project, New Delhi.
Rising Caesarean section Births: A study of Medical personnel in Delhi.	Tulsi Patel	Delhi University, (R&D).
Dalits in the Muslim and Christian Communities: A Status Report on Current Social Scientific Knowledge.	Satish Deshpande	National Commission on Minorities, Government of India.
Folk Art, State Patronage and the Global Market.	Roma Chatterji	India Foundation for the Arts/University of Delhi, (R&D).
Globalization and Masculinities. Border Communities in Transition: Exploring Changes in the Lavi Fair, Himachal Pradesh.	Deepak Mehta Sudha Vasan	ICES, Colombo, Sri Lanka. Department of Sociology, Delhi University
Institutionalizing Forestry Research in India: The Forest Research Institute, Dehradun.	Sudha Vasan	Government of India's Project of the History of Indian Science, Philosophy and Culture (PHISPC) 2007.
Social Construction of Heart Diseases in India.	Arima Mishra	Department of Sociology, Delhi University.
Childhood Obesity: Sociological and Public Health Perspectives.	Arima Mishra	Department of Sociology, Delhi University.

Programmes taken up involving Inter-institutional Collaboration

Affiliation of Ph.D. students in the Department: Four registered Ph.D. students from universities are affiliated with the Department. All four have been assigned faculty members who work in relevant areas as their supervisors. Three of the students' work falls in the thrust areas of Environment and Society and State and Society, with specific reference to Globalization.

Australia and UK

Appointment of faculty members to higher Posts/Assignments

Roma Chatterji: Board of Institute of Socioeconomic Research on Development and Democracy.

Editorial Board of *South Asian Journal of Visual Culture*.

Satish Deshpande: Convenor of the Course Committee on Sociology, Central Board of Secondary Education.

UGC-nominated Member, Advisory Board, Centre for the Study of Social Exclusion and Inclusive Policies, Jadavpur University, Kolkata.

Arima Mishra: On the Visiting Faculty of the Department of Anthropology, Post Graduate Programme on Social Work, Sambalpur University, Orissa, May 2007 onwards.

American Anthropological Association since April 2008.

Tulsi Patel: Joint Advisory Committee, Department of Sociology, Punjab University, Chandigarh.

SAP Advisory Committee, Department of Sociology, Maharishi Dayanand University, Rohtak.

Board of Studies, Faculty of Social Sciences, Ravi Shankar Shukla University, Raipur, Chhatisgarh.

Board of Studies, Faculty of Social Sciences, M.S. University, Baroda, Vadodara.

ICSSR Committee for celebrating 150th year of India's first struggle for freedom (1857).

Convenor, Research Committee on Population, Health and Society (RC 12) of the Indian Sociological Society since November 2007.

Nandini Sundar: Co-editor, *Contributions to Indian Sociology*, 2007 onwards.

Sudha Vasan: Book Reviews Editor, *Conservation and Society*.

Seminars/Conferences held

Organised an International Workshop on 'The Contemporary Indian Family: Continuity and Change', Department of Sociology, Delhi University, 18-19 March 2008.

Dr. Sudha Vasan: International Workshop on Political Ecology, Department of Sociology, Delhi University, 6-7 March 2008.

Seminars/Conferences attended

Satish Deshpande: Presented a Paper: 'Revisioning Social Justice: The Embattled Present And Volatile Future Of Positive Action Discourses In India', Multinational Research and Development Workshop on Social Integration Discourses, Rockefeller Study Centre, African American Policy Forum, Bellagio, Italy, 1-10 August 2007.

Deepak Mehta: Presented a paper 'Witnessing and the Mystic Body' in an International Conference on 'Masculinities and Globalization', Colombo, Sri Lanka, 11-13 August 2007.

Paper presented 'Witnessing and the Mystic Body' – In an International traveling Seminar on masculinities, in Kathmandu, Nepal.

Rajni Palriwala: 'Comparing across continents: Care in The Netherlands and India', Conference on 'Perspectives of cultural studies. New research developments', Freie Universität, Berlin, 2007.

'The Political Economy of Care in Liberalised India: Demographic, Political and Economic Trends'. International Workshop on 'The Social and Political Economy of Care', UNRISD, Geneva, 2007.

R. Palriwala and N. Pillai: 'The analysis of time use data: Work/care regimes and the care diamond'. International Workshop on 'The Social and Political Economy of Care', UNRISD, Geneva, 2007.

Nandini Sundar: Paper on Salwa Judum at Conference on 'Everyday Life with Maoism', Goldsmiths and Lancaster University.

'Two disciplines, 2 desires: The practice of sociology and anthropology in India', Talk to Anthropology graduate students colloquium, Department of Anthropology, Yale University, 1 October 2007.

'The Rule of Law and the Rule of Property: Law-Struggles and the Neo-liberal State in India', Talk at the South Asia Centre, Yale University, 3 October 2007.

'The immoral economy of counterinsurgency in India', Agrarian studies Colloquium, Yale University, 5 October 2007.

'Public and Private Partnerships in the Industry of Insecurity', Talk at South Asia Centre, University of Washington, Seattle, 18 October 2007.

Satish Deshpande: Presented a paper: 'Regulating Access to Higher Education in India: Social justice and credential capital in a poor and unequal society', on Programme for the Study of Discrimination and Social Exclusion, Jawaharlal Nehru University and Centre for Comparative Constitutionalism, University of Chicago. Conference on 'Affirmative Action in Higher Education in India', the United States and South Africa, 19-21 March 2008.

Presented a paper on 'Caste Inequalities in Cotemporary India: Comparisons Based on NSSO 55th and 61st Rounds', International Seminar on 'Social Development, Social Movements and the Marginalised', Indira Gandhi National Open University, 16-19 February 2008.

Presentation: 'Backwardness, Discrimination and Size: The Discursive Dimensions of Minority Status', Seminar on 'India's Religious Minorities: Democracy, Development and Citizenship', Jawaharlal Nehru University, Indian Institute of Dalit Studies and University of Birmingham, UK, 8-9 February 2008.

Discussant for one session, Workshop on Social Exclusion, Princeton University and Indian Institute of Dalit Studies, Delhi, 26-27 October 2007.

India-United States Scholarly Dialogue on Affirmative Action, Institute for Social Sciences, Delhi, 29-30 September 2007.

Deepak Mehta: Presented a paper on 'Cultural Arenas in Sociology', in a National Conference on Theatre History Workshop, IEG, Delhi University, 24-26 January 2008.

Presented a paper on 'Mysticism and Miracles in North Indian Islam', in a National Seminar on 'Embedded Muslim Communities', Department of Sociology, University of Hyderabad, 6-8 February 2008.

Presented a paper on 'Words that Wound: Archiving Hate in the Making of Hindu and Muslim Publics in Bombay' in a travelling Seminar in Jadavpur University, 26-28 March 2008.

Arima Mishra: Paper presented in the International Conference on 'Anthropology in India Today: Postmodernism and Globalism in Perspective', 'Revisiting Indigenous Knowledge: Analysis of a system of healing in contemporary India', Utkal University in collaboration with IGRMS, Bhopal, 16-19 December 2007.

Tulsi Patel: Chaired a session on 'Aging and Health' at the National Conference on 'Expanding Freedom: Towards Social and Economic Transformation in a Globalisation World', Institute of Economic Growth, Delhi, 11-13 April 2007.

Presented a paper on 'AIDS/HIV and Women: with special reference to Panchayat representatives at a National Convention of Panchayat Leaders, Institute of Social Sciences, New Delhi, 24 April 2007.

'India's missing daughters: Caught between individual rationality and public good', 'Social well-being and gender equity in a globalising world: Dialogue between India and Finland', University of Helsinki, Helsinki, 27-28 November 2007. (Papers read at the conference as Tulsi Patel was unable to go to Helsinki, Finland)

Presented a paper 'The Contemporary Indian Family: Continuity and Change Recreating the Indian Family through care: Intergenerational family ties in India and abroad', Department of Sociology, Delhi University, 18-19 March 2008.

Attended a National Seminar on 'Social and Cultural Reality of Rajasthan', delivered the Valedictory Address: 'Looking at the socio-cultural Realities of Rajasthan', University of Rajasthan, Jaipur, 26-27 March 2008.

Nandini Sundar: 'Sociopolitical Factors that will influence India's future'. National Human, Resource Development Conference, Kolkata, 29 November 2007.

'Beyond Development Studies, Revisiting themes in political economy'. Cambridge-India Social Science Workshop on 'Social Science Perspectives on Globalisation and Development', India International Centre, New Delhi, 5 January 2008.

Participated in Panel discussion on 'Frameworks of conflict management.' Workshop jointly organised by Institute for Defence Studies and Analyses and International Peace Research Institute, Oslo. IDSA, New Delhi, 8 January 2008.

Participated in a Workshop on 'Land and Forest Rights', for preparation of *State of Adivasi and Indigenous Peoples Report*, Adivasi Academy, Tejgadh, Baroda, 15-17 February 2008.

Talk on 'The Privatisation of Law and Order' at Conference on 'Re-imagining India: Exclusion and Inclusion', Department of Political Science, Zakir Hussain College, New Delhi, 20 February 2008.

Talk on 'Adivasi Politics and State Responses: Historical Processes and Contemporary Concerns', DCRC Colloquium on 'Identity and Politics in India', DCRC, Delhi University, 22 February.

Talks at the Department of Political Science Visiting Professor, Department of Political Science, Punjab University, Chandigarh, 17-23 March 2008.

Tulsi Patel: Presented a paper 'The child and the family in India: A sociological perspective', National Seminar on 'Protection of child rights: Tasks ahead and challenges', Jamia Millia Islamia, New Delhi, 7-8 December 2007.

Discussant, 'Emerging Trends and Structural Contexts of Adverse Sex Ratios', ICSSR, New Delhi, sponsored by Action Aid India-IDRC.

Rajni Palriwala: 'Structural Contexts of Adverse Sex Ratio', paper presented at a National Seminar on 'Emerging Trends and Structural Contexts of Adverse Sex Ratios', ICSSR, New Delhi, sponsored by Action Aid India-IDRC, 2007..

Discussant, 'Homogeneities and Heterogeneities. State Processes, Discursive Formation and Social Practices in a Global Context', (New Delhi) Freie Universität, Berlin.

Discussant, 'Gender policies'. International Conference on 'Local Governance And Public Policy: An India-China Interaction'. Department of East Asian Studies, Delhi University, Institute of Chinese Studies, CSDS and Sun Yatsen University, Guangzhou, PR China.

Discussant, 'Social Movements and the State'. International Seminar on 'Expanding Freedom: Towards Social and Economic Transformation in a Globalizing World', IEG Golden Jubilee-ICSSR, New Delhi.

Publications

Books

Agrawal, A. 2008. *Chaste Wives and Prostitute sisters: Patriarchy and prostitution among the Bedias of India*. New Delhi, Routledge.

Bala, P. 2007. *Medicine and Medical Policies in India: Social and Historical Perspectives*. Rowman & Littlefield Inc., USA.

Deshpande, S. 2007. *Anthropologies in the East: Founders of Indian Sociology and Social Anthropology*, (Co-edited with Uberoi, P. and Sundar, N.), New Delhi, Permanent Black.

Palriwala, R. and Uberoi, P. (eds). 2008. *Marriage, Migration and Gender* (Women and Migration in Asia – 5), New Delhi: Sage.

Patel, T. (ed.) 2007. *Sex Selective Abortion in India: Gender, Society and New Reproductive Technology*. New Delhi: Sage.

Sundar, N. (ed.) 2007. Uberoi, P. and Deshpande, S. *Anthropology in the East: The founders of Indian Sociology and Anthropology*, New Delhi : Permanent Black.

2007. *Subalterns and Sovereigns: An Anthropological History of Bastar, 1854-2006*. Delhi: Oxford University Press, 1997, 2nd edition with afterword.

Research Articles in books or Scholarly Journals

Bala, P. 2007. 'Disease and Poverty', in *Encyclopedia of Cancer and Society* (ed.) G.H. Colditz, Harvard Medical School. LA, USA : Sage Publications Inc., 1: 277-80.

2007. 'History of Cancer', in *Encyclopedia of Cancer and Society* (ed.) G.H. Colditz, Harvard Medical School. LA, USA : Sage Publications Inc.,2: 431-33.

Chatterji, R. 2007. 'Primitivism, Adivasis and the Stranger Within' in Pattanaik, P.C. and Debojit B. (eds) *Tribes of India: Identity, Culture and Lore*, Guwahati: Angik Prakashan, pp. 186-204.

2007. 'The Nationalist Sociology of Benoy Kumar Sankar' in *Anthropologies in the East: Founders of Indian Sociology and Social Anthropology*, (Co-edited with Uberoi, P. and Sundar, N.), New Delhi : Permanent Black, pp. 82-107.

Chopra, R. 2007. 'Narrating the Supporting Practices of Men', in Saba Gul Khattak (ed.) *At the Crossroads: South Asian Research, Policy and Development in a Globalized World*. Karachi: Sama Editorial and Publishing Press, pp. 339-54.

2007. 'Invisible Men', in Menon, N. (ed.) *Sexualities. Women Unlimited*. Delhi and London: Zed Books, pp. 177-96.

2007. (i) 'Father-son Relationships'; (ii) 'History: South Asia'; (iii) 'Initiation in *International Encyclopedia of Men and Masculinities*, (eds) Flood, M., Gardiner, J.K., Pease, B. and Pringle, K. London and New York: Routledge, Vol. 1.

2008. 'Family, Gender and Masculinities' in Joy Deshmukh-Ranadive (ed.) *Democracy in the Family: Insights from India*. New Delhi: Sage, pp.183-206.

Deshpande, S. 2007. 'The Professionalisation of Indian Sociology and Social Anthropology: People, Places, Institutions' (with Uberoi, P. and Sundar, N.), in *Anthropologies in the East: Founders of Indian Sociology and Social Anthropology*, Uberoi, P., Sundar, N. and Deshpande, S. (eds). New Delhi: Permanent Black, pp.1-63.

2007. 'Fashioning a Postcolonial Discipline: M.N. Srinivas and Indian Sociology', in *Anthropologies in the East: Founders of Indian Sociology and Social Anthropology*, Uberoi, P., Sundar, N. and Deshpande, S. (eds). New Delhi: Permanent Black, pp. 496-536.
2007. 'Social Cleavages and the Problem of Governance', in Raghavan, V.R. (ed.), *Civil Society and Governance in Modern India*, Center for Security Analysis and East West Books, pp. 95-120.
- Mishra, A.** 2007. 'Teaching Medical Anthropology in India', *Anthropology News*, Vol. 48(3).
- Palriwala, R. and Uberoi, P.** 2008. 'Exploring the links: Gender issues in marriage and migration', in *Marriage, Migration, and Gender* (eds) Palriwala, R. and Uberoi, P., New Delhi: Sage.
- Patel, T.** 2007. 'Introduction: Gender Relations, NRTs (New Reproductive Technologies) and Female Foeticide in India', in Patel, T. (ed.), *Sex Selective Abortion in India: Gender, Society and New Reproductive Technology*, New Delhi: Sage.
2007. 'The Mindset Behind Eliminating the Female Foetus', in Patel, T. (ed.), *Sex Selective Abortion in India: Gender, Society and New Reproductive Technology*, New Delhi: Sage.
2007. 'Female Foeticide, Family Planning and The State-Society Intersection in India', in Patel, T. (ed.), *Sex Selective Abortion in India: Gender, Society and New Reproductive Technology*, New Delhi: Sage.
2007. 'Popular Culture and Childbirth: Perceptions and Practices in Rural Rajasthan', in Bernard Bell et. al. (eds), *The Social and the Symbolic*, New Delhi: Sage (Communication Processes Vol. 2): pp. 386-412.
2007. 'Informal social networks: Sonography and female foeticide in India', *Sociological Bulletin*, 56 (2): 243-62.
2008. 'India's missing daughters: Caught between individual rationality and public good' in *Social well-being and gender equity in a globalising world: Dialogue between India and Finland* (e-book, (eds) Saaval, M. and Kulathinal, S.) Chapter 5. INSEED/Vaestolitto. Finland.
- Patel, T. with Vanshree, J.** 2008. 'Interview on Gender, political participation and health care in India'. *Equal Opportunities International*, 27(1): 112-7.
- Sundar, N.** 2007. 'In the cause of anthropology: The life and work of Irawati Karve' in *Anthropology in the East: The founders of Indian Sociology and Anthropology* (eds) Uberoi, P., Deshpande, S. and Sundar, N. New Delhi: Permanent Black.
2007. 'The Dilemmas of 'Working' Anthropology in Twenty-first-Century India' in *Anthropology Put to Work* (eds) Field, Les W. and Fox, Richard G. Oxford: Berg Publishers, pp. 181-200.
- Vasan, S.** 2007. 'Timber Access in the Indian Himalaya: Rethinking Social Capital in Public Policy', *J. of Dev. Studies*, 43(7): 1215-33.
2007. 'Gendering Resource Rights and Democratic Citizenship', *Indian J. of Gender Studies*, 14(1): 17-32.

SOCIAL WORK

The Confederation of Indian Industries has hired the Department for preparing a due diligence appraisal to facilitate selection of CII Women Exemplar Award in the field of education, micro enterprises/finance and health at the national level.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	8
M.Phil.	-	6

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Survey of beggar population in Delhi.	Prof. Sneh Lata Tandon	Department of Social Welfare, Govt. of NCT of Delhi
Identification of manual scavengers in NCT of Delhi.	Dr. Pamela Singla	Delhi SC/ST/OBC/Minorities and Handicapped Financial and Development Corporation Ltd.
SOS Kindered of compare the model.	Dr. A. Shaheen Sultana	SOS Children's Village of India
Evaluation of Continuing Education Projects, Chandigarh and Bulandshahar.	Prof. Sneh Lata Tandon	Department of School Education and Literacy, Ministry of Human Resource Development, Govt. of India.
Social Assessment Study of Hi WEL Learning Stations.	Prof. Sanjai Bhatt	Hi Wel/NIIT, New Delhi
Mapping of Construction Workers in NCT of Delhi.	Prof. Sanjai Bhatt	DCOW Welfare Board, Labour Department, Govt. of NCT of Delhi

Honours/Distinctions

Dr. Neera Agmitra: Visiting Faculty and Trainer for Capart Institute for Poverty Alleviation and Rural Technology, Ministry of Rural Development, Government of India.

Visiting Faculty, Development of Urban and Regional Planning, School of Planning and Architecture, New Delhi.

Seminar/Conference held

Seminar on 'Right Based Approach to Development: Resources of Social Work Profession', 25-26 March 2008.

Seminars/Conferences attended

Prof. Aruna Bhardwaj: Participated as Chairperson and Panelist in the National Seminar on 'Protection of Child Rights: Tasks Ahead and Challenges', Department of Social Work, Jamia Millia Islamia University, New Delhi, 7-8 December 2007.

Prof. Sushma Batra: Co-organizer, Speaker in two sessions and main resource person in the Seminar on 'Early Childhood Intervention and Management of Children with Special Needs'.

Dr. Neera Agnimitra: Participated at the 2nd Asian Ministerial Conference on Disaster Risk Reduction, Ministry of Home Affairs, Govt. of India, 7-8 November 2007.

Dr. Pamela Singla: Presented a paper on 'Women's Empowerment in India: Present Status and Case Studies' in National Seminar on 'Women's Empowerment in India', sponsored by UGC at BPS College, Sonapat, 27-28 December 2007.

Dr. A. Shahin Sultana: Resource person to discuss 'Child Protection in India: Issues and Challenges', Representative, Department of Government at the University of Essex. Participated in the UK-India Education and Research Initiative, especially the Democracy and Children's Rights Project, Delhi, 27 March 2008.

Invited as a Resource Person to interact with the Head, Department of Economy, Monitoring and Evaluation, Govt. of Afghanistan, and their team on 'NGO's in India: Role, Responsibilities, Networking Procedures' at ISI, Delhi, 7 March 2008.

Invited as a Resource Person to interact with the Minister of Social Welfare, Malaysia, and their team on 'Child related issues in India' at ISI, Delhi, 5 December 2007.

Presented a paper on 'Rights of children below six years needs critical attention in India' in a National Seminar on 'Protection of Child Rights: Tasks Ahead and Challenges', organised by the Department of Social Work, Jamia Millia Islamia, in collaboration with SOS Children's Villages of India, at Jamia Millia Islamia, Delhi, 7 December 2007.

Dr. Archana Kaushik: Presented a paper on 'Policies and programmes for the elderly: An overview', at National Seminar on 'Ageing: Perspectives and Challenges', organised by the Faculty of Social Sciences, Jamia Millia Islamia, and Society for Human Values and Universal Responsibilities, 9-10 March 2007.

Presented a paper on 'Elderly Women Vendors' at a national seminar on 'Women Vending in Urban Spaces', organised by the Department of Social Work, Delhi University, 9-10 March 2007.

Rapporteur in a session in the National Seminar on 'Deprivation, Development and the Rights Based Approach: Response of Human Service Professions', Department of Social Work, Delhi University, 25-26 March 2008.

Dr. Seema Sharma: Participated in the International Conference on 'Urban Planning and Policy Development' (World Class Cities for All-Inclusive planning for the working poor), Convention Centre, Delhi University, organised by Street Net International, Durban, NASVI & Department of Social Work, Delhi University, 14-18 April 2008.

Participated in the National Seminar on 'Deprivation Development and Rights based approaches', organised by the Department of Social Work, Delhi University, 25-26 March 2008.

Ms. A. Malathi: Presented a paper titled 'Understanding SHGs in the light of Social Capital Theorization' at the National Seminar on 'SHGs and Role of Social Work Profession', organised by the Department of Social Work, Andhra University, 21-22 March 2008.

Assisted in documentation in the National Seminar on 'Deprivation Development and Rights based approaches', organised by the Department of Social Work, Delhi University, 25-26 March 2008.

Participated in the Seminar on 'Indian Muslims : Ground Realities and Challenges for Inclusive Education', organised by the Department of Education, Delhi University, 14-15 March 2007.

Ms. Nemthianngai Guite: Participated as rapporteur in one session of the National Seminar on Deprivation 'Development and Rights based approaches: Response of Human Service Professions', Department of Social Work, Delhi University, 25-26 March 2008.

Publications

Batra, S. and Bhardwaj, T. 2008. 'Social Work Intervention in Case of Psychosomatic Pain Disorder'. In *Research Methods for Social Work*, (ed.) D.K. Lal Das and Vanila Bhaskaran, Jaipur: Rawat Publications.

Jha, M. 2007. *Breaking Barriers: Contemporary Social Work through the Corridors of Sociology in Practicing Sociology*. ICFAI University Press.

Singla, P. 2007. *Women participation in Panchayati Raj: Nature and Effectiveness*. Jaipur: Rawat Publications.

2007. 'Women's Empowerment through Self Help Groups: A case study of Deogarh, Jharkhand'. In *Indian Women: Broken Words, Distant Dreams*, (ed.) Dr. Sanchari Roy Mukherjee. Kolkata, Levant Books.

Sultana, A.S. 2007. 'Maternal Mortality: A Gross Violation of Women's Right to Health'. *Women's Link*, 13(4).

Sharma, S. 2008. 'Human Resource Management - A Profession in Dilemma'. *The Indian Journal of Industrial Relations*, January, 43(3).

Pandey, S. 2008. 'Communalism: Narrative in Chattisgarh'. *Economic and Political Weekly*, 43(2) : 12-18 January.

FACULTY OF MUSIC AND FINE ARTS

MUSIC

Major Activities

The year 2007-2008 witnessed all-round progress and development of the Faculty of Music and Fine Arts, both on the academic and cultural fronts. The growing interest of the society for knowledge of music has resulted in increasing demand for the subject and a greater number of students enrolling for the course.

Honours/Distinctions

Prof. Deepti Bhalla: Awarded Sangeet Natak Akademi (National Award) by the President of India.

Ph.D. Degrees awarded

Ph.D. - 13

NET - 2

Seminars/Conferences held

Prof. Anjali Mittal: Participated in an International Symposium on 'Phenomenology of Music: Comparative Aspects of Two Traditions – An Indo-European Dialogue', in Max Muller Bhavan, January 2008.

Attended National Seminar on Indian Council of Philosophical Research on Aesthetics.

Prof. Krishna Bisht: Delivered keynote address at an International Seminar in Agra to mark the centenary of renowned musicologist Dr. Alain Danielou titled 'Emerging Trends in Research on Indian Music', October 2007.

Prof. Sunita Dhar: Attended a National Seminar at Punjab University, Chandigarh, April 2007.

Prof. Uma Garg: Attended a National Conference, at I.I.T. Gauhati on the occasion Annual Function, 31 January 2008.

Attended International Seminar, 21 February 2008.

Prof. Suneera Kasliwal: Presented a paper 'Introduction of Musical Instruments', National Seminar at Sangeet Research Academy, October 2007.

Presented a paper and chaired the session at the National Seminar, Banaras Hindu University, Varanasi, January 2008.

Prof. Deepti Bhalla: Delivered a Lecture 'Demonstrations, Workshops and Concerts in East European countries like Poland, Hungary, Germany and Czech Republic' sponsored by ICCR (Ministry of External Affairs).

Prof. Madhu Bala Saxena: Delivered a Lecture on 'Demonstration' on 'Khyal Shaili Mein Bandish', Department of Music, M.D. University, Rohtak, 27 February 2008.

Delivered a Lecture on 'Demonstration' Aesthetic aspect of Music and Problems of Music Education system in contemporary period', Govt. College, Karnal, 19 March 2008.

FACULTY OF MEDICAL SCIENCES

ANAESTHESIOLOGY AND INTENSIVE CARE (MAMC)

Seminars/Conferences attended

Dr. Poonam Bhadoria: Attended National Conference on Pulmonary Diseases (NAPCON) Chandigarh, 22-25 November 2007.

Publications

Kumar, R. Contributed a chapter '*Manual of Medical Emergencies*, 3rd (eds) Delhi: Pushpanjali Medical Publication Pvt. Ltd.

Saxena, K.N. 2007. Contributed a chapter on 'Endocrine myopathies: Anaesthetic considerations'. CME Book, ISACON.

Wadhawan, S. Contributed a chapter on 'Monitoring depth of Anaesthesia', CME Book, 46th Annual Conference, ISA, Delhi.

Saxena, K.N. (ed.) '*Changing Trends In Obstetric Anaesthesia*, CME Book', (co-ed.), Taneja, B. Contributed by Kumar, R. Bhalotra, A., Wadhawan, S. and Bhardwaj, M.

Dali, J.S. Contributed a chapter in *Journal of Post-graduate Medical Education, Training & Research* published by National Board of Examination.

Kumar, R. 2007. Contributed the chapter 'Perioperative management of diabetes mellitus in geriatric patients'. J.P. Bros. Medical Publishers pp. 140-55.

Contributed a chapter 'Surgery Update 2007' CME Book.

Kumar, R. and Agarwal, M. 2007. Contributed a chapter 'Medical update', CME Book.

Garg, R., Dali, J.S. and Agarwal, M. 2007. 'Tracheal Intubation through ILMA with or without flexible lightwand in simulated unstable cervical spine patient. *J. Anaesth. Clin. Pharm.*, 23(1): 17-22.

Singh, R., Kohli, A. and Bhadoria, P. 'IVRA - Resurging anaesthetic technique'. *Anaesthesia update*, 10(1) : 16-23.

Gupta, L., Kohli, A. and Bhadoria, P. 'The magical word D of delibrillator' *Anaesthesia update*,11(2) : 32-6.

Kohli, A., Bhadoria, P., Bhalotra, A.R., Anand, R. and Goyal, P. 2007. 'An Unusual Laryngeal Injury'. *IJA*. 51(1) : 57-9.

Manchanda, G., Bhalotra, A.R., Bhadoria, P., Jain, A., Goyal, P., and Arya, M. 2007. 'Capnothorax during laparoscopic cholecystectomy'. *IJA*. 51(3): 231-3.

Gupta, N., Bhalotra, A., Gupta, A., Bhadoria, P. and Garg, R. 2007. 'Accidental Extubation in a known Difficult Airway' *J. Anaesth Clin Pharmacology*. 23(4): 425-7.

Kohli, A., Lata, S., Bhadoria, P., Manchanda, G., Arora, N., Bhalotra, A. and Bhadoria, D.P. 2007. 'Emergency Pericardiectomy in a Child: A Case Report'. *Indian Journal of Cardiology*. Vol. 33-6.

Manchanda, G., Bhalotra, A.R., Bhadoria, P., Singh, S., Singh, R. and Kohli, A. 2007. 'Vascular Injury from External Fixator : Is it so rare?'. Letter to editor in *IJA*, 51(6): 552-3.

Srinivasan, S., Dua, C.K. and Saxena, K.N. 2007. 'A comparison of clinical efficacy of lightwand (Trachlight) vs direct laryngoscopy for orotracheal intubation'. *J. Anaesth. Clin. Pharmacology*, 23(1): 53-58. Awarded the T.N. Jha award for best paper in ISA (Delhi branch Annual Conference).

Saxena, K.N., Chopra, N. and Dua, C.K. 2007. 'An indigenously designed assembly for ventilation during transport of critically ill patients'. *J. Anaesth. Clin. Pharmacology*, 23(1): 92-4.

Lal, P., Philips, P., Saxena, K.N., Kajla, R.K., Chander, J. and Ramteke, V.K. 2007. 'Laparoscopic total extraperitoneal (TEP) inguinal hernia repair under epidural Anaesthesia: A detailed evaluation'. *Surg. Endosc.*, 21 (4): 595-601.

Saxena, K.N., Gupta, E. and Dua, C.K. 2007. 'Concept of anaesthesiology as a clinical speciality and career choice amongst medical interns'. *Indian J. Anaesth.*, 51(5): 445-7.

Saxena, K.N. and Dua, C.K. 2007. 'Malignant Hyperthermia- A case report'. *Indian J. Anaesth.* 51(6): 534-7.

Saxena, K.N., Nischal, H., Bhardwaj, M. and Gaba, P. 2007. 'BVR Shastri Right molar approach to tracheal intubation in a child with Pierre Robin syndrome, cleft palate, and tongue tie'. *British Journal of Anaesthesia*, Online ISSN 1471-6771 - Print ISSN 0007-0912.

Lal, P. and Saxena, K.N. 'Laparoscopic Total Extraperitoneal (TEP) Inguinal Hernia Repair Under Epidural Anesthesia: A Detailed Evaluation (Reply) Surgical Endoscopy. DOI 10.1007/s00464-007-9563-7.

Sharma, K. 2007. 'A New Technique of Holding Anesthesia Face Mask'. *Acta. Anaesthesiologica Scandinavica*, 51(3): 384-5.

Sharma, K., Varshney, M. and Kumar, R. 2007. 'Difference in Depth of Insertion of Endotracheal Tube: Midline vs Right Angle of Mouth Fixation'. *Anesthesiology*, 107: A943.

Sharma, S., Sehgal, R., Kumar, R., Sharma, K. and Aggarwal, N. 2007. 'The left molar approach, right molar approach and midline approach for direct laryngoscopy and intubation using Macintosh blade'. *J. Anaesth. Clin. Pharmacol*, 23(1): 41-6.

Gupta, N., Kumar, R., Kumar, S., Sehgal, R. and Sharma, K.R. 2007. 'A prospective randomized double blind study to evaluate the effect of peribulbar block or topical application of local anesthesia combined with general anesthesia on intra-operative and postoperative complications during pediatric strabismus surgery'. *Anesthesia*.

Bhalotra, A. 'Pregnant Patient For Non-Obstetric Surgery', 'Editorial published in *ISA News Bulletin*.

ANAESTHESIOLOGY AND CRITICAL CARE (UCMS)

Honours/Distinctions

Dr. Manisha Arora: Awarded the T.N. Jha Memorial Award and Gold Medal for Best Research Paper Presentation by a Post-graduate Student in Anaesthesiology at the National level.

Seminars/Conferences attended

Dr. Deepti Agrawal: Attended National Symposium on Critical Care, New Delhi, 29-30 September 2007.

Prof. A.K. Saxena: Delivered guest lecture at the Annual Conference, ISSP, Vellore, 2 February 2008.

Prof. A.K. Sethi: Delivered guest lecture at the National Annual Conference of Indian Society of Anaesthesiologists, Vishakapatnam, 26-29 December 2007.

Dr. Asha Tyagi: Presented a paper at the National Conference of ISA, Vishakapatnam, 26-29 December 2007.

Publications

Girotra, G., Chaudhary, S. and Motiani, P. 'Dengue fever in pregnancy – Perioperative implications' (Abstract), Proceedings of 46th Annual Conference of ISA, Delhi Chapter.

Girotra, G., Jindal, R. and Chaudhary, S. 2008. 'Comparative evaluation of efficacy and effects of oral hydroxyzine with triclofos and midazolam as premedicants in children'. (Abstract), Proceedings of 46th Annual Conference of ISA, Delhi Chapter and Proceedings of National Annual Conference of ISA, Vishakapatnam.

Mohta, M., Agarwal, D., Gupta, L.K., Gupta, A., Tyagi, A. and Sethi, A.K. 2008. 'Mephentermine vs Ephedrine: Prevention of hypotension after spinal during caesarean section'. (Abstract), Proceedings of National Annual Conference of ISA, Vishakapatnam.

Motiani, P., Behl, N. and Jain, A.K. 'Obstruction of an endotracheal tube by the plastic coating sheared from a stylet' P3 107. (Abstract). Proceedings of 46th Annual Conference of ISA, Delhi Chapter.

Salhotra, R., Chaudhary, S., Motiani, P. and Girotra, G. 'Comparison of midazolam and hydroxyzine as premedicants for regional anaesthesia: A prospective, randomised study, (Abstract), Proceedings of 46th Annual Conference of ISA, Delhi Chapter.

Saxena, A.K. and Kumar, S. 2007. 'Management strategies for pain in breasts carcinoma patients: Current opinions and future perspectives'. *Pain Practice*, 7: 163-77.

Saxena, A.K. and Mangla, D. 2007. 'Recent advances and Evidence based practice in Labour Analgesia' in *Advances in Obstetrics and Gynaecology*, (eds) Rajaram, S., Mehta, S. and Goel, N. New Delhi: Jaypee Brothers Medical Publishers pp. 60-87.

Saxena, A.K. 2008. 'Current issues and future perspectives on pain in women'. *Indian J. Pain*, 22: 1-2.

Sethi, A.K., Arora, A., Tyagi, A. and Mohta, M. 2008. 'Right-sided spontaneous diaphragmatic hernia with hydropneumothorax – A difficult diagnosis?' *SAARC J. Anaesth*, 1(1): 94-6.

Tyagi, A., Girotra, G., Mohta, M., Bhardwaj, R. and Sethi, A.K. 2007. 'Autonomic dysfunction and adrenal insufficiency in thoracic spine tuberculosis'. *Clin. Orthop. Relat. Res.*, 460: 56-61.

'Perioperative problems in thoracic tuberculosis'. (Abstract), Proceedings of 46th Annual Conference of ISA, Delhi Chapter.

Tyagi, A., Kumar, A., Sethi, A.K. and Mohta, M. 2008. 'Effect of epidural volume extension on intrathecal dose requirement – Plain and hyperbaric bupivacaine' (Abstract), Proceedings of National Annual Conference ISA, Vishakapatnam.

Bharihoke, V., Verma, S. and Prakash, R. 2007. 'Effect of lead toxicity of substantia nigra of the rat'. *J. Anat. Soc. India*, 56: 63.

Kurup, S., Bharihoke, V. and Sangari, S.K. 2007. 'Musculotopic organization of the orbiculation's ocellie within the facial motor nuclear of the albino rat, *Neuroanatomy*. 8: 46-8.

ANATOMY (MAMC)

Seminars/Conferences attended

Dr. Shipra Paul, Dr. Dinesh Kumar, Dr. Anita Mahajan and Dr. Ranjaja Verma: Attended the 55th National Conference of Anatomical Society of India, Mumbai, 27-29 December 2007.

Dr. Sabita Mishra: Attended the Annual Conference of the Indian Academy of Neuro Sciences, Banaras Hindu University, December 2007.

Dr. Shipra Paul: Chaired two sessions at the 55th National Conference of Anatomical Society of India, Mumbai, 27-29 December 2007.

Puplications

Research papers in international journals

Verma, R., Prasad, R., Mishra, S. and Kaul, J.M. 'Vascular pattern of chorionic blood vessels of placenta and its correlation with birth weight neonate'. *International Journal of Morphology*, Vol. 26, Chile.

Paul, S. and Das, S. 2007. 'Absence of superficial palmar arch with associated anatomy of ulnar artery and nerve'. *Archives of Medical Sciences*, 3910. 79-81, Poland.

2007. 'Anomalous extensor tendous of hand'. *Revista Colomobia Medica.*, 38(2): 140-2.

2007. 'Variant abductor pollicis longus muscle: A case reort'. *Acta Medica*, 50(3): 213-5, Czechoslovakia.

2007. 'Anomalous Palmaris brevis muscle and its clinical implication'. *Interjet J. of surgery*, 9(2), USA.

2007. 'Anomalous posterior clinoid process and its clinical implication'. *Revista Colombia Medica.*, 38(3): 301-4.

2007. 'Unusual venous sinuses'. *Bratis Lek Listy* 108(2): 104-6, Slovakia.

2007. 'The study of sperm in mobilization action of furacin'. *Arch. Med. Sc.*, 3(4): 388-91.

Das, S. and Vasudeva, N. 2007. 'Anomalous higher branching pattern of femoral nerve'. *Acta Medica.*, 50(4): 245-6.

Kumar, D. 2007. 'Anomalous origin of obturator artery from internal iliac artery'. *Int. J. Morphology*, 25(3): 639-41.

BIOCHEMISTRY (UCMS)

Major Activities

The major thrust areas of the Department are in the fields of risk factors for coronary artery disease and Diabetes mellitus, the study of the hypoglycemic and hypolipidemic potential of natural products/medicinal plants and pesticide poisoning which pose serious public health problems.

Seminars/Conferences attended

Dr. R.S. Ahmed, Dr. B.D. Banerjee, Dr. J.K. Gambhir, Dr. S.B. Sharma, Dr. Rimi Shukla and Dr. R.L. Tripathi: Attended the 34th Annual Conference of Clinical Biochemists of India, New Delhi, 18-20 December 2007.

Dr. J.K. Gambhir: Invited speaker and chairperson at the 27th Annual Conference of ISAR, Tirupati, 22-23 December 2007.

Publications

Papers

Banerjee, B.D., Chakraboti, A., Suke, S.G., Ahmed, R.S. and Tripathi, A.K. 2008. 'Xenobiotic-induced immune alterations: implications in health and disease'. *Indian J. Biophys. Biochem.*, 45: 7-15.

Chakraboti, A., Gulathi, K., Banerjee, B.D., Ray, A. 2007. 'Possible involvement of free radicals in the differential neurobehavioral responses to stress in male and female rats'. *Behavioral Brain Res.*, 179: 321-5.

Gambhir, J.K., Kaur, H., Prabhu, K.M., Morrisett, J.D. and Gambhir, O.S. 2008. 'Association between lipoprotein(a) levels, apo(a) isoforms and family history of premature CAD in young Asian Indians'. *Clin Biochem.*, 41: 453-8.

Gupta, A., Tripathi, A.K., Tripathi, R.L., Madhu, S.V. and Banerjee, B.D. 2007. 'Advanced glycosylated end products (AGE) mediated activation of PMN in diabetes mellitus and associated oxidative stress'. *Indian J. Biophys. and Biochem.*, 44: 373-8.

Harit, D., Faridi, M.M., Aggarwal, A. and Sharma, S.B. 2008. 'Lipid profile of term infants on exclusive breastfeeding and mixed feeding: A comparative study'. *Eur. J. Clin. Nutr.*, 62: 203--9.

Kumar, S., Kumar, R., Sharma, S.B. and Jain, B.K. 2007. 'Effect of oral glutamine administration on oxidative stress, morbidity and mortality in critically ill surgical patients'. *Indian Jr. Gastroenterology*, 26: 7073.

Oberoi, S., Ahmed, R.S., Suke, S.G., Bhattacharya, S.N., Chakraborti, A. and Banerjee, B.D. 2007. 'Comparative effects of topical application of lindane and permethrin on oxidative stress parameters in scabies patients'. *Cun Biochem.*, 40: 1321-4.

Parvez, S., Tabassum, H., Banerjee, B.O. and Raisuddin, S. 2008. 'Taurine Prevents Tamoxifen-Induced Mitochondrial Oxidative Damage in Mice'. *Basic & Clinical Pharmacology & Toxicology*. 102: 382.

Ranga, G.S., Kalra, O.P., Tandon, H., Gambhir, J.K. and Mehrotra, G. 2007. 'Effect of aspirin on Lp(a) in patients with ischemic stroke'. *J. Stroke Cerebrovasc Dis.*, 6: 220-4.

Sahaya, K., Mahajan, P., Mediratta, P.K., Ahmed, R.S. and Sharma, K.K. 2007. 'Reversal of lindane-induced impairment of step-down passive avoidance and oxidative stress by neurosteroids in rats'. *Toxicology*, 239: 116-26.

Singhania, N., Puri, D., Madhu, S.V. and Sharma, S.B. 2008. 'Assessment of oxidative stress and endothelial dysfunction in Asian Indian with type 2 diabetes mellitue with and without macroangiopathy'. *QJM.*, (PMID:18385148)

Tabassum, H., Parvez, S., Rehman, H., Banerjee, B.D., Siemen, D. and Raisuddin, S. 2007. 'Nephrotoxicity and its prevention by taurine in tamoxifen induced oxidative stress in mice'. *Human and Experimental Toxicology*. 26: 509-18.

Tripathi, A.K., Rathi, N., Suke, S.G., Banerjee, B.D., Ahmed, R.S., Mahajan, P. and Bhattacharya, S.K. 2008. 'Effect of acute and chronic cocaine exposure on oxygen dependent bactericidal activity of mouse peritoneal macrophages'. *Canadian J. Physio. Pharma.*, 86: 64-9.

Venkataraman, K., Kannan, A.T., Kalara, O.P. and Gambhir, J.K. 2007. 'Glycated Haemoglobin- A Public Health Prospective'. *Indian J. Pub. Health*, 57: 107-11.

Kumar, S., Kumar, R., Jain, S.S., Kumar, B. 2007. 'Effect of oral glutamine administration on oxidative stress, morbidity and mortality in critically ill surgical patients'. *Ind. Jr. Gastroenterology*, 26: 7073.

Abstracts

Ahmed, R.S., Suke, S.G., Tripathi, A.K., Bhattacharya, S.N. and Banerjee, B.D. 2007. 'Protective effects of dietary chemicals/natural plant products against pesticide-induced oxidative stress and immunotoxicity'. *Indian J. Clin. Biochem.*, 22: 186.

Ahmed, T., Kumar, V., Tripathi, A.K., Ahmed, R.S., Das, S., Suke, S.G., Pathak, R. and Banerjee, B.D. 2007. 'Endosulfan induced oxidative stress and apoptosis in peripheral human blood mononuclear cells (PBMC)'. *Indian J. Clin. Biochem.*, 22: 410.

Banerjee, B.D., Suke, S.G., Pathak, R., Ahmed, T., Kumar, V., Ahmed, R.S. and Tripathi, A.K. 2007. 'Environmental pesticides exposure and its implication in health and diseases'. *Indian J. Clin. Biochem.*, 22: 185.

Dixit, P., Garg, P., Gambhir, J.K. and Shukla, R. 2007. 'Hypoglycemic effect of central part of stem of *Musa spaiantum* (Banana). *Indian J. Clin. Biochem.*, 22: S467.

Gambhir, J.K., Kaur, H., Ranga, G.S. and Kalra, O.P. 2007. 'Modulation of lipoprotein(a) levels: Implications in health and disease'. *Indian J. Clin. Biochem.*, 22: S108.

Gupta, S., Kaur, H., Gambhir, J.K., Pati, U., Prabhu, K.M. and Gambhir, D.S. 2007. 'Association between apolipoprotein (a) phenotypes, pentanucleotide repeat polymorphism and lipoprotein (a) levels in young CAD patients and their children'. *Indian J. Clin. Biochem.* 22: S241.

Gupta, S., Sharma, S.B. and Prabhu, K.M. 'Ameliorative effect of aqueous extract of *carria auriculata* leaves on blood glucose and lipid profile in alloxan-induced diabetic rabbits'.

Pathak, R., Suke, S.G., Ahmed, R.S., Tripathi, A.K., Guleria, K., Sharma, C.S., Makhijani, S.D. and Banerjee, B.D. 2007. 'Organochlorine pesticide residue levels and oxidative stress in preterm birth case: A possible correlation'. *Toxicol Lett.*, 172 : S 105.

Sharma, S.B. 2007. 'Ameliorative effect of active principle (F-II c) isolated from *Eugenia jambolana* on diabetic nephropathy in rats', National Seminar on 'Green Chemistry and Natural products', Delhi University .

Suke, S.G., Yadav, C., Ahmed, R.S., Tripathi, A.K. and Banerjee, B.D. 2007. 'Effect of ascorbic acid on phosphamidon-induced oxidative stress in rats'. *Indian J. Clin. Biochem.*, 22: 340.

Suke, S.G., Ahmed, R.S., Pathak, R., Ahmed, T., Tripathi, A.K. and Banerjee, B.D. 2008. 'Dose dependent effect of organophosphate compound on oxidative stress and induction of DNA damage'. *Biophysical J.* 94: 2845.

Sunita, Sharma, S.B., Puri, D., Tripathi, R.L., Diwedi, S. 2007. 'Clinico-Biochemical correlation in women with CAD with special reference to oxidized-LDL and small dense LDL'. *Indian J. Clin. Biochem.*, 22: 251.

Chapters in Books

Ahmed, R.S. 2008. 'Mechanism of Hormonal Action' in *Principals of Medical Physiology*, (ed.) Sircar, S. Stuttgart, New York: Thieme Verlag, pp. 499-503.

Banerjee, B.D., Chakraborti, A., Tripathi, A.K., Suke, S.G., Ahmed, R.S. 2007. 'Xenobiotic-induced behavioral and immune alterations: Current perspectives'. *Toxicology in the Science of Poisons*. Jaipur : Aavishkar Publications, pp. 14-34.

Banerjee, B.D., Suke, S.G., Ahmed, R.S. and Tripathi, A.K. 2007. 'Assessment of Immunotoxicity of Xenobiotics: Recent Perspective', Proceeding of the 1st National Workshop and Hands-on-Training on 'Electrophoresis & Clinical Biochemistry Techniques useful for Research', Datta Meghe Institute of Medical Sciences University, Jawaharlal Nehru Medical College, Department of Biochemistry, Wardha, Maharashtra.

Banerjee, B.D., Ahmed, T., Suke, S.G., Ahmed, R.S. and Tripathi, A.M. 2007. 'Mechanisms to study pesticide induced apoptosis *in vitro*' Proceedings of the 1st National Workshop & Hands-on-Training on 'Electrophoresis & Clinical Biochemistry Techniques useful for Research', Datta Meghe Institute of Medical Sciences University, Wardha, Maharashtra.

BIOCHEMISTRY (LHMC)

Honours/Distinctions

Dr. Anju Jain: Vice President, Association of Medical Biochemists of India (Delhi Chapter).

Dr. Ritu Singh: Elected Secretary, Indian Society of Atherosclerosis Research (2007-09).

Elected Joint Secretary of Delhi Chapter of AMBI, 2007.

Publications

Bhatnagar, S., Bhattacharjee, J., Vaid, M., Madan, T., Trivedi, S.S. and Sharma, P.U. 2007. 'Inducible Nitric oxide synthetase (iNOS) gene polymorphism in preeclampsia: A Pilot study in North India'. *Aust. N. Z. J. Obstet. Gynaecol.*, 47(6).

Venkatakrishnan, P., Anuradha, S., Bhattacharjee, J. and Gaiha, M. 2007. 'Effect of low dose omega 3 fatty acids on platelet functions and coagulation profile in Indian patients with type 2 diabetes mellitus with vascular complications: A prospective preliminary study'. *J. Indian Academy of Clinical Medicine* 8(1): 45-52.

Dhamija, R.K., Arora, S., Gaba, P. and Bhattacharjee, J. 2007. 'Role of lipoprotein a - A genetic risk factor in patients of acute ischaemic stroke: A case control study in North Indian urban population- Case'. *Rep. Clin. Prac. Rev.*, 8:112-7.

Jain, A., Goyal, P., Nigam, P.K., Gurbaksh, H. and Sharma, R.C. 2007. 'Xanthelasma-Palpebrarum-Clinical and Biochemical profile in a tertiary care hospital of Delhi'. *Indian J. of Clinical Biochemistry*, 22(2): 151-3.

Mangal, A., Gaur, U., Jain, A., Goyal, U., Tripathi, R. and Rath, G. 2007. 'Alkaline phosphatase and Placental alkaline phosphatase activity in serum of normal and pregnancy induced hypertensive mothers'. *J. of International Medical Science Academy*, 20(2): 117-20.

Gandhi, A., Kapoor, R., Jain, A., Chugh, P.K., Mondal, S. and Das, S. 2007. 'Role of integrated yoga practices as adjunct in the management of essential hypertension'. *Yogic Prakitik Jeevan Sandesh*, 6(2): 12-17.

Jain, A. 2007. 'Diagnosis of Extrapulmonary tuberculosis'. *Indian J. of Clinical Biochemistry*, 22: 132 .

Books/Chapters Contributed

Gupta, Arora, S., S. Trivedi, S.S. and Singh, R. 2007. 'Metabolic Syndrome and risk of fetal neural tube defects', *international Journal of Gynaecology and Obstetrics.*, 99(2): 144 -5 .

Singh. R. 3 chapters in e-Book on molecular physiology for National Institute of Science Communication and Information Resources, CSIR.

BIOCHEMISTRY (VPCI)

Major Activities

The Department continued the following activities in the areas of teaching and research:

Lipid Rafts in Bronchial Asthma: A study on membrane Lipid Metabolism in Asthmatic Patients using Erythrocyte Membrane as the Model.

Experimental Asthma: A study of Transmembrane Signalling in Airway Smooth Muscles and Peripheral Blood Lymphocytes during the development of Airway Hypersensitivity in Guinea Pig.

ATP-Binding Cassette Transporter (ABCD1) Gene Polymorphism in Adrenoleukodystrophy.

Biological importance of Autoacetylation of Calreticulin, a Calcium binding Protein Endoplasmic Reticulum.

Characterization of Calreticulin as an Acetyl CoA-linked Protein Acetyl Transferase.

Publications

Kausar, M.A., Vijayan, V.K., Bansal, S.K., Menon, B.K., Vermani, M. and Agarwal, M.K. 2007. 'Mosquitoes as sources of inhalant allergens: Clinico immunologic and biochemical studies'. *J. Allergy Clin. Immunol.*, 120(5): 1219-21.

Vinocha, A., Vijayan, V.K. and Bansal, S.K. 2007. 'Nicotine and Salbutamol Induced Changes in Protein Kinase C Activity in Lymphocytes in COPD'. *Respirology*, 12: A163.

Bansal, S.K., Tyagi, M., Menon, B.K. and Vijayan, V.K. 2007. 'Expression of Interleukin 1-B and Tumor Necrosis Factor- α by Lipopolysaccharide, Histamine and Methacholinechloride in Alveolar macrophages in Astham'. *Respirology*, 12: A196.

Kumar, N., Taneja, K.K., Kalra, V., Kabra, M., Aneja, S., Behari, M. and Bansal, S.K. 2007. 'ABCDI Gene Polymorphism in X-linked Adrenoleukodystrophy in Indian Population'. *Indian J. Clin. Biochem.*, 22 (Suppl.): 219-20.

Gupta, P., Vijayan, V.K. and Bansal, S.K. 2007. 'Changes in the Sphingomyelin, Phosphatidyl Choline and Cholesterol in Erythrocyte Membrane of Asthmatic Patients'. *Indian J. Clin. Biochem.*, 22 (Suppl.): 297.

Mishra, R.K., Kulshrestha, R., Chhabra, S.K. and Bansal, S.K. 2007. 'Changes in Protein Kinase C Activity in Airway Smooth Muscles During the Development of Airway Hyperreactivity in Guinea Pigs: A Preliminary Study', *Indian J. Clin. Bioche.* 22 (Suppl.): 476.

Kumar, A., Tyagi, Y.K., Seema, Prija, P., Rohil, V., Prasad, A.K., Hanumantharao, G. Raj, Dwarakanath, B.S. and Parmar, V.S. 2007. 'Ellagic acid peracetate is superior to ellagic acid in the prevention of genotoxicity due to aflatoxin B1 in bone marrow and lung cells'. *J. Pharmacy and Pharmacology*, 1, 81-6.

Gulati, R., Kumar, A., Bansal, S., Tyagi, Y.K., Tyagi, T.K., Prija, P., Malhotra, S., Jain, S.K., Singh, U., Bansal, S.K., Hanumantharao, G. Raj, Dwarakanath, B.S., Chaudhary, N.K., Vij, A., Vijayan, V.K., Rastogi, R.C. and Parmar, V.S. 2007. 'Calreticulin Transacetylase (CRTAase): Identification of novel substrates and CRTAase mediated modification of protein kinase C activity in lymphocytes of asthmatic patients by polyphenolic acetates'. *Pure and Applied Chemistry*, 79, 729-37.

Bansal, S., Gaspari, M., Hanumantharao, G. Raj, Cuda, G., Verheij, E., Tyagi, Y.K., Prija, P., Rastogi, R.C. and Parmar, V.S. 2008. 'Calreticulin Transacetylase mediates the acetylation of nitric oxide synthase by polyphenolic acetate'. *Applied Biochemistry and Biotechnology*, 144, 37-45.

BIOCHEMISTRY (MAMC)

Seminars/Conferences attended

Dr. A. Saxena, Dr. S.K. Gupta, Dr. P.C. Ray and Dr. P. Lali: Chaired scientific sessions, 15th National Conference of Association of Medical Biochemists of India, Indore (MP), 23-25 November 2007.

Dr. A. Saxena, Dr. S. Agarwal, Dr. S.K. Gupta and Dr. T.K. Mishra: Participated in panel discussion and chaired different scientific sessions, 34th Annual National Conference of Association of Clinical Biochemists of India, (ACBICON), New Delhi, 18-20 December 2007.

Dr. S.K. Gupta: Delivered a Lecture 'Immunotherapy of Cancer', 15th National Conference of Association of Medical Biochemists of India, Indore (MP), 23-25 November 2007.

Honours/Distinction

Dr. P.C. Ray: Elected Joint Secretary of Association of Medical Biochemists of India 2007-09.

Publications

Sharma, A., Rajappa, M., Saxena, A. and Sharma, M. 2007. 'Telomerase activity as tumour marker in Indian women with cervical intraepithelial Neoplasia and Cervical cancer', *Mol. Diag. Ther.*, 11(3): 193-201.

2007. 'Antioxidant status in advanced cervical cancer patients undergoing neoadjuvant chemo-radiation', *Bri. J. of Biomed. Science*, 64(1): 23-7.

2007. 'Cytokine profile in Indian women with cervical intraepithelial neoplasia and cancer cervix', *Int. J. Gynaecol. Cancer*, 17(4): 879-85.

Sharma, K.A., Kumar, A., Kumar, N., Aggarwal, S. and Prasad, S. 'Celiac disease in intrauterine growth restriction', *International Journal of Gynaecology and Obstetrics*, 98(1): 57-9.

Kalra, B.S., Aggarwal, S., Khurana, R. and Gupta, U. 2007. 'Effect of Cimetidine on hepatotoxicity induced by Rifampicin-isoniazid combination in rats'. *Indian J. of Gastroenterology*. 26: 18-21.

Das, B., Daga, M.K. and Gupta, S.K. 2007. 'Lipid pentad index: A novel index for evaluation of lipid risk factor for atherosclerosis in young adolescents and children of premature coronary artery disease patients in India'. *Clinical Biochem.*, 40(1-2): 18-24.

Mahajan, A.S., Babbar, R., Kansal, N., Agarwal, S.K. and Ray, P.C. 2007. 'Antihypertensive and antioxidant action of amlodipine and Vit. C in patients of essential hypertension'. *J. Clin. Biochem. Nutr.*, 40: 141-7.

COMMUNITY MEDICINE (MAMC)

Major Activities

The main thrust areas of the Department are Maternal and Child Health, Adolescent Health, HIV, National Rural Health Mission, Disaster Management and other National Health Programmes. The Department is undertaking many research activities and projects such as 18 projects under Post Graduate Fellowship in HIV Medicine and guided 14 projects for PGDMCH candidates. It has carried out Multi-disciplinary Research in collaboration with CMC Vellore, RCSHA & DFID (UK).

Ph.D. Degree awarded

Ph.D. - 1

New Additions

Dr. Rajesh - Assistant Professor
Bratati Banerjee - Assistant Professor.

Honours/Honours

Dr. V. K. Gupta: Awarded Dr. S. Radhakrishnan Best Teacher Award 2007.

Dr. Jugal Kishore: Best Citizen of India Award 2007 conferred by International Publishing House.

Dr. Radha Krishna Memorial National Teachers Award 2007 by the All India Freelancer Journalists and Writers Association.

Seminars/Conferences held

52nd National level Conference of IPHA under the aegis of Indian Public Health Association, 7-8 March 2008.

Seminar/Conference attended

Dr. J Kishore: Attended National Conference on 'Environmental Pollution and Health: Problems and Solutions', Indian International Centre, IDC Foundation, 19-20 April 2007.

Publications

Books

Ingle, G.K. Written for IGNOU (1) Health Situation Analysis (2) Gender Power and Health for Fellowship in clinical sciences 1) Epidemiology 2) Management.

Kishore, J. 2007. '*A Dictionary of Public Health*'. (2nd ed). New Delhi: Century Publications.

2007. 'National Health Program of India: National policies and legislation related to health', 7th edn). New Delhi: Century Publications.

2007. 'Proceedings of National Conference on Environmental Pollution and Health: Problems and Solutions'. International Development Center Foundation.

'Biomedical waste Management and universal Work Precaution' and 'Organizations' in *Community Dentistry*'.

Banerjee, B. 'Breast feeding' and 'National Nutrition Programmes for Children' in *Textbook of Paediatric Gastroenterology, Hepatology and Nutrition*, New Delhi: Jaypee Brothers Publishers.

'Integrated Management of Neonatal and Childhood Illnesses' and 'Growth and Development from Birth to Puberty' in *Recent Advances in Paediatrics*. New Delhi: Jaypee Brothers Publishers.

Meena, G.S. *Health Policies and Programmes in India* (7th edn) by D.K. Taneja, New Delhi: Doctors Publications.

Research Paper

Garg, S., Singh, M.M., Nath, A., Bhalla, P., Garg, V., Gupta, V.K. and Uppal, Y. 2007. 'Prevalence and awareness about sexually transmitted infections among males in urban slums of Delhi'. *Indian Journal of Medical Sciences*, 61: 269-77.

Garg, S. and Nath, A. 2007. 'Current status of Rural Health Mission'. *Indian Journal of Community Medicine*, 32: 171-2.

Garg, S. and Kaur, R. 2007. 'Adherence to antiretroviral therapy: Challenges and possible solutions in Indian context'. *Indian Journal of Community Medicine*, 32: 234.

Banerjee, B. 2007. 'Comments 'Induced abortion and traumatic stress: A preliminary comparison of American and Russian women'', *Med. Sci. Monit.*, 13(9): LE 11-2.

Malhotra, C., Sharma, N., Saxena, R. and Ingle, G.K. 2007. 'Drug use among Juveniles in conflict with the law'. *Indian Journal of Paediatrics*, Vol. 74: 353-6.

Sharma, N., Malhotra, R., Taneja, D.K., Saha, R. and Ingle G.K. 2007. 'Awareness and perception about tuberculosis in the general population of Delhi'. *Asia Pacific Journal of Public Health*, 19(2): 10-5.

Rahbar, T., Garg, S., Tripathi, R., Gupta, V.K. and Singh, M.M. 2007. 'Knowledge, attitude, behaviour and practices regarding HIV/ AIDS among pregnant women attending PPTCT programme in New Delhi'. *Journal of Communicable Diseases*, 39: 179-84.

Bhalla, P., Chawla, R., Garg, S., Singh, M.M., Raina, U., Bhalla, R. and Sodhani, P. 2007. 'Prevalence of bacterial vaginosis among women in Delhi, India'. *Indian Journal of Medical Research*, 125: 167-72.

Uppal, Y., Garg, S., Mishra, B., Gupta, V.K., Malhotra, R. and Singh, M.M. 2007. 'Prevalence of reproductive morbidity amongst males in an urban slum of North India'. *Indian Journal of Community Medicine*, 32: 54-7.

- Singh, M.M., Rahi, M., Ahuja, C., Garg, S., Gupta, V.K., Bansal, Y. and Ingle, G.K.** 2007. 'Knowledge about Dengue Fever and Mosquito Control Practices in an Urban Slum of Delhi'. *Journal of Communicable Diseases*, 39: 185-7.
- Malhotra, C., Malhotra, R., Singh, M.M., Garg, S. and Ingle, G.K.** 2007. 'A study of tobacco use among street children of Delhi'. *Indian Journal of Community Medicine*, 32: 58-9.
- Agarwal, P., Singh, M.M. and Garg, S.** 2007. 'Maternal health Care Utilization in Urban Slum of Delhi'. *Indian Journal of Community Medicine*, 32: 203-5.
- Lal, P., Ahuja, C., Nath, Malhotra, R.A. and Ingle, G.K.** 2007. 'Career Aspirations and Apprehensions Regarding Medical Education among First-year Medical Students in Delhi'. *Indian Journal of Community Medicine*. 32(3): 217-8.
- Malhotra, R., Lal, P., Prakash, S.K., Daga, M.K. and Kishore, J.** 2007. 'Profile of foodhandlers working in food service establishments located within the premise of a medical college in Delhi', *Indian J. Public Health*. 121: 455-61.
- Lal, P., Malhotra, R., Khurana, S. and Malhotra, C.** 2007. 'Prenatal Sex Determination: Knowledge, beliefs and practices among pregnant women of a rural area of Delhi'. *Indian Practitioner*, 60(10): 626-9.
- Sagar, R. and Kishore, J.** 2007. 'Rural Health Services in India'. *Yojana*. 22-6.
- Kishore, J.** 2007. 'Environment Pollution: Problems and Solutions'. Proceedings of the National Conference on Environment Pollution: problems and Solutions, IDC Foundation. 2007. 'Facts about Leprosy'. *Pahel Magazine*, 1: 6-7.

DERMATOLOGY AND STD (MAMC)

Seminars/Conferences attended

Dr. Bijaylaxmi Sahoo: Attended International CME and National Dermato. Pathology Conference, New Delhi, November 2007.

Presented a paper: 'Genital herpes in children' at 35th Annual Conference of the Association of IADVL, Chennai.

Dr. Kabir Sardana: Presented papers at 1st International Conference of HIV-Genetics, Budapest.

Dr. Rashmi Sarkar: Delivered a guest lecturer 'Antifungal drugs in children', 5th National Conference of India Society, Thrissur, 17 November 2007.

Delivered an invited lecture 'How to choose a good sunscreen' at Cuticon 2007, Annual Conference of Delhi State Branch of IADVL, New Delhi, December 2007.

Dr. Rashmi Sarkar and Dr. K.D. Barman: Attended 35th Annual Conference of the Association of IADVL, Chennai.

Publications

Sardana, K., Garg, V.K., Bhushan, P., Relhan, V. and Sharma, S. 2007. 'DPT vaccine-induced lipoatrophy: An observational study'. *Int. J. Dermatol*, 46(10): 1050-4.

Bansal, S., Goel, A., Sardana, K., Kumar, V. and Khurana, N. 2007. 'Post-kala-azar dermal leishmaniasis co-existing with borderline tuberculoid leprosy', *Br. J. Dermatol.* 157(4): 811-3.

Sehgal, V.N., Sardana, K. and Sharma, S. 2007. 'Inadequacy of clinical and/or laboratory criteria for the diagnosis of lupus vulgaris, re-infection cutaneous tuberculosis: Fallout/implication of 6 weeks of anti-tubercular therapy as a precise diagnostic supplement to complete the scheduled regimen'. *J. Dermatolog Treat.*, 11: 1-4.

Sehgal, V.N., Sardana, K. and Dogra, S. 'The imperatives of leprosy treatment in the pre- and post-global leprosy elimination era: Appraisal of changing the scenario to current status'. *J. Dermatolog Treat.*, 21: 1-10.

Sehgal, V.N. and Sardana K. 2007. 'Immunoprophylaxis of leprosy: Current status and future prospects'. *Indian J. Dermatol. Venereol. Leprol.*, 73(2): 71-2.

FORENSIC MEDICINE (UCMS)

Major Activities

The Department conducted more than 1400 medico-legal autopsies during the year 2007-08, and also provided expert opinion and court evidence in a large number of cases. Faculty members of the Department worked in the capacity of chairman/members in a large number of review/postmortem boards constituted by different Govt. agencies like the Delhi Govt. and CBI.

Publications

Juthika, D. and Aggarwal, N.K. 2007. 'Psychological aspects of sexual abuse of women'. *Delhi Psychiatry Journal*, 10 (2) 157-9.

Kohli, A. and Mishra, K. 2008. 'Trivial trauma, heart disease and medico-legal interpretation of death'. *Med. Sci. Law.*, 48(1): 72-4.

Kohli, A. 2007. 'Medical consent in India- Ethical and legal issues'. Anil Aggrawal's *Internet Journal of Forensic Medicine and Toxicology* [serial online]: 8(2).

Kohli, A. and Mishra, K. 2008. 'Trivial Trauma, Heart Disease and Medico-legal Interpretation of Death'. *Med Sci Law.* 48(1): 72-4.

Verma, S.K. 2007. 'Paediatric and adolescent strangulation deaths'. *J. Forensic Legal Med.*, 14: 61-4.

Verma, S.K. 2007. Reviewer for Rao, N.G. *Practical Forensic Medicine.* (3rd edition). New Delhi: Jaypee Brothers Medical Publishers.

FORENSIC MEDICINE (MAMC)

New Additions

Dr. Sreeniwas - Assistant Professor
Dr. Upender Kishore - Assistant Professor

Seminar/Conference attended

Dr. S.K. Khanna and Dr. Anil Mittal: Attended Annual National Conference of Indian Academy of Forensic Medicine and Toxicology, Belgaum, Karnataka, 22-24 November 2007.

MEDICINE (MAMC)

Honours/Distinction

Dr. S. Anuradha : Awarded Fellowship of Indian College of Physicians by the Association of Physicians of India, Goa.

Dr. R.S. Ahlawat: Awarded WHO Fellowship in Community Health and Education, September 2007.

Dr. M.K. Daga: Awarded WHO Fellowship in Poison Management, Sydney, Australia.

Dr. N.P. Singh: Awarded Fellowship of National Environment Science Academy, 2007.

Seminars/Conferences attended

Dr. P. Kar: Attended ISG Conference, Bangalore, November 2007.

Attended API Conference, Cochin, 10-13 January 2008.

Publications

Dewan, R. Report on 'Care and needs of people living with HIV/AIDS: A diagnostic study in the context of long-term care', a multi-centric study of ICMR.

Dewan, R., Gupta, P., Nehru, R., Manocha, D. and Mittal, W. 2007. 'Effect of lactulose therapy on extra pyramidal and cognitive dysfunction in minimal hepatic encephalopathy', *Indian J. Gastroenterol.*, 26 (Suppl. 2): A-10.

Dewan, R., Tyagi, S., Debbarma, S., Singh, A., Bhattacharya, S. and Shailesh. 2007. 'Proton pump inhibitors and chest pain in patients of coronary artery disease with gastroesophageal reflux disease'. *Indian J. Gastroenterol.*, 26 (Suppl.2) A-19, 2007. Editorial on 'Hypertension in Pregnancy', *JIMSA*.

Jilani, N., Das, B.C., Husain, S.A., Baweja, U.K., Chattopadhyay, D., Gupta, R.K., Sardana, S. and Kar, P. 2007. 'Hepatitis E virus infection and fulminant hepatic failure during pregnancy'. *J. Gastroenterol Hepatol.*, 22(5): 676-82.

Singhal, S. and Kar, P. 2007. 'Management of acid- and alkali-induced esophageal strictures in 79 adults by endoscopic dilation: 8-years' experience in New Delhi', *Dysphagia*, 22(2): 130-4. Epub.

Hussain, Z., Husain, S.A., Pasha, S.T., Anand, R., Chand, A., Polipalli, S.K., Rehman, S. and Kar, P. 2007. 'Does Mutation of Hepatitis A Virus Exist in North India?', *Dig. Dis. Sci.*, 9870-9.

Kumar, A., Sharma, K.A., Gupta, R.K., Kar, P. and Chakravarti, A. 2007. 'Prevalence and risk factors for hepatitis C virus among pregnant women'. *Indian J. Med. Res.*, 126: 211-5.

Kumar, D., Gupta, R.K., Anand, R., Pasha, S.T., Rai, A., Das, B.C. and Kar, P. 2007. 'Occurrence and nucleotide sequence analysis of hepatitis G virus in patients with acute viral hepatitis and fulminant hepatitis'. *Indian J. Med. Res.*, 125(6): 752-5.

Prusty, B.K., Hedau, S., Singh, A., Kar, P. and Das, B.C. 2007. 'Selective suppression of NF-kbp65 in hepatitis virus-infected pregnant women manifesting severe liver damage and high mortality'. *Mol. Med.*, 13(9-10): 518-26.

Kumar, D., Malik, A., Asim, M., Chakravarti, A., Das, R.H. and Kar, P. 2007. 'Response of Combination Therapy on Viral Load and Disease Severity in Chronic Hepatitis C'. *Dig. Dis. Sci.*, 13 [E-pub. Ahead of print].

Asim, M., Potukuchi, S.K., Arora, A., Singh, B. and Kar, P. 2007. 'Hepatitis-G Virus Infection in Multi-transfused Patients and Intravenous Drug Abusers: New Delhi Experience'. *Dig. Dis. Sci.*, 13 .

MICROBIOLOGY (LHMC)

Seminars/Conferences attended

Dr. Geeta Mehta: Invited Speaker, International Conference of Infection Control, Asia-Pacific Society of Infection Control, Kuala Lumpur, July 2007.

International Conference on Environmental Education, Centre for Environment Education, Ahmedabad, 24-28 November 2007.

Dr. B.L. Sherwal: Attended National Conference on Medical Education, CMET, AIIMS, Delhi, 13-15 November 2007.

Publications

Mehta, G. 2007. Contributed 5 chapters in *WHO Guidelines on Hand Hygiene in Health Care* (Advanced Draft), Global Patient Safety Challenge, WHO Geneva.

MICROBIOLOGY (MAMC)

Ph.D. Degrees awarded

Ph.D. - 2

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Integrated Counselling and Testing Centre and also Functions as a State Reference Laboratory for Quality Assurance in HIV Testing.	Dr. P. Bhalla	NACO DSACS
Epidemiological study of antiretroviral drug resistant HIV-1 strains by monitoring antiretroviral drug resistance in protease and reverse transcriptase gene of HIV-1 infected patients.	Dr. P. Bhalla	ICMR
Monitoring of patients with HIV-1 infection on antiretroviral treatment by quantitative detection of HIV-1 RNA in Plasma.	Dr. P. Bhalla	Govt. of NCT of Delhi
Toxoplasmosis in Pregnancy. Genotypic characterization of Dengue viruses using envelope non-structural – 1 gene region.	Dr. B. Uppal Dr. A. Chakravarti	Govt. of NCT of Delhi DST
Mycobacterial interspersed repetitive unit – variable number of tandem repeat (MIRU-VNTR) typing of Mycobacterium tuberculosis Strains isolated from HIV.	Dr. C.P. Baveja	ICMR
Antibody detection and polymerase chain reaction for diagnosis of Mycoplasma pneumoniae in paediatrics community acquired lower respiratory tract infections.	Dr. S. Kumar	Govt. of NCT of Delhi

Detection of Mycoplasma Pneumoniae in children with community acquired lower respiratory tract infections.	Dr. S. Kumar	UGC
Study of microbial biofilms with special reference to Candida infection.	Dr. R. Kaur	UGC
Fungal opportunistic infections and their correlation to immunological aspects.	Dr. R. Kaur	ICMR

Appointment of faculty member to higher Posts/Assignments

Dr. B. Uppal: Chairman – TAC for Institute of Liver and Biliary Sciences.

Dr. A. Chakravarti: Referee to the International Journal like *Archives to Medical Research*, *International Journal of Epidemiology and Community Health Medical Science* and National Journals like *Indian Journal of Medical Research*, *Indian Journal of Medical Microbiology*.

Dr. C.P. Baveja: Referee to the *Indian Journal of Medical Microbiology*.

Honours/Distinctions

Dr. Anita Chakravarti: Awarded ICMR award J.B. Srivastava for the year 2005 from ICMR for 'Re-emerging RNA virus infections and health', July 2007.

Seminars/Conferences attended

Dr. S. Kumar: Presented two papers in the International Conference on 'Chlamydia and Mycoplasma human infections' in Ferrara, Italy, 19-20 April 2007.

Dr. A. Chakravarti: Presented a paper in the International Conference on 'Emerging and Re-emerging Viral Diseases of the Tropics and Subtropics', Indian Agriculture Research Institute, New Delhi, 13-15 December 2007.

Dr. B. Uppal, Dr. A. Chakravarti and Dr. R. Kaur: Attended 2nd National Bioethics Conference, Bangalore, 6-8 December 2007.

Dr. C.P. Baveja and Dr. S. Kumar: Presented a poster in 31st National Conference of IAMM, Mangalore, 15-18 November 2007.

Publications

Books

Baveja, C.P. 2007. *Medical Parasitology* (1st edn), New Delhi: Arya Publications.

2007. *Textbook of Microbiology for Nurses*, (2nd edn.), New Delhi: Arya Publications.

Research Articles

- Khaki, P., Bhalla, P., Sharma, P., Chawla, R. and Bhalla, K.** 2007. 'Epidemiological analysis of *Neisseria gonorrhoeae* isolates by antimicrobial susceptibility testing, Auxotyping and serotyping'. *Indian Journal of Medical Microbiology*, Vol. 25: 325-9.
- Chaudhary, M., Kashyap, B. and Bhalla, P.** 2007. 'Congenital syphilis, still a reality in 21st century: A case report'. *Journal of Medical Case Reports*, 1: 90.
- Khaki, P., Bhalla, P., Sharma, A. and Kumar, V.** 2007. 'Correlation between in vitro susceptibility and treatment outcome with azithromycin in gonorrhoea: A prospective study'. *Indian Journal of Medical Microbiology*, 25(4): 354-7.
- Bhalla, P., Baveja, U.K., Chawla, R., Saini, S., Khaki, P., Bhalla, K., Mahajan, S. and Reddy, B.S.N.** 2007. 'Simultaneous detection of *Neisseria gonorrhoea* and *Chlamydia trachomatis* by PCR in genitourinary specimens from men and women attending an STD clinic'. *J. Commun. Dis.*, 39(1): 1-6.
- Bhalla, P., Chawla, R., Garg, S., Singh, M.M., Raina, U., Bhalla, K. and Sodhani, P.** 2007. 'Prevalence of bacterial vaginosis among women in Delhi', *Indian J. Med. Res.*, 125: 167-72 S.
- Kaur, R., Kashyap, B. and Bhalla, P.** 2007. 'A five-year survey of onychomycosis in New Delhi: Epidemiological and Laboratory aspects'. *Indian Journal of Dermatology*, 52(1): 39-42.
- Wadhwa, A., Kaur, R., Agarwal, S.K., Jain, S. and Bhalla, P.** 2007. 'AIDS related opportunistic mycoses seen in a tertiary care hospital in North India'. *Journal of Medical Microbiology*, 56: 1101-6.
- Rai, S., Wadhwa, V., Kharbanda, P. and Uppal, B.** 2007. 'A Case of Poly-parasitism involving a trematode and four different nematodes in a migrant from Bihar'. *Indian Journal of Medical Microbiology*, 25(1): 62-3.
- Chakravarti, A., Matlani, M. and Jain, M.** 2007. 'Immunodiagnosis of Dengue virus infection using saliva'. *Current Microbiology*, 55(6): 461-4.
- Chakravarti, A. and Kashyap, B.** 2007. 'Respiratory syncytial virus in lower respiratory tract infections'. *Iran J. Paed.*, 17(2): 123-8.
- Chaudhary, M. and Baveja, C.P.** 2007. 'Paediatric tuberculosis: Staining techniques revisited'. *Indian Journal of Path and Microbiol.*
- Baveja, C.P., Vidyanidhi, G., Jain, M., Kumari, T. and Sharma, V.K.** 2007. 'Drug resistant genital tuberculosis of the penis in a human immunodeficiency virus non-reactive individual'. *Journal of Med. Microbiology*, 56: 694-5.
- Surinder, K., Bineeta, K. and Megha, M.** 2007. 'Latex particle agglutination test as an adjunct to the diagnosis of Bacterial Meningitis', *Indian Journal of Medical Microbiology*, 25(4): pp. 395-7.
- Kaur, R., Wadhwa, A. and Agarwal, S.K.** 2007. 'Rhodotorula mucilaginosa: An unusual cause of Oral ulcers in AIDS patients'. *AIDS*, 21(8): 1068-9.

MICROBIOLOGY (UCMS)

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
To study the effector immune responses to common recall antigens and underlying helminthic infections in autoimmune skin diseases before and after immunosuppressive intervention.	Dr. Shukla Das	DST

Publications

Chowdhary, S., Ramachandran, V.G., Das, S. and Bhattacharya, S.N. 2008. 'Antimicrobial susceptibility profile of N.gonorrhoeae at STI clinic, East Delhi'. *Indian J. Med. Microbiol.*, 26(1) : 62-4.

Das, S., Goyal, R. and Bhattacharya, S.N. 2007. 'Laboratory based epidemiological study of superficial fungal infections'. *J. Dermatol.*, 54: 248-53.

Das, S., Ramachandran, V.G. and Sachdeva, R. 2007. 'CMV and Rubella infection in pregnant mothers and children – A hospital based study'. *J. Comm. Dis.*, 39(2): 113-7.

Das, S., Saha, R. and Bhattacharya, S.N. 2007. 'Disseminated nodular granulomatous perifolliculitis'. *Indian J. Med. Microbiol.*, 25 (3): 288-90.

Das, S., Saha, R. and Singhal, S. 2007. 'Enteric pathogens in North Indian patients with diarrhoea'. *Indian J. Community Med.*, 32 (1): 25-9.

Das, S. and Saha, R. 2008. 'Antimicrobial resistance – A challenge or defeat'. *Indian Med. Assoc. Bull.*

Goyal, R., Das, S., Arora, A. and Aggarwal, A. 2008. 'Rhodotorula muciliginosa as a cause of persistent femoral non union'. *JPMS.*, 54: 14-6.

Goyal, R., Singh, N.P., Kaur, M. and Talwar, V. 2007. 'Antimicrobial resistance in invasive and colonizing Streptococcus pneumoniae in North India'. *Indian J. Med. Microbiol.*, 25: 256-9.

Jain, S., Das, S. and Gupta, P. 2007. 'Fecal occult blood screening in children with severe malnutrition'. *Indian Paediatr.*, 44: 913-5.

MICROBIOLOGY (VPCI)

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Prospects for the development of anti-tubercular drugs based on the transacetylase function of glutamine synthetase (GS) gene.	Dr. Mridula Bose	DBT
Correlation between genetic polymorphism and homeostasis of TH1-TH2 cytokine in pulmonary and extrapulmonary TB.	Dr. Mridula Bose Dr. Vani Brahmachari Dr. Mitali Mukerjee Dr. J.N. Banavalikar	CSIR
Rapid identification of mycobacteria to the species level by PCR restriction analysis in clinical samples.	Dr. Mandira Varma Co-I Dr. Mridula Bose	ICMR
Evaluation of phenotypic and genotypic methods for the detection and characterization of metallo beta-lactamases in clinical isolates of <i>Pseudomonas Aeruginosa</i> .	Prof. S.S. Thukral	CSIR

Seminar/Conference attended

Dr. Mridula Bose: Attended the 34th Annual Conference, Indian Immunology Society, entitled 'HIV Immunology Symposium & Annual Conference', Pune, 16-18 December 2007.

Archana Angrup, Mandira Varma-Basil, Sujeet Kumar, Rakesh Pathak, Himanshu Sharma and Mridula Bose. Poster presentation, 'Drug Resistance Profiling and Genotyping of Mycobacterium tuberculosis isolates from a DOTS centre and private hospitals in Delhi', 31st Annual Conference of Indian Association of Medical Microbiologists, Kasturaba Medical College, Mangalore, 16-20 November 2007.

Dr. Mandira Varma Basil: Guest lecture on 'Serological techniques used for detection of Mycoplasma pneumoniae. 8th Annual Conference of Indian Association of Mycoplasmologists, S.N. Medical College, Agra, 5-6 October 2007.

Dr. Mandira Varma Basil, Shailendra Dwivedi, Krishna Kumar, Rakesh Pathak, Ritika Rastogi, S.S. Thukral, Malini Shariff, V.K. Vijayan, SK Chhabra and Rama Chaudhary: Poster presentation, 'Role of Mycoplasma pneumoniae infection acute exacerbations of COPD', Annual Conference of Indian Association of Mycoplasmologists, S.N. Medical College, Agra, 5-6 October 2007.

Publication

Shariff, M., Thukral, S.S. and Beall, B. 2007. New multilocus sequence types of 'Streptococcus pneumoniae isolators from patients with respiratory infections in India'. Indian J. Med. Res., 126: 161-4.

OPHTHALMOLOGY (MAMC)

Honours/Distinctions

Dr. J.L. Goyal: Elected President of NOIDA Ophthalmological Society, 2007-08.

Dr. Meenakshi Thakar: Special appreciation award as DOS executive.

Seminars/Conferences attended

Kirti Singh: 'Treatment modalities in paediatric glaucoma, the current concept and paediatric trauma, clinical profile, outcome and follow up', International Annual Conference of Paediatric Ophthalmology and Strabismus, B.P. Koirala Institute of Medical Sciences, Dharan, Nepal, 6-7 November 2007.

'Diode laser cyclophotocoagulation', National Annual Conference of Glaucoma Society of India, Kolkata, 8-9 December 2007.

'Corneal opacities and contact lenses course: Management of corneal ectasia and irregularities', Delhi Ophthalmic Society, National Annual Conference, New Delhi, 7-8 April 2007.

'Deep sclerectomy in surgical management of glaucoma: Limitations and need to innovate', Delhi Ophthalmic Society, National Annual Conference, New Delhi, 7-8 April 2007.

'Phacofracture video assisted lecture at Uttara Eyecon', 4th National Annual Conference of Uttaranchal Ophthalmic Society, Corbett Park, 26-29 October 2007.

'Bleb management in glaucoma', National Annual Conference of UP State, Ophthalmologic Society, Bareilly, 1-2 December 2007.

'Travatan: A study in Indian eyes', National Annual Conference of Glaucoma Society of India, Kolkata, 8-9 December 2007.

'Initial experience with collagen implant', National Annual Conference of Glaucoma Society of India, Kolkata, 8-9 December 2007.

Kirti Singh and Shikha Jain: 'Ocular blood flow after trabeculectomy', National Annual Conference of Glaucoma Society of India, Kolkata, 8-9 December 2007.

Publications

Chaudhuri, Z. 2008. *Step by step Clinical Management of Strabismus* (1st edn), New Delhi: Jaypee Medical Publishers.

Chapters in Books

2008 (1st edn): Video in *Jaypee's Video Atlas of Ophthalmic Surgery* (ed.-in-chief), Garg, A. New Delhi: Jaypee Medical Publishers.

'Surgical Rehabilitation in Special Forms of Strabismus' (Section-VIII, Video-XI).

Grover, A.K. and Chaudhuri, Z. 'Correction of Telecanthus and Epicanthus Inversus in patients with Blllepharophimosis Syndrome' (Section-VII, Video-VI).

'Bilateral Fascia Lata Frontalis Sling Procedure' (Section-VII, Video-VII).

'Repair of Canalicular Laceration by Modified Monocanicular Teflon Stenting' (Section-VII, Video-VIII).

'Skin Grafting for cicatricial ectropion and Z-Plasty for the breakage of scars' (Section-VII, Video-IX).

'Mucou's Membrane grafting in connection of cicatricial entropion' (Section-VII, Video-X).

Articles in International Indexed Journals

Chaudhuri, Z., Grover, A.K., Bageja, S., Jha, S.N. and Mohan, S. 2007. 'Morning glory anomaly with bilateral choroidal colobomas in patients with Goldenhar's Syndrome'. *J. Paediatr. Ophthalmol. Strab*, 44(3): 187-9.

Grover, A.K. Chaudhuri, Z. and Popli, J. 2007. 'Clinical anophthalmia with orbital heteratopic brain tissue'. *Oph. Surg. Lasers and Imaging*' 38(2): 148-50.

OBSTETRICS & GYNAECOLOGY (MAMC)

Major Activities

The Department of Obstetrics & Gynaecology is working towards excellence in patient care, academic and research work. The practical course for post-graduation which is conducted by the department every year, is in great demand as shown by the number of students attending it. A National Oncology workshop was conducted in February 2008 under the aegis of FOGSI. The IVF Centre was launched in the hospital and it is the first IVF Centre in any Delhi Government hospital. The faculty is also involved in the training of students of fellowship in HIV medicine (one year course for doctors) and colposcopy training.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Coronis - International	Dr. A. Kumar	UK Medical
Study of Caesarean Section Surgical Techniques: A Randomised Factorial Trial. National Perinatal Epidemiology Unit (NPEU), University of Oxford, UK.	Dr. S. Batra	Research

Seminars/Conferences attended

Dr. Raksha Arora: Poster Presentation - 'Micronised Progesterone to Prevent Preterm Labour', ACOG at London and Madurai, July 2007.

Dr. S. Batra: Chaired oration by Dr. Wolfgang Zubke on Hysterectomy, 1st Annual Conference of Delhi Gynaecological Endoscopists Society, Moolchand Medicity, 15 April 2007.

Delivered lecture on 'Management of persistent trophoblastic disease', 29th Annual Conference of AOGD, AIIMS, New Delhi, 4 November 2007.

Attended Conference of AGOICON, Madhurai, 16-17 November 2007.

A. Kumar, S. Mittal, R.K. Gupta, P. Gulati and S. Batra: 'Quality of Life in Postmenopausal Women'. 29th Annual Conference of Association of Obstetricians & Gynaecologists of Delhi, November 2007.

Dr. Swaraj Batra: 'Management of Persistent Trophoblastic Disease'. Souvenir & Scientific Abstracts, 29th Annual Conference of AOGD-2007, Page 37.

Pakhee Aggarwal, Vijay Zutshi, Atul Juneja, Savita Dagar, Gauri Gandhi and Swaraj Batra: 'Prophylactic Antibiotics-A Concept Forgotten by Gynaecologists?' Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007, Page 60.

Pakhee Aggarwal, Swaraj Batra, Gauri Gandhi and Vijay Zutshi: 'Screening for Cervical Cancer in Low Resource Settings- Evaluation of Visual Inspection with Acetic Acid under Magnification', Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007, Page 44.

S. Mittal, A. Kumar, R.K. Gupta, S. Kapoor, P. Gulati, S. Prasad and S. Batra: 'Bone Mineral Density in Premenopausal and Postmenopausal Women'. Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007, p. 45.

Jagdeep Kaur, Akansha, R. Arora and S. Batra: 'Maternal Fatal Outcome in Vaginal Birth after Caesarian'. Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007, p.61.

Suparna Bhattacharya, Sudha Prasad and Swaraj Batra: 'Elective Hysterectomy: A Clinicopathological Review in a Tertiary Referral Hospital'. Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007, p. 71.

Mamta Meena, Krishna Agarwal, Ashok Kumar, S. Gyaneshwori, R.K. Gupta and Swaraj Batra: 'Calcium in Pregnancy'. Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007, p. 73.

Rachna Sharma, Suparna Bhattacharya, Vijay Zutshi and Swaraj Batra: 'Evaluation of Medical and Surgical Methods of Termination of Pregnancy < 63 Days'. Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007, p. 77.

Savita Dagar, S. Shamsunder, Vijay Zutshi, Gauri Gandhi and Swaraj Batra: 'Prevalence of Diabetes Complicating Pregnancy at a Tertiary Hospital in Delhi', Scientific Abstracts of 18th Annual Conference of NARCHI, 22-23 September 2007, p. 90.

Suparna Bhattacharya, M. Sharma, Swaraj Batra, R. Arora, S. Prasad, Vijay Zutshi and Gauri Gandhi: 'A Sample Survey of Treatment of Carcinoma Cervix in Lok Nayak Hospital- A Reality Faced by Oncologist'. Scientific Abstracts of 18th Annual Conference of NARCHI, 22-23 September 2007, p. 92.

Pakhee Aggarwal, Vijay Zutshi, Rachna Sharma, Atul Juneja and Swaraj Batra: 'Socio-Demographic Characteristic of Women Presenting for First Trimester vs. Second Trimester MTP', Scientific Abstracts of 18th Annual Conference of NARCHI, 22-23 September 2007, p. 101.

Vandana Goel, Y.M. Mala, Reva Tripathi and Swaraj Batra: 'Screening HIV Seropositive Women for Reproductive Tract Infections'. Scientific Abstracts of 18th Annual Conference of Narchi, 22-23 September 2007, Page 96.

Kamna, S. Prasad and A. Kumar: 'An Emerging Ovarian Reserve Marker: The Antimullerian Hormone'. 29th Annual Conference of Association of Obstetricians & Gynaecologists of Delhi, November 2007.

M. Meena, K. Agarwal, A. Kumar, Gyaneshwari, R.K. Gupta and S. Batra: 'Calcium In Pregnancy'. 29th Annual Conference of Association of Obstetricians & Gynaecologists of Delhi, November 2007.

Krishna Agarwal: 'Down syndrome Screening-For the motion', Scientific Abstracts of 29th Annual Conference of AOGD, 1-4 November 2007.

Vijay Zutshi, Pakhee Aggarwal, Binni Makkar and Swaraj Batra: 'Comparison of Transvaginal Sonography and Hysteroscopy in Abnormal Uterine Bleeding', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008. p. 45.

Rachna Sharma, Suparna Bhattacharya, Vijay Zutshi and Swaraj Batra: 'Study of Failed Sterilization Cases at a Tertiary Hospital', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 148.

Savita Dagar, S. Shamsunder, Vijay Zutshi, Gauri Gandhi and Swaraj Batra: 'Prevalence and Outcome of Diabetes Complicating Pregnancy at A Tertiary Hospital in Delhi', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 218.

Pakhee Aggarwal, Vijay Zutshi, Rachna Sharma, Atul Juneja and Swaraj Batra: 'Knowledge, Attitude and Practices of Abortion Seekers at a Tertiary Care Hospital, Book of Abstracts 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 219.

Puneet K. Kochhar, Gauri Gandhi, Swaraj Batra, Vijay Zutshi and D. Goswami: 'Evaluation of Intravaginal Misoprostol for Medical Management of Pregnancies less than 20 Weeks of Gestation with Absent Cardiac Activity. Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 220.

Krishna Agarwal, Ashok Kumar, S. Gyaneshwori, R.K. Gupta and Swaraj Batra: 'Serum Calcium Concentration and its Correlation with Calcium Intake and Urinary Excretion in Pregnant Women'. Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 46.

L. Wadhwa, A. Tempe, S. Batra, K. Agarwal and R. Hema: 'Role of Dydrogesterone in the Treatment of Idiopathic IUGR', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 51.

Jagdeep Kaur, Akansha, Raksha Arora and S. Batra: 'VBAC- Is It Safe?' Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 59.

Mamta Meena, Krishna Agarwal, Ashok Kumar, S. Gyaneshwori, R.K. Gupta and Swaraj Batra: 'Does Pregnancy Affect Serum Calcium Level?' Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 107.

Suparna Bhattacharya, Sudha Prasad and S. Batra: 'Obstetric admissions to the Intensive Care Unit', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 110.

Ashok Kumar, S. Mittal, R.K. Gupta, P., Gulati, and S. Batra: 'Menopausal Symptoms and Factors Affecting Quality of Life in North India Postmenopausal Women'. Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 119.

Poonam Sachdeva, Ashta Sukhija, Neha Gami, Raksha Arora and Swaraj Batra: 'Clinical Profile of LSCS, Tertiary Centre', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 152.

S. Tyagi, R. Tripathi and S. Batra: 'Role of Vulvoscopy in Evaluation of Vulval Lesions, Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 177.

Meenakshi Garg, S. Batra, Gauri Gandhi, Vijay Zutshi and Saritha Shyamsunder: 'Analysis of Abnormal Uterine Bleeding in Various Age Groups', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 212.

Neha Gami, Naithan, Poonam Sachdeva, Mridula Daga, Shamsoo Nisha, Raksha Arora and Swaraj Batra: 'Safety of Laparoscopic Tubal Ligation in Patients with Previous One or Two Caesarian Sections', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008.

Dr. U. Manaktala: 'LAVH vs. TAH: Evaluation of outcome and tissue trauma, A. Takkar, U. Manaktala, A. Rathore and S. Gupta, AOGD Annual Conference, All India Institute of Medical Sciences, New Delhi, p. 46.

S. Saini, U. Manaktala and A. Rathore: 'Pregnancy outcome in women with heart disease', AOGD Annual Conference, November 2007, at All India Institute of Medical Sciences, New Delhi, p. 58.

S. Tyagi, Y.M. Mala and R. Tripathi. 'Do All Women with Gestational Diabetes require Therapy?' Scientific Proceedings', 29th AOGD Conference, 2007, 59. Awarded 2nd Prize.

N. Singh, Chanchal, S. Tyagi and R. Tripathi: 'Analysis of Obstetric Outcome in Twin Pregnancy'. Scientific Proceedings, 29th AOGD Conference, 2007, p. 60.

Nalini, Tolia, Shakun Tyagi, Y.M. Mala and Reva Tripathi: 'Awareness regarding Hospital Waste Management: Gynaecology Department of a Tertiary Care Centre', Scientific Proceedings, 29th AOGD Conference, 2007, p. 62.

Rashmi Prasad, Shakun Tyagi, Chanchal, Y.M. Mala and Reva Tripathi: 'Uterine Av Malformation with Missed Abortion Masquerading as Choriocarcinoma in a Patient with RPL- A Case Report', Scientific Proceedings, 29th AOGD Conference, 2007, p. 74.

S. Tyagi, R. Tripathi and S. Batra: 'Role of Vulvoscopy in Evaluation of Vulval Lesions', Book of Abstracts, 51st All India Congress of Obstetrics & Gynaecology, Delhi, 1-5 February 2008, p. 177.

Publications

Manaktala, U., Gupta, S. and Batra, S. (eds). 2007. *Diagnostic procedures & minor surgical interventions in Obstetrics & Gynaecology*, contribution by all faculty members. New Delhi : Jaypee Medical Publishers.

Batra, S. 2007. Magpie Trial Follow-Up Study Collaborative Group. 'The Magpie Trial: A randomized trial comparing magnesium sulphate with placebo for pre-eclampsiam : Outcome for children at 18 months'. *BJOG*, 114(3): 289-98.

2007. Magpie Trial Follow-up Study Collaborative Group. 'The Magpie Trial: A randomized trial comparing magnesium sulphate with placebo for pre-Eclampsia: Outcome for women at 2 years'. *BJOG*, 114(3): 300-9.

Mehta, S., Zutshi, V., Batra, S. and Upadhyay, D. : 2007. 'Unusual Case of Congenital Teratoma'. *International Journal of Gynaecology & Obstetrics India*, 10(4) 51-3.

Zutshi, V., Mehta, S., Sachdeva, P., Khera, N., Gandhi, G. and Batra, S. 2007. 'Squamous cell carcinoma of the vulva in pregnancy: Case Report and Review of Literature'. *J. Obstet. Gynaecol. India*, 57(4): 356-7.

Batra, S. and Singh, S. 2007. 'Destructive Procedures'. *Diagnostic Procedures and Minor Surgical Interventions in Obstetrics and Gynaecology*, New Delhi : Jaypee Medical Publishers, p. 125.

Batra, S. and Aggarwal, P. 2007. Visual inspection with acetic acid and colposcopy diagnostic procedures and minor surgical interventions in Obstetrics and Gynaecology, Jaypee Publishers, p. 209.

Sachdeva, P., Batra, S. and Sukhija, A. 2007. 'Pap smear and Cervical Biopsy'. *Diagnostic Procedures and Minor Surgical Interventions in Obstetrics and Gynaecology*. New Delhi : Jaypee Publishers, p. 226.

Batra, S. 2008. 'Prediction and Prevention of Eclampsia', Scientific Proceedings, 51st Aicog, p. 26.

Batra, S. and Sachdeva, P. 2008. 'Role of Serum Calcium in Non Progress of Labour Due to Ineffective Uterine Contraction'. Scientific Proceedings, 51st AICOG, p. 227.

Published & Edited Book

Manaktala, U., Gupta, S. and Batra, S. (eds). 2007. *Diagnostic Procedures and Minor Surgical Interventions in Obstetrics and Gynaecology*, New Delhi : Jaypee Medical Publishers.

2007. (eds). *Diagnostic Procedure and minor Surgical Interventions in Obstetrics and Gynaecology*, New Delhi : Jaypee Brothers, (1st ed.).

Manaktala, U. and Takkar, A. 2007. 'Antepartum fetal surveillance'. *Diagnostic Procedures and Minor Surgical Interventions in Obstetrics and Gynaecology*, (ed.) Manaktala, U. and Gupta, S., New Delhi : Jaypee Brothers. pp. 60-72.

Manaktala, U. 2007. 'Operative vaginal delivery', *Diagnostic Procedures and Minor Surgical Interventions in Obstetrics and Gynaecology*, (eds) Manaktala, U. and Gupta, S. Jaypee Brothers. pp. 118-24.

Manaktala, U. 2007. 'Diagnostic laparoscopy', *Diagnostic Procedures and Minor Surgical Interventions in Obstetrics and Gynaecology* (ed) Manaktala, U. and Gupta, S. New Delhi : Jaypee Brothers. pp. 164-74.

Swati, M. and Manaktala, U. 2008. 'Knowledge and contraceptive practice in abortions seekers', Scientific book of AICOG, New Delhi : 263.

Manaktala, U. and Takkar, A. 2008. 'Tissue trauma in laparoscopic vs, abdominal hysterectomy', Scientific book of AICOG, New Delhi, p. 8.

Manaktala, U. and Gupta, M. 2008. 'Laparoscopic assisted vaginal hysterectomy vs abdominal hysterectomy', Scientific book of AICOG, New Delhi, p. 20.

Kumar, A., Sharma, K. and Prasad, S. 2007. 'Perinatal Outcome in Intrauterine Growth Restriction'. *Int. J. Gynaecol. Obstet. India.* 10(1): 46-50.

2007. 'Hepatitis C Infection and Pregnancy' (I.E Revisan La Infeccion Por El Virus De La Hepatitis C En El Embarazo) has been published on the main page of www.seiicsalud.com and in the Section 'Expertos Invitados' (Invited Experts) of Sociedad Iberoamericana De Información Científica' (*Siic*) on The Internet.

This manuscript has been translated into Spanish and has also been published in English: Kumar, A., 'La Infeccion Por El Virus De La Hepatitis C En El Embarazo' (Hepatitis C Infection and Pregnancy) *Salud(I) Ciencia* (Spanish journal), 15(4): 729-31.

Sharma, K.A., Kumar, A., Kumar, N., Aggarwal, S. and Prasad, S. 2007. 'Celiac Disease in Intrauterine Growth Restriction'. *Int. J. Gynaecol. Obstet.* 98(1): 57-9.

Kumar, A., Sharma, K.A., Gupta, R.K., Kar, P. and Chakravarti, A. 2007. 'Pregnancy Outcome in Hepatitis C Virus Infection'. *Int. J. Gynaecol. Obstet.*, 98(2): 155-6.

2007. 'Prevalence and Risk Factors for Hepatitis C Virus among Pregnant Women'. *Indian J. Med. Res.*, 126: 211-5.

Tempe, A., Wadhwa, L., Gupta, S., Bansal, S. and Satyanarayana, L. 2007. 'Prediction of Maternal Mortality and Morbidity by Simplified Acute Physiology Score (Saps Ii) in Obstetric ICU Admissions'. *Indian J. Med. Sci.*, 61(4): 179-85.

Ghosh, S.B., Mala, Y.M., Tripathi, R. and Tyagi, S. 2007. 'Coexisting genital tuberculosis and Endometriosis presenting as abdominal mass in an infertile woman: A report of a rare case'. *Fertil steril.*; [E-pub].

Wadhwa, L., Tempe, A. and Gambhir, S. 2007. 'Successful Pregnancy Outcome in an Operated Case of Astrocytoma'. *Obs. and Gynae Today*, XII (1).

Sharma, J.B., Wadhwa, L. and Malhotra, M. 2007. 'Prevalence of Osteopenia and Osteoporosis in Nurses in a Teaching Hospital of Delhi'. *International Journal of Gynaecology & Obstetrics India*, 10(2).

ORTHOPAEDICS (MAMC)

Publications

Dhal, A., Sural, S. and Pruthi, K. 2007. 'Pyknodysostosis: A Rare Bone Disorder'. *Delhi Journal of Orthopaedics*, 4. (1).

Gupta, A. 2007. 'The management of united fractures of the femoral neck using internal fixation and muscle pedicle periosteal grafting'. *JBJS(B)* 89 B: 1482-7.

Maini, L., Jain, N., Singh, H. and Gautam, V.K. 2007. 'Removal of a multi-segmental broken nail by closed technique using a TEN nail', *Journal of Trauma*, 63(6).

Sharma, H., Goel, N.K. and Maini, L. 2007. 'Winging of scapula following lymph node biopsy in posterior triangle of neck'. *Indian J. Surg.*, 69(2): 65-7.

Sharma, H. and Maini, L. 2007. 'Inferior Gluteal artery presenting as an Abscess'. *Indian Journal of Surgery*.

Sural, S.: Reviewer, *Indian Journal of Orthopaedics*.

Maini, L. : Editor, *Delhi Journal of Orthopaedics*.

(Co-author) 'Metastatic bone disease' Text-book of Orthopaedics by S.G. Kulkarni

Paper Presentation

Dhal, A. 2007. 'Early tendon transfer in ulnar nerve paralysis', Dr. Anil Dhal, Dr. Sumit Sural, Dr. Tarun Suri (presented by PG student- Dr. Tarun Suri) at Indian Society for Surgery of Hand Conference, Kodaikanal,

Dabas, V., Dhal, A. and Gautam, V.K. 2007. Poster Presentation 'Spontaneous recovery of post injection paralysis of radial nerve', Annual Conference of Indian Society of Hand Surgery, Kodai .

Kumar, V. 2007. 'Is the Popliteofibular Ligament, the Proximal Insertion of the Popliteus Muscle and the Arcuate Ligament the same Structure? An Anatomic and Terminological study' paper presented at 6th Biennial ISAKOS, Florence, Italy 27-31 May 2007.

'Early arthroscopic Release in Frozen Shoulder' electronic poster presented at 6th Biennial ISAKOS Congress, Florence, Italy, on 27-31 May, 2007.

'Anatomic Study of the Iliotibial Tract' electronic poster presented at 6th Biennial ISAKOS Congress, Florence, Italy 27-31 May 2007.

'Nitenol Graft Passing Wire Breakage in Arthroscopic anterior Cruciate Ligament Reconstruction during Transfix Fixation on Femoral side with Quadrupled Hamstring Graft: An innovative solution', electronic poster presented at 6th Biennial ISAKOS Congress, Florence, Italy, May 27- 31, 2007.

Dr. Sumit Sural: 'Correction of Genu Valgum deformity', paper presented at Clinical Conference, Nishitaga Hospital, Sendai, Japan, June 2007.

'Paraplegia in Eosinophilic Granuloma', paper presented at the 47th Seminar on Spine, Nishitaga Hospital, Sendai, Japan, 19-21 July, 2007.

'Correction of Knee flexion deformity in Polio, paper presented at Clinical Conference, Nishitaga Hospital, Sendai, Japan, July 2007.

'Occipito-Cervical fusion by modified Ransford loop' paper presented at Delhi Orthopaedic Association monthly meeting, MAMC, 25th August 2007.

Dr. 'Lalit Maini: 'Optimising Care of the tibial plateau fractures' paper presented at (Annual Conference IOA, Kolkata, December 2007.

'Traumatic Thoraco Lumbar Spondyloptosis', poster presented at Annual Conference IOA, Kolkata, December, 2007.

Honours:

Personal biography published in *Marquis First Edition of Who's Who of Emerging Leaders*, 2007.

Awarded International Health Professional of the year 2007 by the International Biographical Centre, Cambridge, England.

PULMONARY MEDICINE (VPCI)

Major Activities

The members of the Department are involved in patient care, research on different aspects of respiratory diseases and teaching of postgraduates in the subject. Major thrust areas of research include diseases like Bronchial Asthma, air pollution and its effects on the lungs, Allergic Rhinitis, COPD, ABPA, Pulmonary function tests, Diffuse Interstitial Lung Diseases, Farmer's Lung Disease, Clinical Allergy & Immunotherapy and Tuberculosis.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Clinico-immunologic studies on allergen specific immunotherapy in patients of respiratory allergy.	Prof. S.N. Gaur	DST
Assessment of the effects of high particulate pollutants on pulmonary health status in selected mega-cities of South Asia.	Prof. S.K. Chhabra	National Physical Laboratory

Effect of Indoor air pollution function of on respiratory children (7-15 years).	Dr. Raj Kumar	Ministry of Environment and Forest
A comparison of breath CO level of passive smokers among hotel and restaurant waiters and non-smokers.	Dr. Raj Kumar	WHO
Real Time PCR-based rapid detection of Mycobacterium tuberculosis from peripheral blood samples.	Dr. Raj Kumar Dr. B. Menon	WHO Department of Biotechnology

Honours/Distinctions

Prof. Ashok Shah: Editor, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of V.P. Chest Institute and the National College of Chest Physicians (India).

Associate Editor, *Indian Journal of Tuberculosis*, an official publication of the Tuberculosis Association of India.

Prof. S.K. Chhabra: Associate Editor, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of V.P. Chest Institute and the National College of Chest Physicians (India).

Seminar/Conference held

41st Annual Conference of the Indian College of Allergy, Asthma and Applied Immunology, Delhi, 9-12 December 2007.

Seminars/ Conferences attended

Dr. V.K. Vijayan: Guest Lecture, 'Health benefits of smoking cessation with special reference to cardio-respiratory health', and chaired a session on global intervention at the population level, Conference on 'Nutrition, Treatment and Cardiovascular Risk Management', Novi Sad, Serbia, 24-27 May 2007.

Guest Lecture on, 'Treatment of tuberculosis in Indian tuberculosis control programme', 25th Biennial Conference of the Indian Association of Leprologists, Kanpur, 19 November 2007.

Chaired sessions on 'World epidemiology' of COPD, Bronchodilator therapy in COPD- new measures of response, and Lungs in extreme environments', National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Organising Chairman, Guest lecture on 'Patho-physiology of asthma including pulmonary function tests and chaired sessions on Food allergy and Immunotherapy guidelines', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Guest Lecture on 'Prevalence, risk factors and management issues in Indian patients with bronchial asthma', 1st Indo-US Healthcare Summit, New Delhi, 13-15 December 2007.

Guest Lecture on 'Obstructive sleep apnea', 3rd National Conference of the Indian Society of Sleep Research, Bangalore, 16 December 2007.

Chaired a session on 'Important management issues in special population with community acquired Pneumonia', Tele-Conference on Community Acquired Pneumonia, Chandigarh, 23 December 2007.

Lectures on 'Introduction to bronchoscopy and Bronchoalveolar lavage-methodology', 13th National Conference of Indian Association of Bronchology (BRONCON 2008), Calicut, 1-3 February, 2008.

Guest Lecture on 'Tobacco control-Imperative for lung health', Chaired a session on 'Recent insight into ILD', 1st International Conference on Lung Health (PULMOCON-2008), Dhaka, Bangladesh, 20-22 February, 2008

Guest Lecture on 'Tobacco control: Imperative for cardio-pulmonary health', and chaired a session on 'Recent advances in cardiovascular sciences', 2nd International Symposium on 'Recent Advances in Cardiovascular Sciences', New Delhi, 28 February, 2008.

Prof. S.N. Gaur : Lecture on 'Immunotherapy in asthma', National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Lecture on 'Immunotherapy guidelines for India' 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Prof. Ashok Shah : Lecture on 'Allergic bronchopulmonary aspergillosis: Diagnosis and Radiology', Chaired a round table discussion on 'Sarcoidosis and tuberculosis: Enigma', National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Lecture on 'Allergic bronchopulmonary and sinus aspergillosis', Chaired a session on 'Clinical immunology', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi 9-12 December 2007.

Lecture on 'Smoking and tuberculosis and Chaired a session and guest lecture – ISTC and RNTCP, 62nd National Conference on Tuberculosis and Chest Diseases (NATCON 2007), New Delhi, 14-16 December 2007.

Guest Lecture on 'Sarcoidosis – Anything new?' chaired a session on Allergy updates', 1st International Conference on Lung Health (PULMOCON-2008), Dhaka, Bangladesh, 20-22 February 2008.

Prof. S.K. Chhabra: Course Director: Workshop on 'Pulmonary function tests'; Lecture on 'COPD in primary care', National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Course Director, Workshop on 'Pulmonary function tests', Lecture on 'Assessment of control in asthma; role of hygiene in asthma', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Chaired a panel discussion on COPD, 62nd National Conference on Tuberculosis and Chest Diseases (NATCON 2007), New Delhi, 14-16 December 2007.

Dr Raj Kumar: Lecture on 'Pharmacological management' National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Organising Secretary, Lecture on 'Food allergy in bronchial asthma – Our experience', Chaired a scientific session on 'Asthma – Epidemiology and pathophysiology', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Lecture on 'Role of bronchoscopy in sputum negative pulmonary tuberculosis', 13th National Conference of the Indian Association of Bronchology, Calicut, 1-3 February 2008.

Guest Lecture on 'Food allergy in respiratory diseases', 1st International Conference on Lung Health (PULMOCON-2008) Dhaka, Bangladesh 20-22 February, 2008

Dr. B. Menon: Participant, National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Participant' 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Publications

Chhabra, S.K. and Chhabra, P. 2007. 'Hepatic hydrothorax without ascitis'. *Indian J. Chest Dis. Allied Sci.* 49: 177-9.

2007. 'Distribution of body mass index and determinants of nutritional status among adults in Delhi'. *J. Health Pop. Nutr.*, 25: 294-301.

Chhabra, S.K. 2008. 'Assessment of control in asthma: The new focus in management'. *Indian J. Chest Dis. Allied Sci.*, 50: 109-16.

Diwakar, A., Dewan, R.K., Chowdhary, A., Randhawa, H.S., Khanna, G. and Gaur, S.N. 2007. 'Zygomycosis – A case report and overview of disease in India'. *Mycoses.*, 50: 247-54.

Gaur, S.N., Jain, S.K. and Singh, A.B. 2007. 'Prevalence of asthma, allergic rhinitis and sensitization with pollen and fungal allergens in the residents of Narora Atomic Power Plant Township, Narora, Uttar Pradesh, India'. *Indian J. Allergy Asthma Immunol.*, 21: 1-7.

Gaur, S.N., Singh, A.B. and Mehta, A.K. 2007. 'Successful desensitization with honeybee venom – A case report'. *Indian J. Allergy Asthma Immunol.*, 21: 69-72.

Gautam, P., Sundaram, C.S., Madan, T., Gade, W.N., Shah, A. and Sirdeshmukh, R., et al. 2007. 'Identification of novel allergens of *Aspergillus fumigatus* using immunoproteomics approach'. *Clin Exp. Allergy*, 37: 1239-49.

- Gulati, K., Ray, A. and Vijayan, V.K.** 2007. 'Free radicals and theophylline neurotoxicity: An experimental study'. *Cell Mol. Biol.* (Noisy-le-grand), 53: 42-52.
- Gupta, K., Kumar, R. and Gaur, S.N.** 2007. 'Effect of a domiciliary pulmonary rehabilitation programme on disability in patients with interstitial lung diseases'. *Indian J. Chest Dis. Allied Sci.*, 49: 213-7.
- Kala, J., Sahay, S. and Shah, A.** 2008. 'Bronchial anthracofibrosis and tuberculosis presenting as a middle lobe syndrome'. *Prim. Care Respir. J.*, 17: 51-5.
- Kausar, M.A., Vijayan, V.K., Bansal, S.K., Menon, B.K., Vermani, M. and Agarwal, M.K.** 2007. 'Mosquitoes as sources of inhalant allergens: Clinicoimmunologic and biochemical studies'. *J. Allergy Clin. Immunol.*, 120: 1219-21.
- Khanna, M., Kumar, P., Singh, V., Nazir, R. and Vijayan, V.K.** 2007. 'Expression of macrophage inflammatory Protein-1 α and eosinophilic derived neurotoxin in upper respiratory secretions during influenza virus infection'. *Indian J. Chest Dis. Allied Sci.*, 49: 81-5.
- Kukreja, N., Singh, B.P., Arora, N., Gaur, S.N. and Sridhara, S.** 2008. 'Identification of *Episporium purpurascens* allergen by two dimensional immunoblotting and mass spectrometry'. *Immunobiology*, 213: 65-73.
- Kumar, R., Kushwah, A.S., Mahakud, G.C., Prakash, S. and Vijayan, V.K.** 2007. 'Smoking cessation interventional and continuous abstinence rate at one year'. *Indian J. Chest Dis. Allied Sci.*, 49: 201-7.
- Kumar, R., Nagar, J.K., Kushwaha, A.S., Meena, M., Kumar, P. and Raj, N. et. al.** 2008. 'Indoor air pollution and respiratory functions in children in Ashok Vihar, Delhi; An exposure-response study'. *Asia Pacific J. Public Health*, 20: 36-48.
- Kumar, R., Nagar, J.K., Kumar, H., Kushwah, A., Meena, M. and Kumar, P., et. al.** 2007. 'Association of indoor air pollution level with respiratory problem among children in industrial area of Delhi, India'. *Arch. Environ. Occup. Health*, 62: 75-80.
- Mehta, A.K., Gaur, S.N., Arora, N. and Singh, B.P.** 2007. 'Effect of choline chloride in allergen induced mouse model of airway inflammation'. *Eur. Respir. J.*, 30: 662-71.
- Satyanarayana, K., Sharma, A., Parikh, P., Vijayan, V.K., Sahu, D.K. and Nayak, B.K., et. al.** 2008. 'Statement on publishing clinical trials in Indian biomedical journals' (Editorial). *Indian J. Med. Res.*, 127: 104-5.
- Shah, A.** 2008. 'Aspergillus-associated hypersensitivity respiratory disorders'. *Indian J. Chest Dis. Allied Sci.*, 50: 117-28.
- Shah, A., Kala, J. and Sahay, S.** 2007. 'Allergic bronchopulmonary aspergillosis with hilar lymphadenopathy in a 42-month-old boy'. *Ped. Pulmonol.*, 42: 747-8.
- Sharma, V., Singh, B.P., Gaur, S.N. and Arora, N.** 2008. 'Molecular and immunological characterization of cytochrome C: A potential cross-reactive allergen in fungi and grasses'. *Allergy*, 63: 189-97.

Sood, N., Gugnanai, H.C., Guarro, J., Joshi, A.P. and Vijayan, V.K. 2007. 'Subcutaneous phaeohyphomycosis caused by *Alternaria alternate* in an immunocompetent patient'. *Int. J. Dermatol.*, 46: 412-3.

Srivastava, D., Singh, B.P., Thangam, S.V., Arora, N. and Gaur, S.N. 2007. 'Immunotherapy with mosquito (*Culex quinquefasciatus*) extract: A double-blind, placebo-controlled study'. *Ann. Allergy Asthma Immunol.*, 99: 273-80.

Talwar, A., Liman, B., Greenberg, H., Feinsilver, S.H. and Vijayan, V.K. 2008. 'Sleep in the intensive care unit'. *Indian J. Chest Dis. Allied Sci.* 50: 151-62.

Thangam, S.V., Arora, N., Sridhara, S., Gaur, S.N. and Singh, B.P. 2007. 'Biopotency and identification of allergenic proteins in *Periplaneta americana* extracts for clinical application'. *Biologicals*, 35: 131-7.

Thangam, S.V., Srivastava, D., Arora, N., Gaur, S.N. and Singh, B.P. 2007. 'Stability of protease-Rich *Periplaneta americana* allergen extract during storage: Formulating preservatives to enhance shelf life'. *J. Clin Immunol.*, 27: 294-301.

Vijayan, V.K. 2007. 'Tropical pulmonary eosinophilia: Pathogenesis, diagnosis and management'. *Curr. Opin. Pulm. Med.*, 13: 428-33.

2007. 'Miliary tuberculosis and its sequelae'. *Indian J. Med. Res.*, 126: 176-8.

2008. 'Indian Journal of Chest Diseases and Allied Sciences: 50 years of publication (Editorial)'. *Indian J. Chest Dis. Allied Sci.*, 50: 5-6.

2008. 'Tropical Parasitic lung diseases'. *Indian J. Chest Dis. Allied Sci.*, 50: 49-66.

PHARMACOLOGY (MAMC)

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Clinical training Research Centre.	Dr. Uma Tekur	DBT

Publications

Books

Roy, V. Autacoids: For a book on Pharmacology, as part of National Science digital library, a Xth Five-Year Plan network, Council of Scientific and Industrial Research (National Institute of Science and Communication & Information Resources) in collaboration with UGC, MMRD.

Tekur, U. 'Anti-microbial agents' for a book on Pharmacology, as part of National Science digital library, a Xth Five-Year Plan network at the council of scientific and industrial research (National Institute of Science and Communication & Information Resources) in collaboration with UGC, MMRD.

Research Articles

Agarwal, S., Gupta, U., Kalra, B.S., Khurana, N. and Tayal, V. 2007. 'Hepatoprotective effect of tocopherol against isoniazid and rifampicin induced hepatotoxicity in albino rabbits'. *Ind. J. Exp. Biol.* 45: 1031-6.

Roy, V. 2007. 'Pharmacology for Dental students in India a need for change' *Indian Association Times.* 4: 11.

Kalra, B.S. and Tayal, V. 2007. 'Aliskiren: A novel rennin inhibitor for hypertension'. *Current Drug Therapy*, 2(3): 236-9.

2007. 'Darusentan: A promising drug for resistant hypertension', *JIMSA*, 20(3): 245.

Chawla, S., Datta, S., Kumar, N. and Tayal, V. 2007. 'Life threatening hyperkalemia and acute renal failure due to ACE inhibition (abstract)'. *Journal of Pharmacovigilance and Drug Safety*, 5: 125.

PHARMACOLOGY (UCMS)

Ph.D./M.D. Degrees awarded

Ph.D. - 2

M.D. - 2

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Role of Glutamate Receptors in Schizophrenia.	Prof. P.K. Mediratta Ms. Usura Ahmed	UGC

Honours/Distinctions

Dr. K.K. Sharma: Awarded Prof. Govinda Achari Oration at the XV Annual Confernece of the Indian Pharmacological Society, NIPER, Mohali, 1-3 September 2007.

Elected President, Indian Society of Rational Pharmacotherapeutics.

Elected President, Society of Pharmacovigilance (India).

Nominated Associate Editor, Annals of the National Academy of Medical Sciences (India).

Seminars/Conferences attended

Dr. Naresh Khanna: Attended XXVII Annual Conference of Indian Society of Atherosclerosis Research, Tirupati, 22-23 December 2007.

Dr. P.K. Mediratta and Dr. K.K. Sharma: Attended XL Annual Conference of Indian Pharmacological Society, NIPER, Mohali, 1-3 September 2007.

Dr. K.K. Sharma: Delivered Prof. Govinda Achari Oration Award Lecture, XLVII Annual Conference of the National Academy of Medical Sciences, Guru Nanak Dev University, Amritsar, 27-28 October 2007.

Chaired a Scientific session VII Annual Conference of the Society of Pharmacovigilance, National Institute of Medical Sciences, Medical College and Hospital, Jaipur, 23-25 November 2007.

Publications

Book

Garg, G.R. and Gupta, S. 2007. Review of Pharmacology, New Delhi: Pulse Publications.

2007. Pharmacology Made Easy (for MCI students), New Delhi: SG Publications.

2008. All India Post-graduate Medical Entrance Examination, New Delhi: Pulse Publications.

Sharma, H.L. and Sharma, K.K. 2007. Principles of Pharmacology, Hyderabad: Paras Medical Publishers.

Research Articles

Bharat, N., Gupta, S., Khurana, S., Mediratta, P.K. and Sharma, K.K. 2008. Anxiogenic and proconvulsant effect of gatifloxacin in Mice. Eur. J. Pharmacol. 580: 130-4.

Bhattacharya, S.K., Das, B.P., Rauniar, G.P. and Sangraula, H. 2007. Vagus nerve stimulation - A novel approach for prevention and control of refractory seizures, Kathmandu University, Med. J. 5(2): 18: 261-3.

Bhattacharya, S.K., Shastri, S., Mahajan, P., Madhu, S.B., Tripathi, A.K., Rauniar, G.P. and Das, B.P. 2007. Polymorphonuclear leukocyte function in type-2 diabetes mellitus patients and its correlation with glycemetic control. Nepal Med. Coll. J. 9: 111-6.

Gupta, H., Shah, D., Gupta, P. and Sharma, K.K. 2007. Role of paracetamol in treatment of childhood fever: a double-blind randomized placebo controlled trial. Indian Paediatr. 44: 903-11.

Gupta, S. Garg, G.R., Halder, S. and Sharma, K.K. 2007. Levosulpiride: a review, Delhi Psychiat. J.10: 144-6.

Paudel, K.R., Das, B.P., Rauniar, G.P., Sangraula, H., Deo, S. and Bhattacharya, S.K. 2007. Antinociceptive effect of Amitriptyline in mice of acute pain models, Indian J. Exp. Biol. 45: 529-31.

Rauniar, G.P., Deo, S. and Bhattacharya, S.K. 2007. Evaluation of Anxiolytic effect of tensarin in mice, Kathmandu University, Med. J. 5(2): 18: 188-194.

Sahay, K., Mahajan, P., Mediratta, P.K., Ahmed, R.S. and Sharma, K.K. 2007. Reversal of Lindane-induced impairment of step-down passive avoidance and oxidative stress by neurosteroids in rats. Toxicology 239: 116-26.

Tauseef, M., Sharma, K.K. and Fahim, N. 2007. Aspirin restores normal baroreceptor function in hypercholesterolemic rats by antioxidative action, Eur. J. Pharmacol, 556: 136-43.

Tripathi, A.K., Rathi, N., Suke, G., Banerjee, B.D., Ahmed, R.S., Mahajan, P. and Bhattacharya, S.K. 2008. Alteration of superoxide and nitric oxide-mediated antimicrobial function of macrophages by in vivo cocaine exposure, Can. J. Physiol. Pharmacol, 86: 64-9.

PHARMACOLOGY (LHMC)

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Efficacy of Qurse-e-istiqua in Hepatitis C Patients.	Dr. H.S. Rehan	CCRUM and Ayus

New Addition

Dr. Lalit Kumar Gupta Assoc. Professor

Seminar/Conference attended

Dr. H.S. Rehan: Presented a paper on 'Safety issues of Nasal Decongestants', VI SAARC Otolaryngology - Head and Neck Surgery Conference, Dhaka, 15-18 February 2008.

Publication

Rehan, H.S, Chopra, D. and Kakkar, A.K. 2007. 'Casualty assessment of spontaneously reported adverse drug events. Comparison of WHO-UMC criteria and Naranjo probability scale' Int. J. of Risk and Safety in Medicine.

PHARMACOLOGY (VPCI)

Major Activities

The Department was involved in Clinical and Pre-clinical research in Pharmacology and Toxicology in the area of Respiratory diseases and allied areas as well as some relevant areas of general pharmacology and toxicology, including pharmacodynamic and pharmacokinetic studies.

Seminars/Conference attended

Prof. A. Ray and Dr. Kavita Gulati: Attended IInd World Conference of Stres and IIIrd Cell Stress Society International Congress on Strees Responses in Biology and Medicine, Budapest, Hungary, 23-26 August 2007.

XL Annual Conference of the Indian Pharmacological Society, Changing Trends in Drug Discovery and Development at NIPER, 1-3 November 2007.

XLI Annual Conference of the Indian College of Allergy, Asthhma and Applied Immunology, VPCI, 10-12 December 2007.

Honours/Distinctions

Prof. A. Ray: Elected President, Society of Pharmacovigilance

Elected Fellow of the Indian Pharmacological Society

Prof. A. Ray and Dr. Kavita Gulati: Visiting Scientist Department of Pharmacology and Therapeutics, Semmelwies Medical University, Budapest, Hungary.

Prof. A. Ray: Visiting Scientist: University Institute of Pharmaceutical Sciences, Punjab University, Chandigarh,

Department of Pharmacology, L.M. College of Pharmacy, Ahmedabad.

Department of Pharmacology, M.S. University, Vadodara.

Division of Pharmacology, CDRI, Lucknow.

Ph.D./M.D. Degrees awarded

Ph.D. - 1

M.D. - 1

Publications

Ray, A. and Gulati, K. 2007. Nitric Oxide and the Central Nervous System: Perspectives and Trends. In: Current Trends in Pharmacology, New Delhi: IK, International, 367-82.

Gulati, K., Ray, A. and Pal, R. 2007. Free Radicals and Drug Toxicity: Focus on Theophylline, Cell Mol. Biol., 53: 78-83.

2007. Free Radicals and Theophylline neurotoxicity: An experimental study, Cell Mol. Biol., 53: 42-52.

Gulati, K., Chakraborti, A. and Ray, A. 2007. Modulation of stress induced neurobehavioral changes and brain oxidative injury by nitric oxide (NO) mimetics in rats. Behav Brain Res., 183: 226-30.

Gulati, K. Vishnoi, G. Tyagi, N. Vijayan, V.K. and Ray, A. 2007. A study to monitor adverse drug reactions of theophylline in patients of obstructive airway disease. J.Pharmacovigil Drug Safety, 4: 33-4.

Gulati, K. Ray, A. and Vijayan, V.K. 2007. Pharmacovigilance in special settings: A case study, J. Pharmacovigil Drug Safety, 5: 32.

Ray, A., Gulati, K. and Tripathi, S.K. 2007. Good Pharmacovigilance practices: A growing need journal Pharmacovigilance and Drug Safety, 5: 27.

Gulati, K. Ray, A. 2007. Experimental studies with herbal drugs as potential adaptogens. In proceedings of CEP on Phytochemistry, DIPAS, Delhi, p. 82-3.

Ray, A., Gulati, K. and Vijyan, V.K. 2007. Clinical studies with poly-herbal agents against drugs induced hepatotoxicity. In proceedings of CEP on Phytochemistry, DIPAS, Delhi, p. 80-1.

Kotwani, A., Ewen, M., Dey, D. et. al. 2007. Medicine prices and availability at six sites in India: using the WHO-HAI methodology. Indian Journal of Medical Research, 125: 645-54.

Kotwani, A. 2007. Medicine price components survey in Delhi, HAI News, 141-9.

Kotwani, A. Wattal C. Holloway, K., Sorenson, T.L. and Roy Chaudhury, R. 2007. Determining antibiotic use in India, Value in Health, 10, A36.

PHYSIOLOGY (LHMC)

Major Activities

The Department is carrying out research on the effects of Yoga practices like Pranayama and Meditation on the physiological functions of the human body such as cardio respiratory physiology and autonomic functions, in hypertensive subjects.

Electrophysiological parameters related to auditory functions like brainstem auditory evoked potential and pure tone audiometry are also being studied in hypertensive individuals.

M.D. Degrees awarded.

MD - 2

Publications

Research Articles

Gandhi, A., Kapoor, R., Jain, A., Chugh, P.K., Mondal, S., and Das, S. 2007. 'Role of integrated yoga. Practices as adjunct in the management of essential hypertension'. *Quarterly Bulletin of the Central Council for research in yoga and Naturopathy*, 6(2): 12-7.

Kumar, A., Kapoor, R. and Bajaj, S.K. 2007. 'Effect of dark adaptation on flicker electroretinogram in rabbit'. *Indian Journal of Physiology and Pharmacology*, 51(5): 448.

Kahlon, N., Gandhi, A., Mondal, S., Narayanan, S. 2007. Effect of iron deficiency anaemia on audiovisual reaction time in adolescent, girls'. *Indian Journal of Physiology and Pharmacology*, 51(5): 26.

Gandhi, A., Chandra, J., Mondal, S. and Kapoor, R. 2007. 'A study of the effect of integrated Yoga practices in children with Enuresis- a psychosomatic disorder', *Quarterly Bulletin of the Central Council for Research in Yoga and Naturopathy*, 6(3):14-17.

PHYSIOLOGY (MAMC)

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Sex differences in cognition: The role of handedness.	Dr. Rashmi Babbar	ICMR STS Project
Neuroprotective effect of Tempol in animal model of Parkinson's Disease.	Shalu Chandra Dr. Bal Krishana	UGC
Effect of drugs on behavioural evaluation and tyrosine hydiorxylase immunohistochemistry in rat model of Parkinson's Disease	Dr. Bal Krishana	ICMR

Honours/Distinctions

Dr. Nasreen Akhtar: Awarded the first prize for best paper presented at the International Conference of Cardio-pulmonary regulation in Health and Disease: Molecular and Systemic Integration' at VPCI, Delhi.

Publications

Jain, A.K., Written 7 books in the subject of Physiology during the year for UG (MBBS : BSc. Nursing, BDS etc.) and PG students.

Research Articles

Akhtar, N. and Babbar, R. 2007. 'Effect of Ramipril therapy on cognitive functions in cases of mild to moderate essential Hypertention'. *IJPP*, 51(1), 40-8.

Mahajan, A.S., Babbar, R., Kausal, N., Agarwal, S.K., and P.C., Ray. 2007. 'Antihypertensive and antioxidant actions of amlodepin and vitamin C in patients of essential hypertension'. *J. Clin. Biochem. Nutr.*, 40, 141-7.

Agarwal, S., Akhtar, N. and Babbar, R. 2007. 'Study of H-Reflexes and F-Waves in Iron deficiency anemia'. *Biomedicine*, 27(#): 113-6.

Arora, R., Sagar, R., Krishna, B. and Sharma, R.K. 2007. 'Cytoprotective effect of podophyllum hasandrum against gamma radiation is mediated via hemopoitic system stimulation and up-regulation of hemeoxugenase-1 and prosurvival multidomain protein Bcl-1'. *Intergrative Cancer Therapies*, 6(1): 54-65.

PHYSIOLOGY (UCMS)

Major Activities

The Department is actively engaged in basic and applied research in the field of Cardiovascular, respiratory system, neurophysiology, clinical electrophysiology including evoked potential, environmental and workplace physiology, pain and behavioral physiology.

A Yoga and Naturopathy centre has been opened in the Department of Physiology in collaboration with CCRYN, Ayush, Ministry of Health in September 2007.

Publications

Book

Sircar, S.S. 2008. Published as an International Edition by Thieme, Stuttgart, Germany.

Paper Published

Anjana, Y., Khaliq, F. and Goel, A., Tandon, O.P. 2007. 'Pulmonary Functional Status In ABO blood groups'. *IJPP*, 51(5): Suppl. 550.

Anjana, Y., Tandon, O.P., Vaney, N. and Madhu, S. 2008. 'Cognitive status in hypothyroid female patients: Event related evoked potential study'. *Neuro-endocrinology*.

Gautam, S., Shankar, N., Goel, N. and Tandon, O.P. 2008. 'Comparison of quality of life in users and non-users of hormone replacement therapy'. Souvenir-cum-Abstract book of National Symposium on 'Emerging role of Physiology and lifestyle interventions', Delhi, p. 73.

Haldwani, .D.R., Tandon, O.P., Rathore, R.K. and Mandal. A. 2007. 'Correlation of mean blood pressure (MBP) with pattern reversal visual evoked responses (VER) in normotensive and hypertensive subjects'. *Indian J. Physiol. Pharmacol.*, 51(5): 569.

Kyizom, T., Singh, S., Singh, K.P., Tandon, O.P. and Madhu, S.V. 2007. 'Effect of pranayama and yoga-asanas on visual evoked potential (VEP) in type 2 diabetes'. *Indian J. Physiol. Pharmacol.*, 51(5): 551.

Kyizom, T., Singh, S., S. V., Singh, K.P. and Tandon, O.P. 2007. 'Effect of pranayama and yoga-asana on P300; in type II diabetics', Abstracts of 4th Congress of Federation of Indian Physiological Societies New Delhi, p. 94.

Kyizom, T., Singh, S., Singh, K.P., Tandon, O.P. and Madhu, S.V. 2007. 'Effect of pranayama and Y oga-Asana on visual evoked potential (VEP) in type 2 diabetes'. *Indian J. Physiol. Pharmacol.* 51(5) (Suppl. 551).

PSYCHIATRY (UCMS)

Honours/Distinctions

Dr. M.S. Bhatia and Dr. Ravi Gupta: Received the PPA II award by Indian Psychiatric Society in January 2008.

Dr. Shruti Srivastava: Fellowship of the World Psychiatric Association, Young Psychiatrist Programme. 28 November to 2 December 2007.

Dr. Ravi Gupta: Received Best Young Psychiatrist award of the Indian Psychiatric Society in January 2008.

Seminar/Conference attended

Dr. Shruti Srivastava: Attended World Psychiatric Association, International Congress, Melbourne, Australia, 28 November-2 December 2007.

Publications

Bhatia, M.S. 2008. (ed.). *Textbook of Clinical Psychology*. Delhi: New Age Publishers and Distributors.

Bhatia, M.S. and Gupta, R. 2007. 'Suicide in Children and Adolescents', in *Recent Advances in Paediatrics* (19th edn.) (ed.), Gupta, S., Delhi: Jaypee Brothers, pp. 364-75.

Articles

Bhatia, M.S., Chhabra, V. and Gupta, R. 2007. 'Newer diagnostics entitle'. *Delhi Psychiatry Journal*, 10(2): 123-6.

Srivastava, S. and Bhatia, M.S. 2007. 'Quality of life changes in patients of obsessive compulsive disorder from India'. *Aust. Newzealand Journal of Psychiatry*, A276.

Gupta, R., Goel, D., Kukreti, R., Sangal, A. and Singhal, A. 2007. 'Extrapontine myelinolysis without striatal involvement presenting as pathological crying, reversible parkinsonism and dystonia', *Delhi Psychiatry Journal*, 10(2): 150-3.

Gupta, R., Bhatia, M.S., Chhabra, V., Sharma, S., Dahiya, D., Semalti, K., Sapra, R. and Dua, R.P.S. 2008. 'Sleep patterns of urban school going adolescents'. *Indian Paediatrics*.

Gupta, R. and Bhatia, M.S. 2008. 'Short-lasting neuralgiform headache with conjunctival injection and tearing: Response to antiepileptic dual therapy', *Neurology India*, 56: 71-3.

PSYCHIATRY (MAMC)

Major Activities

During the year, many activities, centred around providing clinical services to the general public in the out-patients Department, indoors and referrals. More than 3000 new patients were attended to in the OPD and patients requiring hospitalization were admitted in the indoor facilities. The Department also runs a General Practitioners' training programme in psychiatry for better and effective management of psychiatric cases at the primary care level.

Publications

Research Articles

Jiloha, R.C. 2007. 'Certificate as a document in psychiatric practice'. *Delhi Psychiatry Journal*, 10(1): 68-73.

2007. 'Ills of Mental Health Act, 1987'. *Delhi Psychiatry Journal*, 10(1): 73-6.

2007. 'Non-pharmacological treatment of alcohol dependence'. *Delhi Psychiatry Journal*, 10(2) : 119-22.

2007. 'Indian Society Social hierarchies and mental health of the Deprived'. *Delhi Psychiatry Journal*, 10(2) : 127-30.

Kishore, J., Mukherjee, R., Prashar, M., Jiloha, R.C. and Ingle, G.K. 2007. 'Beliefs and Attitudes towards Mental Health among Medical Professionals in Delhi', *Indian Journal of Community Medicine*, 32(3).

Agarwal, A., Biswas, D. and Sandhu, R. 2007. 'Writer's cramp induced by low dose of trifluoperazine: A case report'. *Eastern Journal of Psychiatry*, 10(1-2): 67-9.

Agarwal, A., Biswas, D. and Agarwal, S. 2007. 'Donepezil in traumatic brain injury: A report of two cases'. *Indian Journal of Neurotrauma*, 4(2): 1290131.

2007. 'Obsessional Jealousy: A brief review and case report from India'. *Psychiatry online*. http://www.priory.com/psychiatry/morbis_jealousy.htm.

PAEDIATRICS (MAMC)

Major Activities

The Department of Paediatrics continued to provide training in Paediatrics to MBBS, DCH and MD students. In addition, lectures were also delivered by the faculty at the College of Nursing and Indian Institute of Physically Handicapped.

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Newborn Screening for Congenital Hypothyroidism & Congenital Adrenal hyperplasia: A Multi-centric Study.	Dr. A.P. Dubey Dr. Seema Kapoor	ICMR
To evaluate the correlation between bone mineral density and homocysteine, folate Vitamin B12 and the Polymorphisms of the Methylenetetrahydrofolate reductase gene in pre-menopausal women of Asian Origin.	Dr. Seema Kapoor	Deptt. of Biotechnology

New Additions

Dr. Devendra Mishra - Assistant Professor

Honours/Distinctions

Dr. Panna Choudhury: Elected President Elect of Central IAP.

Dr. A.P. Dubey: Executive Editor of *Indian Paediatrics*.

Chairperson - IAP Nutrition Chapter.

Dr. S. Yadav - President -IAP Delhi State Branch.

Seminars/Conferences attended

Dr. Monika Juneja: Gave a talk on 'Toe-walking and Autism at National Conference of disability' Bangalore, 3-4 October 2007.

Attended the 25th International Congress of Paediatrics (AAP), Athens, Greece, 24-30 August 2007.

Attended the International Conference on Developmental Disabilities, Bangalore, 2-4 November 2007.

Attended the 45th National Conference of IAP (Paedicon), Bhubaneswar, 17-20, January 2008.

Dr. S. Yadav: Participated in the National Conference of IAP-(Paedicon 2008), Bhubaneswar, 16-20 February 2008.

Dr. N.B. Mathur, Chairman, Organizing Committee, International Neonatal Nursing Conference, New Delhi, 15-18 September 2007.

Dr. Alok Hemal: Attended the IAP-AAP Conference in Bangalore, November 2007.

Chaired a session on 'Recurrent Abdominal Pain in Children', Mid-Term National Conference of IAP Paediatric Gastroenterology Chapter, Gandhi Medical College, Bhopal, 18-19 April 2008.

Dr. D. Mishra: Attended 'National Conference of Indian Academy of Paediatrics', 2007, (Paedicon), Mumbai

Publications

Parakh, A., Dubey A.P., Chowdhury, V., Sethi, G.R., Jain, S. and Hira, H.S. 2007. 'Study of Pulmonary function tests in Thalassemic children'. *J. Paediatrics Hematol. Oncol.*, 29: 151-5.

Dubey, A.P., Dubish, S., Yadav, S. and Sudha, S. 2007. 'Growth pattern in multi-transfused Thalassemic children'. Abstract, 44th National Conference IAP – Paedicon, Mumbai.

Dubey, A.P. and Kumar, S. 2007. 'Efficacy of daily vs weekly iron supplementation in infants', Abstract - 44th National Conference IAP – Paedicon, Mumbai.

Bose, A., Dubey, A.P., Gandhi, D., Pandit, A., Raghu, M.B. and Reghupathy, P., et. al. 2007. Safety and Reactogenicity of a low - dose Diphtheria - Tetanus - Acellular Pertussis Vaccine (Boostic TM) in Pre-School Indian Children'. *Indian Paediatr.*, 44: 421-24.

Dubey, A.P., Sudha, S. and Parakh, A. 2007. 'Deferazirox: The New Oral Iron Chelator'. *Indian Paediatr.*, 44: 603-7.

Sethi, G.R. 2007. 'Tubercular Hepatitis', letter to Editor. *Indian Paediatrics*, 44: 50 .

Yadav, S. and Krishnamurthy, S. 2007. ' Role of Insulin growth factors in GH Deficiency'. *Ind. Paed.*, 44: 349-53.

- Krishnamurthy, S., Kapoor, S. and Yadav, S.** 2007. 'Nephrotic Syndrome with X linked Ichthyosis Kallmann Syndrome & Unilateral Renal Agencies'. *Ind. Paed.*, 44; 301-3.
- Yadav, S. and Krishnamurthy, S.** 2007. 'Immune Thombocytic Purpura as a presentation of Childhood Tuberculosis'. *Ind. J. Paed.*, 74: 853-5.
- Barnwal, A.K., Mandal, R.N., Singh, R.,** fulminant Hepatic Eailure complicating Visceral Leishmaniasis in an apparently immunocompete in child'. *Indian Journal of Paediatrics*, 74: 489-91.
- Mathur, N.B., Arora, D. and Mishra, T.K.** 2007. 'Role of TOPs : A simplified assessment of Neonatal acute physiology in Predicting mortality in transported neonates', *Paediatrica*, 96: 172-5.
- Rajeshwari, K.** 'Outbreak of Vibrio Cholerae INABA in Delhi'. *Tropical Doctor*.
- 'Use of Probiotic VSL#3 in Rotavirus Diarrhea'. *J. of Clinical Gastroenterology*.
- Pandey, P.K., Shroff, O., Kapoor, S., Kaur, N., Srivastava, N., Jain, P. and Garg, D.** 2007. 'Bilateral incyclotorsion, absent facial nerve, and anotia: Fellow travelers in Mobius sequence or oculoauriculovertebral spectrum?' *J AAPOS*. 11C (3): 310-2.
- Bagga, A., Menon, S., Hari, P., Martan, M. and Dinda, A.** 2007. 'Nephrotic syndrome preceding psoriasis in children'. *Paediatric Nephrol.*, 22(9): 1373-6. E-pub.
- Mishra, D., Sethi, M. and Mantan, M.** 2007. 'Factors affecting antibiotic prescribing pattern in Paediatric practice'. *Indian J. Paediatr.* 74(5):513.
- Mishra, D.** 2007. 'Cysticercosis headache: An important differential of childhood headache disorder in endemic countries'. *Headache*, 47(2): 301-2.
- Kumar, P., Gupta, V.K. and Mishra, D.** 2007. 'Non-compliance in Pyridoxine Dependent Seizures and a way out'. *J. Paed. Child Hlth.*, 43(7): 571-2.
- Batra, A. and Mishra, D.** 2007. 'Postictal pleocytosis : A difficult diagnosis in resource poor settings'. *J. Paediatr Neurol.*, 5(1): 67-9.
- Mishra, D.** 2007. 'Parents' perceptions and lifestyle issues in epilepsy'. *Indian J. Paediatr (Special supplement on epilepsy)*, 74 (SS-1): S43-46.
- Mishra, D., Archana and Pensi, T.** 2007. 'Health professionals' characteristics associated with requisitioning EEG in breath holding spells'. *J. Assoc. Phys. India*, 55: 671-2.
- Mishra, D. and Arora, P.** 2007. 'Domestic child labor in India'. *Indian Paediatr.*, 44: 291-2.
- Mishra, D., Sethi, M. and Mantan, M.** 2007. 'Factors affecting antibiotic prescribing pattern in Paediatric practice'. *Indian J. Paediatr.*, 74(5): 513.
- Mishra, D., Kohli, A., Yadav, R.B. and Nayak, D.** 2007. 'Megaloblastic Anemia: A Common Cause of Pancytopenia in Children'. *Indian J. Pathol. Microbiol.*, 50(2): 447-8.

- Dhingra, B., Mishra, D. and Arora, P.** 2007. 'Dal-water as a weaning food'. *Indian J. Paediatr.*, 74(9): 962-3.
- Mishra, D., Kalra, V. and Agarwal, K.** 2007. 'Awareness about taeniasis and neurocysticercosis among municipal school teachers in Delhi'. *J. Communic. Dis.*, 39(4).
- Mishra, D., Choudhary, K.K. and Gupta, A.** 2008. 'Headache with Autonomic Features in a Child - Cluster Headache or Contact-point Headache?' *Headache.*, 48: 473-5.
- Mishra, D., Kalra, V. and Seth, R.** 2008. 'Failure of Prophylactic Zinc in Wilson Disease'. *Indian Paediatr.*, 45: 151-3.
- Dubey, A.P.** 2007. 'Infectious diseases in Children - Measles, mumps, diphtheria, tetanus' in *IAP Textbook of Paediatrics*, New Delhi: Jaypee Brothers.
- Yadav, S.** 2007. 'Normal, precocious and delayed puberty' in *Handbook of Adolescent Gynaecology & ARSH* (eds.) Bhave, S.Y and Gandhi, A. Bronchiolitis, Delhi Jaypee Bros., pp. 41-50.
- Bhave, S.Y. and Yadav, S.** 2007. 'Risk taking behaviors and protection factors in Handbook of Adolescent Gynaecology and ARSH, (ed.) Bhave, S.Y. and Gandhi, A.B., Delhi: Jaypee Bros., 23-6.
- Yadav, S.** 2007. 'Eating Disorders' in *Handbook of Adolescent, Gynaecology and ARSH*, (eds.) Bhave, S.Y. and Gandhi, A. Bronchiolitis, Delhi: Jaypee Bros. pp.41-50.
- Yadav, S. and Krishnamurthy, S.** 2007. 'Intersex' in *Current trends in Paediatrics* (eds.) Mathur, G.P. and Mathur, S. Delhi: Academa Publishers, Vol. 3 275-84.
- Kumar, A.** 2007. 'Care of the High-Risk Newborn' in '*Essential Paediatric Nursing*', (2nd edn.), (ed.) Gupta, P. New Delhi: A.P. Jain & Co.
- Rajeshwari, K.** HIV in Children in *Standard Treatment Guidelines*.
- Kapoor, S.** *Geneticists Approach to Mental Retardation on Recent Advances of Paediatrics*, New Delhi: Jaypee Brothers.
- Patient information leaflets in Hindi on 'Congenital I Hypothyroidism and Congenital adrenal Hyperplasia'.
- 'Care of the High-risk Newborn' in '*Essential Paediatric Nursing*' (2nd ed.) (edn.) Gupta, P., New Delhi: A.P. Jain & Co.
- Mishra, D. and Aggarwal, K.** 2007. 'Child Abuse and Neglect', in Gupte, S. (ed.) *Recent Advances in Paediatrics-19*, Spl. Vol. *Developmental & Behavioral Paediatrics*, New Delhi: Jaypee Brothers, pp. 357-87.

PATHOLOGY (MAMC)

Honours/Distinctions

Dr. Tejinder Singh: Elected President of Indian Society of Haematology, November 2007.

Dr. Shyama Jain: Awarded prestigious 'Ernest Fernandes Award', by Indian Academy of Cytologists for the year 2007.

Publications

Verma, D., Jain, S., and Khurana, N. 2007. 'Papillary Carcinoma Thyroid Presenting as Skin Ulcerations'. *Cytopathol*; 18: 260-71.

Dhingra, K.K., Singhal, S. and Jain, S. 2007. 'Rare Coexistence of Keratinising Squamous Metaplasia with Xanthogranulomatous Pyelonehritis: Report of a Case with the Role of Immunocytochemistry in the Differential Diagnosis'. *Acta. Cytol.*, 51 (1): 92-4 .

Ouseph, M.M., Sharan, G.K., Sharma, P., Rathi, A.K., Jain, S., Singh, K. and Bahadur, A. K. 2007. 'Osteogenic Sarcoma with Cutaneous Metastases'. *A Case Report Acta. Cytol .*, 51(1): 102-6.

Mahajan, D., Setia, N. and Jain, S. 2007. 'Filariasis Coexisting with a Cold Abscess'. *Acta. Cytol.*, 51(2): 248-9.

Mandal, S. and Jain, S. 2007. 'Purulent Nipple Discharge : A Presenting Manifestation in Tuberculous Mastitis'. *A Case Report Breast, J.*, 13(2): 205.

Mandal, S., Jain, S. and Khurana, N. 2007. 'Breast Lump as an Initial Manifestation in Acute Lymphoblastic Leukemia: An Unusual Presentation'. *A Case Report Hematology.* 12(1): 45-7.

Parakh, A., Dubey, A.P., Chowdhary, V., Sethi, G.R., Jain, S. and Hira, H.S. 2007. 'Study of Pulmonary Function Tests in Thalessemic Children'. *J. Paed Hematol Onco1.*, 29 (3): 151-5.

Sachdev, R., Setia, N. and Jain, S. 2007. 'Sinus Histiocytosis with Massive Lymphadenopathy: Is the Lymph node Enlargement always Massive?' *Medicina Oral Patologia Oral y Cirugia Bucal.* 12 (3): E 198 -200.

Wadhwa, A., Kaur, R., Agarwal, S.K., Jain, S. and Bhalla, P. 2007. 'AIDS Related Opportunistic Mycoses seen in a Tertiary care Hospital in North India'. *Journal of Medical Microbiol.*, 56: 1101-6.

Gupta, R., Dhingra, K., Singh, S., Nigam, S. and Jain, S. 2007. 'Multicystic Nephroma: A Case Report'. *Acta Cytol.*, 51(4): 651-3.

Mandal, S., Varma, K. and Jain, S. 2007. 'Cutaneous Manifestations in Non Hodgkins's Lymphomas'. *Acta. Cytol.*, 51 : 853-9.

- Varma, K., Mandal, S., Jain, S. and Mandal, A.K.** 2007. 'An Ulcero proliferative growth in the Gingiva : A Cytological Approach to the Diagnosis'. *Cytopathol.*, 18(6): 376-9.
- Sachdev, R. and Jain, S.** 2007. 'Carcinoma of the Cervix with Incisional skin metastasis: A rare event'. *Pathology*. 39(1): 168- 9.
- Dhingra, K.K., Singhal, N., Nigam, S. and Jain, S.** 2007. 'Unsuspected multiples myeloma presenting as bilateral pleural effusion - A cytological diagnosis'. *Cyto. Journal*, 4-17.
- Dhingra, K., Sachdev, R., Singhal, N. and Jain, S.** 2007. 'Myeloma Presenting as Bilateral Pleural Effusion - A Cytological Diagnosis *Journal of Cytology*, 24(2): 101-2.
- Singh, S., Gupta, R., Khurana, N., Aggarwal, S.K. and Mandal, A.K.** 2007. 'Clinicopathological profile of 22 cases of cystic renal dysplasia'. *IJPM*, 50(1): 6-10.
- Gupta, P., Singh, D.K. and Singh, S. and Khurana, N.** 2007. 'Bilateral encapsulated adipocytic prosoplasia of ovary with fat necrosis: A case report'. *Arch. Obstt. Gynaeco.*, 275(4): 307-9.
- 'Cutaneous tuberculosis in children and adolescence : A clinicopathologic study'. *J. Euro. Acad. Dermatol.*, 21(1): 40-1.
- Kalra, B.S., Aggarwal, S. Khurana, N. and Gupta, V.** 2007. 'Effect of cimetidine on hepatotoxicity induced by Isoniazid-Rifampicin combination in rabbits'. *Ind J. Gastroenterol.*, 26 : 28-21.
- Gupta, R., Khurana, N. and Singh, S.** Pathology. 2007. 'Primary chordoma of the nasal cavity : A rare site of presentation'. 39(2): 273-5.
- Srivastava, A.K., Jagetia, Tatke, M. and Khurana, N.** 2007. 'Scalp and intramural metastasis from pleomorphic adenocarcinoma'. *Neurology India*, 55(4): 433-4.
- Dhingra, K., Mandal, S., Khurana, N. and Mandal, A.K.** 2007. 'Gliomatosis peritonei presenting as rectovaginal septal mass following recurrent ovarian teratoma'. *Acta Oncologica*, 46(7): 1035-6.
- 'Pappillary carcinoma thyroid presenting with skin ulceration'. *Cutopathology*, 18: 260-7.
- Sharma, P., Khurana, N. and Singh, T.** 2007. 'Pseudogaucher cells in HbE disease and Thalessemia intermedia'. *Haematology*, 27(1).
- Das, P., Jain, D., Vaiphei, K. and Wig, J.D.** 2007. 'Abberant Crypt Foci : Importance in Colorectal Carcinogenesis and Expression of p53 and mdm2: A Changing Concept'. *Dig. Dis. Sci.*, 14.
- Jain, D., Sharma, M.C., Sarkar, C., Rishi, A., Suri, V., Garg, A. and Mahapatra, A.K.** 2007. 'Spinal teratoma with pulmonary differentiation: A report of rare case and review of literature. *Fetal Paediatr. Pathol.*, 26(4): 185-91.

- Jain, D., Singh, T. and Arora, P.** 2007. 'Down' syndrome with microgranular variant of acute promyelocytic leukemia in a child: A case report'. *J. Med. Case Reports*, 24;1(1): 147.
- Das, P., Vaiphei, K., Jain, D., Wig, J.D.** 2007. 'p53 and mdm2 Expression in Colorectal Carcinoma: A Correlative Analysis with Clinical Staging and Histological parameters'. *Int. J. Surg. Pathol.*, 15(4): 335-45.
- Jain, D., Singh, T., Kumar, N. and Daga, M.K.** 2007. 'Metastatic malignant melanoma in bone marrow with occult primary site: A case report with review of literature'. *Diagn. Pathol.*, 2; 2(1): 38.
- Jain, V.K., Jain, D., Kataria, H., Shukla, A., Arya, R.K. and Mittal, D.** 2007. 'Melioidosis: A review of Orthopaedic manifestations, clinical features, diagnosis and management'. *Indian J. Med. Sci.*, 61(10): 580-90.
- Das, P., Jain, D. and Das, A.** 2007. 'A retrospective autopsy study of histopathologic spectrum and etiologic trend of fulminant hepatic failure from North India'. *Diagn. Pathol.* 27;2(1): 27.
- Gupta, S.K., Jain, D. and Singh, T.** 2007. 'Plasmodium falciparum in trephine biopsy'. *Am. J. Hematol.*, 19.

Books

- Singh, T.** 2007. Written chapters in '*Recent advances haematology*. New Delhi: Jaypee Brothers.
2007. *Practical Haematology*, New Delhi: Jaypee Brothers.
2008. *Haematology Today*, Mumbai: M.B. Agarwal.
2007. *Medicine in Emergencies*, Grover, Pushpanjali Publications.

SURGERY (MAMC)

Honours/Distinctions

- Prof. Pawanindra Lal:** Awarded Commonwealth Fellowship in Laparoscopic Colorectal Cancer Surgery, October 2007 - April 2008, Southend University Hospital, Essex, UK.
- Dr. R.C.M. Kaza:** Awarded Achiever's Award on Founders Day of the Golden Jubilee celebrations of the College, 26 February 2008.
- Dr. S.K. Jain:** Received First prize in poster presentation at the Annual Conference of Delhi State Chapter of ASI MAMC, November 2007.
- Received First prize in poster presentation at AMASICON 2007, Hyderabad.

M.S. Degrees awarded

General Surgery - 8

New Additions

Dr. C.B. Singh - Assistant Professor
Dr. R.D. Singh - Assistant Professor
Dr. Sushanto Neogi - Assistant Professor

Seminars/Conferences attended

Dr. A.K. Sarda: Organizing Secretary, Surgicon 2007, Annual Conference of Delhi State Chapter of ASI, 17-18 November 2007.

Annual Conference of International College of Surgeon's, Agra, October 2007.

Dr. R.C.M. Kaza: Organised International Conference for 'No Scalpel Vasectomy', Amritsar, Punjab, October 2007.

Publications

Lal, P., Philips, P., Saxena, K.N., Kajla, R.K., Chander, J. and Ramteke, V.K. 2007. 'Laparoscopic total extraperitoneal (TEP) inguinal hernia repair under epidural anaesthesia: A detailed evaluation'. *Surg. Endosc.* 21: 595-601.

Lal, P. and Saxena, K.N. 2008. 'Laparoscopic total extraperitoneal (TEP) inguinal hernia repair under epidural anaesthesia: A detailed evaluation'. *Surg. Endosc.*, 22: 257.

Lal, P., Kajla, R.K., Jain, S.K., Chander, J. and Ramteke, V.K. 2007. 'Stapled Hemorrhoidopexy: A Technique for Applying the Crucial Purse String Suture' (MAMC Technique). *Surg. Lap. End. Per. Tech.*, 17: 500-3.

Jain, S.K., Kaza, R.C. and Pahwa, M. 2007. 'Role of cyanoacrylate in the management of low fistula in ano: A prospective study'. *Int. J. Colorectal Dis.* 11.

Jain, S.K., Kaza, R.C.M., Gupta, A. and Kumar, V. 2007. 'Crossed ectopia of ureters with single ureteric opening: A rare anomaly'. *Journal of Paediatric Urology.* 3: 330-2.

LADY HARDINGE MEDICAL COLLEGE

Major Activities

A multi-slice CT scan machine has been installed in the Radio diagnosis department of Smt. S.K. Hospital.

A new modern 14-bedded post-operative ward has been added in the Orthopaedics department.

A 'Yoga and Naturopathy OPD and Life Style Intervention Centre" has been set up in the Department of Physiology, in collaboration with Central Council for Research in Yoga & Naturopathy.

New Course Introduced

B.Sc. Nursing

New Additions

Dr. Anil Mehtani, Professor & Head of Orthopaedics,
Dr. Manisha, Professor of Gynaecology,
Dr. Anshu Gupta, Professor of Obstetrics & Gynaecology,
Dr. Lalit Kumar Gupta, Associate Professor of Pharmacology,
Dr. Anupam Prakash, Assistant Professor of Medicine,
Dr. Debasish Chaudhury, Assistant Professor of Medicine,
Dr. Shrabana Kumar Naik, Assistant Professor Forensic Medicine,
Dr. Deborshi Sharma, Assistant Professor of Surgery,
Dr. Anita Shankar Acharya, Assistant Professor of Community Medicine,
Dr. Tapas Kumar Ray, Assistant Professor of Community Medicine,
Dr. Bhawna, Assistant Professor of Paediatrics,
Dr. Archana Puri, Assistant Professor of Paediatric Surgery,
Dr. Mukta Rani, Assistant Professor of Forensic Medicine,
Dr. Anil Kaintura, Assistant Professor of Medicine,
Dr. Ranvinder Kaur, Assistant Professor of Anaesthesiology,
Dr. Punita Kumari Sodhi, Assistant Professor of Ophthalmology,
Dr. Pikee Saxena, Assistant Professor of Obstetrics & Gynaecology,
Dr. M.C. Sarmah, Additional Medical Superintendent.

UNIVERSITY COLLEGE OF MEDICAL SCIENCES

ANATOMY

The Department organised a meet of Delhi Association of Morphological Sciences (DASMOS) on 1 December 2007. This was attended by all the renowned Anatomists of Delhi. Dr. Veena Bharihoke was elected President, Dr. Kamlesh Khatri as Secretary.

BIostatistics AND MEDICAL INFORMATICS

The assignments completed during the year under report are: (i) Various scenarios and discussion papers on regional representation in the Executive Board of WHO; (ii) A full book on 11 Health Questions about the 11 SEAR Countries; and (iii) A country-level questionnaire on Health Information Systems in SEAR Countries.

DENTISTRY

Computerised digital radiography and computerised oral imaging facilities were set up in the Department.

DERMATOLOGY

The Department is running an ART clinic catering to East Delhi and Western UP. This is also screening inmates of the Tahirpur Leprosy Home as per guidelines from Hon'ble High Court to the Department of Social Welfare, GNCT of Delhi.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Study to evaluate the significance of Xanthelasma palpebrum as a marker of dyslipidemia and systemic disease	P. Gupta D. Pandhi	ICMR

MEDICINE

The Dialysis Unit started the facility for continuous renal replacement therapy. Diabetes and Endocrinology services contributed on the subject of assessment of postprandial hypertriglyceridemia in diabetes and prediabetes. Preventive Cardiology initiated newer modalities of carotid imaging to assess cardiovascular risk status.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Registry of people with diabetes in India of young age at onset.	S.V. Madhu	ICMR
Role of stress and stress-related physiological response in the development of Type 2 diabetes mellitus.	S.V. Madhu	ICMR

OTORHINOLARYNGOLOGY

The laryngeal framework surgery course included demonstration and hands-on experience in thyroplasty techniques, demonstrated by an International faculty panel.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Development of diagnostic and standard treatment algorithm to reduce the burden of preventable deafness.	P.P. Singh N. Gupta	WHO
Development of evidence based IEC material for prevention of deafness.	P.P. Singh N. Gupta	WHO

PAEDIATRICS

The Department has started providing specialised services to the community by establishing a Child Development Clinic as well as a Haemophilia Day Care Centre during this period.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Sero conversion following second dose of MMR.	S. Gomber	Department of Family Welfare, Govt. of NCT, Delhi

PATHOLOGY

Dr. Usha Rusia: Elected President of the Delhi Society of Haematology for the years 2007-09.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Effect of imatinib therapy in chronic myeloid leukemia with special reference to myelofibrosis.	U. Rusia	UGC
Expression and prognostic relevance of key immuno-histochemical markers in Indian women with carcinoma breast.	N. Wadhwa	DBT

SURGERY

An Agreement for Performance of Work between WHO and UCMS to implement the WHO SEARO teaching module on prevention and control of injuries for the under-graduate medical curriculum at UCMS and LHMC was signed. The Department also actively participated in the National Family Welfare Programme: Five faculty members and one senior resident were trained for performing Non Scalpel Vasectomy operations.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
To implement the WHO-SEARO teaching module, on 'Prevention and Control of Injuries' for undergraduate medical curriculum at UCMS and LHMC.	B.K. Jain	WHO

COMMUNITY MEDICINE

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Achieving MDGS: INCLLEN pilot study on Government health systems in Ethopia.	S. Chaturvedi	International Development Research Centre, Canada, USAID, GOI
Model injection centre projects, India.	S. Chaturvedi	UNICEF
Assessment of integrated management of neonatal and childhood illness in India.	S. Chaturvedi	USAID, WHO, John, Hopkins Univ. INCLLEN
Social determinants for effective implementation of polio eradication programme.	S. Chaturvedi	Akshay Patra Foundation
An IPEN study in high risk districts of Moradabad and JP Nagar (UP), India.		
Impact of mid-day meal programme on growth and development of primary school children: A longitudinal cohort study.	A.K. Sharma	DHS Govt. NCT, Delhi.
Impact assessment of mobile health schemes.	A.K. Sharma	

OBSTETRICS AND GYNAECOLOGY

Collaborative research project 'Risk assessment of pesticide residues in humans with special reference to adverse reproductive outcomes in Delhi population'. Department of Biochemistry and Obstet. and Gyn., UCMS and Central Pollution Control Board, Delhi.	K. Guleria	CPCB
---	------------	------

International Multicentric Trial: K. Guleria
CORONIS Trial; The International
CAESER Study - Cesarean Section
Surgical Techniques: a randomized
factorial trial.

WHO Global Survey on Maternal Rachna WHO
and Perinatal Health: Mode of
Delivery and Pregnancy Outcomes.

Library Development

Total Budget : Books 24 Lakh; Journals 40 Lakh
Books added : 583
Journals subscribed : Current 160; Bound volumes 18830

Publications

Ackland, J., Allen, S., Indrayan, A., et. al. 2007. Executive summary and recommendations from the WHO/UNAIDS/IAVI expert group consultation on 'Phase IIB-TOC trials as a novel strategy for evaluation of preventive HIV vaccines', 3 January – 2 February 2006. IAVI, New York, USA. *AIDS*; 21: 539-46.

Indrayan, A. 2007. '11 Health Questions about the 11 SEAR Countries'. Prepared for the World Health Organisation, SEARO, New Delhi.

2008. *Basic Methods of Medical Research*, edition. Delhi: AITBS Publishers.

2007. 'Biostatistics for clinicians', in *Textbook of Preventive and Social Medicine*, (2nd edn.) (Gupta, P. and Ghai, O.P., (eds), New Delhi: CBS Publishers and Distributors, pp. 601-20.

2008. 'Country Level Questionnaire on Health Information System'. Prepared for the World Health Organisation, SEARO, New Delhi.

Indrayan, A. 2007. Discussion Paper on 'Regional Representation in WHO–Executive Board'. Prepared for the World Health Organisation, SEARO, New Delhi.

2008. *Medical Biostatistics*, edition. New York: Chapman & Hall/CRC Press.

Bhasin, S.K., Rajoura, O.P., Sharma, A.K., Metha, M., Gupta, N., Kumar, S. and Joshi, I.D. 2007. 'High prevalence of casearen section rate in east Delhi'. *Indian J. Community Med.*, 32: 222-4.

Bhasin, S.K., Saini, N.K., Trikha, V.K. and Joshi, I.D. 2007. 'The disappearing girl child: Possible role of sterilizations as a method of family planning'. *Indian J. Community Med.*, 32: 212-4.

- Chaturvedi, S., Pant, M., Neelam and Yadav, G.** 2007. 'Hypertension in Delhi: Prevalence, awareness, treatment and control'. *Trop. Doct.*, 37: 142-5.
- Chaturvedi, S., Chhabra, P., Bharadwaj, S., Smanla, S. and Kannan, A.T.** 2007. 'Fatal sex determination in Delhi: A population based investigation'. *Trop. Doct.*, 37: 98-100.
- Chaturvedi, S. and Jena, T.K.** (eds.). 2008. *Epidemiology in maternal and child health* (Course Text for Postgraduate Diploma in Maternal and Child Health). New Delhi: Indira Gandhi National Open University.
- Chaturvedi, S.** 2008. 'Epidemiological and statistical exercises', in Jena, T.K., (ed.), *Preventive MCH Practical* (Course Text for Postgraduate Diploma in Maternal and Child Health). New Delhi: Indira Gandhi National Open University, pp. 39-49.
- Chhabra, P. and Chhabra, S.K.** 2007. 'Distribution and determinants of body mass index of non-smoking adults in Delhi, India'. *J. Health Popul. Nutr.*, 25: 302-11.
- Sharma, A.K., Bhasin, S.K. and Chaturvedi, S.** 2007. 'Predictors of knowledge about malaria in India'. *J. Vect. Borne Dis.*, 44: 189-97.
- Sharma, A.K., Jha, N. and Pokhrel, P.** et. al. 2007. 'Community based medical education: The Nepal experience'. *Indian J. Community Med.*, 32: 195-7.
- Sharma, A.K. and Sharma, R.** 2007. 'Impact of mass media on knowledge about tuberculosis control among home makers in Delhi'. *Int. J. Tuberc. Lung Dis.*, 11: 893-7.
- Rai, P., Gupta, U. and Kalra, N.** 2007. 'Self replantation of an avulsed tooth in torsoversion: A 10-year follow up'. *Dental Traumatol.*, 23: 158-61.
- Rai, P. and Kalra, N.** 2008. 'Eagle's Syndrome: A case report'. *J. Indian Dental Assoc.*, p. 2.
- Das, S., Goyal, R. and Bhattacharya, S.N.** 2007. 'Laboratory-based epidemiological study of superficial fungal infections'. *J. Dermatol.*, 34: 248-53.
- Das, S., Saha, R. and Bhattacharya, S.N.** 2007. 'Disseminated nodular granulomatous perifolliculitis'. *Indian J. Med. Microbiol.*, 25: 288-90.
- Gandhi, V., Aggarwal, P., Dhawan, J. and Singh, U.R.** 2007. 'Bhattacharya, S.N. Dorfman-Chanarin syndrome'. *Indian J. Dermatol. Venereol. Leprol.*, 73: 36-9.
2007. 'Lichen scrofulosorum on the genitalia—an unusual presentation'. *Int. J. Dermatol.*, 46: 548-9.
- Lakra, A., Singh, N., Arora, V.K., Bhatia, A. and Bhattacharya, S.N.** 2007. 'Tuberculoid morphology in borderline lepromatous leprosy'. *Acta. Cytol.*, 51: 491-2.
- Pandhi, D., Khanna, D., Singal, A. and Madhu, S.V.** 2007. 'A novel congenital ichthyosiform syndrome with associated panhypopituitarism, corneal opacities and mental retardation'. *Arch. Dermatol. Res.*, 299: 457-60.

- Pandhi, D., Mehta, S. and Singal, A.** 2007. 'Genital tuberculid in a female child: A new entity (childhood vulval tuberculid)'. *Pediatr. Dermatol.*, 24: 573-5.
- Pandhi, D., Singal, A. and Aggarwal, S.** 2008. 'Adult onset, hypopigmented solitary mastocytoma: Report of two cases'. *Indian J. Dermatol. Venereol. Leprol.*, 74: 41-3.
- Singal, A.** 2008. 'Dermaloses in pregnancy' in *Advances in Obstetrics and Gynaecology* (1st edition). (eds.) Vol.2, Rajaram, S., Mehta, S., Goel, N. New Delhi: Jaypee Publishers, pp. 202-20.
- Singal, A., Pandhi, D., Bhattacharya, S.N., Das, S., Aggarwal, S. and Mishra, K.** 2008. 'Pheophycomycosis caused by *Exophiala spinifera*: A rare occurrence'. *Int. J. Dermatol.* 47:44-7.
- Singal, A., Pandhi, D. and Rusia, U.** 2007. 'Purpuric pityriasis rosea-like eruption: A cutaneous marker of acute myeloid leukaemia'. *J. Eur. Acad. Dermatol. Venereol.*, 2: 822-3.
- Agarwal, M.P., Chaudhury, B.R., Banerjee, B.D. and Kumar, A.** 2008. 'Ascitic fluid examination for diagnosis of spontaneous bacterial peritonitis in cirrhotic ascites'. *J. Indian Acad. Clin. Med.*, 9: 29-32.
- Avasthi, R. and Chowdhary, P.P.** 2007. 'Management of chronic heart failure', in *Clinical Medicine Update*; (Indian Association of Clinical Medicine). 10 :125-40.
- Avasthi, R., Chowdhary, S.C. and Pylori, H.** 2008. 'Association with megaloblastic anemia'. *J. Assoc. Physicians India*, 56: pages.
- Batra, V., Kalra, O.P., Mathur, P. and Kavita, Dev G.** 2007. 'Membranous glomerulopathy associated with placental site trophoblastic tumor: A case report'. *Nephrol. Dial Transpl.*, 22: 1766-8.
- Dwivedi, G. and Dwivedi, S.** 2007. 'Sushruta – the Clinician – Teacher par excellence'. *Indian J. Chest Dis. Allied Sci.*, 49: 51-2.
- Dwivedi, S., Aggarwal, A. and Khanna, S.** 2008. 'Timeline of cardiovascular continuum: Does it tick together in a subset of coronary artery disease?' Proceedings of Annual Conference of the International Society of Heart Research & Heart Failure Society of India, Department of Cardiology and Experimental Medicine & Biotechnology, PGIMER, Chandigarh, India, 20.
- Dwivedi, S., Aggarwal, A. and Kumar, V.** 2007. 'Cannabis smoking associated with acute coronary syndrome'. *Int J Cardiol.* doi: 10.1016/j.ijcard 2007.04.167.
- Dwivedi, S. and Aggarwal, A.** 2007. 'Coronary artery disease in young - An Indian perspective', in: *Clinical Medicine Update*, A publication of Indian Academy of Clinical Medicine. (Editor-in-chief: Avasthi, G.L.), p. 10.
2007. 'Coronary artery disease, essential hypertension, type 2 diabetes mellitus and atherosclerotic cerebrovascular accident: A cardiovascular continuum'. *Atherosclerosis Supplements*, 8:128-9.

- Dwivedi, S. and Kumar, V.** 2007. 'Hereditary α -thalassemia, hyperlipoproteinemia(a) and metabolic syndrome: a low cost holistic therapy'. *J. Alternative Complimentary Med.*, 13: 287-9.
- Dwivedi, S., Rajpal, S., Agarwal, M.P., Aggarwal, A. and Khanna, S.** 2008. 'Rupture of the sinus of valsalva to the right ventricle'. *J. Indian Acad. Clinical Med.*, 9: 66-7.
- Dwivedi, S., Rajpal, S., Mohanty, D., Aggarwal, A. and Khanna, S.** 2007. 'Carotid intima media thickness in CAD: A window to endothelial integrity and an opportunity to counsel and educate'. Proceedings of 20th Annual Conference of the Indian Society for Atherosclerosis Research, SVIMS, Tirupati, Andhra Pradesh:13.
- Dwivedi, S., Rajpal, S., Aggarwal, A. and Dev, G.** 2007. 'Subcutaneous nodules and altered consciousness in a young male complicated by bronchogenic carcinoma'. *Indian J. Chest Dis. Allied Sci.*, 49: 41-2.
- Dwivedi, S. and Terminalia Arjuna.** 2007. 'A useful drug for the cardiovascular disorders'. *J. Ethnopharmacol.*, 114: 114-29.
- Gambhir, J.K., Kaur, H., Ranga, G.S. and Kalra, O.P.** 2007. 'Modulation of lipoprotein (a) levels: Implications in health and disease'. *Indian J. Clin. Biochem.*, 22: S108.
- Kalra, O.P.** (ed.). 2008. *Renal Disease: Prevention and Management – A Physician's Perspective*, Book released during the Governing Body meeting of Indian College of Physicians at Mumbai.
- Kalra, O.P. and Raizada, A.** 2008. 'Lifestyle intervention in chronic kidney disease'. Proceedings of National Symposium on Emerging Role of Physiology and Lifestyle Interventions in Health Sciences, Delhi.
- Kalra, O.P., Ruchi, R., Sunder, S., Gambhir, J.K., Yadav, A. and Agarwal, S.** 2007. 'Peritoneal transport characteristic predicts peritoneal protein losses in patients on continuous ambulatory peritoneal dialysis'. Proceedings of 9th Annual Conference of Peritoneal Dialysis Society of J. India, New Delhi.
- Kalra, O.P.** 2007. 'Disseminated intravascular coagulation – What is new?' in *Clinical Medicine Update*, (ed.) Awasthi, G.L.J. *Indian Association of Clinical Medicine*, 10: 5-25.
- Madan, P., Agarwal, S., Kalra, O.P. and Tandon, O.P.** 2007. 'Effect of hemodialysis on cognitive function in ESRD patients'. *Renal Failure*, 29: 699-703.
2007. 'Cognitive impairment in chronic kidney disease'. *Nephrol. Dial. Transpl.*, 22: 440-4.
- Madhu, S.V., Kant, S., Srivastava, S. and Madhulika.** 2008. 'High prevalence of autoimmune thyroid disease among patients with primary hypothyroidism implications for universal salt iodization'. *J. Assoc. Physicians India*; 56: 283-4.
- Madhu, S.V. and Sinha, B.** 2008. 'Post prandial lipids in diabetes and pre-diabetes-role in atherosclerosis'. In *Medicine Update*, (eds) Bichile, S.K., Hase, N.K. and Mehta, S.S., *J. Association of Physicians of India*, 18: 857-62.

- Madhu, S.V.** 2008. 'Approach to hyperglycemia in a patient with diabetes mellitus and renal disease'. In *Renal Disease- Preventive and Management – A Physician's Perspective*, (ed.) Kalra, O.P.J., *Association of Physicians of India*.
- Ranga, G.S., Kalra, O.P. and Tandon, H. et. al.** 2007. 'Effect of aspirin on lipoprotein(a) in patients with ischemic stroke'. *J. Stroke and Cerebrovascular Diseases*, 18: 220-4.
- Sunder, S., Kalra, O.P., Nashine, S., Waghmare, V., Ruchi, R. and Banniwal, P.** 2007. 'Comparative study of adequacy of dialysis and health-related quality of life in patients on continuous ambulatory peritoneal dialysis and automated peritoneal dialysis'. Proceedings of 9th Annual Conference of Peritoneal Dialysis Society of India, New Delhi: 17.
- Sunder, S., Kalra, O.P., Waghmare, V., Ruchi, R. and Raizada, A.** 2007. 'Extensive calcific uremic arteriolopathy in a patient on automated peritoneal dialysis'. *Indian J. Nephrol.*, 17: 75-6.
- Sunder, S., Kalra, O.P., Waghmare, V., Yadav, A.K. and Dinda, A.K.** 2007. 'Spontaneous partial remission of idiopathic collapsing glomerulopathy'. *Indian J. Nephrol.*, 17: 67-9.
- Sunder, S., Ruchi, R., Kalra, O.P., Gambhir, J.K., Yadav, A. and Agarwal, S.** 2007. 'Correlation of peritoneal transport permeability with peritoneal protein losses in patients on automated peritoneal dialysis'. Proceedings of 9th Annual Conference of Peritoneal Dialysis Society of India, New Delhi: 16.
- Swapan, K.B., Shastri, S., Mahajan, P., Madhu, S.V., Tripathi, A.K., Prasad, G.R., Balbhadra, P.D. and Paudel, K.R.** 2007. 'Polymorphonuclear leucocyte function in type-2 diabetes mellitus patients and its correlation with glycaemic control'. *Nepal Med. Coll J.*, 9: 111-6.
- Venkataraman, K., Kannan, A.T., Kalra, O.P. and Gambhir, J.K.** 2007. 'Glycated hemoglobin-A: Public health perspective'. *Indian J. Public Health*, 57: 107-11.
- Yadav, A. and Raizada, A.** 'Approach to a patient with hypertension'. In *Renal Disease Prevention and Management – A Physician's Perspective* (eds). Delhi: Jaypee Publishers, pp. 166-9.
- 'Staging of chronic kidney disease'. In *Renal Disease Prevention and Management-A Physician's Perspective* (eds), Delhi: Jaypee Publishers, pp. 174-80.
- Agarwal, R., Rajaram, S., Goel, N., Grover, A. and Kotru, M.** 2007. 'Gangrene uterus: The dreaded complication of unsafe abortions'. *The Female Patient*, 32: 45-50.
- Grover, N., Goel, N. and Singh, M.** 2008. 'Newer and oral hypoglycemic agents in the management of diabetes in pregnancy'. In *Advances in Obstetrics & Gynecology* Vol II., (eds.) Rajaram, S., Mehta, S. and Goel, N. New Delhi: Jaypee Brothers Publishers.
- Grover, N. and Singh, M.** 2007. 'Effect of managesium sulphate on Rocuroruim in eclamptic patients undergoing caesarean section under general anaesthesia'. *Asian Arch Anaesthesiol Resus* .

- Guleria, K. and Himshweta.** 2007. 'Spontaneous splenic rupture in pregnancy – A rare entity'. *J. Obstet. Gynecol. India*, 57: 545.
- Mehta, S., Rajaram, S. and Anwar, A.** 2008. 'Evidence based guidelines for management of fetal growth restriction'. In *Advances in Obstetrics & Gynecology*, Vol. II (eds.) Rajaram, S., Mehta, S. and Goel, N. New Delhi: Jaypee Brothers Publishers.
- Mishra, K., Wadhwa, N., Guleria, K. and Agarwal, S.** 2008. 'Dr. PR and ki-67 expression status in granulomatous and chronic non-specific endometritis'. *J. Obstet. Gynecol. Res.* (online early article), doi:10.1111/j.1447-0756.2007.00700x.
- Pathak, R., Suke, S.G., Rafat, S.A., Tripathi, A.K., Guleria, K., Sharma, C.S., Makhijani, S.D., Ursi, A.J. and Banerjee, B.D.** 2007. 'Organochlorine pesticide residue levels and oxidative stress in preterm cases: A possible correlation'. *Toxicology Letters*, 172S:SI-S240.
- Radhika, A.G., Goel, M., Radhakrishnan, G., Arora, S. and Guleria, K.** 2008. 'Severe osteomalacia presenting as numerous fractures in late pregnancy'. *Indian J. Gynecol. Obstet.*, 100: 92-3.
- Radhika, A.G., Vaid, N.B., Radhakrishnan, G., Arora, M. and Grover, A.** 2007. 'Myotonic dystrophy with pregnancy'. *J. Indian Med. Assoc.*, 105: 269-70.
- Rajaram, S., Agarwal, R. and Goel, N.** 2007. 'Volume reductive non descent vaginal hysterectomy'. *Indian Gynecological Endoscopy*, 9: S24-S26.
- Rajaram, S., Mehta, S., Agarwal, V., Goel, N. and Agarwal, R.** 2007. 'Wandering pelvic spleen presenting as a gynecological emergency'. *J. Pelvic. Med. Surgery*, 13: 375-77.
- Rajaram, S., Mehta, S. and Goel, N.** 2008. *Advances In Obstetrics and Gynecology*, Vol II. New Delhi: Jaypee Brothers Medical Publishers.
- Rajaram, S., Sharma, A., Agarwal, S., Mehta, S., Goel, N. and Agarwal, R.** 2007. 'Sex cord stromal tumors: GTB experience'. *Indian Med. Paediatric. Oncol.*, 27 (suppl. 1): 27.
- Rajaram, S., Srivastava, H. and Goel, N.** 2008. 'Labor analgesia and intrapartum fetal monitoring'. In *Advances in Obstetrics & Gynecology*, Vol II. (eds.) Rajaram, S., Mehta, S., Goel, N. New Delhi: Jaypee Brothers Publishers.
- Suneja, A., Rashmi, Yadav, P., Sharma, A., Vaid, N.B.** 2007. 'Giant endocervical polyp: A unique clinical entity'. *Obs. Gynae. Today*, 12: 431-2.
- Suneja, A.** 2008. 'Parturition and lactation'. In *Principles of Medical Physiology*, (ed.) Sircar, S., Stuttgart: Thieme : pp. 581-3.
- Bhatia, A., Dhaliwal, U. and Singh, N.** 2007. 'Editorial authorship conflict in medical research'. *Indian J. Chest Dis. Allied Science*, 49: 199-200.
- Dhaliwal, U.** 2007. 'A prospective study of medical students' perspective of teaching-learning media: Reiterating the importance of feedback'. *J. Indian Med. Assoc.*, 105: 621-623 and 636.

2007. 'Randomized controlled trial to compare results of DCR with incisionless bicanalicular silicone intubation for pediatric epiphora'. AIOC Proceedings : pp. 460-2.
- Gupta, V.P. and Singh, S.** 2007. 'Safety and efficacy of dacryocystorhinoplasty for pediatric dacryocystitis'. AIOC Proceedings : pp. 326-7.
- Rohatgi, J., Gupta, V.P. and Sangma, D.** 2007. 'Comparative evaluation of 5mm & 7mm inverted V superior scleral incision technique in manual small incision cataract surgery: A prospective randomized study'. AIOC Proceedings, pp.133-5.
2007. 'Comparative evaluation of quality of life and patient rehabilitation following sutureless manual SICS versus conventional ECCE'. AIOC Proceedings, pp. 147-9.
- Aggarwal, A.N., Goyal, M.K., Srivastava, A.K., Agarwal, A. and Mehra, A.** 2007. 'Removal of segmentally broken supracondylar nail – An innovative method'. *Delhi J. Orthop.*, 4:62-64.
- Aggarwal, A.N., Jain, A.K., Kumar, S., Dhammi, I.K. and Bhagwat, P.** 2007. 'Reconstructive procedures for segmental resection of bone in giant cell tumors around the knee'. *Indian J. Orthop.*, 41
2007. 'Reconstructive procedures for segmental resection of bone in giant cell tumors around the knee'. *Indian J. Orthop.*, 41: 129-33.
- Arora, A.** 2007. 'Functioning, disability and health'. In *Textbook of Preventive and Social Medicine*. (2nd edition), Ghai, O.P. and Gupta, P. (eds), Delhi: Jaypee Brothers Medical Publishers p. 507-33.
- Bhagwat, P., Jain, A.K. and Dhammi, I.K.** 2007. 'Tarlov cyst: Case report and review of literature'. *Indian J. Orthop.*, p. 41.
- Chadha, M., Agarwal, A. and Singh, A.P.** 2007. 'Craniovertebral tuberculosis : Retrospective review of 13 cases managed conservatively'. *Spine*, 32: 1629-34.
- Chadha, M. and Agarwal, A.** 2007. 'Myositis ossificans traumatica of hand'. *Can. J. Surg.*, 50: E21-2.
- Chadha, M. and Singh, A.P.** 2007. 'Solitary eosinophilic granuloma of the radius : An unusual differential diagnosis'. *Acta. Orthopaedica. Belgica.*, 73: 413-7.
- Garg, B., Pankaj, A., Malhotra, R. and Bhan, S.** 2007. 'Treatment of flexion type supracondylar fracture of humerus in children'. *J. Orthop. Surg.*, 15: 174-8.
- Jain, A.K., Chauhan, R.S., Dhammi, I.K., Maheshwari, A.V. and Ray, R.** 2007. 'Tubercular pseudoaneurysm of aorta: A rare association with vertebral tuberculosis'. *Spine J.*, 7: 249-53.
- Jain, A.K. and Dhammi, I.K.** 2007. 'Tuberculosis of the spine: A review'. *Clin. Orthop. Relat. Res.*, 460: 39-49.

- Jain, A.K., Maheshwari, A.V. and Jena, S.** 2007. 'Kyphus correction in spinal tuberculosis'. *Clin Orthop. Relat. Res.*, 460: 117-23.
2007. 'Orthopedic services and training at a crossroads in developing countries'. *Indian J. Orthop.*, p. 41.
- Jain, A.K.** 2007. 'Spinal trauma: A challenge ahead'. *Indian J Orthop.*, p. 41.
2007. 'Tuberculosis of the spine: Editorial comment'. *Clin. Orthop. Relat. Res.*, 460: 2-3.
- Kumar, S., Jain, A.K., Dhammi, I.K. and Aggarwal, A.N.** 2007. 'Treatment of intraspinal tuberculoma'. *Clin. Orthop. Relat. Res.*, 460: 62-6.
- Pankaj, A., Bhan, S. and Malhotra, R.** 2007. 'Bilateral stress fractures of femoral neck following bilateral total knee arthroplasty: A case report and review of literature'. *Arch. Orthop. Trauma. Surg.*, 127: 549-52.
- Pankaj, A., Malhotra, R. and Bhan, S.** 2007. 'Femoral component malrotation and arthrofibrosis after TKA: Cause and effect relationship'. *Int. Orthop.*, 31: 423.
- Pankaj, A., Mallinath, G., Malhotra, R. and Bhan, S.** 2007. 'Surgical management of intercondylar fractures of humerus using triceps reflecting anconeus pedicle (TRAP) approach'. *Indian J. Orthop.*, 41: 219-23.
- Sethi, M., Mishra, D. and Mishra, P.** 2009. 'Spondyloepiphyseal dysplasia congenita'. *Indian J. Pediatrics*, p. 75.
- Vaid, L., Khanna, S. and Singh, P.P.** 2007. 'Impact of nasal polyps on quality of life of chronic sinusitis patients'. *Indian J. Otolaryngol Head Neck Surg.*, 59: 136-41.
- Abedin, S., Narang, M., Gandhi, V. and Narang, S.** 2007. 'A comparative trial to assess the efficacy of permethrin cream and oral Ivermectin in mass treatment of scabies in a closed paediatric population'. *Indian J. Paediatr.*, 74: 1-4.
- Aggarwal, A. and Dutta, A.K.** 2007. 'Pneumococcal vaccines'. *Indian J. Paediatr.*, 74: S24-S27.
- Aggarwal, A., Gupta, A., Narang, M. and Faridi, M.M.A.** 2007. 'Familial hypercholesterolemia with coarctation of aorta'. *J. Postgraduate Med.*, 53: 185-6.
- Aggarwal, A., Verma, S., Faridi, M.M.A. and Dayachand.** 2008. 'Complementary feeding – Reasons for inappropriate in timing, quantity and consistency'. *Indian J. Paediatr.*, 75: 49-53.
- Aggarwal, A.** 2007. 'Japanese encephalitis prevention – Need and strategies'. *Indian J. Paediatr.*, 74: S34-S38.
- Aggarwal, A., Gomber, S. and Loiwal, V.** 2007. 'Congenital syphilis presenting as swelling of fingers and toes'. *J. Indian Med. Assoc.*; 105: 94-5.

- Dewan, P., Gupta, P. and Choudhury, P.** 2007. 'Gender gap and Indian Academy of Paediatrics: Still a long way to go'. *Indian Paediatr.*, 44: 598-602.
- Dewan, P., Kaur, I., Chattopadya, D., Faridi, M.M.A. and Agarwal, K.N.** 'A pilot study on the effects of curd (*dahi*) and leaf protein concentrate on immunological status in protein-energy malnutrition'. *Indian J. Med. Res.*, 126: 199-203.
- Dewan, P., Thatiganganna, S., Maheshwari, K., Gupta, P.** 2007. 'Kyrle's disease: A rare dermatological manifestation of liver disease'. *J. Indian Acad. Clin. Med.*, 8: 101-4.
- Gupta, H. and Gupta, P.** 2008. 'Fruit drinks: How healthy and safe'. *Indian Paediatr.*, 45: 215-8.
- Gupta, H., Shah, D., Gupta, P. and Sharma, K.K.** 2007. 'Paracetamol in childhood fever: A double blind randomized placebo controlled trial'. *Indian Paediatr.*, 44: 903-12.
- Gupta, P., Sharma, B. and Choudhury, P.** 2007. 'Limiting authorship in Indian Paediatrics: An initiative to curb gift authorship'. *Indian Paediatr.*, 44: 37-9.
- Gupta, P.** 2008. 'Indian Paediatrics: Looking ahead'. *Indian Paediatr.*, 45: 9-10.
- Harit, D., Faridi, M.M.A., Aggarwal, A. and Sharma, S.B.** 2008. 'Lipid profile of term infants on exclusive breastfeeding and mixed feeding: A comparative study'. *Eur. J. Clin. Nutr.*, 62: 203-9.
- Jain, S., Das, S. and Gupta, P.** 2007. 'Facal occult blood screening in children with severe malnutrition'. *Indian Paediatr.*, 44: 913-5.
- Narang, M., Shah, D. and Gupta, N.** 2007. 'Intracranial arterio-venous malformation with maternal carbamazepine use'. *Indian J. Paediatr.*, 74: 85-6.
- Sethi, S.K., Dewan, P., Faridi, M.M.A., Aggarwal, A. and Upreti, L.** 2007. 'Liver abscess, portal vein thrombosis and cavernoma formation following umbilical vein catheterization in two neonates'. *Tropical Gastroenterology*, 28: 79-81.
- Verma, S. and Aggarwal, A.** 2007. 'Hyper-reactive malarial splenomegaly: Rare cause of pyrexia of unknown origin'. *Indian J. Paediatr.*, 74: 409-11.
- Arora, R., Mathur, S.R., Arora, M., Verma, K., Arora, V.K. and Sharma, M.C.** 2007. 'Oncocytic carcinoid tumour of the lung: A case report of diagnostic pitfall in filter membrane preparation of bronchia washings'. *Acta. Cytol.*, 51: 907-10.
- Bhatia, A., Dhaliwal, U. and Singh, N.** 2007. 'Authorship conflict in medical research'. *Indian J. Chest Dis. Allied Sci.*, 49: 199-200.
- Bhatia, A. and Singh, N.** 2008. 'Tissue reaction patterns in respiratory infection: A practical approach to the cytological diagnosis'. *Indian J. Chest Dis. Allied Sci.*, 50: 33-8.
- Bhatia, V., Garg, P.K., Arora, V.K. and Sharma, R.** 2008. 'Isolated pancreatic tuberculosis mimicking intraductal mucinous tumor'. *Gastrointest Endosc.* March, 21st (epub. ahead of print).

- Kaur, N., Gupta, A. and Amratash, Singh N.** 'Giant cystic hygroma of the neck with spontaneous rupture'. *J. Indian Assoc. Pediatr. Surg.*; 12: 154-5.
- Khanna, G., Sharma, S. and Rajni.** 2007. 'Angiolymphoid hyperplasia with eosinophilia involving bone'. *Indian J. Pathol. Microbiol.*, 50: 844-6.
- Kohli, A. and Mishra, K.** 2008. 'Trivial trauma, heart disease and medico-legal interpretation of death'. *Med. Sci. Law.*, p. 48.
- Kotru, M., Singh, N. and Bhatia, A.** 2007. 'Localized amyloidosis in endometrial carcinoma of the uterus: A rare association'. *Arch. Gynecol. Obstet.*, 276: 383-4.
- Kotru, M. and Singh, N.** 2007. 'The value of recognizing suspect diagnosis in the triple diagnosis of giant cell tumor of bone'. *Indian J. Orthop.*, 41: 97-100.
- Lakra, A., Singh, N., Arora, V.K. and Bhatia, A.** 2007. 'Tuberculoid morphology in borderline lepromatous leprosy'. *Acta. Cytologica.*, 51: 491-2.
- Mishra, K., Wadhwa, N., Guleria, K. and Agarwal, S.** 2008. 'ER, PR, Ki-67 expression stains in granulomatous and chronic non specific endometritis'. *J. Obstet. Gynecol.*, published online, doi 1- - 1111/; 1447 – 0756-00 700y.
- Sehgal, V.N., Sardana, K. and Sharma, S.** 2007. 'Inadequacy of clinical and/or lab. criteria for the diagnosis of lupus vulgaris, reinfection cutaneous TB: fallout/implications of 6 weeks of ATT as a precise diagnostic supplement to complete the scheduled regimen'. *J. Dermatol. Treat*, 11: 1-4.
- Sehgal, V.N., Srivastava, G. and Sharma, S.** 2007. 'Solitary plexiform neurofibroma: Role of MRI'. *Skinmed*, 6: 99-100.
- Sharma, M., Agarwal, S., Wadhwa, N. and Mishra, K.** 2007. 'Spectrum of cytomorphology of tuberculous lymphadenitis and changes during anti-tubercular treatment'. *Cytopathology*, 19: 180-3.
- Shashi, Raj. P., Faridi, M.M.A. and Rusia, U.** 2008. 'A prospective study of iron status in exclusively breastfed term infants upto 6 months of age'. *Int. Breast Feeding J.*, 3: 3.
- Sikka, M., Tandon, R., Rusia, U. and Madan, N.** 2007. 'Validation of ESR analyzer using Westergren ESR method'. *Indian J. Pathol. Microbiol.*, 50: 634-5.
- Singal, A., Pandhi, D. and Rusia, U.** 2007. 'Purpuric pityriasis rosea-like eruption: A cutaneous marker of acute myeloid leukaemia'. *J. Eur. Acad. Dermatol. Venereol.*, 21: 822-3.
- Singh, I., Joshi, M., Agarwal, S., Singh, U. and Saran, R.** 2008. 'Extranodal small cell lymphocytic lymphoma of prostate: An unusual cause of lower urinary tract symptoms'. *Urol*, 71: 547.
- Singhal, A., Pandhi, D., Bhattacharya, S.N., Das, G., Agarwal, S. and Mishra, K.** 2008. 'Pheohyphomycosis caused by *Exophiala spinifera* – A rare occurrence'. *Int. J. Dermatol.*, 47: 44-7.

Bhatt, S. Ten chapters in *Textbook of Radiology & Imaging*, New Delhi: CBS Publishers.

Bhargava, S.K. Twelve chapters in *Textbook of Radiology & Imaging*, New Delhi: CBS Publishers.

Kumar, P., Bhargava, S.K., Mehrotra, G. and Rathi, V. 2007. 'Ultrasonography in abdominal tuberculosis'. *J. Int. Sci. Acad.*, 20: 131-4.

Rastogi, R., Bhargava, S.K., Mehrotra, G. and Bhargava, S. 2007. 'Pulmonary arteriovenous malformation in a child : A case report'. *JPG Med. Educ. Training Res.*, p. 2.

Rastogi, R., Bhargava, S.K., Tandon, A. and Bhargava, S. 2007. 'Spring water cyst in an atypical location in the mediastinum'. *J. Postgraduate Med. Educ. Training Res.*, p. 2.

SURGERY

Agarwal, N. and Dewan, P. 2007. 'Isolated tubercular splenic abscess in an immunocompetent child'. *Trop Gastroenterol* , 28: 83-4.

Agarwal, N., Saha, S., Garg, S., Chumber, S., Srivastava, A. and Dhar, A. 2007. 'Peritonitis: 10 years' experience in a single surgical unit'. *Trop Gastroenterol*, 28: 117-20.

Agarwal, V. and Joshi, M. 2007. 'Preoperative bowel preparation'. *Surgery Update 2007*. Proceedings of the XXIV National Continuing Medical Education Programme in Surgery.

Gupta, A. 2007. 'Rectal prolapse with anal incontinence'. In Goel, N. and Rajaram, S. (eds), *State-of-Art Vaginal Surgery*, New Delhi: Jaypee Brothers Medical Publishers pp. 416-9.

2007. 'Splenic injuries'. In Sarda, A.K. (ed.). Proceedings of the XXIV National Continuing Medical Education Programme in Surgery, Maulana Azad Medical College pp. 16-8.

Jain, B.K. and Mohanty, D. 2007. 'Perianal fistulae'. *Surgery Update 2007*. Proceedings of the XXIV National Continuing Medical Education Programme in Surgery, pp. 289-92.

2008. 'Quality management in clinical practice – Role of stakeholders'. *J. Indian Med. Assoc.*, 106: 88.

2007. 'Surgery in the management of pyomyositis'. *J. Indian Med. Assoc.*, 105: 400.

Kaur, N., Gupta, A. and Amratash, Singh N. 2007. 'Giant cystic hygroma of neck with spontaneous rupture'. *J. Indian Assoc. Pediatr. Surg.*,12: 155-6.

Kaur, N., Mahapatra, L., Neogi, S., Milan, R. and Gupta, S. 2007. 'Spontaneous gastrocutaneous fistula : An unusual complication of incisional hernia'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi pp. 140.

Kumar, S. and Chakravarty, S. 2007. 'An analysis of the existing system of division of the abdomen - We need to adopt and try a new system'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 137.

- Kumar, S., Kumar, R., Sharma, S.B. and Jain, B.K.** 2007. 'Effect of oral glutamine administration on oxidative stress, morbidity, mortality in critically ill surgical patients'. *Indian J. Gastroenterol.*, 26: 70-3.
- Kumar, S., Singh, M. and Shrivastava, U.K.** 2007. 'Audit of emergency fluid resuscitation in perforation peritonitis patients'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 94.
- Nembang, P., Agarwal, V., Gupta, S. and Shrivastava, U.K.** 2007. 'Surgical modalities in typhoid perforation'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 93.
- Neogi, S., Jain, B.K. and Shrivastava, U.K.** 2007. 'Efficacy of interrupted 'X' suture technique in preventing abdominal wound dehiscence following laparotomy for peritonitis – A prospective randomized study'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 83.
- Saha, S., Agarwal, N., Chumber, S., Subramaniam, R., Karak, A.K. and Amini, A.C.** 2007. 'Adrenalectomy in Cushing's syndrome: Experience from a tertiary care hospital in north India'. *J. Indian Acad. Clin. Med.*; 8: 297-300.
- Saha, S., Chumber, S., Subramaniam, R., Sood, R., Karak, A.K., Vashisht, S., Bhatia, U. and Bal, C.** 2007. 'Thoracoscopic resection of functional thoracic paraganglioma'. *Indian J. Cardiovasc. Thorac. Surg.*, 23: 168-70.
- Saha, S., Mukherjee, A.J., Agarwal, N., Chumber, S. and Karak, A.K.** 2007. 'Colonic actinomycosis masquerading as perforated colonic carcinoma'. *Trop Gastroenterol.*, 28: 74-5.
- Saifee, Y., Shrivastava, U.K. and Qamar, M.A.** 2007. 'Spontaneous common bile duct perforation in adult: A case report'. *Internet J. Gastroenterology*, 5:<http://216.39.195.236/ostia/index.php?xml> File Path=journals/ijgc/vol5n2/bile.xml.
- Shrivastava, U.K., Jain, B.K., Kumar, P. and Saifee, Y.** 2007. 'A comparison of effects of Diltiazem and Glyceryl trinitrate ointment in the treatment of chronic anal fissure: A randomized clinical trial'. *Surgery Today*, 37: 482-5.
- Shrivastava, U.K., Saha, S. and Mahapatra, L.** 2007. 'A rare form of stomach malignancy'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 135.
- Singh, I., Jain, M. and Jain, B.K.** 2007. 'Prospective randomized comparative trial of Alfuzosin vs. Tamsulosin in the management of lower urinary tract symptoms due to benign prostatic hyperplasia'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 108.

- Singh, I., Joshi, M., Agarwal, S., Singh, U.R. and Saran, R.** 2008. 'Extra-nodal small cell lymphocytic lymphoma of prostate - An unusual cause of LUTS'. *Urology*, 71: 547.
- Singh, I., Joshi, M., Saran, R. and Aggarwal, S.** 2007. 'Secondary small cell lymphocytic lymphoma of prostate - An unusual cause of LUTS'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 127.
- Singh, I., Mehrotra, G., Saran, R., Singh, A. and Jain, M.** 2007. 'Does sealing of the tract with absorbable gelatin (Spongostan)TM facilitate tubeless percutaneous nephrolithotomy - A pilot study of fifteen cases'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 109 and in *Urology*, 70: 221.
- Singh, I. and Mittal, G.** 2007. 'Iatrogenic ureteric rosary (Stone street)' *J. Diagnostic Clin. Res.*, 3: 171-2.
- Singh, I., Singh, A. and Mittal, G.** 2008. 'Tubeless percutaneous nephrolithotomy' : Is it really less morbid?', *J. Endourol*, 22: 427-34.
- Singh, I.** 2007. 'A current update and review of the medical management of symptomatic benign prostatic hyperplasia'. *J. Diagnostic Clin. Res.*, 4: 3-9.
2008. 'Renal geology (Quantitative renal stone analysis) by Fourier-transform infrared spectroscopy'. *Int. Urol. Nephrol.* e-pub.
- Suhani, Gupta, S. and Gupta, A.** 2007. 'Study of factors affecting outcome of surgery for benign prostatic hyperplasia'. *Souvenir Surgicon 2007*, Annual Conference of Delhi State Chapter of Association of Surgeons of India, Department of Surgery, Maulana Azad Medical College, Delhi, pp. 107.

V.P. CHEST INSTITUTE

Major Activities

This year will be remembered for two major achievements. First, the Institute started a 'National Yoga Therapy Centre', on 22 June 2007 in collaboration with the Morarji Desai National Institute of Yoga (MDNIY). The second is the starting of a 'Cardio-pulmonary Rehabilitation Facility' on 18 September 2007, at Viswanathan Chest Hospital (formerly, Clinical Research Centre).

On the occasion of the 58th Foundation Day Celebrations, Prof. K.K. Talwar, Director, Postgraduate Institute of Medical Education and Research, Chandigarh, delivered the '9th Prof. Raman Viswanathan-VPCI Oration' on 6 April 2007. A National Symposium on 'Lung Pathology' was also organised on this occasion.

Seminars/Conferences attended

The 7th CME on 'Recent Advances in Bronchial Asthma' was held on 6 May 2007.

Prof. P.N. Srivastava: Delivered the 3rd Prof. Autar Singh Paintal Memorial Oration, 24 September 2007.

Besides that, the Institute had also organised the 41st Annual Conference of the Indian College of Allergy, Asthma and Applied Immunology, 9-12 December 2007.

Students Academic Distinctions

<i>Name</i>	<i>Courses</i>	<i>Position in the University</i>
Dr. Amit Kumar Gupta	DTCD	I
Dr. Pengovile Ltu	DTCD	II
Dr. Priyanka Chaudhary	DTCD	III

Library Development

Total Budget	:	Rs. 68,14,804
Books added	:	153
Journals subscribed	:	96

Appointment of faculty members to higher Posts/Assignments

Dr. Vishwajeet Rohil: Selected Assistant Professor, Biochemistry, B.P. Koirala Institute of Health Sciences, Nepal, 27.04.2006 to 26.04.2009.

Prof. S.S. Thukral: Selected Professor, Department of Microbiology and Immunology, College of Medicine and Health Sciences, Sultan Qaboos University, Muscat, Oman, 11 November 2007 to 10. July 2010.

Honours/Distinctions

Dr. V.K. Vijayan: President, Indian College of Allergy, Asthma and Applied Immunology, Delhi.
Vice President, World Lung Foundation-South Asia.

Editor-in-Chief and Publisher, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of V.P. Chest Institute and National College of Chest Physicians (India).

Advisor, Union Public Service Commission for selection of candidates for the post of Assistant Professor (Medicine), New Delhi.

Prof. M. Fahim: Indian Representative of SAARC Association of Physiologists.

Chairman, Selection Committee, Recruitment and Assessment Centre, Defence Research Development Organisation, New Delhi.

Prof. M.K. Agarwal: Editor, *Bioscience Trends*, published by International Research Co-operation Association for Bio & Socio-sciences advancement (IRCA-BSSA), Japan.

Editor, Biotechnology Society of India.

Prof. A. Ray: President, Society of Pharmacovigilance (India).

Prof. Ashok Shah: Editor, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of V.P. Chest Institute and the National College of Chest Physicians (India).

Associate Editor, *Indian Journal of Tuberculosis*, an official publication of the Tuberculosis Association of India.

Prof. S.K. Chhabra: Associate Editor, *Indian Journal of Chest Diseases & Allied Sciences*, an official publication of V.P. Chest Institute and National College of Chest Physicians (India).

Prof. S.K. Bansal: Secretary, Biotechnology Society of India.

External Expert, Assessment Committee in 'Biosciences and Biotechnology' of the Recruitment and Assessment Board (RAB) of CSIR.

Awarded Best Poster Presentation in the area of COPD for the paper titled; 'Nicotine and salbutamol induced changes in protein kinase C activity in lymphocytes in COPD' (by Vinocha, A., Vijayan, V.K. and Bansal, S.K. in the 12 Congress of APSR/2nd Joint Congress of APSR and ACCP 30 November to 4 December 2007 at Gold Coast Convention & Exhibition Centre, Queensland, Australia.

Dr. Anita Kotwani: Project Member and Country Co-ordinator, WHO-HAI project on Medicine Prices.

Dr. Raj Kumar: Member, Editorial Board, *International Journal of Occupational and Environmental Health*, USA.

Dr. Anuradha Chowdhary: Awarded 2nd Prize for her paper titled, 'Experience with cryptococcosis in HIV patients in a North Delhi hospital' (by L. Kapoor, Anuradha Chowdhary and H.S. Randhawa) at the 7th National Conference of Society for Indian Human and Animal Mycology (SIHAM 2008), Mumbai, 4-6 February 2008.

Dr. Vishal Bansal: Awarded Best Poster Presentation for the poster, 'Vascular smooth muscle responses to estrogen – possible mechanisms' by V. Bansal, R. Babar and M. Fahim at the 2nd International Symposium on 'Recent Advances in Cardiovascular Sciences', New Delhi, 28 February 2008.

Seminar/Conference held

41st Annual Conference of the Indian College of Allergy, Asthma and Applied Immunology, Delhi, 9-12 December 2007.

Seminars/Conferences attended

Dr. V.K. Vijayan: Chaired a session on 'Clinical respiratory medicine', American College of Chest Physicians, 12th Congress of APSR, 2nd Joint Congress of APSR and ACCP Queensland, Australia, 30 November-4 December 2007.

Chaired sessions on 'Food allergy and Immunotherapy guidelines', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Guest Lecture on: 'Tobacco control : imperative for lung health' and Chaired a session on 'Recent insight into interstitial lung disease', Bangladesh Lung Foundation, 1st International Conference on Lung Health (PULMOCON-2008), Dhaka, Bangladesh, 20-22 February 2008.

Prof. M. Fahim: Guest Lecture on 'Neural regulatory cardiovascular functions during oxygen deficiency', Physiological Society of India and Manav Rachna Education Institutions, 19th Annual Conference of Physiology on 'Current Approach of Physiology to Therapeutics and Rehabilitation', Faridabad, 6-8 December 2007.

Prof. M.K. Agarwal: Lecture on 'Allergy and allergen research in India: An overview', Industrial Toxicology Research Centre, 5th Annual Conference of Biotechnology Society of India – BIOTECH 2007 on 'Advances and Strategies in Biotechnology: A Global Perspective', Lucknow, 17-19 November 2007.

Prof. S.N. Gaur: Lecture on 'Immunotherapy in asthma', National College of Chest Physicians (India) and Indian Chest Society, National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Lecture on: Nitric oxide 'An endogenous adaptogen during stress', Indian Pharmacological Society and National Institute of Pharmaceutical Education and Research, 40th Annual Conference of the Indian Pharmacological Society on 'Changing Trends in Drug Discovery and Development', Mohali, 1-3 November 2007.

Prof. Ashok Shah: Lecture on 'Allergic bronchopulmonary aspergillosis: Diagnosis and radiology' and Chaired a round table discussion on 'Sarcoidosis and tuberculosis: Enigma', National College of Chest Physicians (India) and Indian Chest Society, National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Lecture on 'Allergic bronchopulmonary and sinus aspergillosis' and Chaired a session on 'Clinical immunology', Indian College of Allergy, Asthma & Applied Immunology, 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Lecture on 'Smoking and tuberculosis' and Chaired a session on Guest lecture – ISTC and RNTCP, New Delhi Tuberculosis Centre and Maulana Azad Medical College, 62nd National Conference on Tuberculosis and Chest Diseases (NATCON 2007), New Delhi, 14-16 December 2007.

Guest Lecture on: 'Sarcoidosis – Anything new?' and Chaired a session on Allergy Updates, Bangladesh Lung Foundation, 1st International Conference on Lung Health (PULMOCON-2008), Dhaka, Bangladesh, 20-22 February 2008.

Prof. S.K. Chhabra: Lecture on 'COPD in primary care', National College of Chest Physicians (India) and Indian Chest Society, National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Lecture on 'Assessment of control in asthma; role of hygiene in asthma', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Chaired a panel discussion on COPD, New Delhi Tuberculosis Centre and Maulana Azad Medical College, 62nd National Conference on Tuberculosis and Chest Diseases (NATCON 2007), New Delhi, 14-16 December 2007.

Prof. S.K. Bansal: Chaired a session on 'Role of biotechnology industry', Industrial Toxicology Research Centre, 5th Annual Conference of Biotechnology Society of India – BIOTECH 2007 'Advances and Strategies in Biotechnology: A Global Perspective', Lucknow, 17-19 November 2007.

Convener and Chairperson of two Symposia on 'Cardiac Signal Transduction Mechanisms' and 'Respiratory Signal Transduction Mechanisms', Association of Clinical Biochemists of India, ACBICON 2007, 34th National Conference of Association of Clinical Biochemists of India, New Delhi, 18-20 December 2007.

Dr Anita Kotwani: Presented a paper on 'Determining antibiotic use in India', International Society of Pharmacoeconomics and Outcome Research, 12th International Conference of ISPOR, Virginia, USA, 19-23 May 2007.

Presented a paper on 'Pricing', University of Utrecht and World Health Organization, International Conference on Pharmaceutical Policy Analysis, Zeist, The Netherlands, 19-23 September 2007.

Lecture on 'Access to essential medicines: The present scenario', Presented a paper on 'Surveillance of antibiotic use in the community' and Chaired a session on Toxicology, Indian Pharmacological Society and National Institute of Pharmaceutical Education and Research, 40th Annual Conference of the Indian Pharmacological Society on 'Changing Trends in Drug Discovery and Development', Mohali, 1-3 November 2007.

Dr. Raj Kumar: Lecture on 'Pharmacological management', National College of Chest Physicians (India) and Indian Chest Society, National Conference on Pulmonary Diseases (NAPCON-2007), Chandigarh, 22-25 November 2007.

Lecture on 'Food allergy in bronchial asthma – Our experience' and Chaired a scientific session on 'Asthma – Epidemiology and pathophysiology', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Lecture on 'Role of bronchoscopy in sputum negative pulmonary tuberculosis', Indian Association of Bronchology and Malabar Institute of Medical Sciences, 13th National Conference of the Indian Association of Bronchology (BRONCON 2008), Calicut, 1-3 February 2008.

Guest Lecture on 'Food allergy in respiratory diseases', Bangladesh Lung Foundation, 1st International Conference on Lung Health (PULMOCON-2008), Dhaka, Bangladesh, 20-22 February 2008.

Dr. Anuradha Chowdhary: Guest Lecture on 'Fungal pathogens in critically ill patients', Indian Society of Critical Care Medicine and Indraprastha Apollo Hospitals, 6th Annual Conference of Delhi and NCR Chapter of Indian Society of Critical Care Medicine, New Delhi, 27-30 September 2007.

Presented papers on 'A rare case of chromoblastomycosis in a renal transplant recipient caused by anon sporulating *Rhytidhysterion* species and Experience with cryptococcosis in HIV patients in a North Delhi Hospital', Society for Indian Human and Animal Mycology (SIHAM) and Seth GS Medical College and KEM Hospital, 7th National Conference of Society for Human and Animal Mycology (SIHAM 2008), Mumbai, 4-6 February 2008.

Dr. Madhu Khanna: Presented a paper on 'Antisense mediated enhanced cleavage of M1 gene of Influenza : A virus by catalytic nucleic acids and siRNA', Department of Plant Pathology, Indian Agricultural Research Institute, International Conference on 'Emerging and Re-emerging Viral Diseases of the Tropics and Sub Tropics', New Delhi, 11-14 December 2007.

Dr. Balakrishnan Menon: Lectures on 'Anti IgE therapy for asthma – Current indications and Indications and contradictions of allergy testing', 41st Annual Conference of the Indian College of Allergy, Asthma & Applied Immunology, Delhi, 9-12 December 2007.

Dr. Mandira Varma: Guest Lecture on 'Serological techniques used for detection of *Mycoplasma pneumoniae*', Indian Association of Mycoplasmologists and S.N. Medical College, 8th Annual Conference of Indian Association of Mycoplasmologists, Agra, 5-6 October 2007.

Dr. Vishal Bansal: Presented a paper on 'Effects of estrogen on isolated vascular smooth muscle', Physiological Society of India and Manav Rachna Education Institutions, 19th Annual Conference of Physiology on 'Current Approach of Physiology to Therapeutics and Rehabilitation', Faridabad, 6-8 December 2007.

Dr. Ritu Kulshrestha: Lecture on 'Analysis of bronchoalveolar lavage fluid', Indian Association of Bronchology and Malabar Institute of Medical Sciences, 13th National Conference of the Indian Association of Bronchology (BRONCON 2008), Calicut, 1-3 February 2008.

Dr. Kavita Gulati: Presented a poster on 'Effects of varying intensity and duration of restraint stress on neurobehavioral and endocrinal responses in rats: Possible regulation by nitric oxide', Hungarian Cell Stress Society, Cell Stress Society International and Eotvos Lorand University, 2nd World Conference of Stress and 3rd Cell Stress Society International Congress on 'Stress Responses in Biology and Medicine', Budapest, Hungary, 23-26 August 2007.

Lecture on 'Stress-induced modulation of the neuro-immune axis and its regulation by nitric oxide in rats', 40th Annual Conference of the Indian Pharmacological Society on 'Changing Trends in Drug Discovery and Development, Mohali', 1-3 November 2007.

Guest Lecture on 'Pharmacovigilance in special settings: A case study', Society of Pharmacovigilance (India) and National Institute of Medical Sciences, Medical College & Hospital, 7th Annual Conference of Society of Pharmacovigilance (India) Jaipur, 23-25 November 2007.

Publications

Aggarwal, B. and Menon, B. 2007. 'A case with pulmonary tuberculosis, pleural effusion, miliary tuberculosis, cervical and mediastinal lymphadenopathy, tubercular arthritis, psoas abscess and severe anaemia'. *Respiratory Medicine Extra.*, 3: 79-82.

Ashraf, M.Z., Reddy, M.K., Hussain, M.E., Podrez, E.A. and Fahim, M. 2007. 'Contribution of EDRF and EDHF to restoration of endothelial function following dietary restrictions in hypercholesterolemic rats'. *Indian J. Exp. Biol.*, 45: 505-14.

Chakraborty, A., Gulati, K. and Ray, A. 2007. 'Estrogen actions on brain and behaviour: Recent insights and future challenges'. *Rev. Neurosciences*, 18:395-416.

Chowdhary, A., Guarro, J., Randhawa, H.S., Gené, J., Cano, J. and Jain, R.K., et. al. 2007. 'A rare case of chromoblastomycosis in a renal transplant recipient caused by a non-sporulating species of *Rhytidhysterion*'. *Med. Mycol.*, 46: 163-6.

Gulati, K., Chakraborti, A. and Ray, A. 2007. 'Modulation of stress induced neurobehavioral changes and brain oxidative injury by nitric oxide mimetics in rats'. *Behav Brain Res.*, 183: 226-30.

Gulati, K., Ray, A. and Pal, R. 2007. 'Free radicals and drug toxicity: Focus on theophylline', *Cell Mol. Biol.*, 53: 78-83.

Kallam, K.M., Edirisinghe, I., Balasuriya, U.B.R., Gunawardena, S., Bravo, E.M., Ravi, K. et. al. 2007. 'Effects of mitral regurgitation on the reflex diuresis to pulmonary lymphatic obstruction in rabbits'. *Exp. Lung Res.*, 33: 259-75.

Khan, Z.U., Randhawa, H.S., Kowshik, T., Chowdhary, A. and Chandy, R. 2007. 'Antifungal susceptibility of *Cryptococcus neoformans* and *Cryptococcus gattii* isolates from decayed wood of trunk hollows of *Ficus religiosa* and *Syzygium cumini* trees in north-western India'. *J. Antimicrobial Chemotherapy* 2007, 60: 312-6.

Kotwani, A., Ewen, M., Dey, D., Iyer, S., Lakshmi, P.K. and Patel, A. et. al. 2007. 'Prices & availability of common medicines at six sites in India using a standard methodology'. *Indian J. Med. Res.*, 125: 645- 54.

Kukreja, N., Singh, B.P., Arora, N., Gaur, S.N. and Sridhara, S. 2008. 'Identification of *Epicoccum purpurascens* allergen by two dimensional immunoblotting and mass spectrometry'. *Immunobiology*, 213: 65-73.

Kumar, R., Srivastava, P., Kumari, D., Fakhar, H., Sridhara, S. and Arora, N. et. al. 2007. 'Rice (*Oryza sativa*) allergy in asthma and rhinitis patients: A clinico-immunological study'. *Immunobiology*, 212: 141-7.

- Menon, B. and Aggarwal, B.** 2007. 'Pulmonary tuberculosis in a case of Rubinstein Taybi syndrome'. *Respiratory Medicine Extra*, 3: 164-7.
2007. 'Influence of spinal deformity on pulmonary function, arterial blood gas values and exercise capacity in thoracic kyphoscoliosis'. *Neurosciences*, 12: 293-8.
- Menon, B., Kulshreshtra, R., Aggarwal, B., Sharma, S. and Jain, P.** 2007. 'A rare case of non-small cell lung carcinoma in an 18-year-old female'. *Indian J Chest Dis Allied Sci.*, 49: 103-105.
- Nazir, R., Khanna, M. and Kulshrestha, R.** 2008. 'Time course of pulmonary pathology, cytokine influx and their correlation on augmentation of antigen challenge by influenza A virus infection'. *Indian J. Exp. Biol.*, 46: 151-8.
- Randhawa, H.S. and Chowdhary, A.** 2008. 'Medical mycology in India (1957-2007): Contributions by the mycoses group of Vallabhbhai Patel Chest Institute'. *Indian J. Chest Dis. Allied Sci.*, 50: 19-32.
- Randhawa, H.S., Chowdhary, A. and Khanna, G.** 2007. Comments on Singh *et. al.*'s 'Cryptococcosis in a bandicoot rat'. *Med. Mycol.*, 45: 655-6.
- Ravi, K. and Kappagoda, C.T.** 2008. 'Left ventricular dysfunction and extravascular fluid in the lung: Physiological basis for symptoms'. *Indian J. Chest Dis. Allied Sci.*, 50: 7-18.
- Rizvi, M.R., Omanwar, S., Fahim, M. and Sarin, S.K.** 2007. 'Altered alpha adrenergic vasoresponsiveness in a non-cirrhotic portal hypertension model of *E coli* injection'. *J. Gastroenterol Hepatol.*, 22: 870-6.
- Satyanarayana, K., Sharma, A., Parikh, P., Vijayan, V.K., Sahu, D.K. and Nayak, B.K., et al.** 2008. 'Statement on publishing clinical trials in Indian biomedical journals (Editorial)'. *Indian J. Med. Res.*, 127: 104-5.
- Shahid, M., Tauseef, M., Sharma, K.K. and Fahim, M.** 2008. 'Brief femoral artery ischaemia provides protection against myocardial ischaemia/reperfusion injury in rats: The possible mechanisms'. *Exp. Physiol.*, Mar. 20; [e-pub. ahead of print].
- Shariff, M., Thukral, S.S. and Beall, B.** 2007. 'New multilocus sequence types of *Streptococcus pneumoniae* isolates from patients with respiratory infections in India'. *Indian J. Med. Res.*, 126: 161-4.
- Sharma, V., Singh, B.P., Gaur, S.N. and Arora, N.** 2008. 'Molecular and immunological characterization of cytochrome C: A potential cross-reactive allergen in fungi and grasses'. *Allergy*, 63: 189-97.
- Tauseef, M., Shahid, M., Sharma, K.K. and Fahim, M.** 2008. 'Antioxidative action of aspirin on endothelial function of hypercholesterolemic rats'. *Basic Clin Pharmacol. Toxicol.* [e-pub. ahead of print].

FACULTY OF TECHNOLOGY

ELECTRICAL ENGINEERING

Major Activities

The Faculty and research scholars of the Department have significantly contributed in the area of soft computing techniques. Genetic algorithm-based tuning of controllers, Signal processing, FPGA implementation and data acquisition have been the major areas for Control and Instrumentation group in the Department. Power Quality Improvement, Multilevel Inverters, FACTS devices based stability enhancement in power systems, Asynchronous generators for non-conventional energy sources were the major areas of research for the Power group.

Publication

Verma, V. 2007. 'An improved Hybrid Filter Compensating Current and Voltage Harmonics'. *International Journal of Electrical Power and Energy Systems*, 29(4): pp. 312-21.

FACULTY OF MATHEMATICAL SCIENCES

COMPUTER SCIENCE

Major Activities

The Department of Computer Science was established in Delhi University in 1981 with the objective of imparting quality education in the field of Computer Science. With rapidly evolving technology and continuous need for innovation, the Department has always produced quality professionals who are now holding important positions in the Information Technology industry/Academia in India and abroad. The faculty of the Department is actively involved in research areas such as Artificial Intelligence, Parallel Computing, Databases, Data Mining, Software Engineering, Computer Graphics, Networking, Web Technologies and Information Security.

Ph.D. Degree awarded

Ph.D. - 1

Seminars/Conferences held

The 3rd International Conference on Information Systems Security (ICISS), 16-20 December 2007.

Seminar on 'Improving DB2 Performance: A Generic Approach' by Laurent Mignet, IBM Research India at the Department of Computer Science, 11 December 2007.

Seminar on 'Glass Fish – an Open Source Application Server from Sun Microsystems' by Mr. Arun Gupta, a Technology Evangelist for Web services and Web 2.0 applications with Sun Microsystems, 03 December 2007.

Seminar on 'Natural Language Processing' by Ms. Kalika Bali, Associate Researcher in the Multi Lingual Systems group at Microsoft Research India, 17 September 2007.

Seminar on 'Parallel Computing' by Dr. Ernst L. Leiss (ACM Distinguished Speaker), Department of Computer Science, University of Houston Texas, USA, 13 August 2007.

Seminars/Conferences attended

Dr. Punam Bedi : Organising Chair, 3rd International Conference on Information Systems Security (IGISS), Delhi University, 16-20 December 2007.

Mrs. Vidya Kukarni : Attended 13th International Conference on Database Systems for Advanced Applications, New Delhi, 19-21 March 2008.

Indian First Software Engineering Conference, Hyderabad, 19-22 February 2008.

3rd International Conference on Information Systems Security, Delhi, 16-20 December 2007.

International Conference on Advances in Computer Vision and Information Technology, Aurangabad (MS) India, 28-30 November 2007.

Fifteenth IEEE International Requirements Engineering Conference, Delhi, 15-19 October 2007.

Dr. Vasudha Bhatnagar : Chaired session at 13th International Conference on Database and Expert System Applications, Regensburg, Germany, 3 – 7 September 2007

Thirteenth International Conference on Database Systems for Advanced Applications, New Delhi, 19-21 March 2008.

Dr. Neelima Gupta : Attended 13th International Conference on Database Systems for Advanced Applications, New Delhi, 19-21 March 2008.

Third International Conference on Information Systems Security, Delhi, 16-20 December 2007.

Attended : 27th International Conference Foundations of Software Technology and Theoretical Computer Science, 12-14 December 2007.

Publications

Journal

Bedi, P. and Gaur, V. 2007. 'Evaluating Trust in Agent-mediated e-Commerce', *International Journal of Technology, Knowledge and Society*, 3(3) : 65-74, Common Ground Publisher, Australia, ISSN: 1832-3669.

2007. 'Establishing Quality Requirements of Multi-agent Projects'. *Information Technology Journal*, Asian Network for Scientific Information, ISSN: 1812-5646, 6(5): 490-6.

Bhatnagar, V., Kaur, S. and Chaturvedi, A. 2008. 'Gradation Framework for Anomaly Detection in Streams', *ISAST Transactions on Intelligent Systems*, 1(1).

Conference Publications

Bedi, P., Jain, S., Gupta, R., Sharma, R. and Singhal, A. 2007. 'Towards Self-Organizing Web Sites', Proc. ADCOM'07 - 15th International Conference on Advanced Computing and Communication, Indian Institute of Technology, Guwahati, INDIA, (Proceedings published by IEEE Computer Society Press and Papers also available in IEEE Xplore), pp.283-8.

Vats, A., and Bedi, P. 2007. 'Load Balancing on Dynamic Network Using Mobile Process Groups', Proc. ADCOM'07 - 15th International Conference on Advanced Computing and Communication, Indian Institute of Technology, Guwahati, INDIA, (Proceedings published by IEEE Computer Society Press and Papers also available in IEEE Xplore), pp. 553-8.

Bedi, P. and Gaur, V. 2007. 'Optimal Partner Selection Model for Cooperation', Proc. IICAI'07 - 3rd Indian International Conference on Artificial Intelligence, Pune, India.

Mehdiratta, N., Dhand, S., Sharma, R., Singhal, A. and Bedi, P. 2007. 'Avoiding Traffic Jam using Ant Colony Optimization', Proc. ICCIMA'07 - International Conference on Advances in Computational Intelligence and Multimedia Applications, Sivakasi, INDIA, (Proceedings published by IEEE Computer Society Press and Papers also available in IEEE Xplore), pp. 61-7.

Marwaha, S., Gupta, M., Bansal, M. and Bedi, P. 2007. 'Semantic Web Enabled Resource Scheduler: An Approach using Temporal Extensions to Ontologies', Proc. ICCIMA'07 - International Conference in Advances on Computational Intelligence and Multimedia Applications, Sivakasi, INDIA, (Proceedings published by IEEE Computer Society Press and Papers also available in IEEE Xplore), pp. 103-9.

Muttoo, S.K. and Kumar, S. 2007. 'High Capacity Image Steganography using Best T-codes' International Symposium on Data, Information and Knowledge spectrum, ISDIKS .

Chawla, S. and Bedi, P. 2007. 'Personalized Web Search using Information Scents', Proc. CISSE'07 - International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering, Technically, co-sponsored by Institute of Electrical & Electronics Engineers (IEEE), University of Bridgeport.

Muttoo, S.K. and Kumar, S. 2007. 'Robust Source coding Watermark technique based on magnitude DFT decomposition' 40th Annual Convention of ORSI, New Delhi.

Sharma, R., Singh, M., Makkar, R., Kaur, H. and Bedi, P. 2007. 'Ant Recommender: Recommender System inspired by Ant Colony', Proc. ACVIT'07 - International Conference on Advances in Computer Vision and Information Technology, Aurangabad.

Bedi, P. and Gaur, V. 2007. 'Refining Quality Requirements in Agent mediated e-Commerce from User's Trust', Proc. ACVIT'07 - International Conference on Advances in Computer Vision and Information Technology, Aurangabad.

Thukral, A., Sharma, A., Banati, H., Bedi, P. 2007 Modeling Roles in e-Learning: MoRel., Proc. ACVIT'07 - International Conference on Advances in Computer Vision and Information Technology, Aurangabad.

Aggarwal, A., Singhal, P., Kaur, S. and Bhatnagar, V. 2007. 'PDOD' : Tree Based Algorithm For Outlier Detection', Proc. ACVIT 07- International Conference on Advances in Computer Vision and Information Technology, Aurangabad.

Kulkarni, V. 2007. Anushree Dixit, Vikrant Arora. Fast Retrieval of Similar or Partially Matching Images in Image Databases, Proceedings of International Conference on Advances in Computer Vision and Information Technology.

Bansal, R., Sehgal, P. and Bedi, P. 2007. 'A Simplified Fuzzy Filter for Impulse Noise Removal using Thresholding', Proc. International Conference on Signal Processing and Imaging Engineering 2007, World Congress on Engineering and Computer Science, San Francisco, USA, ISBN: 978-88-98671-6-4.

Kulkarni, V. 2007. Poster paper by Portas, Gotel, Scharff, Neak Student Benefits from Participating in a Global Software Development Project, Consortium for Computing Sciences in Colleges (CCSCE) Patchogue, NY, USA.

Bhatnagar, V. and Kochhar, S. 2007. 'Beyond Mining: Characterizing the Data Generation Process', Proc. International Conference on Intelligent System Design and Application, Rio, Brazil, IEEE press.

Bhatnagar, V. and Kaur, S. 2007. 'Exclusive and Complete Clustering of Streaming Data' Proc. International Conference on Database and Expert System Applications, (DEXA'2007), Regensburg, Germany.

Bedi, P. and Gaur, V. 2007. 'Quantification of Quality for Multi-agent System: A Clustering Approach', Proc. CISTM'07 - 5th Annual Conference on Information Science Technology and Management, Hyderabad.

2007. 'Exploring the interdependencies among Communication, Knowledgeability and Performance of Multi-agent Systems', Proc. WCE'07 International Conference of Information Engineering, World Congress on Engineering, London, UK, 2007, ISBN: 978-88-98671-5-7, Vol. (1), pp. 547-52.

2007. 'Prioritizing Quality specifications of Multi-agent Systems', Proc. WCE'07 International Conference of Information Engineering, World Congress on Engineering, London, UK, 2007, ISBN: 978-88-98671-5-7, Vol. (1), pp. 541-6.

Bedi, P. and Marwaha, S. 2007. 'Versioning OWL Ontologies using Temporal Tags', Proc. CESSE'07 - XXIth International Conference on Computer, Electrical and Systems Science, and Engineering, Vienna, Austria, pp. 332-7.

Khurana, S., Gupta, N. and Aneja, N. 2007. 'Minimum Exposed Path to the Attack (MEPA) in Mobile Ad-hoc Network (MANET)', Sixth International Conference on Networking, pp. 22-8.

MATHEMATICS

Major Activities

The Department has received international recognition in the following areas of research:

- Analysis
- Applied Mathematics
- Algebra

The group involved in Analysis has produced substantial work. The broad areas in which research work is being vigorously pursued are:

- Toeplitz Operators and Hankel Operators
- Composition Operators and Operator algebras
- Spaces of analytic functions and their Operator Theory
- Harmonic analysis, Fourier analysis, Operator spaces
- Sobolcv Spaces : Their structure and applications to partial differential equations, Complex analytic methods in partial differential equations.
- Algebraic topology

The thrust areas in Applied Mathematics are:

- Coding theory
- Parallel Computational methods for non-linear partial differential equations
- Computational Fluid Mechanics

Major areas of research in Algebra are:

- Group Rings
- Combinatorial Group Theory
- Derivations and Commutativity of rings

Research work done has been published in reputed international journals such as *Journal of Operator Theory*, *Journal of Applied Functional Analysis*, *Mathematika Zeitschvrifte*, *J. Statistical Theory and Practice*, *Ratio Mathematica*, *Mathematical Inequalities and Applications*, *Australian Journal of Mathematics*, *Journal of Osaka Mathematical Society*, *Applicable Analysis*, *Complex Variables*, *Math. Nachs.*, *International Journal of Computer Mathematics*, *International Journal of Numerical Analysis and Modelling*, *Applied Mathematics and Computations*.

Ph.D./M.Phil. degrees awarded

Ph.D. - 4

M.Phil. - 6

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Quasihyponormal Toeplitz Operators	Prof. S.C. Arora	Delhi University
Harmonic Analysis and Complex Analytic Methods in Partial Differential Equations.	Prof. Ajay Kumar	Delhi University

Honours/Distinctions

Prof. (Ms.) Ajit Iqbal Singh: Worked as Associate Editor of *The Indian Journal of Pure and Applied Mathematics* published by the Indian National Science Academy.

Prof. S.C.Arora: Visited Sherbutse College, Royal University of Bhutan Kanglung, Bhutan, for review of their courses (nominated by Delhi University), 24-29 October 2007.

Seminar/Conference held

International Conference on Operators Theory and Related Areas, 9–12 January 2008.

Seminars/Conferences attended

Prof. S.C. Arora: Delivered an invited talk entitled 'Weyl Spectra and Generalizations' and chaired a session in the 4th International Conference of Applied Mathematics and Computing held at Plovdiv, Bulgaria, 12 –18 August 2007.

Delivered a lecture entitled 'Generalized Slant Toeplitz Operators', International Conference on Operator Theory and Related Areas, Department of Mathematics, University of Delhi, 9 – 12 January 2008.

Prof. Ajay Kumar:Delivered an invited talk at the International conference on Operator Theory and Related Areas, University of Delhi.

Prof.(Ms.) Ajit Iqbal Singh: Research talks on 'Cantor sets, Convexity and Cake-cutting' at Central University of Hyderabad, June-July, 2007.

Research Talk on 'Liapounov's convexity Theorem, Preservation of the range of a vector measure under shortenings of the domain and their quantized versions', Indian Statistical Institute, Delhi Centre, 10 October 2007.

Prof. S.C. Arora: Delivered an Invited talk titled 'On H – Toeplitz Operators' and chaired a session in the 17th Annual Conference of Jammu Mathematical Society, 31 March – 3 April 2007.

Delivered an Invited talk titled 'Boolean Algebra Applied to Practical Problems' on 3 April 2007, at the three-day UGC National Seminar on 21st Century Renaissance Transformation in Technology and Life', DCAC, University of Delhi, 2 – 4, April 2007.

Delivered an invited lecture titled 'Toeplitz Operators and Generalizations', National Seminar on 'Functional Analysis and its Applications' at the Department of Mathematics, Osmania University, Hyderabad, 24 November 2007.

Delivered an Invited talk on 'Weighted Toeplitz Operators' and chaired a session at the 18th Annual Conference of Jammu Mathematical Society and a National Seminar on Emerging Trends in Analysis and Operator Theory', 29 February – 2 March 2008.

Prof. Tej Bahadur Singh: Delivered an invited talk on 'Free involution on projective spaces', Annual Conference of Indian Mathematical Society, Pune, 27-30 December 2007.

Publications

Arora, S.C. 2007. 'Weighted composition operators on Rearrangement Invariant spaces'. 'Ganita', India, 58 (1) 1-8, with Datt, G and Verma, S. .

2007. 'On Slant Hankel operators'. *Bulletin of Calcutta Math. Soc.*, 99(1): 95–100, with Batra, R.

2007. 'Operators satisfying $\operatorname{Re}(\phi(T)) = \phi(\operatorname{Re}(T))$ ', *International Journal of Pure and Applied Mathematics*, Bulgaria, 34 (2) 197–202, with Dharmarha, P.

2007. 'On Joint Weighted Spectrum', *Bull. Cal. Math. Soc.*, 99(5), 539–46 with Dharmarha, P.

2007. 'On H – Toeplitz Operators', *Bull. Pure Appl. Math.*, 1 (2) 141–54, with Paliwal, S.

2007. 'Weighted Composition Operators on Lorentz Spaces', *Bull. Korean Math. Soc.*, 44 (4) : 701–8, with Datt, G. and Verma, S.

2007. 'Multiplication and Composition Operators on Orlicz – Lorentz spaces', *Int. Journal of Math. Analysis*, Bulgaria, 1 (25) : 1227–34, with Datt, G. and Verma, S.

2007. 'Composition Operators on Lorentz Spaces', *Bull. Australian Math. Soc.*, 76: 205–14 with Datt, G. and Verma, S.

2007. 'Weighted composition operators on Orlicz-Sobolev spaces', to appear in the Journal of Australian Mathematical Society, Australia, with Datt, G. and Verma, S.

2008. 'Multiplication and Composition Operators on Lorentz-Bochner Spaces', to appear in Osaka Journal of Mathematics, Vol. 45 (3) with Datt, G. and Verma, S.

2008. 'Essentially slant Hankel Operators' to appear in Bull. of the Malaysian Mathematical Sciences Society, Vol. 31 (2) with Bhola, J.

Heinrich Begehr and Kumar, A. 2007. 'Boundary value problems for higher order inhomogeneous equations II, Analysis', *International Mathematical Journal of Analysis and its Applications*, Munchen, Germany, 27: 359-73.

Kumar, A and Prakash, R. 2007. 'Iterated Boundary Value Problems for the inhomogeneous Polyanalytic equation, Complex Variables and Elliptic Equations'. 52: 921-32.

2008. 'Neumann and Mixed boundary value problem', *Journal of Applied Functional Analysis*, USA, 3: 399- 417.
2008. Mixed boundary value problem for inhomogeneous Poly-analytic-harmonic equation, To appear in Proceedings of the 5th International ISAAC Congress to be published by World Scientific .
2008. Dirichlet problem for Inhomogeneous Polyharmonic equation, To appear in Complex Variables and Elliptic Equations, USA.
- Jain, R. and Kumar, A.** 2008. Operator space tensor product of C^* -algebras. To appear in **Mathematische Zeitschrift**, Germany. Available online Springer Verlag publication site <http://www.springerlink.com>.
- Mohanty, R.K. and Singh, S.** 2007. 'A New Two Level Implicit Discretization of $O(k^2+kh^2+h^4)$ for the Solution of Singularly Perturbed Two Space Dimensional Non-linear Parabolic Equations'. *Journal of Computational and Applied Mathematics*, 208, 391-403.
- Mohanty, R.K.** 2007. 'An Implicit High Accuracy Variable Mesh Scheme for 1-D Non-linear Singular Parabolic Partial Differential Equations'. *Applied Mathematics and Computations*, 186, : 219-29.
2007. 'Three-step BLAGÉ Iterative Method for Two-dimensional Elliptic Boundary Value Problems with Singularity", *International Journal of Computer Mathematics*, 84 : 1613 – 24.
2007. 'The Smart-BLAGÉ Algorithm for Singularly Perturbed 2D Elliptic Partial Differential Equations', *Applied Mathematics and Computations*, 190 : 321-31.
2007. 'Stability Interval for Explicit Difference Schemes for Multi-dimensional Second Order Hyperbolic Equations with Significant First Order Space Derivative Terms', *Applied Mathematics and Computations*, 190 :1683-90 .
- Mohanty, R.K. and Singh, S.** 2008. 'A New High Order-Two Level Implicit Discretization for the Solution of Singularly Perturbed Three Space Dimensional Non-linear Parabolic Equations', *International Journal of Numerical Analysis and Modelling*, 5 : 40-54.
- Laltanpuia and Singh, A.I.** 2008. 'Preservation of the range of a vector measure under shortenings of the domain'. *Journal of Convex Analysis* 15 (2) : 313-24.
- Jain, S.K., Singh, A.I. and Srivastava, A.K.** 2008. Generalized Group Algebras of Locally Compact Groups, to appear in Communications in Algebra.
- Chill, R. and Srivastava, S.** 2008. 'L^p Maximal regularity for second order Cauchy problems is independent of p'. *Boll. Unione Mat. Ital.*, Series IX, 1 (1) : 14 –58.

OPERATIONAL RESEARCH

Major Activities

Research in the Department is targeted towards meeting the challenges of the information-driven, process-oriented and competitive industrial environment. Faculty Research in the Department is aimed at exploring fundamentals and applications in the following broad areas:

- Mathematical Programming
- Software / Hardware Reliability
- Heuristic and Metaheuristic Algorithms for System Reliability Optimization
- GERT Approach to System Reliability Evaluation and Waiting Time Distributions of Runs and Patterns
- Transient Solutions of Non-Markovian Queueing Models
- Inventory Management
- Marketing
- Optimization
- Supply Chain Management

Ph.D./M.Phil Degrees awarded

Ph.D. - 4

M.Phil. - 5

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Ant Colony Reliability Optimization Algorithms.	Prof. (Ms.) Manju Lata Agarwal	University of Delhi
Generalized Convexity.	Prof. (Mrs.) Davinder Bhatia	University of Delhi
Development of Software Reliability Growth Modelling using Stochastic Differential Equations.	Prof. P.K. Kapur	DRDO, Ministry of Defence
Development of Software Reliability Growth Models for Distributed Environment.	Prof. P.K. Kapur	University of Delhi
Accelerated Life Testing.	Dr. (Mrs.) Preeti Wanti Srivastava	University of Delhi
Generalized Optimization Framework using Fuzzy Modelling.	Dr. Pankaj Gupta	University of Delhi

New Additions

Dr. (Mrs.) Anu Gupta Aggarwal - Lecturer

Seminars/Conferences attended

Prof. (Ms.) Manju Lata Agarwal: Chaired a technical session and delivered an invited talk on 'Ant Colony Reliability Optimization Algorithms' in the International Conference on Statistics & its Application in OR, Computer Science and Management/ Life in conjunction with the XXVII Annual Convention of Indian Society for Probability & Statistics (ISPS), R.T.M. Nagpur University, Nagpur, 10-12 January 2008.

Prof. (Mrs.) Davinder Bhatia: Participated in the 40th Annual Convention of Operational Research Society of India, Indian National Science Academy, New Delhi, 4-6 December 2007.

Prof. P.K. Kapur: Delivered an invited talk on 'Software Reliability Growth Modelling: State of the Art', International Conference on Present Practices and Future Trends in Quality and Reliability - ICONQR08, Indian Statistical Institute, Kolkata, 22-25 January 2008.

Delivered an invited talk International Conference on Statistics & at its Application in OR, Computer Science & Management/Life, Nagpur, 10-12 January 2008.

Delivered Introductory comments at the International Conference on Reliability, Safety and Quality Engineering -ICRSQE-2008, NPCIL Mumbai, 5-7 January 2008.

Delivered an invited talk in International Conference on Reliability and Safety Engineering -INCREASE 2007, Udaipur, 17-19, December 2007.

Delivered an invited talk at the 40th Annual Convention, Operational Research Society of India, Delhi Chapter, Indian National Science Academy Delhi, 4-6 December 2007.

Delivered the keynote address on 'Reliability Growth Analysis of a N-Version Programming System incorporating the effect of Fault Removal Efficiency', National Conference on Mathematical Modelling, Optimization and their Applications, Delhi, 28-29 April 2007.

Dr. Chandra K. Jaggi: Delivered an invited talk on 'Impact of Trade Credit on Inventory Policies', International Conference on Frontier of Mathematics & Applications, University of Burdwan, WB, 16-18 January 2008.

Chaired a session and presented paper at the 40th Annual Convention of Operational Research Society of India, Indian National Science Academy, New Delhi, 4-6 December 2007.

Dr. Pankaj Gupta: Participated in the 40th Annual Convention of Operational Research Society of India, Indian National Science Academy, New Delhi, 4-6 December 2007.

Publications

Books

Kapur, P.K. 2007. Editor-in-chief '*Advances in performance and safety of complex systems*', New Delhi: Macmillan India Ltd.

2007. *Quality, Reliability and Infocom Technology*, New Delhi: Macmillan India Ltd.
2007. Edited 'Special Issue of *International Journal of Reliability, Quality and Safety Engineering*, USA.
2007. Edited the Special Issue of *Communications in Dependability and Quality*, Serbia.
- Malhotra, R., Lalitha, C.S., Gupta, P., Mehra, A. and Sonia** (eds) 2007. *Combinatorial Optimization: Some Aspects*. New Delhi: Narosa Publishing House.
- Research Articles in scholarly journals**
- Agarwal, M., Sen, K. and Borkakaty, B.** 2007. 'Lattice Path Approach for Busy Period Density of $M/C_3/1$ Queues using Lattice Path Approach'. *Journal of Applied Mathematical Modelling*. 31 : 2062-79.
- Agarwal, M., Sen, K. and Borkakaty, B.** 2007. 'Lattice Path Approach for Busy Period Density of $GI^b/G/1$ Queues using C_2 Coxian Distributions'. *Journal of Statistical Theory and Practice*. 1(2): 167-98.
- Agarwal, M. and Mohan, P.** 2007. 'Reliability Analysis of Consecutive $-k, r$ -out-of- n :DFM System using GERT'. *International Journal of Operations Research*. 4: 110-117.
- Agarwal, M., Mohan, P. and Sen, K.** 2007. 'GERT Analysis of m -consecutive- k -out-of- n :F Systems with Dependence'. *Economic Quality Control, International Journal for Quality and Reliability*', 22(1): 141-57.
- Agarwal, M. and Mohan, P.** 2008. 'ERT Analysis of m -consecutive- k -out-of- n :F System with Overlapping Runs and $(k-1)$ -step Markov Dependence'. *International Journal of Operational Research*, 3(1/2): 36-51.
2008. 'GERT Analysis of m -consecutive- k -out-of- n :F System with $(k-1)$ -step and Homogenous Markov Dependence'. *International Journal of Mathematics and Statistics (IJAMAS)*,13: 58-68.
- Aggarwal, S. and Agarwal, M.** 2007. 'Redundancy Optimization in Multi-State Complex Systems with Multi-State Components' : A Heuristic Approach'. *IAPQR Transactions*. 32(1) : 21-42.
- Bao, T.Q., Gupta, P. and Mordukhovich, Boris S.,** 2007. 'Necessary Conditions in Multiobjective Optimization with Equilibrium Constraints'. *Journal of Optimization Theory and Applications*'. 135(2): 179-203.
- Gupta, R. and Agarwal, M.** 2007. 'Heuristic Approach for Heterogenous Redundancy Optimization in Multi-State Series-Parallel System'. *International Journal of Reliability, Quality and Safety Engineering*. 14(4): 1-33.
- Gupta, A., Mehra, A. and Bhatia, D.,** 2007. 'Higher Order Efficiency, Saddle Point Optimality and Duality for Vector Optimization Problems'. *Numerical Functional Analysis and Optimization*. 28 (3-4) : 1-14.

- Gupta, P., Mehlawat, M.K. and Saxena, A.**, 2008. 'Asset Portfolio Optimization using Fuzzy Mathematical Programming'. *Information Sciences*, 178(6): 1734-55.
- Gupta, P. and Mehlawat, M.K.** 2007. 'An Algorithm for a Fuzzy Transportation Problem to Select a New Type of Coal for a Steel Manufacturing Unit'. *Sociedad de Estadística e Investigación Operativa (TOP)*, Springer. 15(1): 114-37.
- Jaggi, C. K. and Khanna, A.** 2008. 'Impact of Inflation and Credit Policies on a Production Lot Size Model'. *Canadian Journal of Pure And applied Sciences*, 2(1): 243-49.
- Jaggi, C. K. and Mittal, M.** 2007. 'An EOQ Model for Deteriorating Items with Time-Dependent Demand under Inflationary Conditions'. *Indian Journal of Mathematics and Mathematical Sciences*, 3(2): 139-47.
- Jaggi, C. K., Khanna, A. and Goel, S. K.** 2007. 'Progressive Credit Policy In A Supply Chain Model Under Inflationary Conditions'. *Mathematics Today*, 23(2): 1-18.
- Jaggi, C. K. , Kausar, A. and Khanna, A.** 2007. 'Joint Optimization of Retailer's unit selling price and Cycle Length under Two-Stage Credit Policy when the end demand is price as well as credit period sensitive'. *OPSEARCH*, 44 (2): 172-82.
- Jaggi, C. K. , Aggarwal, K. K. and Goel, S. K.** 2007. 'Retailer's Optimal Ordering Policy under Two-Stage Trade Credit Financing'. *Advanced Modelling and Optimization* an International journal. 9(1): 67-80.
- Jaggi, C. K. , Goel, S. K. and Kausar, A.** 2007. 'Joint Optimization of Price and Cycle Length under Two-Stage Credit Policy with Credit-Linked Demand'. *Revista Investigacion Operacional, Cuba*, 28(2): 115-22.
- Jha, P.C., Gupta, A. and Kapur, P.K.** 2007. 'Bass Model Revisited'. *Journal of Statistics and Management System*.
- Kapur, P.K., Singh, V.B. and Anand, S.** 2007. 'Fault Dependency Based Software Reliability Growth Models with Various Debugging Time Lag Functions'. *Communications in Dependability and Quality*, (Serbia) 46-68.
- Kapur, P.K., Anand, S., Yadavalli, V.S.S. and Beichelt, Frank.** 2007. 'A Generalised Software Growth Kapur Model using Stochastic Differential Equation'. *Communications in Dependability and Quality*, (Serbia) 82-96.
- Kapur, P.K., Gupta, A. and Jha, P.C.** 2007. 'Reliability Analysis of Project and Product Type Software in Operational Phase Incorporating the Effect of Fault Removal Efficiency'. *International Journal of Reliability, Quality, and Safety Engineering*, USA 14 (3):1-22.
- Kapur, P.K., Yadav, K., Kumar, A. and Khatri, S.** 2007. 'Software Reliability Growth Modeling for Errors of Different Severity using Change-Point'. *International Journal of Reliability, Quality, and Safety Engineering*, USA. 14(4): 311-26.

Kapur, P.K., Gupta, A. and Jha, P.C. 2007. 'Reliability Growth Modelling and Optimal Release Policy of a N-Version Programming System Incorporating the Effect of Fault Removal Efficiency'. *International Journal of Automation and Computing*, 4 (4) : 369-79.

Kapur, P.K., Singh, V.B., Anand, S. and Yadavalli, V.S.S. 2007. 'An Innovation Diffusion Model Incorporating change in Adoption Rate'. *Management Dynamics*, (South Africa)16 (1): 33-40.

Kapur, P.K., Goswami, D.N. and Bardhan A.K. 2007. 'Flexible Software Reliability Growth Model with Testing Effort Dependent Learning Process'. *Applied Mathematical Modelling*.

Kapur, P.K., Gupta, D., Gupta, A. and Jha, P.C. 2007. Effect of introduction of Fault and Imperfect Debugging on Release Time. To appear in *Ratio Mathematica*, *Journal of Applied Mathematics*.

Kapur, P.K., Goswami, D.N. and Bardhan, A.K. 2007. A General Software Reliability Growth Model with Testing Effort Dependent Learning Process. To appear in *International Journal of Modelling and Simulation*.

Kapur, P.K., Bardhan, A.K. and Yadavalli, V.S.S. 2007. 'On Allocation of Resources During Testing Phase of a Modular Software'. *International Journal of Systems Science*, 38 (6): 493-99.

Mohan, P. and Agarwal, M. 2007. 'Strict Consecutive-k-out-n:F System: GERT Analysis'. *OPSEARCH*, 44 (4): 337-45.

Ramasamy, S., Govindasamy, G. and Kapur, P.K. 2007. 'Software Reliability Growth Model for Vital Quality Metrics'. *South African Journal of Industrial Engineering* : 93-108.

Sen, K., Agarwal, M. and Borkakaty, B. 2008. 'Transient Queue Length Distribution of M/C₁/1 System: Lattice Path Approach'. *Journal of Mathematical Sciences. New Series*, 3-7: 53-81.

Srivastava, P.W. and Shukla, R. 2008. A Log-Logistic Step-Stress Model. To appear in *IEEE Transactions on Reliability*.

Srivastava, P.W. and Shukla, R. 2008. Optimum Log-Logistic Step-Stress Model with Censoring. To appear in *International Journal of Quality and Reliability Management*.

Articles in Conference Proceedings

Kapur, P. K., Singh, V.B. and Basirzadeh Mashaallah, 2008. 'Considering Errors of Different Severity in Software Reliability Growth Modeling using Fault Dependency and Various Debugging Time Lag Functions'. *Proceedings of Advances in Performance and Safety of Complex Systems*, (eds.) Verma, A.K., Kapur, P.K. and Ghadge, S.G. MacMillan India Ltd. New Delhi, pp. : 839-49.

Kapur, P.K., Jha, P.C., Gupta, D., and Yadav, K. 2008. 'Identification of Different Stages in the Testing Phase of a Software Reliability Growth Model'. *Proceedings of Advances in Performance and Safety of Complex Systems* (eds) Verma, A.K., Kapur, P.K. and Ghadge, S.G. MacMillan India Ltd. New Delhi : pp. 850-61.

- Kapur, P.K., Gupta, A., Jha, P.C. and Gupta, D.** 2008. 'Optimum Software Release Policy under Fuzzy Environment for a N-Version Programming System using a Discrete Software Reliability Growth Model Incorporating the Effect of Fault Removal Efficiency'. Proceedings of Advances in Performance and Safety of Complex Systems, (eds) Verma, A.K., Kapur, P.K. and Ghadge, S.G. Macmillan India Ltd. New Delhi : pp. 803-16.
- Kapur, P. K. , Jha, P. C. and Kumar, D.** 2007. 'Reliability Growth Modelling with Fault Dependency using Debugging Time Lag Functions'. 3rd International Conference on Reliability and Safety Engineering (INCREASE-2007), Udaipur, pp. 383-96.
- Kapur P. K Singh V.B. and Anand, S.** 2007. 'Effect of change-point on software reliability growth models using stochastic differential equation'. 3rd International Conference on Reliability and Safety Engineering (INCREASE-2007), Udaipur, pp. 320-33.
- Kapur, P. K., Singh, V.B. and Yang, Bo.** 'Software Reliability Growth Model for Determining Fault Types'. 3rd International Conference on Reliability and Safety Engineering (INCREASE-2007), Udaipur, pp. 334-49.
- Kapur, P. K., Khatri, S.K. and Goswami, D. N.** 2008. 'A Generalized Dynamic Integrated Software Reliability Growth Model based on Artificial Neural -Network Approach'. Proceedings of Advances in Performance and Safety of Complex Systems, (eds) A.K.Verma, P.K.Kapur and S.G. Ghadge) Macmillan India Ltd. New Delhi : pp. 831-38.
- Kapur, P. K., Anand, S. and Yadav, K.** 2008. 'Testing-Domain Based Software Reliability Growth Models using Stochastic Differential Equation'. Proceedings of Advances in Performance and Safety of Complex Systems, (eds) Verma, A.K., Kapur, P.K. and Ghadge, S.G. New Delhi : Macmillan India Ltd., pp. 817-30.
- Kapur, P.K., Gupta, A., Jha, P.C. and Kumar, U. Dinesh.** 2007. Adoption of Newer Successive Technologies. Quality Reliability and Infocom Technology, (eds.) Verma, A.K. and Kapur, P.K. Macmillan India Ltd., pp. 10-25.
- Kapur, P. K., Kumar, A., Yadav, K. and Kumar, J.** 2007. 'Incorporating Errors of Different Severity and Change-Point in Software Reliability Growth Modelling'. *Quality Reliability and Infocom Technology*, (eds) Verma, A.K. and Kapur, P.K. New Delhi : Macmillan India Ltd. 605-18.
- Kapur, P.K, Singh, V.B., Yadav, K.** 2007. 'Software Reliability Growth Model Incorporating Fault Dependency Concept using a Power Function of Testing Time'. *Quality Reliability and Infocom Technology*, (eds) Verma, A.K. and Kapur, P.K., New Delhi : Macmillan India Ltd., pp. 587-95.
- Jha, P.C., Gupta, D., Kumar, R. and Kapur, P.K.** 2007. 'Optimization Problems related to release time of a software: An Overview and Future Directions'. *Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K., New Delhi : Macmillan India Ltd., pp. 523-48.

- Kapur, P.K., Anand, S., Yadavalli, V.S.S. and Beichelt Frank.** 2007. 'A Generalized Software Growth Model using Stochastic Differential Equation'. *Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K. New Delhi : Macmillan India Ltd., pp. 451-61.
- Kapur, P.K., Singh, V.B. and Anand, S.** 2007. 'Software Reliability Growth Model of Fielded Software Based on Multiple Change-Point Concept Using a Power Function of Testing Time'. *Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K. , Macmillan India Ltd.,pp. 171-8.
- Kapur, P.K., Gupta, A. and Jha, P.C.** 2007. 'On Modelling Failure Phenomenon of Multiple Releases of a Software in Operational Phase for Product and Project Type Software:A Theoretical'. In *Framework Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K. New Delhi : Macmillan India Ltd., pp. 155-65.
- Jha, P.C., Kumar, D. and Kapur, P.K.** 2007. 'Fuzzy Release Time Problem'. *Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K. New Delhi : Macmillan India Ltd., pp. 304-10.
- Kapur, P.K., Kumar, A., Singh, O. and Yamada, S.** 2007. 'Discrete Software Reliability Growth Models for Distributed Systems'. *Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K. New Delhi : Macmillan India Ltd.,pp. 101-15.
- Kapur, P.K., Khatri, S.K., Jha, P.C. and Johri, P.** 2007. 'Using Change-Point concept in Discrete Software Reliability Growth Modelling'. *Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K. New Delhi : Macmillan India Ltd., pp. 219-30.
- Kapur, P.K., Yadav, K., Singh, O. and Yadavalli, V.S.S.** 2007. 'Testing-Domain Dependent Software Reliability Growth Models with Power-Logistic Functions'. *Quality Reliability and Infocom Technology* (eds) Verma, A.K. and Kapur, P.K. New Delhi : Macmillan India Ltd., pp. 284-94.

STATISTICS

Major Activities

The Department of Statistics, which runs three degree-oriented academic programmes, viz. M.A./M.Sc., M. Phil. and Ph.D., has recently effected a restructured syllabus at the M.A./M.Sc. level, incorporating topical and emerging areas of diverse nature. It is conducting and publishing research in a variety of statistical fields. The Department has bridged its long-felt void by operationalising its second fully computerized laboratory with effect from the academic session 2007-08. The Department has, via its 'Summer Training' and 'Campus Placement' programmes, achieved remarkable success in tapping opportunities to pave the way for suitable placement of its students with handsome salary packages in reputed national and international companies/organisations.

M.Phil. Degrees awarded

M.Phil. - 6

Seminars/Conferences attended

Prof. A.K. Bansal: Invited talk at the National Conference on 'Recent Statistical Techniques in Bio Statistics, Management Science and Related areas', Department of Statistics, Faculty of Science, M.S. University of Baroda, Vadodara, 14-16 February 2008.

Dr. Ajit Chaturvedi: Chaired a session and presented the invited talk, 'A family of inverse distributions and related estimation and testing procedures for the reliability function', National Seminar on 'Emerging Trends in Statistical Methods and Optimization Techniques', University of Jammu, 22-23 February 2008.

Dr. (Mrs.) Poonam Singh: Invited talk titled 'Efficient mixture designs through projection of Minimal Point second order response surface designs', Indian Science Congress, Visakhapatnam, A.P., 3-7 January 2008.

Publications

Books

Prof. A.K. Bansal. *Bayesian Parametric Inference*. New Delhi: Narosa Publishing House, ISBN: 978-81-7319-800-7.

Research Articles

Aggarwal, M.L., Singh, P. and Chan, L.Y. 2007. 'Optimal Designs in (9-1) J.S.T.P. orthogonal Blocks for Darroch and Waller's Quadratic Mixture Models in q components'. 1(3 & 4) : 467-77.

Bansal, A.K. and Aggarwal, P. 2007. 'Bayes prediction for a heteroscedastee regression super population model using balanced loss function'. *Communications in Statistics, Theory and Methods*, 36: 1565-76.

2007. 'Bayes estimation for the zero inflated modified power series distribution'. *American Journal of Mathematical and Management Science*, 27: 5-24.

Bansal, A.K. and Sinha, P. 2008. 'Bayesian Optimization analysis with ML-II Σ - Contaminated prior'. *Journal of Applied Statistics*, 35(2): 203-11.

Chaturvedi, A, Tiwari, N. and Kumar, S. 2007. 'Some remarks on classical and Bayesian reliability estimation of binomial and Poisson distributions'. *Statistical Papers*, Germany, 48: 683-93.

Chaturvedi, A. and Sharma, V. 2007. 'A family of inverse distributions and related estimation and testing procedures for the reliability function'. *The International Journal of Statistics and Management System*, USA, 2: 44-66.

Chaturvedi, A. and Singh, K.G. 2008. 'A family of lifetime distributions and related estimation and testing procedures for the reliability function'. *Journal of Applied Statistical Science*, USA, 16 (2): 35-50.

Grover, G. and Shakeri, N. 2007. 'Estimation of incidence of HIV using modified back-projection method and a lognormal incubation distribution'. *Journal of Applied Probability and Statistics*, 2 (2): 227-39.

Grover, G. Pensi, T. and Banerjee, T. 2007. 'Behavioural disorders in 6-11-year-old, HIV-infected Indian children'. *Annals of Tropical Paediatrics*, 27: 215-24.

Grover, G. and Shakeri, N. 2007. 'Non-parametric estimation of survival function of HIV+ patients with doubly censored data'. *Journal of Communicable Diseases*, 39(1): 7-12.

Chaturvedi, A. and Sharma, V. 2008. 'Application of the Zero-Truncated Negative Binomial Distribution to the Reliability Theory and Related Bayesian Estimation Procedures'. *Applied Statistics Research Progress*, Chapter 8 (ed.) M. Ahsanullah. New York : Nova Science Publications, Inc.

FACULTY OF MANAGEMENT STUDIES

BUSINESS MANAGEMENT AND INDUSTRIAL ADMINISTRATION

Major Activities

As an institution, we aspire to create an environment of excellence, team spirit and professional integrity. We believe that leadership is learnt and not taught; hence throughout the programme we present opportunities that will help them enlarge their understanding of business and society. Experience is an excellent teacher.

Technology Recourses

The computer-to-student ratio is among highest in any institute in the country. The entire campus has a switch-based Local Area Network operating on Windows 2000 and XP. Both University wings (North and South) are connected through a Wide Area Network. The Faculty of Management Studies is equipped with state-of-the-art Audio Visual and Video Conferencing facility, which can be accessed from anywhere in the campus.

Library

The Faculty of Management Studies has its air-conditioned library housing over 40,000 books and 100 journals (including 60 foreign journals). The Library is well stocked with books and other documents. Students also have access to the Ratan Tata Library which has a collection of over 2,00,000 books and over 1,000 journals (including online journals) on management and economics.

Students of the MBA-MS programme can also avail the facilities of the Delhi University South Campus Library which now has more than 1,00,000 books and bound volumes of periodicals.

Honours/Distinctions

Sunita Singh Sengupta: Awarded Homi Bhabha Fellowship.

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Adult and Continuing Education: An e-Learning Approach.	Prof. M.L. Singla	HRD

Seminars/Conferences attended

Prof. A.S. Narag: Attended the 3rd Conference of India-Spain Dialogue Forum, Valladolid, Spain, October 2007.

Sunita Singh Sengupta: 'The Psychological and Spiritual Implications of Meaning of Work'. Paper prepared for World Congress on Spirituality and Psychology, Delhi, 5-8 January 2008.

'An Integral Approach to Work Motivation: A Paradigm Shift'. Paper prepared for the XVII NAOP Conference, IIT Kanpur, 17-19 December 2007.

'Organisational Citizenship and Ethical Work Climate For High Performance'. Paper prepared for The Symposium on 'High Performing Organisations, at XVII NAOP Conference, 17-19 December 2007.

Delivered a Special Lecture on 'Spiritual Foundations of Organisational Development', School of Management Studies, 31 March 2008.

Simrit Kaur: Paper titled 'Relationship between Economic Freedom and Larger Freedoms: An analysis of BRIC Countries' presented at The Chinese Economists Society CES 2008, Annual Conference on New Phase of China's Economic Development, held in Tianjin at Nankai University, China, 18-19 April 2008.

Presented a paper titled 'Trade-off between Economic and Larger Freedoms: Re-examining the role of government' at the 20th Anniversary of the Oxford Round Table, Lincoln College, University of Oxford, England, 23-28 March 2008.

Presented a paper titled 'Enhancing Economic Freedom by Reducing the Size of Government: A question of its desirability', 6th International Conference on 'Economic Growth and Differentials: How Can We Harmonize Growth and Equality, held at Hosei University (Ichigaya Campus), 8-9 December 2007.

Participated in an eight-day Seminar organized by the Dialogue Programme, Brussels and the International Academy for Leadership of the Friedrich-Naumann-Stiftung fur die Freiheit, the German Foundation for Liberal Policies, Berlin and Brussels, title 'Economic Freedom: A Liberal; Strategy for Development', 6-13 October 2007.

Presented a paper titled 'Poverty, Malnutrition and Economic Freedom : Re-examining the Role of Government' at the National Conference on 'Expanding Freedom: Towards Social and Economic Transformation in a Globalizing World', Institute of Economic Growth, Delhi, 11-13 April 2007.

Delivered an invited lecture on 'Tamil Nadu and Economic Freedom' at Hotel Le Royal Meridian, Chennai, at a conference on 'Relevance of Economic Freedom for Development', 20 June 2007.

Dr. Kavita Singh: Presented paper titled 'Traditional Leadership vis-a-vis e-leadership: A Comparative Analysis of Business Organizations', jointly written with Dr. Monika Bansal, International Conference on Leadership in a Changing Landscape, Hotel Holiday Villa, Subang, Malaysia, 7-8 August 2007.

Chairperson for the National Conference on 'Employee Motivation and Discipline', Steel Authority of India Ltd., for the session on 'Self-Discipline and Self Motivation', 20 November 2007.

Presented a paper 'An Exposition to Learning Organization: Relationship with Organization Culture', XVII Annual Conference of National Academy of Psychology, IIT, Kanpur, 17 December 2007.

Dr. Pankaj Sinha: Chaired a session and presented a paper titled 'Hierarchical Bayes Approach to Prediction in a Regression Model', XXVII International Symposium of Forecasting, New York, 24-27 June 2007.

Dr. Amit Kumar Bardhan: XVII Global Symposium on 'Project Management - Business by Projects', New Delhi, 12-14 November 2007.

Dr. Monica Singhania: Attended 15th Global Symposium on 'Business by Projects', Project Management Associates and the Centre for Excellence in Project Management, New Delhi, 13-15 November 2007.

Attended National Budget Conference, FICCI, 5 March 2008.

Attended Budget Conference, Ministry of Finance, 3 March 2008.

Dr. Sunil Sharma: Presented a paper on 'Integration TPM with QMS and EMS: Comparative Case Studies from Automobile Industry', National Conference on Management Science and Practice, Ahmedabad. Also chaired a session of SUN ACP T2, 22-24 March 2008.

Chaired a session on 'Supply Chain Modelling, Optimisation and Simulation', the International Conference on 'Challenges in Supply Chain Management', Institute of Technology, Banaras Hindu University, 28-30 March 2008.

Dr. Debadyuti Das: Presented papers titled 'Development of a Theoretical Framework of Supply Chain Quality Management' and 'Factors influencing the performance measurement of a retail outlet: A supply chain perspective', International Conference on Supply Chain Management, Banaras Hindu University, 28-30 March 2008.

Co-authored and presented a paper titled 'Impact of Supply Chain Management on competitive Advantage and Organisational Performance: A Theoretical framework', 3rd National Conference on MSP, IIM Ahmedabad, March 2008.

Hamendra Kumar Dangi: Presented a paper titled 'Application of Quantitative Technique in Banking Sector', National Conference on Management TRACK-TFIN03, GGSIP University, Delhi 23-24 November 2007.

Prof. Madhu Vij: Attended Seminar and consultations on 'Anti-Money Laundering for Indian Banks', Financial Services Volunteer Corps and The United States Agency for International Development, 21 June 2007.

Publications

Kakkar, S. and Narang, A.S. 2007. 'Recommending a TQM Model for Indian Organisations'. *The TQM Magazine*, Vol. 19 (4).

Singh, K. 2007. '*Counselling Skills for Managers*'. Prentice-hall, New Delhi : India.

Singhania, M. and Singhania, V.K. *Students' Guide to Income-Tax* (38th ed.), New Delhi: Taxmann Publications Pvt. Ltd.

Singhania, M. and Singhania, V.K. *Direct Tax Planning & Management*, (12th ed.), New Delhi: Taxmann Publications Pvt. Ltd.

Research Papers/Articles

Kaur, S. 2007 'Economic Freedom and Economic Growth: An Analysis of BRIC Countries'. *Journal of Business Horizon*,

2007. 'Crises of Retail Trade', in *Pampering Corporates-Pauperizing Masses*. Alternate Economic Survey, India, Daanish Books.

Singh, K. 2007. 'Predicting Organisation Commitment through Organisation Culture: A Study of Automobile Industry in India', *Journal of Business Economics and Management*, Vol. 8 (1), ISSN 1611-99, Germany: North German Academy of Informatology, Stralsund.

2007. 'Developing Future Leaders as Engtrepreneurs: A Case Study of NTPC'. *International Journal of Management and Entrepreneurship*, 3 (1): 19-27, Malaysia: Binary University College, Binary Research Centre.

Sinha, P. and Bansal, A.K. 2008. 'Bayesian Optimisation Analysis with ML II - Contaminated Prior', *Journal of Applied Statistics*, .35: 203-11, UK.

Kapur, P.K., Bardhan, A.K. and Yadavalli, V.S.S. 2007. 'On allocation of resources during testing phase of modular software'. *International Journal of Systems Science*. 38 (6): 493-9.

Kapur, P.K., Goswami, D.N. and Bardhan, A.K. 2007. 'A general software reliability growth model with testing effort dependent learning process'. *International Journal of Modelling and Simulation*, 27(4): doi:10.2316/Journal.205.2007.4.205-4401.

Bardhan, A.K. and Chanda, U. 2007. 'Dynamic Optimal Control Policy in Price and Quality' for High Technology Product'. *Mathematical Programming and Game Theory for Decision Making*, S.K. Neogy' (Platinum Jubilee eds), Delhi : World Scientific, Chapter 13, pp. 201-19.

Kapur, P.K., Goswami, D.N., Bardhan, A.K. and Singh, O. 2008. 'Flexible software reliability growth model with testing effort dependent learning process'. *Applied Mathematical Modelling*, 32:1298-1307.

Singhania, M. 2008. 'Budget Analysis', *The Economic Times*.

2008. 'Metrication of Service Level Agreements for Effective Impact Assessment in the Background Material', Consultancy Congress on 'Outsourcing: Role of Consultants', Consultancy Development Centre, New Delhi.

Das, D. and Mukherjee, K. 2008. 'Development of an AHP-QFD Framework for Designing a Tourism Product', *International Journal of Services and Operations Management*, 4 (3): 321 pp. 44.

Das, D., Mohapatra, P.K.J., Sharma, S.K. and Sarkar, A., 2007. 'Attractiveness of Varanasi as a Tourist Destination: Perspectives of foreign tourists', *International Journal of Tourism Policy*, 1(2) pp. 111-13.

2007. 'Factors influencing the Attractiveness of a Tourist Destination', *Journal of Services Research* 7 (1) pp. 103-34.

2008. 'Xth Developing a Decision Framework of Outsourcing Design', published in the Background Material of Xth Consultancy Congress 'Outsourcing: Role of Consultants', Consultancy Development Centre and FMS.

Dangi, H.K. 2007. 'Location selection for ATM using Analytical Hierchy Process: A Case Study of SBI jointly with Jain, P.K. and Bansal, S., *Amity Business Review*, Vol. 8 (1), pp. 1-7.

SHANTI PRASAD JAIN ADVANCED MANAGEMENT RESEARCH CENTRE (SDC)

Shanti Prasad Jain Advanced Management Research Centre, under the Faculty of Management Studies, was established in 1982 to promote management research and education and training of managers and executives associated with the management discipline.

Professorial Chairs

Three professorial chairs have been instituted by the industry at the Faculty of Management Studies:

- The Amway Corporation
- The Industrial Finance Corporation of India
- Shanti Prasad Jain Chair.

**FACULTY OF INTER-DISCIPLINARY AND
APPLIED SCIENCES
BIOCHEMISTRY (SDC)**

Major Activities

Prof. Debi P. Sarkar : The preclinical studies of Sendai F-virosome mediated liver gene therapy of Jaundice has been completed in collaboration with the Albert Einstein College of Medicine Group, NY, USA. The report of this study has been submitted to NRDC, New Delhi.

Prof. Anil K. Tyagi : On the basis of results obtained from the animal studies, the candidate vaccines against TB developed in Professor Tyagi's laboratory have been recommended for human clinical trials.

Prof. Vijay K. Chaudhary : Chaudhary's group has developed a novel high-density display system based on bacteriophage lambda, which is being used in functional genomics of infectious diseases. He has also developed high throughput cloning, expression and purification system. His group has developed an ELISA based test to detect SARS-CoV. This is based on the detection of N-protein of SARS-CoV with sensitivity of 100pg per ml.

Prof. P.C. Ghosh : Prof. Ghosh has developed a liposomal formulation of monensin, which is very effective in the inhibition of growth of *Plasmodium falciparum in vitro* in culture. He has also developed a formulation of liposomes, which is very effective in the delivery of ricin to tumour cells and killing of tumour cells in combination of monensin.

Ph.D. degrees awarded

Ph.D. - 2

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
A Virtual Centre of Excellence (COE) for co-ordinate research on tuberculosis: Development of alternate strategies.	Prof. Anil K. Tyagi	DBT
Development of a mice model of latent tuberculosis and evaluation of immunotherapeutic potential of DNA vaccine as an adjunct to chemotherapy against tuberculosis.	Prof. Anil K. Tyagi	DBT

Development of reagents for simple and rapid immune chemical test for culture confirmation of <i>Mycobacterium tuberculosis</i> complex.	Prof. Vijay K. Chaudhary	SPAN Diagnostics Ltd.
Structure-function relationship in lupin leghemoglobin pertinent to a new, ubiquitous class of heme proteins with yet unknown physiological function.	Dr. Suman Kundu	DBT
Role of Human ADA3 protein, a binding partner of Human Papilloma Virus (HPV) oncoprotein E6 in Oncogenesis.	Dr. Alo Nag	DBT
Characterization of rhodopsin-mediated phototransduction of <i>Chlamydomonas reinhardtii</i> .	Suneel Kateriya	DBT
Isolation, Expression and Localization of Ion Channel Coupled Rhodopsin of <i>Chlamydomonas reinhardtii</i> .	Suneel Kateriya	DBT

Programmes taken up involving inter-institutional collaboration

Therapy of infectious and chronic diseases: targeted gene delivery and long-term specific modulation of gene expression.	Prof. Debi P. Sarkar	DBT
Centre of Excellence for Research on Hepatitis C virus.	Prof. Debi P. Sarkar	DBT

New Additions

Dr. Suman Kundu	-	Reader
Dr. Alo Nag	-	Reader
Dr. Suneel Kateriya	-	Lecturer

Honours/ Distinction

Professor Debi P. Sarkar : Elected Fellow of the Indian Academy of Sciences, Bangalore, 2007.

Seminars/Conferences Attended

Prof. Debi P. Sarkar: Attended 8th International Conference of Eukaryotic Cell Surface Macromolecules at CCMB, CSIR, Hyderabad, January 2008.

Prof. Anil K. Tyagi: Delivered invited lectures in Symposium on 'Recent Trends in Biotechnology', Aligarh Muslim University, Aligarh, 16 January 2008.

Prof. P.C. Ghosh: Attended Indo-Australia symposium on Multifunctional nanomaterials, nanostructure and application, Department of Physics, Delhi University, 19-21 December 2008.

Suman Kundu: Regulation of ligand binding and stability in leghemoglobins (2008). Anil Kumar, Sheetal Uppal, Komal Chaudhary & Suman Kundu (2nd best poster Award), First DU-SDU Seminar on 'Emerging Trends in Interfacial areas of chemical, biological and environmental sciences', Delhi University' 17-18 March 2008.

Dr. Suneel Kateriya and research group had presented posters at two International Conferences held in India:

- ISCSM 8th 2008
- Indo-Denmark Meeting 2008

Publications

Kohaar, I., Thakur, N., Salhan, S., Batra, S., Singh, V., Sharma, A., Sodhani, P., Das, B.C., Sarkar, Debi P. and Bharadwaj, M. 2007. 'TNFa-308G/A polymorphism as a risk factor for HPV associated cervical cancer in Indian population'. *Cellular Oncology*, **29**: 249-56.

Jain, S., Khare, G., Tripathi, P. and Tyagi, A.K. 2008. 'An inducible system for the identification of target genes for a regulator in mycobacteria'. *American Journal of Biochemistry and Biotechnology*, **4**: 226-30.

Tyagi, A.K., Singh, R. and Gupta, V. 2008. 'Role of Mycobacterial kinases and Phosphatases in Growth and Pathogenesis', in Reyrat, J.M. and Daffe, M. (eds), *The Mycobacterial Cell Envelope*, Washington DC, USA, ASM Press, pp.323-43.

Ahmed, N., Saini, V., Raghuvanshi, S., Khurana, J.P., Tyagi, Akhilesh K., Tyagi, A.K. and Hasnain, S.E. 2007. 'Molecular analysis of a leprosy immunotherapeutic bacillus provides insights into *Mycobacterium* evolution'. *PLoS ONE* 2(10): e968. doi:10.1371/journal.pone.0000968.

Narayan, A., Sachdeva, P., Sharma, K., Saini, A.K., Tyagi, A.K. and Singh, Y. 2007. 'Serine threonine protein kinases of mycobacterial genus: phylogeny to function'. *Physiol. Genomics*, **29**: 66-75.

Rathore, S.S. and Ghosh. P.C. 2008. 'Effect of surface charges and density of distearylamine-mPEG-2000 (DSPE-mPEG-2000) on the cytotoxicity of liposome entrapped ricin: Effect of lysosomotropic agents'. *Int. J. Pharm.* **350**: 79-94.

Germaniuk, K.A., Nag, A, Zhao X, Dimri M, Band H, Band V. 2007. 'Ada3 requirement for HAT recruitment to estrogen receptors and estrogen-dependent breast cancer cell proliferation'. *Cancer Research*, **67**: 11789-97.

Nag, A. Published a research article in a prestigious peer reviewed international journal, 'Cancer Research'.

Ernst, O.P., Sánchez Murcia, P.A., Daldrop, P., Tsunoda, S.P., Kateriya, S., Hegemann, P. 2008. 'Photoactivation of channelrhodopsin'. *J. Biol. Chem.*, 28: 1637-43.

John, R., Bankston, Kevin J. Sampson, Kateriya, S., Ian W. Glaaser, David L. Malito, Wendy K. Chung and Robert S. Kass. 2007. 'A Novel LQT-3 Mutation Disrupts an Inactivation Gate Complex with Distinct Rate-Dependent Phenotypic Consequences. *Channels*'. 1: 273 – 280

Saskia Schröder-Lang, Martin Schwärzel, Reinhard Seifert, Timo Strünker, Kateriya, S., Jens Looser, Masakatsu Watanabe, U. Benjamin Kaupp, Peter Hegemann, Georg Nagel. 2007. 'Fast manipulation of cellular cAMP level by light *in vivo*'. *Nature Methods*. 4: 39-42.

ELECTRONIC SCIENCE (SDC)

Major Activities

The Department has National and International collaborations and several research projects funded by the UGC, CSIR, DST, MIT, AICTE, DRDO, NSF (USA) and JSPS (Japan). Recently, a clean room facility has been set up under the FIST programme of DST, New Delhi. This will help students and faculty members to perform experimental work in a clean environment.

Ph.D. Degrees awarded

Ph.D. - 7

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Solid-state Dye-sensitized Solar Cells based on Nanocrystalline Oxide Semiconductor Films.	Prof. R. M. Mehra	MNRE
Development and Characterisation of DNA based Bio White Polymer Light Emitting Diode by Harvesting Singlet and Triplet Excitons.	Prof. P. K. Bhatnagar	DST
Magneto-Optical manipulation of Spin Dynamics in Quantum Dots of Group II-VI Compound Semiconductor Embedded in Borosilicate Glasses.	Prof. P. K. Bhatnagar	NUS, Singapore under India Initiative Programme

Physics based Modelling, Simulation and Electrical Characterization of a Novel Device Architecture: Silicon on Nothing (SON) MOSFET for Sub-100 nm Device Dimensions.	Prof. R. S. Gupta	DRDO
Two-Dimensional Physics Based Modeling and Simulation of a Graded Channel (GC) Multiple SOI-MOSFET for Sub-100nm Device Dimensions for High Performance Analog Application.	Prof. R. S. Gupta	DRDO
Modelling Simulation & Characterisation of Modified Double Gate Sub-100 nm MOSFET Structure for ULSI Circuit Applications.	Prof. R. S. Gupta	DRDO
Modeling, Simulation & Characterisation of Modified Different Gate Geometric Double Gate High Electron Mobility Transistor for High Power and High Frequency Applications with Two Separate/Common Gate Control.	Dr. Mridula Gupta	DST
Pulsed Laser Deposition and Characterisation of Doped and Undoped Semiconductor metal Oxide Thin Films for Gas Sensing Application.	Prof. A. Kapoor	DST (Indo-Italian)

Programmes taken up involving inter-institutional collaboration

Fabrication of Dye Sensitized Solar Cells using OMS designed Glass Substrates University-Industry Collaborative Project	Prof. R. M. Mehra	M/s. Orion Materials Solutions Private Limited (OMS)
---	-------------------	---

Appointment of faculty member to higher posts/assignments

Professor K. N. Tripathi: Appointed Vice-Chancellor of Bhim Rao Ambedkar University, Agra.

Honours/Distinctions

Prof. R. M. Mehra Expert, Solar (Photovoltaics and Concentrated Solar Power), India-EU Thematic Workshop on Cooperative RTD in New and Renewable Energy Sources, New Delhi, 10-11 March 2008.

Prof. P. K. Bhatnagar: Visited National University of Singapore and carried out scientific discussions regarding quantum dots and collaboration, 1-6 July 2007.

Visited University of Himeji, Japan, under an Indo-Japan programme and worked on Conducting Polymer based Light Emitting Diodes, 15 October 16 November 2007

Prof. R.S.Gupta: Visited Beijing, China, for IEEE-ED meeting 31 May, 4 June, 2007.

Seminar/Conference held

Prof. R. S.Gupta and Dr. Mridula Gupta : Organised IEEE-ED Mini Colloquia and Seminar on 'Compact modelling of advanced MOSFET structures and mixed mode applications'. University of Delhi South Campus, 5-6 January 2008.

Seminars/Conferences attended

Prof. R. M. Mehra: Invited talk in International Conference on 'Advances in Polymer Science & Technology, POLY-2008', New Delhi, 28-31 January 2008.

Prof. A. Kapoor: Invited talk in 3rd International Conference on 'Optoelectronics and Spectroscopy of Nano-structured Thin Films and Materials', Beijing China, 15-19 October 2007.

Prof. E. K. Sharma: Attended XXXIII Optical Society of India Symposium on Optics and Optoelectronic, Tezpur, 18-20 December 2007.

Prof. R.S. Gupta: Attended 11th International Symposium on Microwave and Optical Technology, Rome, Italy, 17-21 December 2007.

Dr. Mridula Gupta: Attended Asia Pacific Microwave Conference (APMC 2007), Bangkok, Thailand, 11-14 December 2007.

Publications

Jain, A. K., Jain. P., Kumar, S. C., Vikram, Kaur, R. and Mehra, R.M. 2007. 'Trap filled limit voltage (VTFL) and V₂ law in space charge limited currents' *Journal of Applied Physics*, 102: 094505(1-5).

Sagar, P., Shishodia, P.K., Mehra. R. M. 2007. 'Photoluminescence and absorption in sol-gel derived ZnO films' *Journal of Luminescence*, 126: 800-6.

Sagar, P., Shishodia, P.K. and Mehra, R.M. 2007. 'Influence of pH value on the quality of sol-gel derived ZnO films' *Applied Surface Science*, 253 : 5419-24.

Jain, A., Sagar, P. and Mehra, R.M. 2007. 'Changes of structural, optical and electrical properties of sol-gel derived ZnO films with their thickness', *Materials Science-Poland*, 25: 233-42

- Sagar, P., Kumar, M. and Mehra, R.M.** 2007. 'Epitaxial growth of zinc oxide thin films on epi-GaN/sapphire (0001) by sol-gel technique'. *Thin Solid Films*, 515: 3330-4.
- Suri, P. and Mehra, R.M.** 2007. 'Effect of electrolytes on the photovoltaic performance of a hybrid dye sensitized ZnO solar cell'. *Solar Energy Materials and Solar Cells*, 91: 518-24.
- Suri, P., Panwar, M. and Mehra, R.M.** 2007. 'Photovoltaic performance of dye-sensitized ZnO solar cell based on Eosin-Y photosensitizer', *Materials Science-Poland*, 25:137-44
- Kumar, N., Kaur, R. and Mehra, R.M.** 2007. 'Photoluminescence studies in sol-gel derived ZnO films'. *Journal of Luminescence*, 126: 784-8.
- Panwar, V., Sachdev, V.K. and Mehra, R.M.** 2007. 'Insulator conductor transition in low-density polyethylene-graphite composites'. *European Polymer Journal*, 43: 573-85.
- Dahiya, H.S., Kishore, N. and Mehra, R.M.** 2007. 'Effect of percolation on electrical and dielectric properties of Acrylonitrile Butadiene Styrene/graphite composite', *Journal of Applied Polymer Science*, 106: 2101-10.
- Srivastava, N.K., Sachdev, V.K. and Mehra, R.M.** 2007. 'Investigation of electrical and dielectric properties of pre-localized graphite/poly vinyl chloride composites near the percolation threshold'. *Journal of Applied Polymer Science*, 104: 2027-33.
- Sharma, S.K., Sagar, P., Gupta, H., Kumar, R. and Mehra, R.M.** 2007. 'Meyer Neldel rule in Se and S-doped hydrogenated amorphous silicon'. *Solid State Electronics*, 51: 1124-28.
- Bhardwaj, P., Shishodia, P.K. and Mehra, R.M.** 2007. 'Photoinduced degradation in electrical properties of normally and obliquely deposited As₂Se₃ thin films'. *Materials Science-Poland*, 25: 69-77.
2007. 'Optical and electrical properties of obliquely deposited a-GeSe₂ films'. *Journal of Material Science*, 42: 1196-1201.
- Singh, R.G., Singh, F., Agarwal, V. and Mehra, R.M.** 2007. 'Photoluminescence studies of ZnO/porous silicon nanocomposites' *J. Phys. D: Appl. Phys.*, 40: 3090- 93.
- Verma, P. Chaturvedi, P., Rawat, J.S., Pal, S. Kumar, M., Pal, S., Bal, M., Rawal, D.S., Harsh, H. Vyas, H.P., Ghosal, P. and Bhatnagar, P.K.** 2007. 'Elimination of current non-uniformity in carbon nanotube field emitters', *J. Mater. Sci.* 18: 677-80.
- Rait, S., Kashyap, S., Bhatnagar, P.K., Mathur, P.C., Sengupta, S.K. and Kumar, J.** 2007. 'Effect of a buffer layer, composition and annealing on the performance of a Bulk Heterojunction polythiophene / fullerene composite photovoltaic device', *Physica E: Low-Dimensional Systems and Nanostructures*, 3 (2) : 191-7.
- Verma, A., Nagpal, S., Pandey, P.K., Bhatnagar, P.K. and Mathur, P.C.** 2007. 'Trap Elimination and Size Dispersion Reduction Due to Aging in CdS_xSe_{1-x} Quantum Dots', *J. Nano. Res.*, 9 (6) : 1125-31.

- Verma, P., Kumar, P., Chaturvedi, P., Rawat, J.S., Pal S., Chaubey, R., Harsh, H., Vyas, H.P. and Bhatnagar, P.K.** 2007. 'Carbon nanotubes tip melting with vacuum breakdown in cold cathode', *J.Vac.Science & Technology B, Microelectronics and Nanostructures*, 25 (5) :1584-7.
- Kazim, S., Zulfequar, M., Haq, M.M., Bhatnagar, P.K. and Husain, M.** 2007, 'Electrical and optical properties of thin films based on poly [2-methoxy-5 (20-ethyl hexyloxy)-1,4-phenylene vinylene] doped with acridine orange dye with possible photovoltaic applications', *Solar Energy Materials & Solar Cells*, 91:1462–6.
- Singh, I., Bhatnagar, P.K., Mathur, P.C. and Bharadwaj, L.M.** 2008. 'Optical Absorption Spectrum of Single Walled Carbon Nanotubes Dispersed in Sodium Cholate and Sodium Dodecyl Sulfate', *J.M.R.*, 23 (3) : 632-8.
- Verma, A., Bhatnagar, P.K., Mathur, P.C., Nagpal, S., Pandey, P.K. and Kumar, P.** 2008. 'Development of Low Size Dispersion, High Volume Fraction and Strong Quantum confined $\text{CdS}_x\text{Se}_{1-x}$ Quantum Dots Embedded in Borosilicate Glass Matrix and Study of their Optical Properties', *Advanced Materials Research*, 31: 161-3.
- Goel, K., Saxena, M., Gupta, M. and Gupta, R.S.** 2007. 'Unified model for physics based modelling of a new device architecture: Triple Material Gate Oxide Stack Epitaxial Channel Profile (TRIMGAS Epi) MOSFET', *Semiconductor Science and Technology*, 22(4) : 435-46.
- Kabra, S., Kaur, H., Haldar, S., Gupta, M. and Gupta, R.S.** 2007. 'Two dimensional subthreshold analysis of sub-micron GaN MESFET', *Microelectronics Journal*, 38 : 547-55.
- Gupta, R., Aggarwal, S.K., Gupta, M. and Gupta, R.S.** 2007. 'Short channel analytical model for high electron mobility transistor to obtain higher cut-off frequency maintaining the reliability of the device', *Journal of Semiconductor Technology and Science*, 7(2) : 120-31.
- Kabra, S., Kaur, H., Haldar, S., Gupta, M, and Gupta, R.S.** 2007. 'A semi-empirical model for admittance and scattering parameters of GaN MESFET for microwave circuit applications', *Microwave and Optical Technology Letters*, 49(10) : 2446-50.
- Kumar, S. P., Aggarwalm A., Chaujarm R., Kabram S., Guptam M, and Gupta, R.S.** 2007. 'Threshold Voltage Model For Small Geometry AlGaIn/GaN HEMTs Based on Analytical Solution of 3-D Poisson's Equation', *Microelectronics Journal*, 38 :1013-20.
- Sehgal, A., Mangla, T., Gupta, M. and Gupta R.S.** 2007. 'Poly-crystalline silicon thin film transistor: a two-dimensional threshold voltage analysis using green's function approach', *Journal of Semiconductor Technology and Science*, 7 (4) : 287–98.
- Kabra, S., Kaur, H., Haldarm, S., Gupta, M. and Gupta, R.S.** 2008. 'Temperature dependent analytical model of sub-micron GaN MESFETs for microwave frequency applications', *Solid State Electronics*, 52 : 25-30.

- Sehgal, A., Mangla, T., Gupta, M. and Gupta, R.S.** 2008. 'Multi-material gate polycrystalline thin film transistors: Modeling and simulation for an improved gate transport efficiency, version 3', *Thin Solid Films*, 516: 2162-70.
- Kasturi, P., Saxena, M., Gupta, M. and Gupta, R.S.** 2008. 'Dual Material Double Layer Gate Stack SON MOSFET: A Novel Architecture for enhanced analog performance – Part I Impact of Gate Metal Workfunction Engineering', *IEEE Transactions on Electron Devices*, 55 (1) : 372-81.
- Kasturi, P., Saxena, M., Gupta, M. and Gupta, R.S.** 2008. 'Dual Material Double Layer Gate Stack SON MOSFET: A Novel Architecture for enhanced analog performance – **Part II** Impact of Gate Dielectric Material Engineering', *IEEE Transactions on Electron Devices*, 55(1) : 382-7.
- Agrawal, R., Agrawal, Anju., Gupta, M. and Gupta, R.S.** 2008. 'Analytical Performance Evaluation of AlGaIn/GaN Metal Insulator Semiconductor Heterostructure Field Effect Transistor (MISHFET) and its Comparison with Conventional HFETs for High Power Microwave Applications', *Microwave and Optical Technology Letters*, 50(2) : 331–8.
- Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S.** 2007. 'An analytical drain current model for graded channel cylindrical/surrounding gate MOSFET', *Microelectronics Journal*, 38 : 352-9.
- Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S.** 2007. 'Two-dimensional analytical model to characterize novel MOSFET architecture: insulated shallow extension MOSFET', *Semiconductor Science and Technology*, 22 : 952-62.
- Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S.** 2007. 'Hot carrier reliability and analog performance investigation of DMG-ISEGaS MOSFET', *IEEE Transactions on Electron Devices*, 54(9) : 2556-61.
- Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S.** 2007. 'Unified subthreshold model for channel engineered sub-100nm advanced MOSFET structures', *IEEE Transactions on Electron Devices*, 54 (9) : 2475-86.
- Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S.** 2007. 'Lateral channel engineered-hetero material insulated shallow extension gate stack (HMISEGAS) MOSFET structure: High performance RF solution for MOS technology', *Semiconductor Science and Technology*, 22 : 1097-103.
- Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S.** 2008. 'An Analytical Threshold Voltage Model for Graded Channel Asymmetric Gate Stack (GCASYMGAS) Surrounding Gate MOSFET', *Solid State Electronics*, 52: 305-11.
- Khandelwal R., Singh A. P., Kapoor A., Grigorescu S., Paola Miglietta, Nadya E Stankova and Alessio P.** 2008. 'Effects of deposition temperature on the structural and morphological properties of thin ZnO films fabricated by pulsed laser deposition', *Optics and Laser Technology*, 40(2) : 247-51.

Singh, U. and Kapoor, A. 2008. 'Single layer Homogeneous model for surface roughness by polarized light scattering', *Optics and Laser Technology*, 40(2): 315-24.

Conference Papers

Srivastava, N.K. and Mehra, R.M. 2008. 'Electrical and Dielectrical Properties of Polystyrene/Graphite Nanosheets Composites Prepared *via insitu* Polymerization Technique', International Conference on 'Advances in Polymer Science & Technology, POLY-2008', New Delhi.

Singh, R.G., Singh, F., Kulariyam, P.K. and Mehra, R.M. 2007. 'Luminescence and structural studies of ZnO/porous silicon nanocomposites films grown using sol-gel technique Advanced Nano Materials' (poster), Indian Institute of Technology Bombay, Mumbai.

Bhatnagar, P.K., Mathur, P.C, Singh, I., Bharadwaj, L.M. and Pandey, P. 2008. 'Study of Photoluminescence Quenching and DC Conductivity Measurements in Polymer-SWNT Composite Films for Various SWNT Concentrations', IEEE NEC, Shanghai, CHINA.

Mathur, P.C., Bhatnagar, P.K., Singh, I., Bharadwaj, L.M. and Pandey, R. 2008. 'Optical Characterization of Single Walled Carbon Nanotubes Dispersed in Sodium Cholate and Sodium Dodecyl Sulfate', IEEE NEC, Shanghai CHINA.

Sehgal, A., Mangla, T., Gupta, M. and Gupta, R.S. 2007. 'Physics based threshold voltage extraction and simulation for double-gate sub-100 nm MOSFETs', International Conference on Materials for Advanced Technologies 2007 (ICMAT 2007), Singapore.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta R.S. 2007. 'RF-Distortion in Sub-100nm L-DUMGAC MOSFET', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), 16-20 December, Mumbai, 2007.

2007. 'Two-dimensional analytical threshold voltage model for nanoscale SG-Concave MOSFET in sub-50nm regime, 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), 16-20 December, Mumbai, 2007.

Kumar, S.P., Chaujar, R., Gupta, M. and Gupta, R.S. 2007. 'Three-Dimensional analytical modelling and simulation of fully depleted AlGa_N/Ga_N modulation doped field effect transistor', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), 16-20 December, Mumbai, 2007.

Aggarwal, R., Agrawal, A., Gupta, M. and Gupta R.S. 2007. 'Influence of physical parameters & piezoelectric polarization on charge control characteristics of Si₃N₄/AlGa_N/Ga_N metal insulator semiconductor heterostructure field effect transistor (MISHFET)', 19th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), 16-20 December, Mumbai, 2007.

Sharma, R. Kumar, S. Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'A 2-D analytical subthreshold model for gate misalignment effect on graded channel DG FD SOI n-MOSFET', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), 16-20 December, Mumbai, 2007.

Kabra, S., Kaur, H., Haldar, S., Gupta, M. and Gupta R.S. 2007. 'An analytical model for admittance parameters of GaN MESFET for microwave circuit applications', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), 16-20 December, Mumbai, 2007.

Kumar, S.P., Chaujar, R., Gupta, M. and Gupta, R.S. 2007. 'Analytical Modelling and Simulation of Potential and Electric Field Distribution in Dual Material Gate HEMT For Suppressed Short Channel Effects', 14th Asia Pacific Microwave Conference (APMC-2007), 11-14 December, Bangkok, Thailand, 2007.

Aggarwal, R., Aggrawal, A., Gupta, M. and Gupta, R.S. 2007. 'An analytical drain current model for AlGa_N/Ga_N metal insulator semiconductor heterostructure field effect transistor (MISHFET): A comparative study with conventional HFETs for high power microwave applications', 19th Asia Pacific Microwave Conference (APMC-2007), 11-14 December, Bangkok, Thailand, 2007.

Gangwani, P., Kaur, R., Pandey, S. Haldar, S., Gupta, M., Gupta, R.S. 2007. 'Two-Dimensional Simulation of C-V Characteristics of Deep Submicron AlGa_{1-m}N/Ga_N HEMT for Microwave Applications', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, 17-21 December, Italy, 2007.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M., Gupta R.S. 2007. 'Pre-Distortion Linearity Enhancement for Sub-50nm Gate Electrode Workfunction Engineered Recessed Channel (GEWE-RC) MOSFET', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.

Kabra, S., Kaur, H., Haldar, S., Gupta, M. and Gupta, R.S. 2007. An 'Analytical 2-Dimensional Subthreshold Model for Drain Induced Barrier Lowering Effect in Sub-Micron Ga_N MESFET', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.

Kumar, S. P., Agrawal, A., Chaujar, R., Kabra, S., Gupta, M. and Gupta R.S. 2007. 'Analytical Modelling and Simulation of Small Geometry AlGa_N/Ga_N HEMTs', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.

Aggarwal, R., Agrawal, A., Gupta, M. and Gupta, R.S. 2007. 'Impact of Innovative Gate Insulator Geometries and Their Thickness Scaling on the Device Performance of AlGa_N/Ga_N MISHFET for Microwave Applications', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.

Sharma, R. Kumar, S. Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'Scrutinize the gate misalignment effects in graded channel DG FD SOI n-MOSFET', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.

Kumar, S. P., Agrawal, A., Chaujar, R., Gupta, M. and Gupta, R.S. 2007. 'Two-Dimensional Analytical Sub-Threshold Modeling and Simulation of Gate Material Engineered HEMT For Enhanced Carrier Transport Efficiency', International Semiconductor Device Research Symposium (ISDRS-2007), USA, 12-14 Maryland, December, 2007.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'On-State and Switching Performance Investigation of Sub-50nm L-DUMGAC MOSFET Design for High Speed Logic Applications', International Semiconductor Device Research Symposium (ISDRS-2007), Maryland, USA, 12-14 December, 2007.

Parvesh, Kaur, R., Pandey, S., Haldar, S., Gupta, M. and Gupta, R.S. 2007. Two-Dimensional simulation and characterization of deep-submicron AlGaIn/GaN HEMTs for high frequency applications', International Semiconductor Device Research Symposium (ISDRS-2007), Maryland, USA, 12-14 December, 2007.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2008. 'Two-Dimensional Analytical Modeling and Simulation of Rectangular Gate Recessed Channel (RG-RC) Nanoscale MOSFET in Sub-50nm Regime, Indo-Australian Symposium on Multifunctional Nanomaterials, Nanostructures and Applications (MNNA 2007), pp.110, 19-21 December, New Delhi, India, 2007.

Kasturi, P., Saxena, M., Gupta, M. and Gupta, R.S. 2008. 'Modelling and 2-D Simulation of Nanoscale SON MOSFET', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications', New Delhi, India, 5-6 January, 2008.

2008. 'Performance Advantage of Air as Buried Dielectric in Sub-100 nm Silicon-on-Nothing (SON) MOSFET with Gate Stack Architecture', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, 5-6 January, New Delhi, India, 2008.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2008. 'Sub-Threshold Drain Current Performance Assessment of MLGEWE-RC MOSFET for CMOS Technology', Mini-Colloquia on Compact Modeling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi, India, 5-6 January, 2008.

2008. 'RF Performance Assessment of L-DUMGAC MOSFET for Future CMOS Technology in GigaHertz Regime', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi, India, 5-6 January, 2008.

Kumar, S.P., Agrawal, A., Chaujar, R., Gupta, M. and Gupta, R.S. 2008. 'Impact of GME Design on Nanometer HEMT Capacitances and its Influence on Device RF Performance', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi, India, 5-6 January, 2008.

2008. 'Nanoscale HEMT with GME Design for High Performance Analog Applications', Mini-Colloquia on Compact Modeling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi, India, 5-6 January, 2008.

Parvesh, Kaur, R., Pandey, S., Haldar, S., Gupta, M. and Gupta, R.S. 2008. 'Modelling of nitride based Hetrojunction Transistors for RF Applications', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi, India, 5-6 January, 2008.

2008. 'Temperature Dependent Analytical Model of AlGa_N/Ga_N HEMT, Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi, India, 5-6 January, 2008.

Aggarwal, R., Aggarwal, A., Gupta, M. and Gupta, R.S. 2008. 'High Temperature Modeling of AlGa_N/Ga_N MISHFET and Its Relative Comparison with Conventional HFET for Microwave, Power and Switching Applications, Mini-Colloquia on Compact Modeling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi, India, 5-6 January, 2008.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2008. 'TCAD Investigation of Hot Carrier Reliability Issues Associated with GEWE-RC MOSFET', IEEE International Nanoelectronics Conference (INEC-2008), Shanghai, China, 24-27 March, 2008.

2007, 'Nanoscale insulated shallow extension MOSFET with dual material gate for high performance analog operations', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007). 16-20 December, Mumbai.

2007. 'Performance consideration of a novel arachitecture: ISEGa_S deca-nanometer MOSFET', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), Mumbai, 16-20 December.

Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S. 2007. 'Laterally asymmetric channel gate stack (LACGAS) SGT: A new structural concept for improved device performance', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), Mumbai, 16-20 December, 2007.

Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S. 2007. 'A two-dimensional analytical model for I-V characteristics for graded channel surrounding gate (GC SGT) MOSFET', 14th International Workshop on the Physics of Semiconductor Devices (IWPSD-2007), Mumbai, 16-20 December, 2007.

Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S. 2007. 'Asymmetric gate stack surrounding gate transistor (ASYMGAS SGT): 2-D analytical threshold voltage model', 19th Asia Pacific Microwave Conference (APMC-2007), Thailand, 11-14 December, 2007, Bangkok.

Kaur, R., Chaujar, R., Saxena, M., Gupta, R.S. 2007. 'Electrical Characterisation of Insulated Shallow Extension (ISE) MOSFET: A Punchthrough Stopper', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.

Kaur, H., Kabra, S., Haldar, S., Gupta, R.S. 2007. 'An Analytical Model for Graded Channel Asymmetric Gate Stack Surrounding Gate MOSFET (GCASYMGAS SGT)', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.

- Gupta, R.S., Saxena, M. and Kasturi, P.** 2007. 'A TCAD study of Sub-100 nm Advance Gate Electrode Workfunction Engineered SON-MOSFET', 11th International Symposium on Microwave and Optical Technology (ISMOT-2007), Villa Mondragone, Monte Porzio Catone, Italy, 17-21 December 2007.
- Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S.** 2007. 'Impact of Laterally A symmetric Channel and Gate Stack Architecture on Device Performance of Surrounding Gate MOSFET: A Simulation Study', International Semiconductor Device Research Symposium (ISDRS-2007), Maryland, USA.
- Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S.** 2007. 'Dual Material Gate (DMG) SOI-MOSFET with Dielectric Pockets: Innovative Sub-50 nm design for improved switching performance', Indo-Australian Symposium on Multifunctional Nanomaterials, Nanostructures and Applications (MNNA 2007), New Delhi, pp.109.
- Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S.** 2008. 'TCAD Investigation of a Novel MOSFET Architecture of DMG ISE SON MOSFET for ULSI Era', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi.
- Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S.** 2008. 'Impact of Gate Stack Architecture on Device Characteristics of Surrounding Gate MOSFETs', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi.
- Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S.** 2008. 'Modeling and Simulation of Graded Channel Asymmetric Gate Stack (GCASYMGAS) Surrounding Gate MOSFET', Mini-Colloquia on Compact Modelling of Advance MOSFET Structures and Mixed Mode Applications, New Delhi.
- Kaur, R., Chaujar, R. Saxena, M. and Gupta, R.S.** 2008. 'Nanoscale Analytical Modelling and TCAD Simulation SDPI MOSFET', IEEE International Nanoelectronics Conference (INEC-2008), Shanghai, China.
- Kapoor, A., Singh, R. and Sharma, E.K.** 2007. 'Estimation of Amplified Spontaneous Emission in Erbium Doped Fiber with Long Period Grating written in it', 2nd Forum of Japan-Indo Collaboration Project on Infrastructural Communication Technologies Supporting Fully Ubiquitous Information Society, Fukuoka, Japan.
- Kapoor, A., Jain, G. and Sharma, E.K.** 2007. 'Er-Linbo 3Waveguide: Simplified Gain Calculations for Dwdm Application', Japan-Indo Workshop on Microwaves, Photonics and Communication Systems, Fukuoka, Japan.
- Singh, R.G., Singh, F. and Mehra, R.M.** 2007. 'Modification of structural and photoluminescence properties of ZnO-porous silicon nanocomposites by SHI irradiation', Proceedings of 52nd DAE Solid State Physics Symposium, Department of Studies in Physics, University of Mysore Manasagangotri, Mysore, p. 959.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'New concave MOSFET with transverse dual material gate (T-DMG) in sub-50nm regime: A simulation study', Indian Microelectronics Society Conference, 2007, Punjab Engineering College, Chandigarh.

Parvesh, Pandey, S., Haldar, S., Gupta, M. and Gupta, R.S. 2007. 'Modelling issues of heterojunction transistor for very large scale integrated (VLSI) applications', Indian Microelectronics Society Conference, 2007, Punjab Engineering College, Chandigarh.

Sharma, R.K., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'A 2-D analytical model for gate misalignment effects on graded channel DG FD SOI n-MOSFET', Indian Microelectronics Society Conference, Punjab Engineering College, Chandigarh.

Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S. 2007. 'Effect of transport property the performance of insulated shallow extension gate stack (ISEGaS) MOSFET', Indian Microelectronics Society Conference, 2007, Punjab Engineering College, Chandigarh.

Kaur, H., Kabra, S., Haldar, S. and Gupta, R.S. 2007. 'Graded channel (CG) design in surrounding gate MOSFET (SGT) for improving short channel and hot carrier performance', Indian Microelectronics Society Conference, Punjab Engineering College, Chandigarh.

Singh, R., Patra, K. and Sharma, E.K. 2007. 'Characterization of Long Period Grating with Coupling from the Core Mode to Multiple Cladding Modes', 3rd Forum of Japan-Indo Collaboration Project on Infrastructural Communication Technologies Supporting Fully Ubiquitous Information Society, New Delhi.

Sharma, E.K. Singh, R. and Kapoor, A. 2007. 'Long Period Gratings: Design and Applications' (invited talk), XXXIIIth Optical Society of India.

Symposium on Optics and Optoelectronics will be organized by Tezpur University.

GENETICS (SDC)

Major Activities

The research activities of the Department are of a varied nature, covering the frontier areas of Genetics. **Prof. Sheela Srivastava's** lab has been investigating plant-microbe interactions in terms of plant growth promotion. In this context, phytohormone IAA biosynthesis in *Azospirillum brasilense* SM and *Pseudomonas fluorescens* Psd has been studied. In strain SM, the major gene, *ipdC* has been cloned and functionally characterised along with its regulation. The potential agronomic importance and fairly broad host range has been further extended by genetic modification to operate an additional IAA biosynthetic pathway. The plant growth responses, including plant-bacterial association have been characterised in detail. Another study deals with a peptide antibiotic that has been isolated, purified and characterised from a lactic acid bacterium. This study has provided some important leads for further development of this peptide for future applications. **Prof. D. Pental's** and **Prof. A.K. Pradhan's** labs are involved in molecular mapping and marker-assisted breeding pertaining to yield, quality and disease resistance in oilseed mustard.

Hybrids based on conventional and transgenic male sterility systems have been developed. The construction of comparative map and mapping as well as tagging of genes in glucosinolate biosynthesis is being carried out. Future work aims at tagging other important genes for oil quality and yield, and development of an integrative molecular map in mustard. The main aim of **Prof. M.V.Rajam's** research is to develop transgenic tomato and cotton plants for disease, insect and nematode resistance through plant RNAi-mediated silencing of vital genes of pathogens and pests. Besides, virus resistant sweet orange transgenics and male sterile transgenic tomato are being developed by using RNAi. Targeting of fungal polyamine biosynthesis gene by siRNA for control of fungal growth, and development of marker-free transgenic tomato plants for stress tolerance are some of the significant achievements. Human genetics and medical genomics is the main area of interest in **Prof. B.K. Thelma's** lab. Understanding the genetic susceptibility to diabetic nephropathy and sporadic Parkinson's disease; demonstration of allelic heterogeneity in NOD2/CARD15 gene and predisposition to ulcerative Colitis; interactive contribution of receptor and transporter genes to efficacy of Methotrexate among rheumatoid arthritis patients, a finding with pharmacogenetic implications, are some of the major achievements. The research interests of **Dr. P.K. Burma's** group is to analyse ways and means of enhancing and stabilizing expression of transgenes in plants by modulation of post-transcriptional events. Currently, testing the strengths of several plant promoters for their use in developing transgenics in cotton. **Dr. S. Sarkar's** research primarily focusses on harnessing the power of *Drosophila* genetics to address some basic questions in developmental biology and for exploring the cellular and developmental basis of some fatal human diseases and aging process. The main focus of **Dr. Kaur's** lab is to understand plant-pathogen interactions. Towards this goal, *Arabidopsis thaliana*-*Alternaria brassicae* phyto-pathosystem is used as a model at the molecular genetic level. The defence pathways involved will be dissected to determine plant genes responsible for susceptibility and resistance to the pathogen.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	8
M.Phil.	-	1

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Bacteriocin production by <i>Lactobacillus plantarum</i> LR/14 purification and characterisation.	Prof. Sheela Srivastava	DBT
Purification and application of a bacteriocin produced by an environmental isolate of <i>Lactobacillus plantarum</i> LR/14	Prof. Sheela Srivastava	CSIR

Genetic evaluation of multiple biocontrol properties and their interactions in rhizospheric isolates of <i>P. fluorescens</i> .	Prof. Sheela Srivastava	DST
Metagenomic approach to mine environmental bacteria – Search for an efficient antimicrobial function and its implications.	Prof. Sheela Srivastava	DBT
Molecular mapping, tagging and development of high throughput DNA markers for some agronomically important traits in <i>Brassica juncea</i> .	Prof. A.K. Pradhan	DBT
Tagging and marker-assisted transfer of low glucosinolate traits in <i>Brassica</i> .	Prof. A.K. Pradhan	DBT
Development of efficient plant regeneration and agrobacterium-mediated genetic transformation protocols for citrus sp. and production of citrus transgenics for virus resistance.	Prof. M.V. Rajam	DBT
Targeting polymine biosynthesis gene (Ornithine decarboxylase) of insect pests by RNAi strategy for resistance in transgenic tomatoes.	Prof. M.V. Rajam	Delhi University
Gene pyramiding in transgenic tomato for disease resistance.	Prof. M.V. Rajam	DST
An exploratory analysis of genetic correlates and effects of Yoga on circadian rhythms, cognitive functions and social burden in major mental disorders, schizophrenia, bipolar disorder and depression and their comparison with a cardiac group.	Prof. B.K. Thelma (Co-PI)	Ministry of Ayush

Pharmacogenetics of adverse drug reaction, role of drug metabolizing enzymes and VKORC1 polymorphisms in reducing drug toxicity due to antitubercular drugs and warfarin.	Prof. B.K. Thelma (Co-I)	DBT
Development and analysis of cotton transgenics for resistance to insect pests (Bollworm complex).	Dr. P.K. Burma	
<i>Programmes taken up involving Inter-institutional Collaboration</i>		
Tagging and marker-assisted transfer of low glucosinolate trait in <i>Brassica juncea</i> .	Prof. D. Pental Prof. A.K. Pradhan	DBT
Development of sweet orange transgenic plants for virus resistance.	Prof. M.V. Rajam	DBT
Analysis of fruit characteristics, expression profile of ripening genes and limited contained field trials of tomato transgenics expressing polyamine biosynthesis genes during fruit development.	Prof. M.V. Rajam	DBT
Targeting of insect polyamine biosynthesis by plant-mediated RNAi for inducing insect resistance in transgenic tomatoes.	Prof. M.V. Rajam	Delhi University
Identification of novel gene(s) for familial Parkinson's disease.	Prof. B.K. Thelma	DBT
An integrated approach for mutation analysis and identification of new gene(s) for X-Linked mental retardation.	Prof. B.K. Thelma	DBT
Methotrexate in rheumatoid arthritis: Pharmacogenetics and clinico-immunological correlates.	Prof. B.K. Thelma (Co-PI)	DBT

Genetic susceptibility to rheumatoid arthritis using a novel combination of Prakriti based case-control selection and Molecular analysis tools.	Prof. B. K. Thelma (Co-PI)	Ministry of Ayush
An exploratory analysis of genetic correlates and effects of Yoga on circadian rhythms, cognitive functions and social burden in major mental disorders, schizophrenia, bipolar disorder and depression and their comparison with a cardiac group.	Prof. B. K. Thelma (Co-PI)	Ministry of Ayush
Pharmacogenetics of adverse drug reaction: Role of drug metabolizing enzymes and VKORC1 polymorphisms in reducing drug toxicity due to antitubercular drugs and Warfarin.	Prof. B. K. Thelma (Co-I)	DBT
Development and analysis of cotton transgenics for resistance to insect pests (Bollworm complex).	Dr. P.K. Burma	DBT

New Additions

Dr. Surajit Sarkar - Lecturer

Dr. (Ms.) Jagreet Kaur - Lecturer

Honours/Distinctions

M.V. Rajam: Fellow of The National Academy of Sciences, India.

Associate Editor, *Physiology and Molecular Biology of Plants*, Springer.

Seminar/Conference held

Prof. Thelma and Dr. A. Anand: Jointly organised JNCASR, Department of Biotechnology, Bangalore, International Symposium on 'Trends in Human Genetics', Puri, Orissa, 20-22 August 2007.

Seminars/Conferences attended

Prof. S. Srivastava: International Conference on Rhizosphere 2, INRA SupAgro, Montpellier, France, August-September 2007.

Chaired a session on Genetic dissection of phytohormone, IAA biosynthesis by *Azospirillum brasilense* SM.

Prof. S. Srivastava and Prof. M.V. Rajam: International Conference on Trends in Cellular and Molecular Biology, Jawaharlal Nehru University, New Delhi, January 2008.

Dr. J. Kaur: 13th International Congress on Molecular Plant-Microbe Interactions, (Sorrento, Italy), 2007.

Prof. M.V. Rajam: Indo-French Conference on RNAi in Genome Control, CCMB, Hyderabad, 12-14 December 2007.

International Symposium on 'Applied Phycology and Environmental Biotechnology', BITS, Pilani, 29-31 October 2007.

International Symposium on 'Trends in Human Genetics', Toshali Sands, Puri, Orissa, 20-22 August 2007.

29th Annual Meeting of Plant Tissue Culture Association (India) and National Symposium on 'Plant Biotechnology for Conservation, Characterization and Crop Improvement', Mohanlal Sukhadia University, Udaipur, 8-10 February 2008.

National Seminar on 'Food Biotechnology: Present Scenario'. MCM DAV College for Women, Chandigarh, 9-10 January 2008.

77th Annual Session of The National Academy of Sciences, India, and National Symposium on 'Food Technology', CFTRI, Mysore, 7-9 December 2007.

Seminar on 'Development of GM Rice in India and China', Barwale Foundation, IARI, New Delhi, 26 October 2007.

Dr. P.K. Burma: Discussion meeting on 'Phenotypic and developmental plasticity' jointly organised by IAS, Bangalore, JNCAR, Bangalore, and Rajiv Gandhi Centre for Biotechnology, Trivandrum, Estuary Island, Trivandrum, 16-20 December 2007.

Dr. S. Sarkar: 31st All India Cell Biology Conference and Symposium on 'Stem Cell: Applications and Prospects'-2007, Department of Zoology, Banaras Hindu University, Varanasi.

Publications

Research Articles

Ray, K., Bisht, N.C., Pental, D. and Burma, P.K. 2007. 'Development of *barnase/barstar* transgenics for hybrid seed production in Indian oilseed mustard (*Brassica juncea*). Czern & Coss) using a mutant acetolactate synthase gene conferring resistance to imidazolinone-based herbicide 'Pursuit'. *Curr. Sci.* 93: 1390-6.

- Bhullar, S., Datta, S., Advani, S., Chakravarthy, S., Gautam, T., Pental, D. and Burma, P.K. 2007.** 'Functional analysis of cauliflower mosaic virus 35S promoter: re-evaluation of the role of subdomains B5, B4 and B2 in promoter activity'. *J. Plant Biotechnol.*, 5: 696-708.
- Arumugam, N., Gupta, V., Jagannath, A., Mukhopadhyay, A., Pradhan, A.K., Burma, P.K. and Pental, D. 2007.** 'A passage through in vitro culture leads to efficient production of marker-free transgenic plants in *Brassica juncea* using Cre-loxP system'. *Transgenic Res.*, 16:703-12.
- Bisht, N.C., Jagannath, A., Burma, P.K., Pradhan, A.K. and Pental, D. 2007.** 'Retransformation of a male sterile *barnase* line with the *barstar* gene as an efficient alternative method to identify male sterile-restorer combinations for heterosis breeding'. *Plant Cell Rep.*, 26:727-33.
- Panjabi, P., Jagannath, A., Bisht, N.C., Lakshmi Padmaja, K., Sharma, S., Gupta, V., Pradhan A.K. and Pental, D. 2008.** 'Comparative mapping of *Brassica juncea* and *Arabidopsis thaliana* using Intron Polymorphism (IP) markers: homeologous relationships, diversification and evolution of the A, B and C Brassica genomes'. *BMC Genomics*, 9:113.
- Ramchiary, N., Bisht, N.C., Gupta, V., Mukhopadhyay, A., Arumugam, A., Sodhi, Y.S., Pental, D. and Pradhan, A.K. 2007.** 'QTL analysis reveals context dependent loci for seed glucosinolate trait in the oilseed *Brassica juncea*: Importance of Recurrent Selection Backcross scheme for the identification of 'true' QTL'. *Theor. Appl. Genet.*, 116: 77-85.
- Ramchiary, N., Padmaja, K.L., Sharma, S., Gupta, V., Sodhi, Y.S., Mukhopadhyay, A., Arumugam, N., Pental, D. and Pradhan, A.K. 2007.** 'Mapping of yield influencing QTL in *Brassica juncea*: Implications for breeding of a major oilseed crop of dryland areas'. *Theor. Appl. Genet.*, 115:807-17.
- Khatri, M. and Rajam, M.V. 2007.** 'Targeting polyamines of *Aspergillus nidulans* by siRNA specific to fungal ornithine decarboxylase gene'. *Med. Mycol.*, 45: 211-20.
- Prabhavathi, V. and Rajam, M.V. 2007.** 'Mannitol accumulating transgenic eggplants exhibit enhanced resistance to fungal wilts'. *Plant Sci.*, 173: 50-4.
2007. 'Polyamine accumulation in transgenic eggplant enhances tolerance to multiple abiotic stresses and fungal resistance'. *Plant Biotechnol.*, 24: 273-82.
- Rajam, M.V., Chandola, N., Saiprasad Goud, P., Singh, D., Kashyap, V., Choudhary, M.L. and Sihachakr, D. 2007.** 'Thaumatococcus gene confers resistance to fungal pathogens as well as tolerance to abiotic stresses in transgenic tobacco plants'. *Biol. Plant.*, 51: 135-41.
- Kumar, S.V. and Rajam, M.V. 2007.** 'Induction of *Agrobacterium tumefaciens vir* genes by the green alga – *Chlamydomonas reinhardtii*'. *Curr. Sci.*, 92: 1727-9.
- Pujni, D., Chaudhary, A. and Rajam, M.V. 2007.** 'Increased tolerance to salinity and drought in transgenic indica rice by mannitol accumulation'. *J. Plant Biochem. Biotechnol.*, 16: 1-7.

- Madhulatha, P., Pandey, R., Hazarika, P. and Rajam, M.V. 2007.** 'High transformation frequency in *Agrobacterium*-mediated genetic transformation of tomato by using polyamines and maltose in shoot regeneration medium'. *Physiol. Mol. Biol. Plants*, 13: 191-8.
- Rajam, M.V., Madhulatha, P., Pandey, R., Hazarika, P.J. and Razdan, M.K. 2007.** 'Applications of genetic engineering in tomato'. In *Genetic Improvement of Solanaceae Crops*, Vol. 2, *Tomato*, (eds) Razdan, M.K. and Mattoo, A.K., Science Publishers, Inc., Enfield, pp. 285-311.
- Rajam, M.V. and Kumar, S.V. 2007.** 'Eggplant biotechnology'. In *Biotechnology in Agriculture and Forestry* (Series eds. T. Nagata, H. Lorz and J.M. Widholm) *Tropical Crops II*, (eds.) Pua, E.C. and Davey, M.R. Heidelberg, Springer, pp. 201-19.
- Bhattacharya, E. and Rajam, M.V. 2007.** 'Polyamine biosynthetic pathway: A potential target for enhancing alkaloid production'. In *Applications of Plant Metabolic Engineering* (eds) Verpoorte, R., Alfermann, A.W. and Johnson, T.S., Springer, AA Dordrecht, pp. 129-43.
- Sarkar, S. and Lakhotia, S.C. 2008.** '*Hsp60C* is required in follicle as well as germline cells during oogenesis in *Drosophila melanogaster*'. *Develop. Dynamics* (published online before print), DOI: 10.1002/dvdy.21524).
- Tiwari, S.K. and Srivastava, S. 2008.** 'Purification and characterization of a novel two-peptide bacteriocin from natural isolate of *Lactobacillus plantarum* LR/14.' *Appl. Microbiol. Biotechnol.*, DOI: 10.1007/s00253-008-1482-6.
- Malhotra, M. and Srivastava, S. 2008.** 'Organisation of the *ipdC* region regulates IAA levels in different *Azospirillum brasilense* strains: Molecular and functional analysis of *ipdC* in strain SM. Environ'. *Microbiol.*, 10: 1365-73.
2008. 'An *ipdC* gene knock-out of *Azospirillum brasilense* strain SM and its implications on indole-3-acetic acid biosynthesis and plant growth promotion'. *Antonie Van Leeuwenhoek*, 93: 425-33.
- Tiwari, S.K. and Srivastava, S. 2008.** 'Statistical optimization of bacteriocin production by natural isolate of *Lactobacillus plantarum* LR/14'. *Food Biotechnol.*, 22: 64 -77.
- Tripathi, P. and Srivastava, S. 2007.** 'Development and Characterization of nickel accumulating mutants of *Aspergillus nidulans*'. *Ind. J. Microbiol.*, 47: 241-50.
2007. 'Mechanism to combat cobalt toxicity in cobalt resistant mutants of *Aspergillus nidulans*'. *Ind. J. Microbiol.*, 47: 336-44.
- Juyal, G., Devendra, A., Midha, V., Sood, A., Seidman, E. and Thelma, B.K. 2007.** 'Evidence of allelic heterogeneity for associations between NOD2/CARD15 gene and Ulcerative Colitis among North Indians'. *Alimentary Pharmacol. Therapeutics*, 26: 1325-32.
- Prasad, P. and Thelma, B.K. 2007.** 'Normative genetic profiles of some commonly investigated polymorphisms in candidate genes from north Indian and south Indian population'. *Human Biol.*, 79: 241-54.

Prasad, P., Tiwari, A.K., Prasanna Kumar, K.M., Ammini, A.C., Gupta, A., Gupta, R. and Thelma, B.K. 2007. 'Role of TGF β 1, TNF α , CCR2 and CCR5 gene polymorphisms in type-2 diabetes and renal insufficiency among Asian Indians'. *BMC Med. Genet.*, 8: 20.

Thelma, B.K., Tiwari, A.K., Deshpande, S.N., Lerer, B. and Nimgaonkar, V.L. 2007. 'Genetic susceptibility to Tardive Dyskinesia in chronic schizophrenia subjects: Role of oxidative stress pathway genes'. *Schizophr. Res.*, 92: 278-9.

2007. 'Genetic susceptibility to Tardive Dyskinesia in chronic schizophrenia subjects: V. Association of CYP1A2 1545 C>T polymorphism with Tardive Dyskinesia'. *The Pharmacogenomics J.*, 7: 305-11.

MICROBIOLOGY (SDC)

Major Activities

The bench scale process for xylanase, lactase and protease production in submerged and solid state fermentations have been developed. The processes are being developed for bioconversion of wheat straw into improved animal feed and ethanol production from plant materials.

Investigation on the structure-function aspect of α -amylase of *Geobacillus thermoleovorans* using CD spectroscopy and fluorescence spectrometry suggested that alpha-helix plays a critical role in catalysis. Based on *in silico* analysis, 3-D structure of phytase of *Pichia anomala* has been proposed using *Debaryomyces castellii* phytase as template. The cell biomass permeabilized with Triton X-100 exhibited enhanced phytase activity. The permeabilized cells could be immobilised in alginate beads, and these beads could be used in four cycles for dephytinization of soymilk. A bacterial isolate (identified as *Bacillus acidicola*) has been shown to secrete acidic and Ca²⁺ α -amylase in submerged and solid state fermentations. The carbonic anhydrase of *Bacillus pumilus* catalyzed formation of calcium carbonate from CO₂-saturated calcium chloride solution. Heterotrophic carbon fixation has been shown to play an important role in lysine production by *Corynebacterium glutamicum*. Thermophilic mould *Myceliophthora thermophila* has been shown to produce chitinase and chitin deacetylase.

Based on the observations on solvent mediated modulation of fatty acid selectivity and chiral specificity, a process for obtaining high yields of erucic acid during mustard oil hydrolysis has been developed using lipase of *Trichosporon asahii*. An extracellular gamma glutamyl transpeptidase was purified and characterised from *Bacillus licheniformis* during our studies on feather degradation. Its interaction with keratinase enhanced keratinolysis.

The distribution of fourteen virulence-associated genes, viz. *inv*, *ail*, *vir F*, *ystA*, *ystB*, *ystC*, *myfA*, *tccC*, *hreP*, *fepA*, *fepD*, *fes*, *ymoA* and *sat* was studied in 81 strains of *Yersinia enterocolitica* by PCR amplification and sequencing. The distribution of these genes was found to vary among clonal groups A and B identified by REP/ERIC-PCR genotyping.

Some of the genes have been cloned that encode orthologs of known eukaryotic proteins in *Leishmania*. These have been sequenced to verify their authenticity. One of the proteins is being biochemically characterised.

Ten toxin-antitoxin loci of *Mycobacterium tuberculosis* have been cloned in newly designed *E. coli* expression vectors and the encoded proteins have been purified. Specific antibodies to these proteins have also been made.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	5
M.Phil.	-	2

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Conversion of cellulose and hemicellulose into sugars and ethanol.	Prof. R. C. Kuhad	CSIR-NMITLI
Process development for ethanol production from Lignocellulosic biomass.	Prof. R. C. Kuhad	DBT
Technology Business Incubator (T.B.I.).	Prof. R.K. Saxena	DST
Recovery and expression of thermo-alkali-stable xylanase genes metagenomic approaches.	T. Satyanarayana	DBT
Novel lipases from yeast strains isolated from petroleum sludge: Lipase production, purification and characterisation with respect to their catalytic utility.	Dr. Rani Gupta	CSIR
Biosurfactant from newly isolated yeasts strains: Fermentation, downstream processing, characterization and its application.	Dr. Rani Gupta	DBT
Relationship between virulence and immune response to clinical and non-clinical strains of <i>Yersinia enterocolitica</i> isolated from India.	Dr. J.S. Viridi	ICMR
Identification and characterisation of proteins involved in DNA replication in <i>Leishmania major</i> .	Dr. Swati Saha	DBT

Programmes taken up involving Inter-institutional Collaboration

Process development for Ethanol production from lignocellulosic biomass.	Prof. R. C. Kuhad Dr. P.K. Rao Chawdhary I.I.T. Delhi Dr. L.V. Rao Osmania Univ., Hyderabad Dr. Ahmad Kamal I.I.C.T. Hyderabad.	DBT
Conversion of cellulose and hemicellulose into sugars and ethanol.	Prof. R. C. Kuhad Dr. Mala Rao NCL-Pune, Dr. Ashok Pandey R.R.L, Trivendrum, Dr. S. Khowala ICT, Kolkata	CSIR
Cloning glucoamylase gene from <i>Thermomucor indicae-seudaticae</i> .	T. Satyanarayana G. Kunze (Germany)	DAAD
Proteomic analysis of outer membrane proteins involved in arsenite-mediated multiple drug resistance in <i>Yersinia enterocolitica</i> (In collaboration with Helmholtz Institute for Infection Research, Germany).	J.S. Viridi G.S. Chhatwal	DAAD

Honours/Distinctions

Prof. R.C. Kuhad: Elected General Secretary, Association of Microbiology of India.

Dr. Amita Gupta: Awarded Indian National Science Academy Young Scientist Award in the field of Medical Sciences for the year 2006.

Seminar/Conference held

National Seminar in collaboration with Institute of Home Economics.

Publications

Gupta, S., Kapoor, M., Sharma, K.K., Nair, L.M. and Kuhad, R.C. 2008. 'Production and recovery of an alkaline exo-polygalacturonase from *Bacillus subtilis* RCK under solid-state fermentation using statistical approach'. *Bioresour. Technol.*, 99(5): 937-45.

- Ninawe, S., Kapoor, M. and Kuhad, R.C.** 2008. 'Purification and characterization of extracellular xylanase from *Streptomyces cyaneus* SN32'. *Bioresour Technol.*, 99(5): 1252-8.
- Chandel, A.K., Kapoor, R.K., Narasu, M.L., Viswadevan, V., Kumaran, S.G.S., Rudravaram, R., Rao, L.V., Tripathi, K.K., Lal, B. and Kuhad R.C.** 2007. 'Economic evaluation and environmental benefits of biofuel: an Indian perspective'. *International Journal of Global Energy Issues*, 28(4): 357-81.
- Battan, B., Sharma, J., Dhiman, S.S. and Kuhad, R.C.** 2007. 'Enhanced production of cellulase-free thermostable xylanase by *Bacillus pumilus* ASH and its potential application in paper industry'. *Enzyme and Microbial Technology*, 41(6-7): 733-9.
- Pasha, C., Kuhad, R.C. and Rao, L.V.** 2007. 'Strain improvement of thermotolerant *Saccharomyces cerevisiae* VS3 strain for better utilization of lignocellulosic substrates'. *Journal of Applied Microbiology*, 103(5):1480-9.
- Kapoor, M. and Kuhad, R.C.** 2007. 'Immobilization of xylanase from *Bacillus pumilus* strain MK001 and its application in production of xylo-oligosaccharides'. *Applied Biochemistry and Biotechnology*. 142(2): 125-38.
- Kapoor, M., Kapoor, R.K. and Kuhad, R.C.** 2007. 'Differential and synergistic effects of xylanase and laccase mediator system (LMS) in bleaching of soda and waste pulps'. *Journal of Applied Microbiology*, 103(2): 305-17.
- Prakash, O., Kumar, R., Kumar, Tyagi, P. and Kuhad, R.C.** 2007. 'Organiodine(III) mediated synthesis of 3,9-diaryl- and 3,9-difuryl-bis-1,2,4-triazolo[4,3-a][4,3-c]pyrimidines as antibacterial agents'. *European Journal of Medicinal Chemistry*, 42(6): 868-72.
- Khurana, S., Kapoor, M., Gupta, S. and Kuhad, R.C.** 2007. 'Statistical optimization of alkaline xylanase production from *Streptomyces violaceoruber* under submerged fermentation using response surface methodology'. *Indian Journal of Microbiology*, 47(2): 144-52.
- Dutt, K., Meghwanshi, G.K., Gupta, P. and Saxena, R.K.** 2008. 'Role of casein on induction and enhancement of production of a bacterial milk clotting protease from an indigenously isolated *Bacillus subtilis*'. *Lett. Appl. Microbiol.*, 46(5): 513-8.
- Saran, S., Isar, J. and Saxena, R.K. 2007. 'Enhanced productivity of serine alkaline protease by *Bacillus* sp. using soybean as substrate'. *Malaysian J. Microbiol.*, 3(1): 1-6.
- Agarwal, L., Dutt, K., Meghwanshi, G.K. and Saxena, R.K.** 2007. 'Anerobic fermentative production of lactic acid using cheese whey using corn steep liquor'. *Biotech. Lett.*, 30(4): 631-5.
- Saran, S., Isar, J. and Saxena, R.K.** 2007. 'A modified method for the detection of microbial proteases on agar plates using tannic acid'. *J. Biophy. Biochem. Methods.*, 70(4): 697-9.

- Isar, J., Agarwal, L., Saran, S., Kaushik, R. and Saxena, R.K.** 2007. 'A statistical approach to study the interactive effects of process parameters on succinic acid production from *Bacteroides fragilis*'. *Anaerobe*, 13 (2): 50-6.
- Agarwal, L., Isar, J., Dutt, K. and Saxena, R.K.** 2007. 'Statistical optimization for succinic acid production from *E. coli* in a cost effective medium'. *Appl. Biochem. Biotechnol.*, 142: 158-67.
- Saxena, S., Agarwal, L. and Saxena, R.K.** 2007. 'Statistical optimization for tannase production from *Aspergillus niger* under submerged fermentation'. *Indian J. Microbiol.*, 47: 132-8.
- Agarwal, L., Isar, J., Meghawanshi, G.K. and Saxena, R.K.** 2007. 'Influence of environmental & nutritional factors on succinic acid production and enzyme of reverse tricarboxylic acid cycle from *Enterococcus flavescens*'. *Enz. Microbiol. Technol.*, 40: 627-36.
- Saran, S., Isar, J. and Saxena, R.K.** 2007. 'Statistical optimization of production conditions for protease production from *Bacillus* sp. and its scale up in a bioreactor'. *Appl. Biochem. Biotechnol.*, 141: 229-39.
- Saxena, R.K., Dutt, K., Agrawal, L. and Nayyar, P.** 2007. 'A highly thermostable and alkaline amylase from a *Bacillus* sp. PN5'. *Bioresource Technol.*, 98: 260-5.
- Saxena, R.K., Agarwal, L., Dutt, K., Saxena, S. and Isar, J.** 2007. 'Potential of enzymes in therapeutics', In *Microbes for Human Life* (eds) Verma, A., New Delhi: IK International Pvt. Ltd., pp. 577-88.
- Minocha, N., Kaur, P., Satyanarayana, T. and Kunze, G.** 2007. 'Acid phosphatase production by recombinant *Arxula adeninivorans*'. *Appl. Microbiol. Biotechnol.*, 76: 387-93.
- Singh, B. and Satyanarayana, T.** 2007. 'Improved phytase production by a thermophilic mould *Sporotrichum thermophile* in submerged fermentation due to statistical optimization'. *Bioresource Technol.*, 99: 824-30.
- Kumar, P. and Satyanarayana, T.** 2007. 'Economical glucoamylase production using alginate-immobilized *Thermomucor indicae-seudaticae* in cane molasses medium'. *Lett. Appl. Microbiol.*, 45: 391-7.
- Uma Maheswar, Rao, J.L. and Satyanarayana, T.** 2007. 'Purification, kinetics and applications of raw starch hydrolyzing, hyperthermostable, Ca²⁺-independent α -amylase of an extreme thermophile *Geobacillus thermoleovorans*'. *Applied Biochemistry and Biotechnology*, 142 (2): 179-93.
- Singh, B. and Satyanarayana, T.** 2008. 'Phytase production by a thermophilic mould *Sporotrichum thermophile* in solid state fermentation and its potential applications'. *Bioresource Technol.*, 99 (8): 2824-30.

- Kumar, P. and Satyanarayana, T.** 2007. 'Production of a thermostable and neutral glucoamylase using immobilized *Thermomucor indicae-seudaticae*'. *World J. Microbiol. Biotechnol.*, 23: 509-17.
- Kumar, S., Kumar, P. and Satyanarayana, T.** 2007. 'Production of glucoamylase by thermophilic mold *Thermomucor indicae-seudaticae*'. *Appl. Biochem. Biotechnol.*, 142 (3):221-30.
- Kaur, P. and Satyanarayana, T.** 2007. 'Yeast phytases: Present scenario and future perspectives'. *Critical Reviews in Biotechnology*, 27 (2): 93-109.
- Kaur, P., Singh, B. and Satyanarayana, T.** 2007. 'Microbial phytases in combating environmental phosphorus pollution'. In: *Sustainable Resource Management* (eds) Singh, K.K., Tomar, A., Phogat, V. and Phogat, S. New Delhi: MD Publications Pvt. Ltd., pp. 150-90.
- Satyanarayana, T. and Adhikari, S.** 2007. 'Applications of alkalistable and thermostable microbial xylanolytic enzymes in pulp and paper industry'. In *Microbes: Health and Environment* (eds) Chauhan, A.K. and Varma, A., New Delhi : I.K. International Publ. House Pvt. Ltd., 356-88.
- Kumar, P. and Satyanarayana, T.** 2008. 'Potential applications of microbial enzymes in improving quality and shelf life of bakery products'. In *Current Topics on Bioprocesses in Food Industry* (eds) Koutinas, A., Pandey, A. and Larroche, C. Delhi: Asia Tech. Publishers Inc., pp. 132-46.
- Ramnani, P. and Gupta, R.** 2007. 'Keartinase vis-à-vis conventional protease and feather degradation'. *World J. Microb. Botechnol.*, 23 : 1537-40.
- Gulati, P.S. and Viridi, J.S.** 2007. 'The *rrn* locus and *gyrB* genotyping confirm the existence of two clonal groups in strains of *Yersinia enterocolitica* subspecies *palaearctica* biovar 1A'. *Res. Microbiol.*, 158:236-43.

PLANT MOLECULAR BIOLOGY (SDC)

Major Activities

High Throughput Transcriptome Analysis and Functional Validation of Genes in Rice.

A comprehensive transcriptome analysis involving 18 stages of reproductive and vegetative development of rice has revealed a number of genes that express in narrow windows of reproductive development. By undertaking a comprehensive differential expression analysis, the genes expressing during specific (narrow as well as broader) developmental windows were identified and applications for three patents have been filed for obtaining Indian patents. Meanwhile, some important gene families coding for transcription factor and signal transduction components, viz. bZIP, CDPK, MADS box, C₂H₂-Zn-finger, two-component signaling element, homeobox, TCP etc., that are involved in flower and seed development have also been analysed. Based on gene ontology, some of these genes, were selected for the validation of gene function and/or promoter specificities.

Genes regulating plant development

Plants sense blue light predominantly through the combined interaction of cryptochromes (CRYs) and phototropins (PHOTs) for regulating their growth and development. The work on transgenics over-expressing *CRY1* has been extended.

Stress Molecular Biology

Detailed work on SUMO conjugating enzyme (Sce) and FK506 binding protein (FKBP) encoding rice (*Oryza sativa* L.) genes in terms of genome-wide analysis, expression studies and evidence for their involvement in abiotic stress response, was undertaken.

Plant Biotechnology

Three *SOMATIC EMBRYOGENESIS RECEPTOR KINASE (TaSERK)* genes were isolated and characterised from wheat. *TaSERKs* belong to a small family of receptor-like kinase genes, share a conserved structure and extensive sequence homology with previously reported plant *SERK* genes. *TaSERK* genes are in general auxin inducible and expressed during embryogenesis in cell cultures.

Fruit ripening in tomato is controlled by developmental factors. There is a complex interaction between these developmental factors and ethylene. The *LeMADS-RIN* gene of tomato controls developmental regulation of fruit ripening in an ethylene-independent manner. Fruits of *rin* mutant have some of the responses of ethylene responses, like triple response intact. But, most of the ripening related ethylene responses are impaired and fruits of *rin* mutant plants do not ripen even after exposure to ethylene.

Abiotic stresses are known to be regulated by a number of genes. Therefore, achievement of tolerance against abiotic stresses by genetic manipulation has been considered to be a difficult task. However, over-expression of the transcription factor *CBF1* of *Arabidopsis* has been found to improve cold tolerance. But, over-expression of the tomato homolog in tomato has not been found to improve cold tolerance. However expression of tomato *CBF1* in *Arabidopsis* improves the cold tolerance of *Arabidopsis*, suggests that some signaling component is different in tomato. In order to find out the differences in cold regulated genes in *Arabidopsis* and tomato, cold down-regulated and up-regulated subtraction libraries of tomato were constructed.

Ph.D/ M.Phil.Degrees awarded

Ph.D.	-	4
M.Phil.	-	1

Research schemes

<i>Title/Description</i>	<i>Sponsoring Organization</i>
Meiosis in wheat and rice are the interactions and regulation of this process conserved between other diverse eukaryotic organisms.	DST/DEST Indo-Australia
Identification and characterisation of differentially expressed genes during heat stress in wheat.	DBT

Programmes taken up involving inter-institutional collaboration

Network project on profiling of sncRNAs from Indian rice varieties tolerant to drought and salinity.	DBT
Understanding the role of epigenetic elements in controlling floral : organs development by Methylation profiling using high density microarrays in rice – in Collaboration with GGSIPU and UDSC.	DST
Engineering cold and heat stress tolerance in plants in collaboration with University of Helsinki, Finland.	DBT-Indo Finland Project
Screening of biotechnologically useful enzymes in Halophiles/Haloalkaliphiles from coastal areas of Gujarat - in collaboration with Saurashtra Univ., Rajkot Gujarat, IIT Delhi and UDSC.	DBT
With Sri Ram Institute of Industrial Research	CSIR

New Additions

Dr. Girdhar Pandey	-	Reader
Dr. Surekha Katiyar-Agarwal	-	Lecturer

Appointment of faculty members to higher posts/assignments

Prof. A.K. Tyagi: Co-chair, International SOL Program, 2007

Prof. J.P. Khurana: Appointed Convener of the NET (Life Science) conducted jointly by CSIR and UGC (from December 2007 to December 2009).

Prof. P. Khurana: Scientific expert of the Indian delegation to the INDO-THAI workshop on Agribiotechnology at BIOTEC, Thailand, 23-26 April 2008.

Honours/Distinctions

Prof. A.K. Tyagi : J.C. Bose National Fellowship, DST Govt. of India.

B.P.Pal Memorial Awards, ISCA 2008.

Chairman, PAC on Plant Sciences, DST, 2007.

Prof. J. P. Khurana: Professor Shri Ranjan Memorial Lecture Award (2006-2007), given by the National Academy of Sciences, India.

Professor, H.E. Street Memorial Lecture (2007-2008), under the auspices of Plant Tissue Culture Association (PTCA), India.

Dr. Saurabh Raghuvanshi: Recipient of NASI-Young scientist Platinum Jubilee Award in Plant Sciences, 2006.

Seminars/Conferences attended

Prof. A.K. Tyagi: Attended International Symposium on 'Breeding Rice and Strategies for Future', DUSC, 2007.

Attended International Conference on Agricultural Biotechnology-Agri, Bio. 2007, FICCI, New Delhi.

Chaired a session at the International Rice Functional Genomics Symposium, Japan, 2007

Prof. J.P. Khurana: Delivered a lecture and Chaired a Session in the International Conference on 'Light and Life' organized by the University of Hyderabad and the Indian Photobiology Society, August 2007.

Delivered an invited lecture in the 95th Indian Science Congress, Andhra University, Visakhapatnam, in January 2008.

Delivered Professor H.E. Street Memorial Lecture and Chaired a Session during the 29th Annual Meeting of PTCA and National Symposium organized at M.S. University, Udaipur, February 2008.

Delivered a Plenary lecture in the National Symposium, Centre for Plant Biotechnology, Hisar, March 2008.

Prof. P. Khurana: Presentation on 'Biotechnology: Impacting quality of plant life', in the National Symposium on 'Science of life: The New Horizon', Miranda House, November, 21-23 2007.

Presentation on 'Gene and Genomics for Plant Biotechnology' in the National Seminar on 'Latest Research and Industrial Trends in Biotechnology and Bioengineering', organised by Delhi College of Engineering, Delhi, 19 December 2007.

Presentation on 'Expression Profiling for Abiotic Stress Tolerance during Embryogenesis in Wheat' in the 2nd International Conference on 'Trends in Cellular & Molecular Biology', JNU, 5-7 January 2008.

Oral presentation on 'Genes and Genomics for Crop Improvement', National Conference on Showcasing Cutting Edge Science & Technology by Women at Vigyan Bhavan, 8-9 March 2008.

Professor Anil Grover: Presented talk in National Conference on 'Climate Change and Indian Agriculture', organised by ICAR, October 2007.

Attended and presented talk at Guha Research Conference, West Bengal, in December 2007.

Professor Indranil Dasgupta: Oral and poster presentation, V International Geminiviral Symposium and Third International ss-DNA Comparative Virology Workshop, Ouro Preto, Brazil, 20-26 May 2007.

Session Convener on 'Rice viruses and their management', International Conference on Virology in the Tropics, Indian Agricultural Research Institute, New Delhi, 11-14 December 2007.

Chaired a session on 'Biotechnological approaches to Plant Pest Management', National Symposium on 'Plant Protection-Technology Interface', Bidhan Chandra Krishi Viswavidyalaya, Kalyani, West Bengal, 28-29 December 2007.

Dr. Arun Sharma: Attended 2nd International Conference on 'Trends in Cellular and Molecular Biology', Jawaharlal Nehru University, New Delhi, 5-7 January 2008.

Delivered a lecture on 'Studies on cold tolerance in tomato', National Symposium on 'Plant Biotechnology for conservation and Crop Improvement', Mohanlal Sukhadia University, Udaipur, 8-10 February 2008.

Dr. S. Kapoor: Oral Presentation at Vth International Symposium of 'Rice Functional Genomics Epochal', Tsukuba, Ibaraki, Japan, 15-17 October 2007.

Keynote Address at National Science Symposium Christ College, Rajkot, Gujarat on January 2008.

Poster Presentation at DU-South Denmark University Seminar on 'Emerging trends in interfacial areas of chemical, biological and environmental sciences', 17-18 March 2008.

Publications

Articles in Journals

Arora, R., Agarwal, P., Ray, S., Singh, A., Singh, V., Tyagi, A.K. and Kapoor, S. 2007. 'MADS-box gene family in rice: Genome wide identification, organization and expression profiling during reproductive development and stress'. *BMC Genomics*, 8:242 (21 pages).

Chauhan, H., Desai, S.A. and Khurana, P. 2007. 'Comparative analysis of the differential regeneration response of various genotype of *Triticum aestivum*, *T. durum*, and *T. dicoccum*'. *Plant Cell and Organ Culture* 91: 191-9.

- Gupta, V., Khurana, R. and Tyagi, A.K.** 2007. 'Promoter of two anther-specific genes confer organ-specific expression in a stage specific manner in transgenic systems'. *Plant Cell Reports*, 26: 1919-31.
- Kumar, N., Kulwal, P.L., Gaur, A., Tyagi, A.K., Khurana, J.P., Khurana, P., Balyan, H.S. and Gupta, P.K.** 2007. 'QTL analysis for grain weight in bread wheat'. *Euphytica*, 151: 135-44.
- Mathur, S. and Dasgupta, I.** 2007. 'Downstream promoter sequence of an Indian isolate of *Rice tungro bacilliform virus* alters tissue-specific expression in host rice and acts differentially in heterologous systems'. *Plant Molecular Biology*, 65: 259-75.
- Purohit, S.D., Raghuvanshi, S. and Tyagi, A.K.** 2007. 'Biolistic-mediated DNA delivery and transient expression of GUS in hypocotyls of *Feronia himonia* L.-a fruit tree'. *IJB*, 6: 504-7.
- Rodrigues, V., Bhandari, R., Khurana, J.P., Sharma, P. and Khurana, J.P.** 2007. 'Movement of chloroplasts in mesophyll cells of *Garcinia indica* in response to UV-B radiation'. *Curr. Sci.*, 92: 1610-3.
- Ray, S., Agarwal, P., Arora, R., Kapoor, S. and Tyagi, A. K.** 2007. 'Expression profile of calcium-dependent protein kinase gene family during reproductive development and abiotic stress conditions in rice (*Oryza sativa* L. ssp. *Indica*)'. *Mol. Gen. Genomics*, 278: 493-505.
- Sehgal, A., Khurana, J.P., Sethi, M., Ara, H. and Jain, M.** 2007. 'Organ identity of the thaloid plant body of *Griffithella hookeriana* and *Polypleurum stylosum* – Podostemoideae (Podostemaceae)'. *Plant Syst. Evol.*, 267: 93-104.
- Ahmed, N., Saini, V., Raghuvanshi, S., Khurana, J.P., Tyagi, A.K., Anil, K. and Hasnain, S.E.**, 2007. 'Molecular analysis of a leprosy immunotherapeutic bacillus provides insights into *Mycobacterium* evolution'. *PLoS ONE*, 2 (10): e968: pp. 1-8.
- Shalini, L. and Khurana, P.** 2007. 'Over-expression of HVA1 gene from barley generates tolerance to salinity and water stress in transgenic mulberry (*Morus indica*)'. *Transgenic Research*, DOI 10.1007/s11248-007-9145-4.
- Singh, G., Jain, M., Kulshreshtha, R., Khurana, S. and Singh, P.** 2007. 'Expression and analysis of genes encoding translation initiation factor 3 subunit g (TaeIf3g) and vesicle – associated membrane protein-associated protein (TaVAP) in drought tolerant and susceptible cultivars of wheat'. *Plant Science*, 173: 660-9.
- Singla, B., Tyagi, A.K., Khurana, J.P. and Khurana, P.** 2007. 'Analysis of expression profile of selected genes expressed during auxin-induced somatic embryogenesis in leaf base system of wheat (*Triticum aestivum*) and their possible interactions', *Plant Mol. Biol.*, 65: 677-692.
- Tyagi, H., Rajasubramaniam, S. and Dasgupta, I.** 2007. 'Regeneration and *Agrobacterium* - mediated transformation of a popular *indica* rice variety ADT39'. *Curr. Sci.*, 93: 678-83.

Godge, M.R., Purkayastha, A., Dasgupta, I. and Kumar, P.P. 2008 . 'Virus-induced gene silencing for functional analysis of selected genes', *Plant Cell Reports*, 27: 209–19.

Jain, M., Khurana, P., Tyagi, A.K. and Khurana, J.P. 2008. 'Genome-wide comparative analysis of intronless genes in rice and *Arabidopsis*'. *Functional and Integrative Genomics*, 8: 69-78.

2008. 'Differential gene expression of rice two-component signaling elements during reproductive development and regulation by abiotic stress'. *Functional and Integrative Genomics*, 8: 175-80.

2008. 'Constitutive expression of a putative rice meiotic recombination protein gene, *OsTOP6A1*, confers stress tolerance in transgenic *Arabidopsis* plants'. *Plant Cell Reports*, 27: 767-778.

Nigam, N., Singh, A., Sahi, C., Chandramouli, A. and Grover, A. 2008. 'SUMO conjugating enzyme (Sce) and FK506 binding protein (FKBP) encoding rice (*Oryza sativa* L.) genes: genome-wide analysis, expression studies and evidence for their involvement in abiotic stress response'. *Molecular Genetics and Genomics*, 279: 371-83.

Nijhawan, A., Jain, M., Tyagi, A.K. and Khurana, J.P. 2008. 'Genomic survey and gene expression analysis of the basic leucine zipper transcription factor family in rice'. *Plant Physiol.*, 146: 1-18.

'Rice Annotation Project. The rice annotation project database (RAP-DB): 2008 update'. *Nucl. Acids Res* 36 (2008). D1028-D1033. (Co-authored as Coordinator of the Indian Initiative on Rice Genome Sequencing).

Sharma, M.K, Singh, N.K., Jani, D., Sisodia, R., Thungpathra, M., Gautam, J.K., Meena, L.S., Singh, Y., Ghosh, A., Tyagi, A.K. and Sharma, A.K. 2008. 'Expression of toxin co-regulated pilus subunit A (TCPA) of *Vibrio cholerae* and its immunogenic epitopes fused to cholera toxin B subunit in transgenic tomato (*Solanum lycopersicum*)'. *Plant Cell Reports* 27: 307-18.

Sharma, M.K., Jani, D., Thungapathra M, Gautam J.K., S., Meena, L.S., Singh, Y., Ghosh, A., Tyagi, A.K., and Sharma A.K. 2008. 'Expression of accessory colonization factor subunit A (ACFA) of *Vibrio cholerae* and ACFA fused to cholera toxin B subunit in transgenic tomato (*Solanum lycopersicum*)'. *J. Biotech.*, DOI: 10.1016/j.jbiotec.2008.03.002

Tyagi, H., Rajasubramaniam, S., Rajam, M.V. and Dasgupta, I. 2008. 'RNA-interference in rice against Rice tungro bacilliform virus results in its decreased accumulation in inoculated rice plants'. *Transgenic Research*, DOI 10.1007/s11248-008-9174-7.

Reviews

Batra, G., Chuhan, V.S., Singh, A., Sarkar, N.K. and Grover, A. 2007. 'Complexity of rice HSp100 gene family: lessons from rice genome sequence data'. *J. Biosciences*, 32: 611-9.

- Kathuria, H., Giri, J., Tyagi, H. and Tyagi, A.K.** 2007. 'Advances in transgenic rice biotechnology'. *Critical Reviews Plant Sciences*, 26: 65-103.
- Ravi, V., Khurana, J.P., Tyagi, A.K. and Khurana, P.** 2007. 'An update on chloroplast genomes: organization and implications'. *Plant Systematics and Evolution*, DOI 10.1007/s00606-007-0608-0.
- Tyagi, A.K.** 2007. 'Rice genome and beyond'. *Natl. Acad. Sci. Lett.*, 30: 191-6.
- Ravi, V., Khurana, J.P., Tyagi, A.K. and Khurana, P.** 2008. 'Chloroplast genomes: organization and implications'. *Plant Syst. Evol.*, 271: 101-22.
- Singh, A. and Grover, A.** 2008. 'Genetic engineering for heat tolerance in plants'. *Physiology and Molecular Biology of Plants*, 14: 155-66.

Books

- Khurana, J.P., Jain, M. and Tyagi, A.K.** 2007. 'Auxin and cytokinin signaling component genes and their potential for crop improvement'. In Varshney R.K. and Toberosa R (eds), *Genomics-assisted Crop Improvement* Germany, Springer-Verlag, pp. 289-314.
- Pareek, A., Singla-Pareek, S.L., Sopory, S.K. and Grover, A.** 2007. 'Analysis of salt stress related transcriptome fingerprints from diverse plant sp'. In Varshney, R.K. and Tuberosa, R. (eds), *Genomics Assisted Crop Improvement ?* Germany, Springer-Verlag.
- Khurana, P., Chauhan, H. and Desai, S.A.** 2007. 'Wheat'. In Kole, C. and Hall, T.C. (eds), *A Compendium of Transgenic Crops*, Vol.1, USA, Wiley-Blackwell : 18 pages.
- Tyagi, A.K., Khurana, J., Khurana, P., Vij, S., Jain, M. and Ravi, V.** 2007. 'Evolution and phylogenetic relationship of rice genome'. In Sharma, A.K. and Sharma, A. (eds), *Plant Genome: Biodiversity and Evolution* Vol. 1E *Phanerogams: Angiosperms*, USA, Science Publishers, Inc., pp. 15-41.
- Dasgupta, I.** 2008. 'Cassava Mosaic Disease', In Govind, P., Rao, S. M., Khurana P. and Sergio L. (eds) *Characterization, Diagnosis & Management of Plant Viruses*, Vol. 1 *Industrial Crops*, Texas, USA, Lenardon Studium Press, pp 379-88.

PHYSICAL EDUCATION & SPORTS SCIENCES

Major Activities

The Department of Physical Education & Sports Sciences being a new one, has taken initiatives to develop the profile of the Department.

New Courses Introduced

Application Course in Physical Education in B.A. Programme:

Discipline Course of Physical Education in B.A. Programme.

FACULTY OF APPLIED SOCIAL SCIENCES AND HUMANITIES

BUSINESS ECONOMICS (SDC)

Ph.D./M.Phil. Degree awarded

Ph.D	-	2
M.Phil.	-	2

Honours/Distinctions

Dr. Ananya Ghosh Dastidar: Invited to visit the Department of Economics, Calcutta University, as Visiting Fellow under the UGC sponsored DRS on 'Economics of Globalization & Sustainable Development', for a period of five years, from April 2007 to March 2012.

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Intra-SAARC Investment Relations: Current Status and Future Prospects.	Dr. Aradhna Aggarwal	UNCTAD, Switzerland
Impact of Industrial Clusters on Employment.	Dr. Aradhna Aggarwal	UNDP, Columbo
Quantitative Assessment of Export Promotion Schemes	Dr. Aradhna Aggarwal	Ministry of Finance
Cluster, Network and Alliance	Prof. V.K. Kaul	Deptt. of Scientific and Industrial Research, and Department of Science and Tech.
Policies, Support, Structure and Training Programmes that Foster innovation in the Nanotechnology domain in Europe and India,	Prof V.K. Kaul	European Commission along with six others in India & Europe
Magnitude and Characteristics of Child Labour in selected Area of National Capital Region: A Case Study of Selected Industries.	Prof. Rashmi Agrawal Dr. Suresh Aggarwal	UGC

Seminar/Conference held

Annual Convention, 'India on Growth Trajectory: Services Giving the Momentum', India Habitat Centre, October 2007.

Seminars/Conferences attended

Dr. Aradhna Aggarwal: Presented 'SEZs: Past Current and Future', University of Kobe and Doshisha, 10-14 March 2008.

Presented 'Regional Economic Integration and FDI in South Asia: Prospects and Problems', 'Initiatives of Regional Integration in Asia in Comparative Perspective: Concepts, Contents and Prospects', Workshop in the Conference on Inter-Asian Connections, Dubai, UAE, 21-23 February 2008.

Presented 'Assessment of a Community Based Health Insurance Scheme: A Case Study of Yeshasvini Scheme in India', Brisbane, Australia, 12 February 2008.

Presented 'Competitiveness of Special Economic Zones', WEPZA Annual Conference, 2007, Antalya, Turkey, 18-21 April 2007.

Presented 'SEZs, Technology Spillovers and Industrial Diversification: Evidence from India', International Conference on Globalisation of Chinese and Indian Enterprises, Knowledge Forum, IIT Mumbai, 3-4 November 2007.

Participated in National Seminar on SEZs, Calicut University, 4-5 August 2007.

Participated in National Deliberations on SEZs, School of Political Economy, Pune, 30-31 July 2007

Dr. Yamini Gupta's co-authors Anne Scheinberg, Micheael Simpson presented 'Putting the Informal Sector in the Solid Waste Picture- Good for all Stakeholders', ISWA/NVRD World Congress 2007, 'Challenging the Future', 24-27 September 2007.

Prof. V.K. Kaul. Chaired the Inaugural session of the three-day Seminar on 'Globalisation and Multiculturalism', sponsored by UGC, Delhi College of Arts and Commerce, 12 March 2008.

Publication

Dr. Aggarwal, A., 2007. *The Anti-dumping Agreement and Developing countries.* New Delhi : Oxford University press.

2007. *Special Economic Zones: Moving towards Exports, Growth and Employment,* Sampada Maratha Chamber of Commerce.

2007. 'Backward and Forward linkages of SEZs: Evidence from India', *Advanced Journal of Social Work*, University of Calicut.

2007. 'Trade Remedial Measures in South Asia *South Trade Year Book*, CENTAD, OXFAM.

SLAVONIC & FINNO-UGRIAN STUDIES

Major Activities

The major thrust area of research during the year was:

Contemporary Russian Women's Prose. (a) A study with special reference to the literary works of M. Arbatova. (b) Images of Russian society in the contemporary Russian systoplan literature. (c) Problems of lexical translation with special emphasis on auxiliary verbs from English to Russian and vice-versa. (d) 'Gender dynamics in the post-Soviet Russian Literature: A study of the stories by Lyudmila S. Petrushevskaya. (e) 'The Image of Labour Camp in one-day in the Life of Ivan Denisovich by A.I. Solzhenitsyn and Kolyma Tales by V.T.Shalamov'. (f) 'End of the World as depicted in the Russian Literature of the end of the century – A study of the mark of Cassandra by Ch. Aitmatov, The last Pastoral by A. Adamovich and the new Robinsons L. Petrushevskaya'. (g) Representation of the Image of the Prisoner of the Caucasus in Contemporary Russian Literature: An analysys of Stories by V. Makanin and L. Tolstoy'. (h) Narrative of the Infirmary in Contemporary Russian Literature: A study of short stories by Russian Women at the end of the 20th Century'. (i) Representation of the Afghan War in the Contemporary Russian Literature – A study of stories by O.N. Ermakov'. (j) 'Author's Song' – Its origins and development as a unique genre of Russian poetry and works of Bulat Okujava'. (k) 'Russian Literature on Internet (Runet): Dimensions and Challenges'.

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Image of India as Reflected in Bulgarian Literature & Culture.	Dr. Rashmi Joshi	UGC

Programmes taken up involving Inter-institutional Collaboration

MoU signed between Delhi University and Sofia Univesity 'St. Kliment Okhridski', Bulgaria.

Appointment of faculty member to higher Posts/Assignments

Prof. Abhai Maurya: Appointed Vice-Chancellor of The English & Foreign Language University, Hyderabad, Andhra Pradesh, August 2007.

Honours/Distinctions

H.E. Mr. Sergei Stanishev, Prime Minister of Bulgaria, visited Delhi University and addressed members of the Department and other dignitaries.

Seminars/Conferences held

An exhibition of rare maps, 'Historical Maps of the Balkan Europe for Bulgaria', 30 August 2007 to 11 September 2008.

Film Festival: Masterpieces of Classical Russian Cinema, 30-31 January 2008.

Little Europe 2008 : A Festival of Films on the topic 'Today's Youth'.

FACULTY OF COMMERCE AND BUSINESS

COMMERCE

Major Activities

A number of steps were taken during the academic year 2007-08 to spearhead the Department's march towards attainment of academic excellence and leadership in the commerce discipline. The Department revamped its M.Com. admission process that resulted in commencement of classes well in time and strictly as per the University calendar.

The Department joined hands with the Institute of Lifelong Learning (ILLL) for strengthening industry-academia linkages. An MOU with ICICI Bank has been signed for running short term courses in banking and financial services to augment the employability of B. Com (Hons.) and B. Com. students.

Ph.D./M.Phil. Degrees awarded

Ph.D.	-	12
M.Phil.	-	11

Research Scheme

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Company Fundamentals and Equity Return in India.	Dr. Vanita Tripathi	ICSSR
National Consumer Help Line	Prof. Sri Ram Khanna	Deptt. of Consumer Affairs Food and Public Distribution.

Programmes taken up involving Inter-institutional Collaboration

Open learning and e-learning.	Prof. K.V. Bhanu Murthy Dr. Savita Datta	UKIERI project sponsored by British Council as a collaboration between The Open University, Milton-Keynes, UK, and Delhi University.
Faculty Development Programme in Banking and Financial Services.	Prof. Sanjay K. Jain	ICICI Bank (ILLL)
Setting up of learning centres : 8 identified colleges of Delhi University for running short-term courses in Banking and Financial Services.	Prof. Sanjay K. Jain Prof. Madhu Vij Prof. K. N. Tripathi	ICICI Bank
3 months certificate course in 'Foundations of Banking'.	Prof. Sanjay K. Jain Prof. Madhu Vij Prof. A. K. Bakshi Mr. K.B. Gupta	ICICI Bank (ILLL) SOL

Appointment of faculty member to higher Posts/Assignments

Prof. Sanjay K. Jain: Appointed Chairperson of the Sub-Committee for developing mechanisms to receive feedbacks on courses from the students and analyse them, Delhi University.

Appointed Visitor Nominee in Commerce Stream in a premier University in India.

Appointed an Expert by the University Grants Commission for the SAP Programme, University of Hyderabad, Hyderabad, Andhra Pradesh.

Honours/Distinctions

Prof. Jawahar Lal: Received Fellowship Award by the Indian Accounting Association.

Prof. K.V. Bhanu Murthy: Awarded 'Shiksha Ratan Puraskar' [Best Educator Award], National level, by India International Friendship Society, November 2007.

Dr. A.K. Singh: Awarded a Gold Medal by Szent Istvan University, Hungary, for Outstanding Contributions, 3 January 2008.

Seminars/Conferences held

A one-day Seminar was organised by the Department of Commerce on the theme 'International Trading and Banking: Emerging Challenges and Tasks in the IT Era'. The key speakers included Mr. Guido Braschler, Head, Indian Subcontinent, CREDIT SUISSE, Zurich (Switzerland) and Mr. Mahendra Khari, Khari & Co. International Accountants, London (UK), 1 May 2007.

A five-day Symposium was organised by SPHERE, a students' body of MHROD, Department of Commerce, from 6-11 August 2007.

The Department of Commerce organised the **12th National Convention 'Erudition 07'** for its MIB and MHROD students at the PHD Chamber of Commerce and Industry, New Delhi, 26-27 October 2007, based on the theme '**Alchemists at Work: Transforming the Future**'.

Another symposium was organised by SPHERE, a student's body of MHROD, Department of Commerce, 15-16 February 2008. The main speakers included Mr. Kishore Das, VP-HR and TQM, DCM Ltd., Ms. Kiran Yadav, Head-Talent Acquisition, Aviva India, and Mr. Arjun Yadav, Entrepreneur, Reffster.

The Department organised a one-day Seminar '**ELIXIR'08**' on the theme '**Financial Sector: Vistas and Challenges**' for M.Com. students, 27 February 2008.

Mr. Dietrich Keschull, Chairman, IGEP, Ms. Sharda Subramaniam, Director, IGEP, and Prof. Dayanand Arora, Department of Economics, Berlin University: Seminar on Indo-German Trade relations, 26 February 2008.

Mr. Atul Kumar, Trade Advisor, Embassy of Iceland: Seminar on Indo-Iceland Trade relations, 4 March 2008.

Seminars/Conferences attended

Prof. Sanjay K. Jain: Participated as a delegate at 'ITBA Overseas Visit Programme', Istanbul, Turkey, 20-25 January 2008.

Presentation on 'International Trade in Services: A Performance Analysis of BRIC Countries and Strategic Implications for India', International Conference on BRICS: AGENDA FOR CO-OPERATION, Integrated Academy of Management and Technology, Islamic Culture Centre, Lodhi Road, New Delhi, 5-7 December 2007.

Participated in the International Convention on 'Winning with Intelligent Supply Chains', Federation of Indian Chambers of Commerce and Industry, Federation House, New Delhi, 17-18 December 2007.

Presentation on 'Retailing in India: Emerging Vistas and Challenges' and Chaired the Technical Session at the International Conference on Retail Marketing – 'Globally Emerging and Evolving Trends: Lessons for Developing Economy', Bharati Vidyapeeth University, Institute of Management & Research, New Delhi, 7-8 March 2008.

Delivered a special lecture on 'Impact of Appreciation of Rupee on India's International Business' at a Seminar on 'Impact of Appreciation of Rupee on Various Export Sectors', Centre for International Business Policy, Birla Institute of Management Technology, Greater Noida, UP, 29 October 2007.

Presentation on 'Changing Paradigms in Marketing', Seminar on 'Corporate Challenges in Competency Development – Contemporary Issues', community, the Society of Department of Commerce, Deen Dayal Upadhyaya College, Delhi University, 14-15 December 2008.

Attended a Seminar on 'International Trade in Services, Federation of Indian Chamber of Commerce and Industry, FICCI House, New Delhi, 4 January 2008.

Participated in a Panel Discussion on 'Building Bridges with Rural India – Human Development Challenges and Strategies', National Symposium on India Vision 2020: Role of Oil PSUS in Social Re-engineering and Nation Building', ONGC, Scope Complex, Lodhi Road, New Delhi, 5-6 January 2008.

Participated in FICCI-SRC Seminar on 'Development with Justice', Federation of Indian Chamber of Commerce and Industry and Shri Ram Centre for Industrial Relations and Human Resources, FICCI House, New Delhi, 14 January 2008.

Chaired the technical session on Economic and Business Issues, National Seminar on 'Harnessing India-Japan Bilateral Partnership', Shyam Lal College, Delhi University, Tagore Hall, Delhi University, 7 February 2008.

Delivered theme presentation on 'Marketing: Roadmap to Excellence' at the Conference on Roadmap to Excellence, Institute of Productivity & Management, Meerut, UP, 9 February 2008.

Attended a Seminar on 'EU India Trade and Investment', Indo-German Export Project, Hotel Hyatt Regency, New Delhi, 27 February 2008.

Prof. Y.P. Singh: Chaired the technical session titled, 'Emerging Issues in Information Technology' of the 8th International Conference on 'Emerging Issues in Accounting, Information Technology, Business & Management', Research Development Association, Jaipur, 5-6 January 2008.

Addressed delegates of the National Seminar, 'Emerging Issues in Business Management' at its Valedictory session as Guest of Honour, under the auspices of the Institute of Commerce and Management, Jiwaji University, Gwalior (MP), 23 September 2007.

Chaired the technical session, 'Commerce Education and Training' at the National Seminar on 'Global Convergence of Financial Reporting' jointly organised by the Department of Commerce & Business Studies, Jamia Millia Islamia Central University and The Institute of Chartered Accountants of India, New Delhi, 13-14 March 2008.

Prof. S.R. Khanna: Participated in a Conference on 'Telecom Cannibalisation', Broadgroup, UK, Cass Business School, London, 31 January-1 February 2008.

Speaker at Panel on 'Enlightened Consumers', Chaired by Keith Parry, SVP (Consumer Insights), Nokia, at Nokia Stakeholders Days, Nokia HQ, Espoo, Finland, 29-30 January 2008.

Presentation on 'Comparative Testing and National Consumers, Helpline', Conference of Controllers of Legal Metrology, Union Ministry of Consumers Affairs and Govt. of AP, Hyderabad, 11-12 June 2007.

Presentation on 'Comparative Testing and National Consumers, Helpline', Conference of Controllers of Legal Metrology, Union Ministry of Consumers Affairs and Govt. of UP, Lucknow.

Presentation on 'Right to Information, at the Seminar at the Press Club, Chandigarh, presided over by CIC Wajahat Habibullah, 10 February 2008.

Presentation on 'Strategy of Avoidance of Consumer Disputes' at Conference of Presidents, members of State Commissions and State Consumer Affairs Secretaries, Vigyan Bhavan, New Delhi, 15 March 2008.

Presentation on 'Future Role of Competition Commission in Promoting Inclusive Growth by Protecting Consumer Interest', National Seminar on 'Globalization, Consumerism and Protection of Consumer Right in India', Jawaharlal Nehru University, 28-29 March 2008.

Prof. Jawahar Lal: Chairman, Technical Session IV 'Challenges in Banking Industry', International Seminar on 'Re-engineering of Indian Banking Industry in Global Perspective', Faculty of Commerce and Management Studies, Bareilly College, Bareilly, 20-21 February 2008.

Chief Guest at Valedictory Session of National Seminar on 'Contemporary Issues in Commerce, Management and Accounting', Indian Accounting Association, Gwalior Branch, Gwalior 27-28 October 2007.

Keynote Speaker at National Seminar on 'Emerging Trends in Financial Services', Institute of Professional Excellence and Management, 3 November 2007.

Chairman, Technical Session I 'Transfer Pricing', National Conference on 'Accounting Education and Research', Indian Accounting Association, Jodhpur, 15-16 December.

Prof. A.K. Seth: Panel Speaker on 'Convertibility of Rupee' in Conference, ITS, Chaudhary Charan Singh University, Meerut, 2007.

Panel Speaker on 'Convertibility of Rupee and Emerging Scenario in India', Seminar organised by GGS Indraprastha University, 2007.

Organised 'Erudition'07', the Annual Convention, International Business Forum, Department of Commerce, MIB Programme, 26-27 October 2007.

Keynote Speaker the National Seminar on 'Services and Economic Growth', Punjabi University, Patiala, 26 March 2008.

Prof. K.V. Bhanu Murthy: Presented two papers at International Seminar held by International Standards Organization 26000, 16-17 April, 2007. ISO 26000 – Draft meeting.

Presented two papers at IGIDR, Money and Finance Conference, Mumbai, January 2008.

Key-note address at National Seminar on 'Banking – Thrust and Challenges', New Delhi, January 2008. (UGC sponsored).

Presented two papers at Indian Econometrics Conference, Hyderabad, January 2008.

Special Lecture at Indian Institute of Technology, Delhi, November 2007.

Presented paper in Inaugural Seminar of NCDEX – NICR, New Delhi, 10 October 2007.

Main speaker at the National Conference and presented paper on 'Indian Tourism: The Challenge Ahead', New Delhi, 23 May 2007.

Prof. J.P. Sharma: Participated in a Workshop on ISO 26000 Guidance Standards on 'Social Responsibility: Its Implications for Developing Countries', organised jointly by BIS and VOICE, INSA, New Delhi, 16-17 April 2007.

Dr. A.K. Singh: Participated in the 3rd International Conference on 'Business, Management and Economics', at Cesme, Turkey, Yasar University, Turkey, 13-17 June 2007, and presented a paper titled 'Managing Business in the Globalized Era', as a Guest Speaker in the Plenary Session after the inaugural session. <http://conference2007.yasar.edu.tr/>

Participation in International conferences held in India

Participated in the 9th International Conference at the National Academy of Agricultural Sciences, New Delhi, funded by the All India Council for Technical Education, New Delhi, GGS Indraprastha University, and organised by Delhi School of Professional Studies and Research, Delhi, 3-5 January 2008 and presented the address in the Inaugural Session and Valedictory Session.

Ajay Kumar Singh and Vandna Sharma jointly authored: Participated in the 60th All India Commerce Conference, Faculty of Commerce and Management Studies, and presented a paper titled, 'University-Industry Interface in India: An Empirical Study', Osmania University, Hyderabad, 28-30 December 2007.

Dr. Vanita Tripathi: Participated in the National Convention 'Erudition'07', Annual Convention, International Business Forum, Department of Commerce, MIB Programme, 26-27 October 2007.

Participated in a National Seminar on 'Investing in Indian Financial Markets: Opportunities and Strategies', Department of Financial Studies, Delhi University, under UGC SAP, 23 February 2008.

Publications

Articles in Edited Works

Jain, S.K. 2008. 'Searching for Critical Success Factors: A Dimension-Specific Assessment of Service Quality and its Relationship with Customer Satisfaction and Behavioral Intentions in Fast Food Restaurants'. In *Global Cases on Hospitality Industry* (ed.) Vinnie Jauhari', New York, USA: Haworth Press, pp. 79-116.

Khanna, S.R. 2007. 'Trends in US Textile and Clothing Imports'. In *Textile Outlook International*, U.K.: Textiles Intelligence Ltd., p.128.

Lal, J. 2007. 'Advances in International Financial Reporting'. In *Global Convergence and Commerce Education* (ed.). Udaipur: Apex Publishing House, 139-49.

Singh, A.K. and Sharma, V. 2008. 'Key Attributes of Successful Knowledge Management: An Empirical study in Telecom and Software Sector'. In *Data Management* (eds) Ranjan, J. and Garg, P., Macmillan Advanced Research Series. New Delhi: Macmillan Publications, 1: 495-502.

2008. 'Knowledge Management and Organisational Learning: An Empirical study of its implications on Employee Satisfaction in Telecom Sector'. In *Corporate Strategies & Innovations in the Emerging Global Economy*, (eds) Mittal, R.K., Saini, Anil K. and Dhingra, S. New Delhi: Wisdom Publications, 1: 302-18.

Tripathi, V. 2007. 'Sectoral analysis of Small and large Firms and Its Implications for Size Premium'. in *Indian Stock Market: An Empirical Study*, (ed.) Gupta, O.P. New Delhi: Anmol Publications, 1: 202-13.

Articles in Journals/Periodicals

Singh, Y.P. and Chawla, M. 2007. 'Derivatives Market and its Development in India'. *The Journal of Banking, Information Technology and Management*. 4(2): 45-6.

Singh, Y.P., Kapoor, S. and Babbar, Khanna, S. 2007. 'Stock Market Volatility in India: A case of Bombay Stock Exchange – Sensex'. *Indian Journal of Accounting*, XXXVIII(1): 6-20.

Seth, A.K. 2007. 'Monetary Fundamentals and Rupee-U.S.\$ Behaviour: An Indian Evidence-Pre and Post Liberalisation'. *Studies in Business and Economics*, 13(2): 59-80.

Bhanu Murthy, K.V. 2007. 'Agricultural Markets and Food Security in India – A need for a new strategy'. *Business Horizon*, 1(1): 7-18.

Sharma, J.P. and Bose, S. 2007. 'Governance of Delhi University Colleges: A Critical Appraisal', *University News Journal*, 45: 24-30.

Sharma, J.P. and Dewan, A. 2007. 'Segment-Wise Role of Company Secretaries: A Study'. *Chartered Secretary Journal*. XXXVII(11): 1502-8.

Sharma, J.P. and Kanojia, S. 2007. 'Faculty Development Efforts in the Delhi University: An Assessment'. *University News Journal*, 45: 1-8.

Sharma, J.P. and Singh, A. 2007. 'Slow Process of Winding Up'. *Chartered Secretary Journal*, XXXVII(7): 873-6.

Sharma, J.P. 2007. 'A Decade of Company Laws Reforms in India', *Finance India*, XXI(2): 567-81.

2007. 'Labour Law Reforms in China and India: Is the China Model an Answer'. *Chartered Secretary Journal*, XXXVII(8): 1046-55.

2007. 'There's a Great Need for a Changed Mechanism to Administer Company Law'. *Company Law Journal*. Part 2: 63-75.

2007. 'Limited Liability Partnership Bill, 2006 - Some Observations'. *Corporate Law Advisor*. 20(1): 10-5.

Singh, A.K. and Goel, K.K. 2007. 'Value Based Management in Select Indian Organisations: An Empirical Study'. *The Indian Journal of Commerce*, 60(3): 319-36.

Aggarwal, A. and Tripathi, V. 2007. 'Foreign Institutional Investment Flows and Equity Returns in India'. *Business Analyst, New Series*, 2: 1-11.

Sury, N. 2007. 'Tax Incentives to attract Foreign Direct Investment: A Comparative Analysis of Select Asian Developing Countries'. *Tax Nasional*, Malaysian Institute for Taxation, *Quarter*, 4. 17: 28-38.

2008. 'Determinants of Foreign Direct Investment in India'. *Foreign Trade Review*, XLII(4): 24-41.

Books/Monographs

Khanna, S.R., Hanspal, S., Kapoor, S. and Awasthi, H.K. *Consumer Affairs*. (edn.) New Delhi : Universities Publishers/Orient Longman, India, (published on behalf of Delhi University).

Singh, A.K. and Singh, B.P. 2007. *Organisation Behavior*, (1st edn) New Delhi: Excel Books Pvt. Ltd.

2007. *Management Science*, (1st edn) New Delhi: Excel Books Pvt. Ltd.

Tripathi, V. 2008. *Size Effect in Indian Stock Market*, (1st edn) New Delhi: Serials Publications.

Paper presented at Conferences/Seminars

Bhanu Murthy, K.V. 2007. 'Food Security in India: Does the futures market for wheat meet the bill?' NICR-Seminar, New Delhi, October.

2007. 'Tourism in Higher Education'. National Conference on 'Indian Tourism: The Challenge Ahead', New Delhi, 23 May 2007.

2007. 'Business Ethics and Corporate Responsibility – A New Perspective'. International Standards Organisation – International Seminar on ISO 26000, New Delhi.

2007. 'Social Responsibility Standards and Global Environmental Accountability'. International Standards Organisation – International Seminar on ISO 26000, New Delhi, April, 2007.

Bhanu Murthy, K.V. and Taru Deb, A. 2008. 'Theoretical Framework of Competition As Applied To Banking Industry', 8th Annual Conference on Money and Finance, Mumbai, January 2008.

2008. 'Operationalizing and Measuring Competition: Determinants of Competition in Private Banking Industry in India'. 44th Indian Econometrics Conference, Hyderabad, January', 2008.

Tripathi, V. and Aggarwal, S. 2008. 'Estimating the Accuracy of Value at Risk in measuring risk in Equity Investment in India'. Conference proceedings, International Conference on Business and Finance, ICAI University, India, and Boston College, USA.

FINANCIAL STUDIES (SDC)

Major Activities

The Department has signed an MoU with NCDEX for setting up of NCDEX-DFS Centre for Commodity Markets and Derivatives Research in order to set up state-of-the-art research facility to provide research and training in commodities and other financial areas.

The Department has been granted assistance under UGC SAP from 2007--2011 for Phase II, DRS Level.

Programmes taken up involving inter-institutional collaboration:

The Department has signed MoUs with ESC Pau, France. Four students from the Department visited ESC Pau, France, for the summer training from May 2007 to July 2007 and nine students from ESC Pau visited the Department in January 2008 for travel and learning purposes.

Seminars/Conferences held

The XXth Annual Convention on 'Wealth Management: The Emerging Scenario' was held on 3 November 2007.

The Department organised a one-day All India Seminar (under UGC SAP) on 'Investing in Indian Financial Markets: Opportunities & Strategies' at University of Delhi, South Campus, on 23 February, 2008.

Seminars/Conferences attended

Prof. Muneesh Kumar: Presented a paper on 'Networking Strategies and Information System Planning Practices', 8th International WeB Conference 2007, Melbourne, Australia, 28-30 November 2007.

Dr. Amitabh Gupta: Participated in the 5th International Research Forum, Europlace Institute of Finance, Paris, 12 June 2007.

'Capital Expenditure Decisions and The Market Value of The Firm', paper presented with Charu Arora at the Second National Conference on 'Indian Capital Market: Emerging Issues', IBS Gurgaon, 27-28 February 2008.

'Application of Event Study Methodology in Finance' paper presented at the plenary session of the Fourth National Conference on Finance & Economics organized by IBS Bangalore, 14-15 December 2007.

'Directors' Trades, Information Hierarchy and Ownership Structure: Evidence from India' with S. Sangray paper presented at the First National Conference on 'Indian Capital Market: Emerging Issues' organized by the ICFAI Business School Gurgaon, 6-7 April 2007.

Chaired a Session on 'Emerging Financial Markets' at the International Conference on Emerging Financial Markets organized by PSG Institute of Management, Coimbatore, 26-28 December 2007.

Dr. Amitabh Gupta: Chaired a Session on 'Stock Market', 4th National Conference on Finance and Economics, IBS Bangalore, 14-15 December 2007.

Prof. Sanjay Sehgal: Presented a paper on 'International Reserve-holding in India: Self-Insurance for Future', Money and Finance Conference, IGIDR, Mumbai, 18-19 January 2008.

Publications

Sehgal, S. 2007. 'The Relationship between Option Market Liquidity and Stock Market Characteristics: Evidence from India', *The ICFAI Journal of Derivatives Markets*, IV (3) : 7-25.

2007. 'Tests of Technical Analysis in India'. *Vision*, 11(3) : 11-24.

Gupta, A. and Sangray, S. 2007. 'Directors' Trades, Information Hierarchy and Ownership Structure: Evidence from India'. *Journal of Advances in Management Research*, 4(2) : 39-48, Journal of Department of Management Studies, Indian Institute of Technology, Delhi.

Gupta A. 2007. 'Valuation of Illiquid Securities in the Mutual Fund Industry and Regulatory Issues'. *The ICFAI Journal of Corporate Governance*, 6 (2) : 6-2 April.



COLLEGES

ACHARYA NARENDRA DEV COLLEGE

Major Activities

Major infrastructural developments include four new tutorial rooms, Library at a new location, a new Sericulture rearing room, installation of 125 KVA generator and 36 KVA online UPS, new car, another Web Facilitation Centre, extension/renovation of Instrumentation laboratory and three new research laboratories – one each for projects in Zoology and Biomedical Sciences, and the third for Clustering. The College initiated a shift to the Free Open Source Software System (FOSS) through a series of Workshops for students and staff where the Philosophy of 'Wiki and OER' was discussed.

New Course Introduced

Diploma in French Language

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Manish Grover	B.Sc. (Hons.) Biomedical Science	I
Vikrant Suri	B.Sc. (Hons.) Biomedical Science	II
Uzzawal Rathore	B.Sc. (Hons.) Biomedical Science	III
Neha Niharika	B.Sc. (Hons.) Zoology	II
Radhika Warikoo	B.Sc. (Hons.) Zoology	III

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsored Organisation</i>
Evaluation of the potential of cyclopid copepod as an effective bio-control agent for the control of disease vectors.	Dr. Ram Kumar (PI) Dr. Sarita Kumar (Co PI)	ICMR

Library Development

Total Budget	:	Rs. 4,50,000.00
Books added	:	700
Journals/periodicals subscribed	:	23

Honours/Distinctions

Dr. Ram Kumar: Visiting Scientist, Institute of Marine Biology, National Taiwan Ocean University. Team leader, Oceanographic Research Cruise in the boundary waters of North-Western Pacific.

Refereed Articles from the following Journals: *International Review of Hydrobiology*, *Aquatic Ecology*, *Journal of Environmental Management and Ecoplanning* and *Zoological Studies*.

Dr. Arijit Chowdhuri: Refereed Articles from the following International Journals: *International Journal IEEE Sensors, Chemistry of Materials, Materials Science and Engineering B* and *Materials Research Bulletin*.

Dr. Monisha Khanna: Chosen to be a referee/reviewer of the *Indian Journal of Microbiology*.

Dr. Sarita Jaiswal: Won Young Scientist award at National Seminar on Plant Physiology, Indian Society of Plant Physiology, Dapoli, Maharashtra, 28-30 November 2007.

Ms. Vibha Gaur: Awarded The best paper Award in International Conference on Information Engineering, World Congress on Engineering, London, UK.

Seminars/Conferences attended

Savithri Singh: International Conference 'Wikimania 06', Taipei, Taiwan, 2-4 August 2007.

Sunita Hooda: 'Structure Determination of 2-HEMA copolymers with Methyl Acrylate and with Styrene by NMR spectroscopy', 28th International Conference on Science and Technology, Prague, Czech Republic, 5-6 July 2007.

Seema Gupta: 'Linear free energy relationship of substituents in 2-, 3-, and 4-position of phenyl nucleus with respect to N-atom of substituted hydrazone', 28th International Conference on Science and Technology, Prague, Czech Republic, 5-6 July 2007.

Vandana Uberoi: 'Electrochemical Sensors for Hg²⁺ in Environmental Monitoring', International Conference on Science and Technology, Prague, Czech Republic, 5-6 July 2007.

S.P. Kumar, Anju Agrawal, R. Chaujar, S. Kabra, M. Gupta and R.S. Gupta: 'Analytical Modeling and Simulation of Small Geometry AlGaIn/GaN HEMTs', International Symposium on Microwave and Optical Technology, Villa Mondragone, Monte Porzio Catone, Italy, pp. 279-82, 17-21 December 2007.

R. Aggarwal, Anju Agrawal, M. Gupta and R.S. Gupta: 'Impact of Innovative Gate Insulator Geometries and Their Thickness Scaling on the Device Performance of AlGaIn/GaN MISHFET for Microwave Applications', International Symposium on Microwave and Optical Technology, Rome, Italy, 2007.

Sona P. Kumar, A. Agrawal, R. Chaujar, M. Gupta and R.S. Gupta: 'Analytical Modeling and Simulation of Potential and Electric Field Distribution in Dual Material Gate HEMT for Suppressed Short Channel Effect', Asia-Pacific Microwave Conference, Bangkok, Thailand, pp. 2503-6, 11-14 December 2007.

Ram Kumar, Jiang-Shiou Hwang, Li Chun Tseng, Tien-Hsi Fang, Qingchao Chen and C. Kim Wong: 'Seasonal and interannual variability of copepod community in the Coral ecosystem of Nan-Yan bay, the North-Eastern tip of the South China Sea', International Conference on Coral Ecosystem, Jointly organised by the National Science Council, Taiwan, and CSIRO Australia, Taiwan, 18-26 October 2007.

P. Bedi and Vibha Gaur: 'Optimal Partner Selection Model for Co-operation', Proc. IICAI'07 - 3rd Indian International Conference on Artificial Intelligence, Pune, 17-19 December 2007, pp. 1297-1307.

Ravneet Kaur, R. Chaujar, M. Saxena and R.S. Gupta: 'Subthreshold Performance Consideration of a Novel Architecture: ISEGaS deca-nanometer MOSFET'. 14th International Workshop on 'The Physics of Semiconductor Devices', Mumbai, 16-20 December 2007, p. 171.

'Nanoscale Insulated Shallow Extension MOSFET with Dual Material Gate for High Performance Analog Operations', 14th International Workshop on 'The Physics of Semiconductor Devices', Mumbai, 16-20 December 2007, p. 171.

R. Chaujar, Ravneet Kaur, M. Saxena, M. Gupta and R.S. Gupta: 'RF-Distortion in Sub-100nm L-DUMGAC MOSFET', 14th International Workshop on 'The Physics of Semiconductor Devices', Mumbai, 16-20 December 2007, p. 168.

'Two-Dimensional Analytical Threshold Voltage Model for Nanoscale SG-Concave MOSFET in Sub-50nm Regime', 14th International Workshop on 'The Physics of Semiconductor Devices', Mumbai, 16-20 December 2007, p. 221.

'Two-Dimensional Analytical Modeling and Simulation of Rectangular Gate Recessed Channel Nanoscale MOSFET in Sub-50nm Regime', Indo-Australian Symposium on 'Multi-functional Nanomaterials, Nanostructures and Applications', New Delhi, 19-21 December 2007, p. 110.

'Dual Material Gate SOI-MOSFET with Dielectric Pockets: Innovative Sub-50 nm design for improved switching performance', Indo-Australian Symposium on 'Multi-functional Nanomaterials, Nanostructures and Applications', New Delhi, 19-21 December 2007, p. 109.

'Effect of transport property on the performance of insulated shallow extension gate stack (ISEGaS) MOSFET', Indian Microelectronics Society Conference 2007 on 'Trends in VLSI and Embedded System', Panjab Engineering College, Chandigarh, 17-18 August 2007, p. 52.

'New Concave MOSFET with Transverse Dual Material Gate in Sub-50nm Regime: A Simulation Study', Indian Microelectronics Society Conference on 'Trends in VLSI and Embedded System', Panjab Engineering College, Chandigarh, 17-18 August 2007, p. 33.

Arijit Chowdhuri, V. Gupta and K. Sreenivas: 'Trace level H₂S gas detection with sputtered SnO₂ thin films loaded with CuO nanoparticles', Indo-Australia Symposium on 'Multi-functional Nanomaterials Nanostructures and Applications', Delhi University, 2007.

Ram Kumar, P. Muhid and J.S. Hwang: 'Intensity of Piscivory in the Invasive fish *Gambusia affinis* and its feeding impact on carp larvae: *Catla catla* and *Labeo rohita*', 12th World Lake Conference, Taal, Jaipur, 28 October-2 November 2007.

Ram Kumar, I. Ronser and R. Rehman: 'Elements of wetland conservation through divine inspirations in religious texts', 12th World Lake Conference, Taal, Jaipur, 28 October-2 November 2007.

Sona P. Kumar, Anju Agrawal, R. Chaujar, M. Gupta and R.S. Gupta: 'Impact of GME Design'.

Pankaj Tyagi, V. Paliwal, V. Gulia, N.C. Mehra and A.G. Vedeshwar: 'Morphology of different (hkl) oriented films of some metal iodides', Proceedings of 29th Annual Conference of EMSI on Electron Microscopy and Allied Fields, Delhi University, 26-28 November 2007.

K. Pandya, C. Ranjan, Pankaj Tyagi, N.C. Mehra and A.G. Vedeshwar: 'Thickness dependent morphology of BiI₃ films', Proceedings of 29th Annual Conference of EMSI on Electron Microscopy and Allied Fields, Delhi University, 26-28 November 2007.

Publications

Books

Bhagat, P. 2007. *Understanding Chemistry through Assertions and Reasons*. New Delhi: Jivan Publishing House.

Tyagi, P. 2007. *Self Tutor - Science PHYSICS – CBSE X*. New Delhi: Sultan Chand & Sons.

Kumar, S., Sehgal, N.K., Raman, J. and Kumar, V. 2007. *New Visualized Science (Class 7)*. New Delhi: Sultan Chand & Sons.

Kumar, S., Sehgal, N.K., Kapil, P.N. and Kumar, V. 2008. *New Visualized Science (Class 8)*. New Delhi: Sultan Chand & Sons.

Kumar, S. 2007. *Exploring Biology (Class X)*. New Delhi: Sultan Chand & Sons.

2008. *Visualized Biology (Class X)*. New Delhi: Sultan Chand & Sons.

Research Articles

Kuhar, M., Imran, S. and Singh, N. 2007. 'Curcumin and Quercetin Combined with Cisplatin to Induce Apoptosis in Human Laryngeal Carcinoma Hep-2 Cells through the Mitochondrial Pathway'. *J. Cancer Molecules*, 3: 121-8.

2007. 'Celecoxib Enhances the Chemotherapeutic Response of Cisplatin and Tnf-A in Siha Cells through Reactive Oxygen Species-Mediated Mitochondrial Pathway', *International Journal of Bio-medical Science*, 100-8.

Jaiswal, S. and Sawhney, S. 2007. 'Thidiazuron-induced hypertrophic growth from foliar discs of *Kalanchoe pinnata* leads to the visualization of a bioactive auxin gradient across leaf plane'. *In Vitro Cell. Dev. Biol.-Plant* (DOI: 10.1007/s11627-007-9084-z).

- Dheer, N., Kanojia, R., Chandra, C., Kim, H. and Singh, G. 2007.** '4-(2- pyridylazo)-resorcinol as effective corrosion inhibitor for mild steel in 0.5 M sulphuric acid'. *Surface Engineering*, 23: 187-93.
- Hooda, S., Brar, A.S. and Goyal, A.K. 2007.** 'Microstructure determination of 2 - Hydroxy Ethyl Methacrylate - Methyl acrylate Copolymers by NMR Spectroscopy'. *J. Mol. Str.*, 828: 25.
- Hooda, S. and Goyal, A.K. 2007.** 'Stereochemical configuration of Poly (2-Hydroxy ethyl methacrylate) by NMR spectroscopy'. *Ind. J. Chem.*, 46(A) 6: 899.
- Kidwai, M., Kukreja, S. and Rastogi, S. 2007.** 'Microwave Accelerated Multi-component Synthesis for a Novel Scaffold of Monastrol Analogues.' *Lett. Org. Chem.*, B: 357-61.
- Kidwai, M., Priya, Rastogi, S. and Singhal, K. 2007.** 'A New Microwave Assisted Synthetic Approach to Novel Pyrimido[4,5-d]pyrimidines'. *Can. J. Chem.*, 85 : 841-5.
2007. 'A Convenient Potassium Carbonate Catalysed Regioselective Synthesis for Benzopyrans[4,3-c]pyrazoles in Aqueous Medium'. 71 : 569-75.
- Bedi, P. and Gaur, V. 2007.** 'Quantification of Quality for Multi-agent System', Proc. CISTM'07 - 5th Annual Conference on Information Science Technology and Management, Hyderabad, pp. 72-1: 72-13.
2007. 'Refining Quality Requirements in Agent-Mediated E-Commerce from User's Trust', IEEE ACVIT'07 - International Conference on Advances in Computer Vision and Information Technology, Aurangabad, pp. 590-7.
2007. 'Prioritizing Quality Specifications of Multi-agent Systems', Proc. WCE'07 - The 2007 International Conference of Information Engineering, World Congress on Engineering, London, UK, 1 : 541-6.
2007. 'Evaluating Trust in Agent-mediated E-Commerce'. *International Journal of Technology, Knowledge and Society*, 3(3) : 65-74.
2007. 'Establishing Quality Requirements of Multi-Agent Projects'. *Information Technology Journal, Asian Network for Scientific Information*, 6(5) : 490-6.
2007. 'Trust based Quantification of Quality for Multi-agent Systems'. *Information Technology Journal, Asian Network for Scientific Information*, 6(3) : 414-23.
2007. 'Exploring the Interdependencies among Communication, Knowledge ability and Performance of Multi-agent Systems', Proc. WCE'07 - The 2007 International Conference of Information Engineering, World Congress on Engineering, London, UK, 1 : 547-52.
- Kaur, S. 2007.** 'Outlier Detection'. *Encyclopedia on Data Warehousing and Data Mining* 2nd edition). Idea Group Inc.

- Bhatnagar, V. and Kaur, S. 2007.** 'Exclusive and Complete Clustering', proceedings of DEXA, Germany. (*Springer Proceedings*).
- Aggarwal, D., Singhal, P., Kaur, S. and Bhatnagar, V. 2007.** 'PDOD: Tree based algorithm for Outlier Detection', Proceedings of CVIT, INDIA. (IEEE Proceedings).
- Garg, A., Kapoor, A., Bansal, H.K. and Tripathi, K.N. 2007.** 'Laser induced damage studies in mercury cadmium telluride'. *Optics and Laser Technology*, 39: 1319-27.
- Garg, A., Sharma, R. and Dhingra, V. 2007.** 'Automated systems for accurate measurement of acceleration due to gravity', International Council of Physics Education, Marrakesh, Morocco.
2007. 'Introduction of Virtual Instrumentation in undergraduate laboratory', WorldSTE 200, Australia.
- Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S. 2007.** 'Linearity Assessment in DMG ISEGaS MOSFET for RFIC Design', 19th Asia-Pacific Microwave Conference, Bangkok, Thailand, p. 2495.
2007. 'Electrical Characterisation of Insulated Shallow Extension MOSFET: A Punchthrough Stopper', 11th International Symposium on Microwave and Optical Technology, Villa Mondragone, Monte Porzio Catone, Italy, p. 813.
- Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2007.** 'Pre-Distortion Linearity Enhancement for Sub-50nm Gate Electrode Workfunction Engineered Recessed Channel MOSFET', 11th International Symposium on Microwave and Optical Technology, Villa Mondragone, Monte Porzio Catone, Italy, p. 797.
2007. 'On-State and Switching Performance Investigation of Sub-50nm L-DUMGAC MOSFET Design for High-Speed Logic Applications', International Semiconductor Device Research Symposium, University of Maryland, USA, p. 1892.
- Gangwani, P., Kaur, R., Pandey, S., Halder, S., Gupta, M. and Gupta, R.S. 2007.** '2-Dimensional Simulation and Characterisation of Deep Submicron AlGaIn/GaN HEMTs for High Frequency Applications', International Semiconductor Device Research Symposium University of Maryland, USA.
- Kumar, S.P., Agrawal, A., Chaujar, R., Kabra, S., Gupta, M. and Gupta, R.S. 2007.** 'Threshold Voltage Model for Small Geometry AlGaIn/GaN HEMTs Based on Analytical Solution of 3-D Poisson's Equation'. *Microelectronics Journal*, 38 : 1013-20.
- Singh, U., Singh, A.P. and Kapoor, A. 2007.** 'Homogeneous model for surface roughness in the Identical Double Layer System'. *Optics and Laser Technology*, 39: 247-55.
- Singh, U. and Kapoor, A. 2008.** 'Single layer Homogeneous model for surface roughness by polarized light scattering', *Optics and Laser Technology*, 40: 315-24.

2007. 'Effect of s and p Polarization on single layer Homogeneous model', Proc. SPIE, Boulder Damage Symposium-2007, NIST, Boulder, Colorado, 67201R.

Joshi, R. 2007. 'Two-photon transitions to Rydberg states of hydrogen'. *Physics Letters A*, 361: 352-5.

Prakash, O., Verma, M., Sharma, P., Kumar, M., Kumari, K., Singh, A., Kumari, H., Jit, S., Gupta, S.K., Khanna, M. and Lal, R. 2007. 'Polyphasic approach of bacterial classification- An overview of recent advances'. *Indian Journal of Microbiology*, 47: 98-108.

Khanna, M. 2007. 'Soil actinomycetes and their antibacterial and antifungal potential'. 'The challenges ahead', 48th Annual Conference of the Association of the Microbiologists of India, Chennai.

2007. 'Streptomyces SL-2 and *Streptomyces* SL-4 spp. nov., two novel species from a sanitary landfill soil', 14th International Symposium on 'The Biology of Actinomycetes', UK.

Hwang, J.S., Kumar, R., Dahms, H.U., Tseng, L.C. and Chen, Q.-C. 2007. 'Mesh size affects abundance estimates of Oithona spp. (copepoda, cyclopoida)'. *Crustaceana*, 80(7): 827-37.

Tseng, L.-C., Kumar, R., Dahms, H.-U., Chen, C.T., Souissi, S., Chen, Q.C. and Hwang, J.S. 2008. 'Copepod succession and community structure over a marine outfall area in the North-Eastern South China Sea'. *J. Mar. Biol. Asso. UK*, 88: 24-32.

AHILYA BAI COLLEGE OF NURSING

Major Activities

The College students participated in State and National level competitions. They also participated in Health Melas organised by the Central and State governments. In 2007-08, its students won several prizes in the Health Mela organised by MTNL. They also contributed in health check ups. Teachers and students regularly participate in the Pulse-Polio Immunization Programme.

Student Academic Distinctions

Name	Course	Position in the University
Ms. Beoma Panday	B.Sc. (Hons.) Nursing	I

Honours/Distinctions

Dr. Ms. Saroj Kumar, Vice-Principal of the College, won a State Award for meritorious service in the field of health care in Delhi from the Govt. of N.C.T. of Delhi in 2007-08.

Library Development

Books added : 30

AYURVEDIC & UNANI TIBBIA COLLEGE

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Mr. Subhash Chander	B.A.M.S.	I
Miss Shilpi Gupta	B.A.M.S.	II
Miss Preeti Rahi	B.A.M.S.	III
Miss Farha Ansari	B.U.M.S.	I
Miss Ruqia Parveen	B.U.M.S.	II
Miss Zareen Parveen	B.U.M.S.	III

Library Development

Total Budget	:	Rs. 8 lakh
Books added	:	1,478

Seminar/Conference held

National Ayurvedic Conference on Urinary Disorder, 13-18 February 2008.

Publications

Jamal, Y. *Afal-ul-aza.*

Ahmed, Z. *Moalijat-e-Jild, Moalijat-e-Khusus* (Ilaj-Bil-Tadbir).

Panda, S.K. *Sharir Kriya.*

Saleem, Md. *Tashreeh-ul-badan.*

ADITI MAHAVIDYALAYA

Major Activities

The College organised numerous educational lectures and activities for its students. The Computer Lab. was inaugurated with state-of-the-art infrastructure in July 2007. The Commerce Society organised a career talk on 20 February 2008 by the faculty of ICWAI. A special lecture on career counselling, communication skills, interview skills and resume writing was organised by the Magnus School of Business on 26 February 2008. The Department of Elementary Education organised theatre, craft, story telling and self development Workshops by eminent resource persons. The Department of Family and Child welfare invited guests to deliver talks on laws related to women and children. Ms. Chitra Panchkaran, Ms. Henary H. Dasan and Sh. B.B. Jain spoke on 'HIV AIDS : Myths and Misconceptions' and how to lead a stress-free life. The Department of Geography invited Prof. Noor Mohd. (Delhi School of Economics), Dr. Surender Singh (Shivaji College) and Dr. V.A.V. Raman (Bhagat Singh College) to orient the students. The Department of

Hindi organised special lectures on photography, radio, advertisement, translation, mass-communication and television for the students of Hindi Journalism and Mass Communication. Dr. Yamini Gautam from Maitrey College, Delhi University. A special lecture on Hindi Diwas organised on 14 September 2007. The Department of Nutrition and Health organised a 'Nutrition Mela' on the theme 'Rejuvenating Traditional Nutritional Practice'. A National research Seminar on 27 September 2007 was held in the college by the Department of Sanskrit in which scholars from all over India presented research papers. A Sanskrit Sambhasha Shivir was organised with the help of 'Sanskrit Bharti' and twenty-one students received the 'Sanskrit-Pratibha Puraskar' from the Delhi Sanskrit Academy.

New Courses Introduced

B.A. (Hons.) Geography

B.Com.

Honours/Distinctions

The Department of Sanskrit, Aditi Mahavidyalaya, was honoured with the 'Sanskrit Seva-Samman' by the Delhi Sanskrit Academy.

Dr. Upasna Seth bagged the first prize at the International Conference on 'Epigenesis : Empowerment for excellence in Home Science' for scientific poster presentation entitled 'Development of Nutrition Education Module for Healthy Lifestyle of Affluent Adolescents'. She also received the IDA President's award at the Annual National Conference of Indian Dietetic Association.

Seminar/Conference held

National Research Seminar was organised by the Department of Sanskrit, 27 September 2007.

Seminars/Conferences attended

Dr. (Ms.) Veenu Bhalla: Participated in International Conference and the Workshop on 'Emerging Directions in Global Education', India Habitat Centre, New Delhi, 3-5 March 2008.

Dr. Hema Gupta and Dr. Anu Jain: Attended a National Seminar on 'Banking in India: Thrust and Challenges', organised by the Department of Commerce, Delhi University, 25 January 2008.

Dr. Archana Swshilya: Attended a Seminar on 'The Dark side of Democracy : Lesson from Gujarat Elections 2007', organised by the Department of Political Science.

Ms. Manisha Wadhawa: Presented a paper titled 'Language Inadequacy - A Barrier in Mathematical Seminar on Mathematics Education- Expanding Vistas' at Lady Shri Ram College for Women, Delhi, 8-9 February 2008.

Publications

Anju, 2008. 'Impact of Metropolisation in Land Use and socio-economic Conditions in Urban fringe of Delhi: Case Studies', in Mrityunjay Jha, M. and Singh, R.B. (eds), New Delhi: Concept Publishing Company, pp. 195-213.

AMAR JYOTI INSTITUTE OF PHYSIOTHERAPY

Major Activities

On 15 December 2007, Amar Jyoti Institute of Physiotherapy celebrated its Annual Day 2008, in which the degrees were given to the 3rd batch and the prizes for earlier annual events were distributed. Other events in the 2007-2008 session included Zenith 2008.

A new Physiotherapy unit specialising in Paediatrics & Neuro physiotherapy was started last year. The library added 142 new books and the subscription of seven international journals were renewed. A team of students along with a faculty member attended the 46th Indian Association of Physiotherapists Annual Conference held at Dehradun from 10-12 January 2008 and presented scientific posters, and participated in various Inter-College events.

Student Academic Distinction

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Madhurima Shukla	BPT	III

Appointment of faculty member to higher Post/Assignment

Dr. Raju K. Parasher, Principal/Director : Appointed Chairman, Board of Studies-Sri Ramachandra University, Porur, Chennai.

Honours/Distinctions

Dr. Vikas Dhawan (PT): Visited Japan as the Official Physiotherapist of the Indian Women's Hockey team in June 2007.

Received certification in special techniques used in Sports from Power House Physiotherapy, Canberra, Australia, January 2008.

Seminars/Conferences attended

Dr. Hemant Juneja: Conducted two-day Workshop on 'Taping & Bracing Techniques in Sports Injuries', International Conference of Physiotherapy and Sports Sciences. Punjabi University, Patiala, October 2007.

Delivered a lecture on 'Low Back Pain: The Core Stability Concept', XIXth Annual Conference of Physiology, Institute of Physiotherapy, Faridabad Institute of Technology, December 2007.

Attended the Annual Conference of The Indian Association of Physiotherapists, Dehradun, and presented two posters on 'Patellofemoral Pain Syndrome' and 'The Core Stability' along with a team of students from the Institute, January 2008.

Dr. Vikas Dhawan: National Arthroscopy Conference at Sir Ganga Ram Hospital, New Delhi, March 2008.

Delivered a lecture on 'On field intervention' at the XIXth Annual Conference of Physiology held at the Indian Federation of Sports Medicine, New Delhi, November 2007, and at the Institute of Physiotherapy, Faridabad Institute of Technology, December 2007.

ATMA RAM SANATAN DHARMA COLLEGE

Major Activities

The year 2007-08 was an eventful one for Atma Ram Sanatan Dharma College. On the academic front, its students fared extremely well in the University Examination. On the other hand, various Departments of the College were abuzz with activities.

The Chemical Society organised an educational trip to Surjivan Farms (Gurgaon). A talk on 'Innovative Techniques in Undergraduate Chemistry Education' was also organised by the Society.

The Economics Society celebrated 'Eco Fest – 2007' and a Seminar on 'Special Economic Zone'.

The Mathematical Society organised a Seminar on 'Television a magic square'.

The History Society organised a heritage walk from the VC's Office to Mutiny Memorial to commemorate '150 years of the Revolt of 1857'. The Society also organised two talks on 'Coins, Crafts and Commerce during early centuries of Christian era' and 'State, Religion and People in Medieval India'.

The Physical Society organised two Seminars, 'Careers in Media' and 'Career in animation'. Another Seminar on 'The importance of standards and calibration' was addressed by the Director of BIS.

The Political Science Association organised a talk on 'Indo-US Nuclear Deal'.

Honours/Distinctions

Dr. Vinod Sethi, Reader, Department of Political Science: Received a Special award from Dr. Gowhar Rizvi, Director of the Ash Institute for Democratic Governance, Harvard University, for his outstanding contribution in promoting the establishment of SAARC University in New Delhi.

Dr. Vinod Sethi was the Special Guest of Honour at the Annual Convocation of International Management Centre, New Delhi. He spoke on 'Relevance of Management Techniques in Global Arena'.

Seminars/Conference attended

Dr. Rakesh: Presented a Research paper on 'Buddhism and its Message of Peace', at ICANAS-38 (International Conference of Asian and North African Studies), Ankara, Turkey, 9-15 September 2007.

Dr. Sanjay Singh Baghel: Presented a paper on 'Pradogiki and Hindi (IT and Hindi)' at India International Centre, New Delhi, at the 6th International Hindi Utsav, 2 February 2008.

Attended a two-day Workshop on 'Emerging media challenges amidst proliferation of conflicts - Internal and International', organised by the Press Institute of India and the International Committee of Red Cross at the Islamic Cultural Centre, New Delhi, 28-29 April 2007.

Presented a paper on 'Development Communication' at a Workshop at Chitrakoot, MP, organised by Vikas Samwad, Bhopal, and Hunger Project USA, 6-7 October 2007.

Library Development

Total Budget	:	Rs. 4,30,500.00
Books added	:	1,276
Journals subscribed	:	55

Publications

Sethi, V. 'My Thirty years' Association with Prof. C.A. Perumal'. 'Festschrift', University of Madras.

'Justice V.R. Krishna Iyer : The tallest jurist of 21st Century' (a nono gram). Capital Foundation Society.

Baghel, S.S. Prakash ki Chah. New Delhi : Hindi Akademi.

BHIM RAO AMBEDKAR COLLEGE

Major Activities

The College, for the first time, organised the Baba Saheb Bhim Rao Ambedker Memorial Lecture on the occasion of the Birth Anniversary of Baba Saheb, 4 April 2007.

Organised the East Delhi Centre for DU-NIIT joint programme for the benefit of undergraduate SC/ST students. The programme covered: (i) Information Technology; (ii) Oral and Written Communication in English; and (iii) Career Guidance and Customer Service Skills.

New Course Introduced

B.A. (Hons.) Applied Psychology

Library Development

Total Budget	:	Rs. 4,40,000.00
Books added	:	1,226
Journals subscribed	:	34

New Additions

Sh. Sibabrata Das	-	Geography	Dr. A.P. Singh	-	Social Work
Sh. Mohd. Shahid	-	Social Work	Ms. Tulika Sanahya	-	Geography
Ms. Tushti Bhardwaj	-	Social Work	Sh. Sanjay Sharma	-	History
Mrs. Sangeeta Verma	-	Commerce	Dr. Om Mishra	-	Hindi
Sh. Dhanjaya Kumar	-	Hindi	Dr. Rajbir Vats	-	Hindi
Dr. Hilal Ahmed	-	Political Science	Ms. Surbhi G. Garg	-	Economics
Sh. Narender Thakur	-	Economics	Dr. M.P. Meena	-	Commerce
Sh. Ajoy Prasad	-	Commerce	Ms. Arti Dhingra	-	Commerce

Appointment of faculty member to higher Post/Assignment

Dr. Tanmay Panda, Associate Professor, BITS, Pilani (Dubai Campus), UAE.

Seminars/Conferences attended

Dr. G.K. Arora: Invited to speak in an International Workshop on 'The New Forms of Cultural Co-operation in the Globalized World', St. Giorgio Cini Foundation, Venice, (Italy), 15-16 November 2007.

Dr. C.P. Sharma: 'A Hymn to Peace and Amity', International Conference on 'Travel Literature and India', Satyawati College (Evening).

Dr. Rakesh Shahani: Presented a paper titled 'Changing Face of Public Sector Banks in India', National Conference, Kamla Nehru College, Delhi University, January 2008.

Dr. Mohinder Singh Kadayan: Presented a paper on 'Global Warming: Challenges for Food Security in India', National Conference, Delhi University, 7 July 2007.

Dr. R. Thakur: Presented a research paper 'Wasteland and their Reclamation in Damodar River Basin', 29th Indian Geographic Congress, NAGI, Department of Geography, Mohanlal Sukhadia University, Udaipur (Rajasthan), 19-21 November 2007.

Publications

Books

Sahani, R. *Financial Markets in India*, 2nd edition. Delhi: Anamica Publishers.

Sharma, C.P. *The Novels of R.K. Narayan: A perspective*. Delhi: Prasangik Prakashan.

Kumar, S. *Bricks and Bouquets*. Delhi: Creative Publishers.

Singh, A.P. *Shram Kalyan Evam Samajik Suraksha*. Lucknow : Department of Social Work, Lucknow University.

Samajik Evam Manav Vikas. Lucknow : Department of Social Work, Lucknow University.

BHAGINI NIVEDITA COLLEGE

Major Activities

During the Annual Prize distribution Function 2007-08, in the presence of the Honorable Chief Minister of Delhi, the Honorable Minister of Urban Development announced the allotment of 3.5 acres of land adjacent to the present College premises.

New Course Introduced

B.Sc. Applied Science

Library Development

Total Budget	:	Rs. 1,75,000.00
Books added	:	1,071
Journals subscribed	:	50
New Journals added	:	02

Seminars/Conferences attended

Dr. Charru Sharma: Presented a paper in the 6th World Congress, International Drama & Education Association (IDEA), Hong Kong, July 2007.

Dr. Sharma: Second position in the best paper presentation category at the Platinum Jubilee International Conference, Lady Irwin College.

Presented a paper in the National Seminar on 'Indian Psychology: Theories and Models', SVYASA, Bangalore, 26-28 December 2007.

Presented a paper in the National Conference on 'Psychology, Technology and Society', IIT Kanpur, 17-19 December 2007.

Presented a paper in the VIII Annual Conference, Pacific Early Childhood Education Research Association in Hong Kong, July 2007.

Ms. Punita Sethi: Participated in a three-day Platinum Jubilee International Conference on 'Epigenesis Empowerment for Excellence in Home Science', Lady Irwin College, 4-6 October 2007.

13th Annual Conference of the Indian Society for Parenteral and Enteral Nutrition (ISEPEN), Department of Gastroenterology and Human Nutrition Unit, AIIMS, 12-14 October 2007.

Dr. Rachna Mohan: Presented a paper on 'Consumer Preference Patterns in Apparel Retailing in India', International Conference on 'The Transformation of Retailing: Developments in Retail in the Asia-Pacific Region and Their Implications', Oxford Institute of Retail Management, said Business School, University of Oxford, UK, in collaboration with the College of Management, Mahidol University, Bangkok, 4-6 September 2007.

She was given a cash award of Rs. 5,000 for the best paper presentation on 'Innovative Approach to E-tailing of Different types of Garments', International Conference for Apparel and Home Textiles I CHAT 2007, India Habitat Centre, New Delhi, 29 September 2007.

Dr. Vandana Sharma: Presented a paper on 'Shodh ki Samasyay', International Conference on 'The Research and its Consequences on Indian Music', Kriti Kala Sansthan and H.I.B.S., Agra, 4 October 2007.

Dr. Alokka Dutta: Presented a paper titled 'India's Foreign Policy in West Asia', two-day National Seminar on 'India's foreign Policy: Post 11 September Scenario', organised jointly by the Indian Council of World Affairs (Ministry of External Affairs, ICSSR), and Department of Political Science, Dyal Singh College, New Delhi, 11-12 April 2007.

Presented a paper titled 'Issues in Co-operative Security: Northeast Asian Strategic Concern', two-day International Seminar on 'Upcoming Horizon of India's relation with East Asia', RASK, New Delhi, 20-21 February 2008.

Publications

Book

Rana, S. *Vedic Sahitya Mein Sham Tattva.*

Sharma, C. (Co-author). *An Integrated Approach to Human Development: An Introduction.*

Research Articles in Books or Scholarly Journals

Gupta, V. 2007. 'Subaltern Historiography and Literary Aesthetics: A Reading of Mahasweta Devi's Fiction'. *The Quest*, 21(1).

Sharma, C. 2007. 'Invoking Creativity in Pedagogy through Creative Drama', in *Excellence in Home Science: Contemporary Issues and Concerns.*

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES

Major Activities

The College has bagged several University positions this year. This year the College also added four new lecture theatres, a gym and a girls' common room. The College is now also connected to the Delhi University LAN system through radio link. An Internet facility with 20 computers for the students has also been set up in the College library.

New Courses Introduced

B.Sc. (Hons.) Physics

B.Sc. (Hons.) Microbiology

Students Academic Distinctions

Name	Course	Position in the University
Ms. Aastha Deswal	B.Sc. (Hons.) Food Technology	I
Ms. Anusuya Borah	B.Sc. (Hons.) Food Technology	II
Ms. Meenal Gauri	B.Sc. (Hons.) Biomedical Science	II
Ms. Malvika Rawal	B.Sc. (Hons.) Biomedical Science	III

Library Development

Total Budget	:	Rs. 922374.00
Books added	:	2,167
Journals subscribed	:	26
Internet facility	:	20 for Students and Faculty

Honours/Distinctions

Dr. Saroj Kumar Shukla: Reviewer of the International Journal *Sensor and Actuators B* (Chemical), published by Elsevier.

Seminar/Conference held

One-day Seminar on 'Recent Development in Polymer Science', 30 August 2007.

Seminars/Conferences attended

Dr. Shivani G. Virmani: Attended Asian-Pacific Congress of Clinical Biochemistry, Beijing, China, 14-19 October 2007.

Dr. Purnima Anand: Attended a lecture by Prof. R.P. Singh, Principal Research Scientist, Plant Division Agriculture, Canada (recipient of Outstanding Scientist of Canadian Government and Outstanding Research award of American Phytopathological Society), Department of Microbiology, Delhi University, 18 January 2008.

Dr. Lalit Kapur: Attended a two-day National Seminar on Green. Chemistry and Natural Products, Department of Chemistry, Delhi University.

Mr. Bhavya Deep: Attended a one-day Symposium on Information Security, Department of Computer Science, Delhi University, 27 April 2007.

Attended a National Symposium on 'Science of Life – The New Horizon', Miranda House, Delhi University, 21-23 November 2007.

Dr. Shivani G. Virmani: Attended a Seminar on 'Bioinformatics and Molecular Modelling in Drug Design', B.R. Ambedkar Centre for Biomedical Research, 30 January 2008.

Attended a National Conference on 'Showing Cutting Edge Science & Technology by Women', Vigyan Bhavan, New Delhi, 8-9 March 2008.

Dr. Uma Chaudhary: Attended a National Conference of the Association of Clinical Biochemistry of India, Indian Habitat Centre, New Delhi, 18-20 December 2007.

Dr. Uma Dhawan: Attended a National Symposium on 'Science of Life: The New Horizon', Miranda House, Delhi University, 21-23 November 2007.

Dr. S.K. Shukla: Attended a National Seminar on 'Impact of Non Equilibrium Thermodynamics on Science and Technology', Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, 24-25 October 2007.

Attended a National Seminar on 'Chemistry Education and Research in 21st Century', Dyal Singh College, Delhi University, 7-8 February 2008.

Ms. Ragini Jindal: Presented a paper titled 'Study of Asymmetric Vibration of Transversely Isotropic Annular plates' at Conference on 'Challenges and Applications of Mathematical Modelling Techniques in Building Science & Technology', CBRI, Roorkee, 7-8 February 2008.

Ms. Neeru Sharma: Presented a paper titled 'Generalized Weyl's theorem for algebraically M-hyponormal operators' in the 'International Conference on 'Operator theory and Related Areas'', Department of Mathematics, Delhi University, 9-12 January 2008.

Mr. Avneesh Mittal: Presented a Technical paper titled 'Genetic Algorithm Based Adaptive proxy Temperature Controller' in the 32nd National Symposium on Instrumentation (NSI-32), K.S. Rangaswamy College of Technology (CNST & ECE) K.S. Kalvi Nagar, Tiruchengole, Tamil Nadu, 24-26 October 2007.

Dr. S.K. Shukla, Lakshmi, Lallan Mishra and R.P. Rastogi: 'Thin Film Exothermic Solid State Reaction between Hydrated Salts', National Seminar on 'Impact of Non Equilibrium Thermodynamics on Science and Technology', Dr. B.R. Ambadkar National Institute, Jalandhar, 24-25 October 2007.

Dr. S.K. Shukla, G.K. Parashar, B.C. Yadav, A. Srivastava, R.K. Shukla and G.C. Dubey: 'Metal oxide nano particles for humidity sensors by optical method', National Conference on Nano Materials and Nano Technology, University of Lucknow, Lucknow, 8-10 December 2007.

Dr. Ranjeet Singh Thakur: Presented a paper in National Seminar on 'National Knowledge Commission's Recommendations on Libraries, Bangalore, 19-20 September 2007.

Publications

Books

Sadhu, S.D. (Co-author). 'Elastomer-Club Nano Composites' in *Current topics in Elastomer Research*. New Delhi : Taylor and Francis Group.

Research Articles in Books or Scholarly Journals

Bhatt, G. 2007. 'Study of structure and electrical characteristics of silicon oxynitride layers synthesized by dual ion implantation in silicon and their annealing behaviour', International Conference on 'Semiconductor Technology for Ultra Large Integrated Circuits and Thin Film Transistors', Barga (Tuscany), Italy, 29 July-3 August 2007 at, Il Ciocco Hotel and Conference Center. The paper was also published in *ECS Transactions*, 8(1): 117-23.

Jindal, R. 2007. 'Vibration of Non homogeneous Orthotropic Elliptic and Circular plates with variable thickness'. *ASME Journal of Vibration and Acoustics*, 129 (2) : 256-9.

2007. 'Effect of non homogeneity of natural frequencies on vibration of elliptic plates'. *Meccanica*, 42(6) : 585-99.

Chaudhary, U. 2007 with **Kumar, N., Shukla, S., Suryawanshi, A.K., Chaudhry, U., Ramachandra, S. and Maiti,** 'Intrinsically disordered protein from a pathogenic mesophile Mycobacterium tuberculosis adopts structured conformation at high temperature'. *Proteins*.

Dhawan, U. 2007. Published paper on 'SCA 1, SCA 2 & SCA 3/ MJD mutation in ataxia syndromes in Southern India'. *Indian JMED Res.* 126, 465-70.

Shukla, S.K., Tiwari, A., Mishra, A.P., Dakate, S.R. and Shukla, S.K. 2007. 'Synthesis of Electrically Active Biopolymer-Sio₂ Nanocomposite Aerogel', *Materials Letters*, 61, 4587-9.

Pal, P.S. 2007. Published a paper 'Turbulent compressible convection with rotation penetration below a convection zone' in *Astrophysics and Space Science*.

2007. Communicated a paper 'Turbulent Compressible Convection with rotation – Penetration above a convection zone' in *Astrophysics and space Science*.

Marwah, R.G. 2007. Published paper entitled 'Musanol: A new aureonitol-related metabolite from a chaetomium', Marwah, Ruchi G., et. al. sp. *Tetrahedron*, pp. 1-7.

2007. Published paper entitled 'Antioxidant capacity of some edible & wound healing plants', Marwah, Ruchi G., et. al. in *Oman Food Chemistry*, 101, pp. 465-70.

BHARATI COLLEGE

Major Activities

The College was selected for the launch of two major pilot projects: the first was 'Fundamentals of Banking', to be administered jointly with ILLI, Department of Commerce and ICICI Bank. The other was the 'Proficiency Course in English' in co-operation with ILLI. The College also continued, with the help of the American Centre, to host an English Language Fellow. Mr. John Silver will work with the Department of English at Bharati College on a number of projects through the year.

Library Development

Total budget	:	Rs. 5,61,500.00
Books added	:	1,329
Journals subscribed	:	46

Appointment of faculty members to Higher Posts/Assignments

Dr. Asha Gupta: Appointed Director at the Directorate of Hindi Medium Implementation, University of Delhi.

Dr. Sonali Jain: Awarded the Charles Wallace Fellowship to be Translator-in-Residence at the University of East Anglia, UK.

Dr. Rekha Sapra: Appointed a referee for the MERI *Journal of Education* published by the Management and Educational Research Institute.

Seminars/Conferences attended

Ms. Vinay Bhardwaj: Presented a paper, 'Dilemmas of Urban Governance- Case of Unauthorised Constructions in Delhi' at the National Seminar on 'Women's Struggle for Legal Rights in Independent India'.

Dr. Kanta Rani Bhatia: Read papers at the National Seminar on Kalidas at the All India Oriental Conference at the South Campus, University of Delhi, and the WAVES International India Conference at Vrindavan.

Dr. Shyamala Bhatia: Presented a paper 'Medieval Indian Society as Depicted in the Guru Granth Sahib' at the International Seminar at Aligarh Muslim University.

Ms. Nandini Chaudhary Sen: Presented a paper 'Joys of Motherhood: A Comparative Study of Buchi Emecheta and Mahashweta Devi' at the African Literacy Association Conference at Pittsburg, USA, and 'Created Communities and Marginalization in Farida Karodia's *Crossmatch* (*fch*)' at the International Conference on the Indian Diaspora at JNU, She also read a paper titled 'Women and War as Depicted in the Works of Buchi Emecheta' at the Annual Conference of the African Literature Association at Macomb, Illinois, USA.

Ms. Gitanjali Dey: Presented a paper 'The Image of a Sufi in a Non-Persian Text: Saka Sribhodaya of Halayudha Mishra' at the 67th Indian History Congress at Calicut. The paper was awarded the J.S. Grewal Prize in the Medieval India Section.

Dr. Fatima Hussain was invited by the Rhodes International Writers and Translator's Council (TSWTC) of Sweden to present her paper 'Constructing Paradigms of Religious Conflict Resolution through the Heer Waris Shah' at Stockholm.

Publications

Books

Gupta, A. *Higher Education in the Twenty First Century looking beyond University.* Shipra Publications.

Private Higher Education: Emerging Global Trends. Shipra Publications.

David C Levy and Powar, K.B. (eds). *Indian and International Institutions in Private Higher Education.*

Jain, S. (trans.). *Baby* by Vijay Tendulkar in *Compeduim of the Works of Vijay Tendulkar*, Pune.

Sapra, R. (ed.). *Integrated Approach to Human Development: A Textbook.* Vishvabharti Publications.

Sapra, R. and Rakhi, J. (trans.), *Manav Vikas: Ek Parichay.* Vishvabharti Publications.

Sanyal, M. and Varma, P. *English at the Workplace II, A Textbook in English for students of the BA Programme at Delhi Univerity.* New Delhi : Oxford University Press.

Fluency in English II, A Textbook in English for students of the BA Programme at Delhi University. New Delhi : Oxford University Press.

Articles

Bhardwaj, V. 'Changing Perception of Women in Development Planning', in *Women and Development.*

Chapters in the textbook *Human Rights, Gender and the Environment for the B.A. Programme at Delhi University.*

Bhatia, S. 'Madhya Kal Vich Samajic Te Artic Paristithiyan' in *Gurbani Charan.*

'Prarambhic Adhunik European Samaj me Saksharta, Siksha tatha Print Madhyam ki Bhumika' in the textbook *Prarambhic Adhunik European Samaj me Sanskritic Parivartan.*

COLLEGE OF ART

Major Activities

The Convocation for the Batch of 2005-06 of BFA and MFA was held on 28 November 2007, at the College. 105 students from BFA and 23 Student from MFA received their degrees. The College organised the Annual Art Exhibition from 12-20 March 2008.

Seminar/Conference held

A National Level Seminar-cum-workshop was hosted by the College for senior students of art from 14 major Art Colleges in the country, 17-22 September 2007.

Seminars/Conferences attended

Sh. Ashok N. Ninawe: Participated in a Group Show at AIFACS Art Gallery, New Delhi, 2007, and Palm Court Gallery, New Delhi, 2008.

Sh. R.S. Dey: Conducted a Photography Workshop for the Annual Seminar.

Smt. Archana Sharma: Participated in a Group Show, Travancore Art Gallery, New Delhi, 2007, and Palm Court Gallery, New Delhi, 2008.

Sh. Mohan Singh: Studio Asst., held his Solo Show in Gallerie Ganesha and participated in several prestigious group shows in India and overseas, including, the Rashtrapati Bhawan, in 2007.

COLLEGE OF VOCATIONAL STUDIES

Major Activities

The Principal of the College, Dr. Inder Jeet, chaired a session on Technical and Management Education at an International Conference 'Marketing of Higher Education Abroad', jointly organised by IGNOU and IMM. He also chaired a technical session at a National Conference on 'Future Challenges of Disaster Management in India' organized by All India Foundation for Peace and Disaster Management. He attended an International Conference and Workshop on Emerging Directions in Global Education organized in collaboration with College Board, USA and IIM Bangalore. He also attended the 8th International Conference on 'Emerging Issues in Accounting, Information Technology, Business and Management', Jaipur on 5-6 January 2008.

Honours/Distinctions

Mrs. Richa Malhotra: Awarded Ph.D. degree in History by JNU with the support of research grant by the Charles Wallace Trust, UK.

Dr. Kumar Ram Krishna: Awarded Ph.D. Degree in History by Delhi University.

Mrs. Gauri Mishra: Awarded Ph.D. Degree in English by the Central Institute of English and Foreign Language, Hyderabad.

Library Development

Total Budget	:	Rs. 6,00,000.00
Books added	:	1,523
Journals subscribed	:	15

Seminars/Conferences attended

Dr. Prem Prakash: Inaugurated and presided over the Seminars organised by Sahitya Academy in Himachal Pradesh and Madhya Pradesh.

Mr. Surender Singh: Attended an International Conference on 'Emerging Issues in Accounting, Information Technology, Business and Management', Jaipur.

Dr. Inder Jeet, Mr. Surender Singh, Mr. Sunil, Mr. R.C. Yadav, Mrs. Meenakshi Aggarwal, Ms. Rekha Rani and Dr. R.K. Chopra: Attended a National Conference organised by the Department of Financial Studies, Delhi University, on Wealth Maximization, New Delhi, 3 November 2007.

Dr. S.K. Bajpai: Attended a National Conference on 'Knowledge, Information and Networking', organised by DELNET in December 2007.

Publications

Jeet, I. (Co-author) *Business Law*.

Guha, N. 2008. *Dark Afternoon* (English translation of *Kharap Chhele*). New Delhi: Katha.

Research Papers

Deb, Ashish Taru. 2008. 'Theoretical Framework of competition as applied to Banking Industry'.

2008. 'Operational zing measuring competition: Determinants of Competition'.

DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH

New Courses Introduced

M. Pharmacy

Pharmaceutical Chemistry

Clinical Research

Pharmacy Management

Herbal Drug Technology

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Chaitali Passey	B. Pharm.	I
Nimisha Kruthi	B. Pharm.	II
Shweta Gupta	B. Pharm.	II

Library Development

Total Budget

Books	:	Rs. 4.00 lakh
Journals	:	Rs. 8.00 lakh
Books added	:	420
Journals subscribed	:	10 National 10 International

New Addition

Dr. G.N. Roy : Lecturer (Clinical Research Lab.)

Honours/Distinctions

Prof. S.S. Agrawal, Director: Awarded Honorary D.Sc. Degree from Rajiv Gandhi Technical University, Bhopal.

Awarded Principal of the Year Award by the Association of Pharmaceutical Teachers of India.

Seminar/Conference held

Second International Symposium on 'Recent Advances in Cardiovascular Sciences', G.K. Narayanan Auditorium of the Delhi Institute of Pharmaceutical Sciences and Research, 28 February 2008.

Seminars/Conferences attended

Dr. Maninder Minu: International Symposium on 'Designing the Future, New Medicines and New Methods, Central theme, Drug Discovery and Drug Delivery', Bombay College of Pharmacy, Hyatt Regency, Mumbai, 18-19 January 2008.

Dr. Rajani Mathur: Indo-US Symposium on 'Novel Therapeutic Approaches for the Treatment of Neurological Disorders', conducted by AIIMS, New Delhi, 19 November 2007.

Fifty-ninth Indian Pharmaceutical Congress, Banaras Hindu University, Varanasi, 20-23 December 2007.

Fortieth Indian Pharmacological Society at NIPER, Mohali.

National Symposium on 'Awareness, Preparedness and Mitigation of Exposure to Domestic and Industrial Chemicals' conducted by AIIMS, New Delhi, 30-31 August 2007.

Publications

Books

Agrawal, S.S., Gupta, M. and Kesari. 2007. *M, GATE MCQ'S in pharmacy – Made easy*. S. Vikas & Company. Released in Indian Pharmaceutical Congress, Varanasi.

Agrawal, S.S. and Paridhavi, M. Textbook of '*Herbal Drug Technologies*', released at IPS Conference, Jaipur, India: Orient Longman.

Agrawal, S.S. *Clinically useful herbal drugs*, released by L.G. Delhi: Ahuja Publications.

MCQs in Pharmacy and medical sciences, 1st and 2nd editions, released by Choudhary, R. Roy. Delhi: Ahuja Publications.

2007. Proceedings of Conference on 'Recent Advances in Cardiovascular Sciences'.

Gupta, S.K., Singal, P.K. and Agrawal, S.S. (eds). *Pharmacotherapy of Heart Failure*. New Delhi: Anamaya Publishers.

Monographs

14 Quality Improvement Programme Monographs comprising, pp. 60-70.

Chapters written in standard books

Gupta, S.K., Srivastava, S., Agrawal, R. and Agrawal, S.S. 2007. 'Lycopene: Cataract and Oxidative Stress' in *Lycopene: Nutritional, medicinal and therapeutic properties*.

DELHI COLLEGE OF ARTS & COMMERCE

Major Activities

The main stress of the institution is on job-oriented courses like Advertisement and Sales Promotion Management, Business Data Processing and Foreign Languages, such as German and Spanish.

Seminars, Group discussions and lectures by eminent specialists are organised on a regular basis which enhances the problem-solving abilities of the students.

Job Placement Cell: Many well-known multinational companies like, Ernst and Young, Google, Capital, I.Q., Genpact, I.B.M., L & T, Max New York Life Insurance Company and HCL visited the College for campus recruitments.

Library Development

Total Budget	:	Rs. 4,00,000.00
Books added	:	1,249
Journals subscribed	:	25

Honours/Distinctions

Ms. Smita Banerjee: Received the C.S.D.S. Independent Fellowship 2007-2008, for a project on popular Bangla films.

Elected Executive Member for IACLALS.

Seminar/Conference held

Three-day Seminar on '21st Century Renaissance: Transformation in Technology and life', 2-4 April 2007.

Seminars/Conferences attended

Mr. Rajesh Kumar: Co-ordinated the 3rd International Congress of Asian Political and International Studies Association, 23-25 November 2007.

Dr. Mukesh Bagoria: Participated in a Seminar on 'Corporate Governance', Department of Business Economics, and presented a paper at an International Conference at Jawaharlal Nehru University, New Delhi.

Dr. Nigam: Presented a paper at the National Convention of the Institute of Company Secretaries of India, Jaipur.

Presented a paper at the National Seminar of Southern India Regional Council, Institute of Company Secretaries of India, Madurai.

Chief Guest and delivered the keynote address at National Seminar on 'Branding the H.R. Policies'.

Chief Guest at the Seminar on Corporate Governance, Vivekanand College, Coimbatore.

Delivered a special lecture at the Department of Business Management, Periyar University, Salem, on Corporate Governance.

Delivered keynote address at the National Seminar on 'Information Technology and Communication : Technique Applicable to Business'.

Attended a Seminar sponsored by ONGC and a UGC-sponsored Seminar on Corporate Ethics, Chennai.

Dr. M.S. Rawat: Presented a paper on Case Study Writing in a Validation Workshop organised by I.I.P.M., March 2007.

Participated in a National Seminar on Leading Academics, 'Dimensions of Educational Leadership', Christ College, University of Bangalore.

Participated in the Higher Education Summit at FICCI and in the IX Biennial International Conference organised by IFCAI.

Participated in the 2nd International Conference on Management, organised by IBSA, Ahmedabad, and 2nd International Conference on Technology and Innovations for Knowledge, at SCOPE Complex.

Dr. Neeru Kapoor: Presented a paper at the UGC sponsored National Seminar, 21st Century Renaissance: Transformation in Technology and life' at DCAC.

Dr. Devika Narula: Attended an International Workshop on French Canadian Studies, Jawaharlal Nehru University.

Dr. Anita Bhela, Ms. Vinita Gupta Chaturvedi and Dr. Devika Narula: Attended an International Seminar on Diasporic Writing, IGNOU.

Dr. Anita Bhela: Attended an International Conference at IIC on 'Swaraj in Literature: Decolonization, Social Justice and Cultural Identity'.

Attended a National Seminar on the Mahabharata at Venkateshwara College.

Ms. Smita Banerjee: Participated in an International Seminar organised by Indian Association for Commonwealth Literature, Udaipur.

Ms. Deepti Tandon, Dr. Anita Bhela and Mr. A. Balakrishnan: Presented a paper 'UGC sponsored National Seminar', organised by DCAC, April 2007.

Dr. Amrit Kaur Basra: Presented a paper entitled 'Rulers Women and Ideology of Governance in early colonial', Indian History Congress, New Delhi.

Presented a paper titled 'Some Perspectives on the containment of Communal violence in colonial India' at a Seminar organised by IIPM.

Publications

Saxena, S. 2007. Co-authored a Commissioned paper for the Indian Macro Economics Annual titled 'Macro Economics and sustainable accounting of resources and Income'.

Article

Contributed an article on 'Trusteeship' Moral and Spiritual Approach to Economics' in *Reading Gandhi*, (ed.) Jolly, S.K.

Book

Chauhan, S.P.S. *Macro Economic Analysis*.

DELHI COLLEGE OF ENGINEERING

Major Activities

Delhi College of Engineering is one of the premier Colleges of Engineering Education in India. It has played a unique and important role in the advancement of technical education. Delhi College of Engineering has produced engineers who are occupying prestigious positions in India and abroad. In 2007-08, 84 companies visited DCE, which has resulted in 131% placement. The highest pay package of Rs. 45.00 lakh per annum has been secured by DCE students. The average salary of students is Rs. 5.5 lakh. Many National and International companies of repute (TCS, Infosys, HCL, Wipro, L & T, Schneider, DE Shaw, Maruti, Yahoo, Ashok Leyland, Bechtel, Alstom, Hughes systique, Reliance Energy, LG electronics, BHEL, Samsung Electronics, Mahindra & Mahindra, Nestle, EIL, Lehman Brothers, Crompton Greaves, DRDO, Oracle, IOCL, HPCL, Mckinsey, Ernst & Young, Unitech, Bharat Electronics Ltd., etc.).

Library Development

Total Budget	:	Rs. 1.7 crore
Books added	:	11,000
Journals subscribed	:	1500

New Additions

Dr. Muneender Kumar	:	Civil Engg.
Mr. Raju Sarkar	:	Civil Engg.
Mrs. Mini Sree Jeth	:	Electrical Engg.
Mr. A.B.K. Bhattacharya	:	Electrical Engg.

Appointment of faculty members to higher Posts/Assignments

Prof. P.R. Bose: Deputed as Principal, Govt. Engineering College, Jaffarpur, Delhi.

Prof. O.P. Sharma: Deputed as Principal, Govt. Pant Engg. College, Okhla, New Delhi.

Honours/Distinctions

Prof. Asok Bhattacharyya: Awarded best IEEE Asia-Pacific Region Student Branch Counsellor for 2007. (IEEE: Institute of Electrical & Electronics Engineers, New York, USA).

Through UK-India Education & Research Initiative, British Council (India), Prof. R.K. Sinha of Applied Physics Department had visited the University of Glasgow, Cambridge University, Southampton University of Bath, Manchester University, Strathclyde University and Citi University, London with a view to establishing collaborative research in the area of Nano-photonics during May/June 2007.

Prof. R.K. Sinha: Awarded Japan Society for Promotion of Science Fellowship-2007 to carry out research work on Multicore Photonic Crystal Fibres, Hokkaido University, Sapporo, Japan.

Awarded Royal Academy of Engineering Fellowship from U.K. to carry out joint research on Fabrication of Photonic Crystal Based Devices and shall work on Optoelectronics Research Group, Department of Electronics & Electrical Engineering, University of Glasgow.

Dr. Nao Kant Deo: Awarded Postdoctoral Fellowship by the Chinese Academy of Science CAS-TWAS (UNESCO).

Prof. Naveen Kumar: Invited by National Research Institute for Chemical Technology (NARICT), Zaria, Kaduna, Nigeria, 17-21 December 2007, to deliver expert lecture on state of Biodiesel Research in India.

Invited by Kreido Biofuels, Camarillo, California, USA, to deliver expert lecture on Biodiesel Production from Non-Edible oils in India, 11-13 March 2008.

Awarded pioneer research project on 4 December 2007 by Yanmar Co. Ltd. (Japan) to assess the suitability of neat jetropha biodiesel in a Yanmar diesel engine.

Prof. R.S. Mishra: Awarded Energy Conservation Award in International Conference, Indian Institute of Ecology and Environmental, 31 December 2007.

Prof. R.K. Sinha's research paper on 'Carbon Nanotube Density Control by Titanium capping for improved field emission' was awarded the Best Research Paper in poster session in Electron Microscopy and Allied Fields related Conference, Delhi University, 26-28 November 2007.

Seminars/Conferences held

Dr. Vishal Verma: International Workshop on 'Broadband over Powerlines: Application, Issues, Perspectives and Business Roadmap', 14 January 2008.

Prof. A. Trivedi and Dr. R.C. Sharma: Two-day National Workshop on Business Awareness, 29 February-1 March 2008.

Dr. A.P. Gupta: One-day National Conference on 'Innovation in Polymers'.

Prof. S.K. Singh: One-day National Workshop on 'Air Quality Assessment in Delhi after CNG introduction', 26 February 2008.

Prof. S.K. Garg: One-day National Seminar on Biotechnology & Bioengineering, 19 December 2007.

Dr. A.K. Jha: One-day National Seminar on Bio Nanotechnology and Engineering Materials, 26 October 2007.

Seminars/Conferences attended

Dr. A.K. Jha: Participated in the 2nd International Workshop on Smart Materials and Structures at Kiel, Germany.

Participated in an International Conference on Electroceramics at Amsha, Tanzania.

Mr. Rajiv Chaudhary and Mr. R.C. Singh: Attended the 15th ISME International Conference on Advances at RGTU, Bhopal, 18-20 March 2008.

Dr. Archana Rani: Participated in IUPAC sponsored International Conference on Agrochemicals Protecting Crop, Health & Natural Environment, IARI, Delhi, 8-11 January 2008.

Publications

Jha, A.K. 2008. *A Text book of Physics.* New Delhi : Galgotia Publisher.

Singh, S. 2008. *Economics for Engineering.* New Delhi : I.K. International.

Taneja, H.C. 2007. *Advanced Engineering Maths.,* Vol. I & II. New Delhi : New Age.

Jain, N.K. 2007. *Experiments in Electronics Engineering.* New Delhi : Dhanpat Rai.

2008. *Automatic Control Engineering.* New Delhi : Dhanpat Rai.

- Bhattacharya, A. 2007.** *J. Active & Passive Electronics Devices*, 2: 117.
- De, A. 2007.** *J. Progress in Electromagnetic waves and applications*, 21(10); *Microwave & Optical Technology Letters*, 49(9).
2008. *Radio Science* 42, Rs 4024 IET-Microwave Antenna & Propagation 42.
- Arora, A. 2008.** *Int. J. Refrigeration*, online.
- Goldie, G. 2008.** *ACM Ubiquity*, 9(10).
- Garg, S.K. and Singh, R.K. 2007.** *Int. J. Productivity & Quality Management*, 2.
- Gupta, A.P. 2007.** *Polymer Plastic Tech. & Engg.*, USA, 46: 273.
2007. *Polymer Plastic Tech. & Engg.*, USA, 46: 281.
2007. *Polymer Plastic Tech. & Engg.*, USA, 46: 743.
2007. *Polymer Plastic Tech. & Engg.*, USA, 46: 759.
2007. *J. Appl. Polymer Science*, USA, 106.
- Jha, A.K. 2007.** *Solid State Communication*, 142.
2007. *Ferroelectrics*, 356.
2007. *J. European Ceramic Society*, 27.
2007. *Ceramics International*, 33.
- Kumar, N. 2007.** *J. Sci. & Ind. Res.* 66: 399.
- Kumar, P. 2007.** *Proc. Analog Signal Processing Magazine*, 50(147).
- Kapoor, R. 2007.** *Int. J. Energy Technology & Policy*, 5(6).
2007. *J. of I.E.*, 8(9).
- Samsher. 2007.** *J. Power & Energy*, UK, 221(1).
2007. *J. Power & Energy*, UK, 221(2).
- Singh, C.P. and Kumar, S. 2007.** *Classical & Quantum Gravity*, 24.
2007. *Pramana – J. Physics*, 68.
2007. *Astrophysics Space Science*, 310.
2007. *Astrophysics Space Science*, 312.
2007. *Int. J. Theoretical Physics*, 10773.
2008. *Int. J. Modern Physics*, 23.

- Singh, S. 2007.** *Perspectives in Education*, 3.
2007. *Perspectives in Education*, 30.
- Singh, R.K. 2008.** *Int. J. Seh. & Op. Mgmt.*, 4(181).
2007. *J. Modelling Mgmt.* 2(232).
2007. *Int. J. Prod. & Pcef. Mgmt.* 56(4).
2007. *S. Asian J. Mgmt.*, 14(3).
- Sinha, R.K. 2007.** *Applied Optics*, 46.
2007. *J. Advanced Studies in Theoretical Physics*, 1.
- Trivedi, A. 2007.** *J. Geotechnical & Geo-environmental Engg.* ASCE, 28.
2007. *Geotechnical & Geological Engineering, Amsterdam*, 25.
- Verma, G.L. 2007.** *e-Polymers*, USA, 4.
2007. *Current Science*, 93(4).
2007. *J. Polymer Materials*, 24(1).
- Verma, V. 2007.** *IEEE Transactions on Industrial Electronics*, 54(1).
2007. *Int. J. Electrical Power & Energy Systems*, 29(4).
- Maji, S.** *SAE Pr No. 2007-01-0901.*
SAE Pr No. 2008-28-0013.
SAE Pr No. 2008-28-0072.
- Indu, S. 2008.** *Nat. Conf. Computer Vision*, NCVPRIPG 08.
- Rajesh. 2008.** *BIOCOMP 2007, Las Vegas*, USA.

DEEN DAYAL UPADHYAYA COLLEGE

Major Activities

After the Orientation Programme held on 14 July 2007 for the benefit of first year students, the College organised a function for induction of the new course – Bachelor of Business Studies. The Founder's Day celebration was held on 25 September 2007. Dr. O.P. Kohli, Former Member of Rajya Sabha, was the Chief Speaker and Dr. Harsh Vardhan, Former Minister of Health, Govt. of NCT of Delhi, graced the occasion as Chief Guest. 'VANDE MATARAM', the Inter-College Choir and Classical Dance competition, was organised in collaboration with the Culture Council of Delhi University on 26 September 2007.

Due to the efforts of the Placement Cell, several IT companies like Infosys, Tata Consultancy Services, WIPRO, Satyam Computers, Tech. Mahindra and Igate visited the Campus for recruiting students in their esteemed organisations and 47 students of B.Sc. (Hons.) Computer Science, B.Sc. (Hons.) Electronics and B.Sc. (Hons.) Physics were selected. Some students had multiple placement offers from these companies. Apex Laboratories, a leading pharmaceutical company, selected four students from B.Sc. (Prog.). IBM-Daksh, a leading BPO, also selected 12 students from various streams.

New Courses Introduced

Bachelor of Business Studies.

‘Effective Communication and Personality Development through Theatre’ – ‘Fingerprint and Document Examination’.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Ankit Rajpal	B.Sc. (Hons.) Computer Science	II
Arpan Agarwal	B.Sc. (Hons.) Computer Science	III
Pawan Kumar	PGDCA	I
Megha Tyagi	PGDCA	III

Library Development

Total Budget	:	Rs. 8,27,500.00
Books added	:	1,842
Journals subscribed	:	59 Print Journals + 4000 e-Journals through UGC-Infonet Delhi University Campus Network.

Seminar/Conference held

Two-day Seminar on ‘Corporate Challenges in Competency Development – Contemporary Issues’ by CommUNITY – The Commerce Society, 14-15 December 2007.

One-day Seminar on MODERNISM, Department of English of the College.

Seminars/Conferences attended

Dr. Ratnesh Saxena: Presented a research paper in the 2nd Mathematical Programming Society International Conference on Continuous Optimisation, Mc Master University, Ontario, Canada.

Dr. Nupur Verma was among the 13 scientists selected from India to attend and to give an invited talk in the 2nd Indo-French Workshop held in Gif-Sur-Yvette, Paris, France, 29 October to 3 November 2007. She gave a talk on ‘Effect of external fields on cold collisions’.

Dr. T.N. Chhabra: Attended the 9th International Conference on Management of Transformation, Delhi School of Professional Studies & Research and GGSIP University, Delhi, 3-5 January 2008.

Dr. Deepak Jain: Attended a Conference on 'Summer School on Cosmology', ICTP, Trieste, Italy, July 2007.

Honours/Distinctions

Dr. R.M. Bhardwaj, Dr. Poonam Suri, Dr. Poonam Kasturi, Dr. Manoj Saxena, Dr. Avninder Kr. Singh and Dr. Nupur Verma: Conferred Doctor of Philosophy, Delhi University, 23 February 2008.

Dr. Hem Chand Jain: Awarded Ph.D. by the University of Rajasthan.

Publications

Books

Chhabra T.N., *Team Building and Leadership*. New Delhi: Sun India Publications.

Articles in Journals/Periodicals

Bhardwaj, R.M. 2007. 'Sanskrit Literary and Epigraphic References to the Buddha and the Buddhist Sangha in the Vrata Culture of Brahmanic Religion between the fifth and the twelfth centuries A.D.'. *Journal of Buddhist Studies*, Vol. 32.

Bhatia, S. and Singh, Y.P. 2007. 'Does futures trading impact spot market volatility? Evidence from Indian financial markets'. *Journal of IIM Calcutta*, Vol. 33(2): 41-62.

Alcaniz, J.S., Dev, A. and Jain, D. 2007. 'Age constraints on the cosmic equation of state'. *Astronomy & Astrophysics*, 467 (421).

'Cosmological bounds on oscillating dark energy models', *Physics Letters B*, 656(15).

Jain, A., Jain, S.C., Kaur, R., Kumar, P., Kumar, V. and Mehra, R.M. 2007. 'Trap filled limit Voltage & V² law in a space charge limited currents: Revisited'. *Journal of Applied Physics*, 102: 094505.

Bhalla, G.L. and Pratima, 2007. 'Vortex-anti-vortex behaviour and thermally activated phase-slip in a polycrystalline YBa₂Cu₃O₇₋₈ Superconductor'. *Journal of Superconductor Science and Technology*, 20(12): 286.

Kasturi, P. and Saxena, M., Gupta, M. and Gupta, R.S. 2008. 'Dual Material Double Layer Gate Stack SON MOSFET: A Novel Architecture for enhanced analog performance – Part I Impact of Gate Metal Workfunction Engineering'. *IEEE Transactions on Electron Devices*, 55 (1): 372-81.

2008. 'Dual Material Double Layer Gate Stack SON MOSFET: A Novel Architecture for enhanced analog performance – Part II Impact of Gate Dielectric Material Engineering'. *IEEE Transactions on Electron Devices*, 55(1): 382-7.

Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S. 2007. 'Lateral channel engineered-hetro material insulated shallow extension gate stack (HMISEGAS) MOSFET structure: High performance RF solution for MOS technology'. *Semiconductor Science and Technology*, 22(10): 1097-1103.

2007. 'Two-Dimensional Analytical Model to Characterize Novel MOSFET Architecture: Insulated Shallow Extension MOSFET'. *Semiconductor Science Technology*, 22: 952-62.

2007. 'Unified Subthreshold Model for Channel Engineered Sub-100nm Advanced MOSFET Structures'. *IEEE Transactions on Electron Devices*, 54(9): 2475-86.

2007. 'Hot carrier reliability and analog performance investigation of DMG-ISEGaS MOSFET'. *IEEE Transactions on Electron Devices*, 54(9): 2556-61.

2007. 'Performance Investigation of 50nm Insulated Shallow Extension Gate Stack (ISEGaS) MOSFET for Mixed Mode Applications'. *IEEE Transactions on Electron Devices*, 54(2): 365-8.

Goel, K., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'Unified model for physics based modelling of a new device architecture: Triple Material Gate Oxide Stack Epitaxial Channel Profile (TRIMGASEpi) MOSFET'. *Semiconductor Science and Technology*, 22: 435-46.

Verma, N., Jha, A.K.S. and Man Mohan, 2007. 'Breit-Pauli R-matrix calculation for electron impact excitation of Ni¹⁰⁺'. *European Physical Journal D*, 42: 235-41.

Communication to Symposia/Seminars/Conferences

Bhardwaj, R.M. 2008. 'Preservation of Ancient Indian Scriptures: Oral Tradition', International Seminar on Saigritis (Buddhist Councils): Perspectives and Prospects', Department of Buddhist Studies, Delhi University.

2007. 'An Inscriptional Inquiry into the Status of Women in the Vrata Culture of Brahmanical Religion in North and Central India. A.D. 400-1200', 2nd South and South East Asian Association for the Study of Religions (SSEASR), International Conference, Mahidol University, Bangkok, Thailand.

Mishra, A., Singh, R. and Balasundaram, S. 2007. 'Blind Detection of Statistical Watermark using Extreme Learning Machine', 2nd International Conference on Information Society 2007 (i-society 2007), technical collaboration with IEEE & ACM by Purdue University, Merrillville, Indiana, 7-11 October 2007.

Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S. 2008. 'TCAD investigation of a Novel MOSFET architecture of DMG ISE SON MOSFETs for ULSI era', Mini-Colloquia on 'Compact Modeling of advance MOSFET structures and mixed mode applications', Delhi University, South Campus, sponsored by the IEEE Electron Device Society under its Distinguished Lecturer Programme, pp. 18-9.

2008. 'Analytical analysis of subthreshold performance of sub-100 nm advanced MOSFET structures – An iterative approach', Mini-Colloquia on 'Compact Modeling of advance MOSFET structures and mixed mode applications', Delhi University, South Campus, IEEE Electron Device Society under its Distinguished Lecturer Programme, pp. 20-1.

Kasturi, P., Saxena, M., Gupta, M. and Gupta, R.S. 2008. 'Modeling and 2-D simulation of Nanoscale SON MOSFET', Mini-Colloquia on 'Compact Modeling of advance MOSFET structures and mixed mode applications', Delhi University, South Campus, IEEE Electron Device Society under its Distinguished Lecturer Programme, pp. 22-4.

2008. 'Performance advantage of air as buried dielectric in sub-100 nm silicon-on-nothing (SON) MOSFET with gate stack architecture', Mini-Colloquia on 'Compact Modeling of advance MOSFET structures and mixed mode applications', Delhi University, South Campus, IEEE Electron Device Society under its Distinguished Lecturer Programme, pp. 25-6.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2008. 'Sub-threshold drain current performance assessment of MLGEWE-RC MOSFET for CMOS technology', Mini-Colloquia on 'Compact Modeling of advance MOSFET structures and mixed mode applications', Delhi University, South Campus, IEEE Electron Device Society under its Distinguished Lecturer Programme, pp. 27-8.

2008. 'RF performance assessment of L-DUMGAC MOSFET for future CMOS technology in gigahertz regime', Mini-Colloquia on 'Compact Modeling of advance MOSFET structures and mixed mode applications', Delhi University, South Campus, sponsored by the IEEE Electron Device Society under its Distinguished Lecturer Programme, pp. 29-30.

2007. 'Two-Dimensional Analytical Modeling and Simulation of Rectangular Gate Recessed Channel (RG-RC) Nanoscale MOSFET in Sub-50nm Regime', Indo-Australian Symposium on 'Multi-functional Nanomaterials, Nanostructures and Applications', Department of Physics & Astrophysics, Delhi University, p. 110.

Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S. 2007. 'Dual Material Gate SOI-MOSFET with Dielectric Pockets: Innovative Sub-50 nm design for improved switching performance', Indo-Australian Symposium on 'Multi-functional Nanomaterials, Nanostructures and Applications', Department of Physics & Astrophysics, Delhi University, p. 109.

Kasturi, P., Saxena, M. and Gupta, R.S. 2007. 'A TCAD study of sub-100 nm advance gate electrode workfunction engineered SON-MOSFET', 11th International Symposium on Microwave and Optical Technology, to be held at Villa Mondragone, Monte Porzio Catone, Italy, pp. 267-70.

Sharma, R.K., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'Scrutinize the Gate Misalignment Effects in Graded Channel DG FD SOI n-MOSFET', 11th International Symposium on Microwave and Optical Technology, Villa Mondragone, Monte Porzio Catone, Italy, pp. 821-4.

Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S. 2007. 'Electrical Characterisation of Insulated Shallow Extension MOSFET: A Punchthrough Stopper', 11th International Symposium on Microwave and Optical Technology, Villa Mondragone, Monte Porzio Catone, Italy, pp. 813-6.

2007. 'Linearity assessment in DMG ISEGaS MOSFET for RFIC Design', 19th Asia-Pacific Microwave Conference, Bangkok, Thailand, pp. 2495-8.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'Pre-Distortion Linearity Enhancement for Sub-50nm Gate Electrode Workfunction Engineered Recessed Channel (GEWE-RC) MOSFET', 11th International Symposium on Microwave and Optical Technology, Villa Mondragone, Monte Porzio Catone, Italy, pp. 797-800.

2007. 'On-State and Switching Performance Investigation of Sub-50nm L-DUMGAC MOSFET Design for High-Speed Logic Applications', International Semiconductor Device Research Symposium, University of Maryland, USA, pp. 1892-3.

2007. 'RF-Distortion in Sub-100nm L-DUMGAC MOSFET', 14th International Workshop on the Physics of Semiconductor Devices, Mumbai, pp. 168-70.

2007. 'Two-Dimensional Analytical Threshold Voltage Model for Nanoscale SG-Concave MOSFET in Sub-50nm Regime', 14th International Workshop on the Physics of Semiconductor Devices, Mumbai, pp. 221-22.

Sharma, R.K., Saxena, M., Gupta, M. and Gupta R.S. 2007. 'A 2-D Analytical Subthreshold Model for Gate Misalignment Effects on Graded Channel DG FD SOI n-MOSFET', 14th International Workshop on the Physics of Semiconductor Devices, Mumbai, pp. 183-6.

Kaur, R., Chaujar, R., Saxena, M. and Gupta, R.S. 2007. 'Nanoscale Insulated Shallow Extension MOSFET with Dual Material Gate for High Performance Analog Operations', 14th International Workshop on the Physics of Semiconductor Devices, Mumbai, pp. 171-3.

2007. 'Performance Consideration of a Novel Architecture: ISEGaS deca-nanometer MOSFET', 14th International Workshop on the Physics of Semiconductor Devices, Mumbai, pp. 123-6.

2007. 'Effect of transport property on the performance of insulated shallow extension gate stack (ISEGaS) MOSFET', Indian Microelectronics Society Conference 2007 Theme: Trends in VLSI and Embedded System, Punjab Engineering College, Chandigarh.

Chaujar, R., Kaur, R., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'New Concave MOSFET with Transverse Dual Material Gate (T-DMG) in Sub-50nm Regime: A Simulation Study', Indian Microelectronics Society Conference 2007 Theme: Trends in VLSI and Embedded System, Punjab Engineering College, Chandigarh.

Sharma, R.K., Saxena, M., Gupta, M. and Gupta, R.S. 2007. 'A 2-D Analytical Model for Gate Misalignment Effects on Graded Channel DG FD SOI n-MOSFET', Indian Microelectronics Society Conference Theme: Trends in VLSI and Embedded System, Punjab Engineering College, Chandigarh.

Verma, N. and Mohan, M. 2007. 'Electron impact excitation collision strengths for Co XI', 25th International Conference on photonic electronic and atomic collisions, Freiburg, Germany.

Chhabra, T.N. Contributed three articles in a Teacher's Manual published by the State Council of Education Research and Training on Comprehensive Guidelines for Academic Excellence. The articles were:

'Types of Business Enterprise: Problems of Semantic in Terminology'.

'Complimentary Nature of Contribution of Fayol and Taylor'.

'Emerging Modes of Business'.

DAULAT RAM COLLEGE

Major Activities

National Conference on 'Narratives of Women and the Indian National', 20-22 November 2007.

A Blood donation camp was organised by the NSS unit of the College under the auspices of the Indian Red Cross Society. Outstanding Contribution Award for organizing Voluntary Blood Donation.

Vocal concert by Mrs. Shubha Mudgal under the auspices of Spic Macay Chapter of the College. The programme was inaugurated by Prof. Nayanjot Lahiri, Dean of Colleges.

The annual students festival 'Manjari', 19-20 December 2007.

The College Annual Day was held on 17 December 2007. The Chief Guest was the Chief Minister of Delhi. The Vice-Chancellor presided over the function.

Library Development

Total Budget	:	Rs. 9,42,500.00 + Rs. 1,24,948.00 (XIth Plan Grant)
Books added	:	1,860
Journals subscribed	:	27 Journals and 11 Newspapers
Blank cassettes for blind students	:	80

New Additions

Ms. Jyoti Sharma	-	Lecturer	-	Hindi
Ms. Manjula Rath	-	Lecturer	-	Political Science

Seminar/Conference held

National Conference on 'Narratives of Women and the Indian Nation', Renowned writer, Ms. Krishna Sobti and Medha Patkar, founder of the Narmada Bachao Andolan, inaugurated the Conference, 20-22 November 2007.

Seminars/Conferences attended

Dr. Kanan Nanda, Principal: Participated in the National Symposium Science of Life: The New Horizons, Miranda House, Delhi University, 21-23 November 2007.

Participated in an International Conference at EDGE 2008, organised by Vision Group for EDGE, India Habitat Centre, New Delhi, 3-5 March 2008.

Participated in a National Conference on 'Showcasing on Cutting Edge Science & Technology by Women - An initiative National Task for Women in Science', Vigyan Bhavan, New Delhi, 8-9 March 2008.

Dr. S.R. Kulshreshtha: Introduced the theme of the National Seminar 'Indian Literature and National Consciousness', Kamala Nehru College, Delhi University, 3 December 2007.

Organised under the auspices of Kalidasa Academy of Sanskrit Music and Fine Arts, Bharati College. Kamala Nehru College, Delhi University and Delhi Sanskrit Academy, a three-day Kalidasa Mahotsava and National Research Seminar on three themes at three different venues in Delhi, 1-3 December 2007.

Organised a National Seminar on 'Law and Administration in India: Ancient & Modern Perspective: And Sanskrit Literature and National Consciousness, Bharati College, Delhi University, 1 December 2007.

Organised a National Seminar on 'Kalidasa: A Global Poet' at Delhi Sanskrit Academy', 2 December 2007.

Organised a National Seminar on 'Indian Literature and National Consciousness', Kamala Nehru College, Delhi University, 3 December 2007. 16 papers by famous scholars on eight different languages, viz., Sanskrit, Hindi, Urdu, Punjabi, Bangle, Marathi, Kannada and English were presented.

Dr. Rama Pasricha, Dr. Rekha Kathal and Dr. Daya Aggarwal: Participated in a National Symposium on 'Science of Life: The New Horizon', Miranda House, Delhi University, 21-23 & 24 November 2007.

Dr. Daya Aggarwal: Attended the National Conference on 'Narratives of Women' organised jointly by the Departments of English and Political Science, Daulat Ram College, 21-23 November 2007.

Mrs. Pooja Jain: Presented an oral paper entitled 'Mapping risk factors for coronary heart disease in middle aged urban males: A case control study', Platinum Jubilee International Conference, Lady Irwin College, 4-6 October 2007.

Dr. Shashi Sharma: Participated in the 2nd SSEASR Conference of South and Southeast Asian Association for the Study of Culture and Religion on 'Syncretism in South and Southeast Asia: Adoption and Adaptation' organised at and hosted by the Institute of Language and Culture for Rural Development, Mahidol University, Thailand, 24-27 May

2007. Presented a paper titled 'Sakuntala's Beloved Forest Companions in Sakuntalam of Kalidasa' in the III Section on 'Language and Literature - Binding Force', held at Seminar Hall-3, Mahidol University, 25 May 2007.

Ms. Shivani Agarwal: Presented an oral paper 'Synthesis of (BaTiO)₃ - (cpFe₂O₄)_{1-x} (x = 0 to 1) Multi-ferroic Ceramics', National Seminar on Electroceramics, GVM Girls College, Sonapat, 5-6 November 2007.

Presented a poster on 'Preparation and Studies on (BaTiO₃)- (CoFe₂O₄)_{1-x} (x = 0 to 1) Magnetolectric Ceramic Composites' at 2nd ISSS National Conference on MEMS Microsensors Smart Material Structures and Systems, Central Electronics Engineering Research Institute, Institute for Smart and Systems (ISSS), Pilani, Rajasthan, 16-17 November 2007.

Publications

Khosla, M. 2007. 'Effect, Cognition and behaviour'. In: *Indian Psychological Abstracts and Reviews*, Vol. XII(1): 3-43.

Praksh, G. 2007. *Reproductive Biology*. New Delhi : Narsoa Publishing House.

Gautam, N. 2007. 'Leaf epidermal diversity in grasses and its taxonomic significance'. In: *Biodiversity, Conservation and Systematic*, Singh, P. (ed.). Jodhpur: Scientific Publisher, pp. 173-81.

DESHBANDHU COLLEGE

Major Activities

The College is connected to the University-wide network through RF connectivity. Forty computers provided by the University have been installed in two state-of-the-art computer rooms created in the library building. While one of the rooms is dedicated for use by the students, the other is used by the teachers. Each room is provided with a laser printer. The College library has over ninety thousand books and has been fully automated this year.

The upgradation of the infrastructure has been a constantly ongoing process. A new laboratory each for the Departments of Botany and Zoology has been provided. The issue-return counter and the stake rooms in the library have been renovated to make them user-friendly.

The College has been sanctioned a Rs. 2 crore project by UGC for the construction of a women's hostel.

Library Development

Total Budget	:	Rs. 5 lakh
Books added	:	1000
Journals subscribed	:	50

Appointment of faculty member to higher post/Assignment

Dr. Anil Sethi, Reader in History: Joined as Professor in History at NCERT.

Seminars/Conferences held

A two-day National Symposium on 'New frontiers in cell biology' was organised by the Biochemistry Department of the College.

The Department of Hindi organised a two-day National Seminar on 'Pratirodh ke naye kshetra aur sahitya' ('New areas of resistance and literature') in October 2007.

Seminars/Conferences attended

Dr. Arati Barua: Presented a paper 'George Grant and his Lament for a Nation: With reference to M.K. Gandhi: A comparison', 3rd International Conference in Belgrade, Serbia in October 2007.

Dr. Rana P. Behal: Presented a paper 'Pioneers, Coolie-drivers and Indenture Regime: British Tea Planters In Assam and the Colonial State', International Conference held in Honour of Late Prof. Rajnarain Chandaverkar organised by the Centre of South Asian Studies and Trinity College, Cambridge University, December 2007.

Dr. Partha Goswami: Presented a paper 'Strongly correlated Electron Systems', International Conference, Houston, Texas, USA, May 2007.

Dr. Subasini Barik: Presented a paper 'Indian and Chinese Philosophical perspectives on knowledge wisdom and spirituality', International Seminar, IIC, New Delhi, December 2008.

Dr. Savita Singh: Presented a paper 'Sustainable Development and Issues in Energy Security in India', International Conference on 'Issues in Public Policy', IGNOU, New Delhi, March 2008.

Mrs. Harindri Chaudhary: Participated in the International Conference 'Operator Theory and Related Areas', Department of Mathematics, Delhi University, in January 2008.

Dr. Mira Kushal: Participated in the International Conference 'Advances in Polymer Science & Technology' (POLY 2008), IIT, New Delhi, in January 2008.

Dr. G.C. Pant: Presented a paper 'Swami Vivekanand Charit Mahakavya Ka Chhando Vaisisthya', All India Seminar, VVRI & IR, Punjab University Campus, Hoshiarpur, September 2007.

Dr. Bajrang B. Tiwari: Presented a paper 'Caste and Gender', National Seminar on 'Identity and Politics in India', Developing Countries Research Centre, Delhi University.

Dr. P.K. Mukherjee: Participated in the National Seminar 'Fostering Scientific Temper: Popular Science Writing in India', NBT, Indian Institute of Science, Bangalore, August 2007.

Dr. Shashi Nijhawan: Participated in the National Symposium 'RNA Interference', Sri Venkateswara College, Delhi University, December 2007.

Publication

Books

Bandopdhyaya, L. Publish two books: *Topics in Linear Programming and Games Theory* and *Topics in Mechanics*.

DYAL SINGH COLLEGE

Major Activities

The College students were imparted training on road safety and driving skills. Troupes from Afghanistan, Nagaland and Orissa did folklore performances as part of the SAARC Folklore festival. The 36th National Sports meet for the Disabled was organized at the College by the Handicapped Welfare Federation.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Pankaj Malhotra	B.Sc. Applied Zoology	I
Ruchika Sharma	B.Sc. Applied Zoology	II
Neetu	B.Sc. (Hons.) Applied Zoology	III

Library Development

Total Budget	:	Rs. 425000.00
Books added	:	1,405
Journals subscribed	:	56

Honours/Distinctions

Dr. Anita Rani: Young Scientist Award by Centre for Pant Biotech., DST, CCSHAU, Hissar.

Dr. Simran Chadha: IACLALS award for best research.

Seminars/Conferences attended

Dr. Alka Gupta: Attended National Symposium on 'Advances in Analytical techniques and Application', Simla.

International Conference on 'Advanced Materials and Composites', Trivandrum.

Dr. Alka Gupta and Dr. Amit Kumar: International Conference on 'Advances in polymer service & Technology: Poly 2008', New Delhi.

National Seminar on 'Chemistry Environment and You: Challenges for Future', New Delhi.

Dr. Anita Rani: National Seminar on Plant./Physiol., 2007.

Dr. Anita Goel: International Conference on 'Information system security', New Delhi, December 2007.

Dr. Hema Banati: National Conference 'India Com BVICAM', New Delhi. Seminar on 'e-security education through e--learning-learn 2007, New Delhi.

Dr. I.S. Bakshi: International Conference on 'Emerging Directions in Global Education', New Delhi.

Dr. Kedar Mandal: World Hindi Conference, New York.

Dr. Mahender Pal: International Seminar on 'India-Sudan Development Corporation', New Delhi.

Dr. Priya Vrat Arya: National Workshop on 'Rapid aneuploidy Diagnosis by FISH', New Delhi.

National Conference on 'Recent Advances in Fishery science education research and training', Muzaffar Nagar.

Dr. Ravinder Singh: National Seminar 'Picchle Dahake Di Punjabi Kavita', New Delhi.

Publications

Books

Chhikara, A. 2008. *Practical Organic Chemistry (Quantitative Organic Analysis)*, New Delhi: Ane Books India.

Articles

Chadha, S. 2008. 'Marginalized by Domesticity: Deepa Mehta's *water* and Hinduvta Politics' in *Literature, Culture and Films*, (ed.). Jain, J. Jaipur: Rawat Publishers.

Ali, A., Sabir, S., Nain, A.K., Hyder, S., Ahmad, S., Tariq, M. and Patel, R. 2007. 'Interactions of phenylalanine, tyrosine and histidine in aqueous caffeine solutions at different temperatures'. *J. Chih. Chern. Soc.*, 54: 659.

Chaudhary, P., Nimesh, S., Yadav, V., Verma, A.K. and Kumar, R. 2007. 'Synthesis, characterization and in vitro biological studies of novel cyano derivatives of N-alkyl and N-aryl piperazine'. *European J. Med. Chem.*, 42: 471.

Nain, A.K. 2007. 'Densities and volumetric properties of (formamide + ethanol, or 1-propanol, or 1,2-ethanediol, or 1,2-propanediol) mixtures at temperatures between 293.15 and 318.15 K'. *J. Chem. Thermodyn.*, 39: 462.

2007. 'Densities and volumetric properties of binary mixtures of formamide with 1-butanol, 2-butanol, 1,3-butanediol and 1,4-butanediol at temperatures between 293.15 and 318.15 K'. *J. Solution Chem.*, 36: 497.

2007. 'Ultrasonic and viscometric studies of molecular interactions in binary mixtures of tetrahydrofuran with some aromatic hydrocarbons at temperatures between 288.15 and 318.15 K'. *Phys. Chem. Liq.*, 45: 371.

2007. 'Ultrasonic and viscometric studies of molecular interactions in binary mixtures of aniline with 1-propanol, 2-propanol, 2-methyl-1-propanol, and 2-methyl-2-propanol at temperatures from 293.15 and 318.15 K'. *Fluid Phase Equilib.*, 259: 218.

2007. 'Densities and volumetric properties of binary mixtures of aniline with 1-propanol, 2-propanol, 2-methyl-1-propanol, 2-methyl-2-propanol at temperatures from 293.15 and 318.15 K'. *Int. J. Thermophys.*, 28: 1228.

2008. 'Molecular interactions in binary mixtures of formamide with 1-butanol, 2-butanol, 1,3-butanediol and 1,4-butanediol at different temperatures: An ultrasonic and viscometric study'. *Fluid Phase Equilib.*, 265: 46.

2008. 'Refractive indices of binary mixtures of tetrahydrofuran with aromatic hydrocarbon at temperatures from 288.15 to 318.15 K'. *J. Chem. Eng. Data*, 53: 850.

2008. 'Ultrasonic and viscometric studies of molecular interactions in binary mixtures of formamide with ethanol, 1-propanol, 1,2-ethanediol and 1,2-propanediol at different temperatures'. *J. Mol. Liq.*, 140: 108.

Goel, A. 2008. 'Design for testability for object-oriented softwares'. *Computer Society of India*, 19.

Gupta, A., Goel, S., Mehrotra, R. and Kandpal, H.C. 2007. 'Fabrication, characterization and chemical modification of anthracene based nanostructures'. *J. Mater. Res.*, 22: 2719.

DURGABAI DESHMUKH COLLEGE OF SPECIAL EDUCATION (VISUAL IMPAIRMENT)

Major Activities

The College celebrated its first College Day on 27 September 2007 to mark the completion of one year of its existence. Prof. Deepak Pental, Hon'ble Vice-Chancellor of Delhi University, was the Chief Guest at the function, presided by the President of the Blind Relief Association, Justice (Dr.) A.S. Anand, former Chief Justice of India, and former Chairman of the National Human Rights Commission. Mrs. Manju Bharat Ram, Chairperson of the Governing Body of the College, welcomed the guests and presented a report on the activities and achievements of the College during the year.

Library Development

Total Budget	:	Rs. 60,000.00
Books added	:	235
Journals subscribed	:	12

New Addition

Mrs. Pubali Agarwal	:	Lecturer
---------------------	---	----------

Publications

Sanyal, S. 2007. 'Inclusion Issues and Perspective in Facilitating Inclusive Education : Challenges in Teacher Preparation', edited by Maitra, Krishna & Saxena, Vandana. New Delhi: Kanishka Publishers.

Dubey, S. 2008. 'Teacher as Counsellor for Visually Handicapped Children' in *Magazine of Society for Disability and Rehabilitation Studies* in New Delhi.

GARGI COLLEGE

Major Activities

The College offered 10 add-on courses during the year. Infrastructure upgradation received a major boost with the addition of ramps for the physically challenged, a 250KV generator, renovation of the Science labs, one more Computer lab with Internet facilities and the onset of the construction of a new Seminar Hall and auditorium. The foundation stone was laid by the Hon'ble Chief Minister of NCT, Delhi.

New Course Introduced

B.A. (Hons.) in Business Economics

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Meera Sharma	B.A. (Hons.) Sanskrit	I
Shalini Rao	B.A. (Hons.) Applied Psychology	I
Sugandha Sehgal	B.A. (Hons.) Applied Psychology	III
Susmita Sitaram	B.A. (Hons.) Applied Psychology	III
Shweta	B.Sc. (Hons.) Physics	II

Library Development

Total Budget	:	Rs. 4,22,650.00
Books added	:	1,139
Journals subscribed	:	70

New Additions

Mr. Sreeniwas Tyagi	-	Hindi	Dr. Sweta Mishra	-	Political Science
Dr. Poonam Sharma	-	Zoology	Alka Saikia	-	History
Dr. Veena Sharma	-	Hindi	Dr. Anita Yadav	-	Hindi
Dr. N. Chandrika Devi	-	Physics	Ms. Anjini Anand	-	Commerce
Ms. Romita Popli	-	Commerce	Ms. Shatrupa Sinha	-	English
Sreyoshi Sarkar	-	English	Sutapa	-	English
N. Patton	-	English	Ms. Aparna Joshi	-	El.Ed.

Appointment of faculty member to higher Posts/Assignments

Dr. Anjana N. Dev: Appointed Principal, Vivekananda College.

Appointed Director, Education & Awareness of The Rainmakers Foundation, a non-profit organisation.

Honours/Distinctions

Dr. Sangeeta Jerath: Awarded Ph.D. degree

Dr. Jyoti Raina, Awarded Ph.D. degree

Seminars/Conferences held

A three-day National Seminar on 'Kalakriti: Women & the Arts and Crafts of India', Psychology Department.

A two-day National Seminar on 'Chemistry, Environment and You: Challenges for future', Chemistry Department.

Seminars/Conferences attended

Dr. Indu Sidhwani: Attended a National Seminar on 'Green Chemistry & Natural Products' by Department of Chemistry, Delhi University.

Dr. Monica Das: Attended an International Conference on 'Women in Changing Indian Economy – Silence to Voice' by Fredskorpset, Norway, 26 November 2007.

Dr. Vandana Luthra: Attended a National Conference on 'Election Microscopy & Allied Fields', 26 November 2007.

Dr. Neelam Sachdeva: Attended an All India Cell Biology Conference on 'Molecules to Compartment: Cross talks & Networks', Delhi University, 2 April 2007.

Ms. Attreyi Majumdar: Attended an International Conference on 'Women in Changing Indian Economy – Silence to Voice' by Fredskorpset, Norway, 26 November 2007.

Dr. Indu Sidhwani: Presented a paper 'Preparation of Blue and Green Luminescent tris A1 (III) complexes An undergraduate experiment' at the Green Chemistry & Engineering Conference in Washington, 26 June 2007.

Attreyi Majumdar: Presented a paper 'Feminisation of migration in India' at a National Conference on 'Narratives of Women and the Indian Nation', 20 November 2007.

Dr. Monica Das: Presented a paper 'The Bane of Bigamy in India', an International Conference in Thailand, 29 June 2007.

Presented a paper 'Gender Perspectives' at the National Conference on 'Narratives of Women and the Indian nation', Daulat Ram College, Delhi University, 20 November 2007.

Dr. Rekha Navneet: Presented a paper on 'Technology & Development: A Philosophical Perspective' at a UGC National Seminar on '21st Century Renaissance: Transformation in Technology and Life' at DCAC, 2 April 2007.

Dr. Aruna Mohan: Presented a paper on 'Impact of Environmental Factors on Religion', 2nd SSEASR Conference on 'Syncretism in South and Southeast Asia Adoption and Adaptation', Mahidol University, Thailand, 24 May 2007.

Publications

Articles in Journals & Periodicals

Vandana, S. 2007. 'Evidence for the probable oil body association of a thiol-protease leading to oleosin degradation in sunflower seedling cotyledons'. *Plant Physiology Biochemistry*.

Dev, A.N. 2007. 'Agha Shahid Ali's India: A Memory of Musk, The Rebel Face of Hope'. *The International Journal of the Humanities*.

Sinha, S. 2007. Published an Article on *Amitav Ghosh's Countdown*. Worldview Publications.

Raina, J. 2008. 'Two Theories of Psychology Applied to Education: Behaviourism and Cognitives in Perspectives in Education 2008'.

Books/Monographs

Jain, M. 2007. *The Rajah Moonje Pact, Documents on a Forgotten Chapter of Indian History*, (Co-author).

HANS RAJ COLLEGE

Major Activities

Hansraj College, an institution par excellence, is the pride of Delhi University. A prestigious and progressive educational institution of India, Hansraj College is one of the top ten colleges among the 12,600 colleges of India and easily one of the most sought after colleges in Delhi University.

This year, 87 students got first, 25 second and 9 got third positions in the University examinations held in 2007-2008. 25 students from the College were awarded Science Meritorious Scholarships. 10 students got Gold Medals in various University examinations. In the field of Sports, its students participated in various Inter-College and Inter-University competitions and won championships.

Honours/Distinctions

Dr. Dinesh Kumar Gautam: Awarded Ph.D. from Delhi University, 28 September 2007.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Mandeep Singh	M.Sc. Chemistry	I
Shruti Khanna (W)	M.Sc. Chemistry	III
S. Sundarraman	M.Sc. Geology	I
Batuk Kumar Joshi	M.Sc. Geology	II
Subhra Sarita Patel	M.Sc. Geology	III
Minakshi	M.Sc. Anthropology	III
Vijay Kumar Mishra	M.A. (Hindi)	II
Sakshi Dhall	B.Sc. (Hons.) Physics	I
Tanu Grover	B.Sc. (Hons.) Computer Science	I
Shubhra Jain	B.Sc. (Hons.) Zoology	I
Shruti Jain	B.Sc. (Hons.) Zoology	II
Shristi Kamal	B.Sc. (Hons.) Zoology	III
Swati Arora	B.Sc. (Hons.) Botany	II
Pankhuri Sharma	B.Sc. (Hons.) Anthropology	I
Deepti Aggarwal	B.Sc. (Hons.) Anthropology	II
Bharti Indora	B.Sc. (Hons.) Anthropology	III
Nandita	B.Sc. (Hons) Geology	I
Saurav Mishra	B.Sc. (Hons) Geology	I
Jayendra Nath Chakraborty	B.Sc. (Hons.) Geology	II
Parul Tyagi	B.Sc. (Hons.) Geology	III
Deepti Kaur	B.Sc. (Hons.) Mathematics	II
Garima Virmani	B.Sc. (Hons.) Mathematics	III
Amit Goyal	B.Com. (Hons.)	II
Ashwani Kumar	B.A. (Hons.) Mathematics	I
Purnima Bindal	B.A. (Hons.) Mathematics	II
Swati Saxena	B.A. (Hons.) English	I
Pranshu Prakash	B.A. (Hons.) History	III
Nisha Marwah	B.A. (Hons.) Hindi	II

Library Development

Total Budget	:	Rs. 16,38,900.00
Books added	:	2,200
Journals subscribed	:	104

New Additions

Ms. Vandana Km. Singh	-	Zoology
-----------------------	---	---------

Seminars/Conferences attended

Ms. Preeti Dharmarha: Delivered an invited talk on 'Weighted Weyl Spectrum', 4th International Conference of Applied Mathematics and Computing, Plodiv, Bulgaria.

Presented a paper titled 'Left Weighted Spectrum', written jointly with Prof. S.C. Arora in the International Conference in 'Operator Theory & Related Areas', Department of Mathematics, Delhi University, January 2008.

Dr. S.K. Srivastava: Represented the College at an International Conference on 'Women in Emerging Indian Economy', Christ College, Bangalore.

Ms. Anjali Bhardwaj Datta: Presented a paper titled, 'Rebuilding lives, Redefining Spaces: A study of Post-Partition refugee women in Delhi and Kolkata', International Conference, University of Southampton, UK, 17-22 July 2007.

Ms. Nishtha Srivastav: Presented a paper titled, 'Delhi in the aftermath of 1857- A City in the making', National Seminar, Department of History, Banaras Hindu University.

Mrs. Manisha Verma: Presented a Research paper titled: 'Transition from BPO to KPO Destination', IBS Ahmedabad International Conference on Management, Ahmedabad, 27-29 December 2007.

Mr. Manjit Singh: Participated in an International Conference on 'Globalization of Indian Business', Punjab Commerce and Management Association, Ludhiana, 8-9 December 2007.

Dr. Mangal Nath: Delivered a lecture at 9th International Conference on 'Management of Transformation', GGS Indraprastha University and Society for Human Transformation and Research, National Academy of Agricultural Sciences, PUSA, New Delhi, 3-5 January 2008. The topic of presentation was 'Imperatives of balancing Work and Life-Invoking Ancient Indian Wisdom'. He was panel-speaker in their International Seminar Session on 'Human Capital: Emerging Paradigm', 5 January 2008.

Dr. (Mrs.) Shashi Saxena: Presented a paper titled 'Quality Environment for Health and Happiness of Population in the Changing World', 15th International Conference of The Society for Human Ecology, Rio de Janeiro, Brazil, 4-7 October 2007.

Ms. Swati Agrawal: Attended an International Conference 'Poly 2008', and presented a Poster - 'Theoretical Studies on Quasi-one Dimensional Model Triblock Superlattices', IIT- Delhi, 28-31 January 2008.

Mr. Amit Sehgal: Presented a paper in a Conference titled 'Physics Based Threshold Voltage Extraction and simulation for Double Gate Sub-100nm MOSFETS', 4th ICMAT, Singapore, July 2007, p. 52.

Mr. Anand Sonkar: Presented a research paper titled 'Trees of Delhi-A reappraisal', 17th Annual Conference of the Indian Association for Angiosperm Taxonomy, Shivaji University, Kolhapur, Maharashtra, 19-21 November 2007.

Attended a National Conference on 'Wetlands, Science, and Society – An Assessment of their Integration', Delhi University Botanical Society, Department of Botany, Delhi University, 11-13 December 2007.

Attended an International Seminar on 'Changing Scenario in Angiosperm Systematics', Department of Botany, Shivaji University, Kolhapur, Maharashtra, 19-21 November 2007.

Monika Koul Moza, S.S. Deo and A.K. Bhatnagar: 'Educational and Recreational value of Wetland Ecosystem: An Appraisal' in the National Conference on 'Wetlands, Science and Society – An Assessment of their Integration', 147, Indian National Science Academy INSA, New Delhi, 11-13 December 2007.

Ravish Sharma, Maulein Singh, Ramneet Makkar, Harmeet Kaur and Punam Bedi: 'Ant Recommender: Recommender System Inspired by Ant Colony', in Proceedings of the International Conference on Advances in Computer Vision and Information Technology (ACVIT '07), Aurangabad, 28-30 November 2007.

Publications

Datta, A.B. 2008. 'Re-negotiating the Self: Recovery and Restoration' for a special issue on 'Gender' for *Indian Historical Review*.

2008. Review of Biswamoy Pati's book. '*The 1857 Rebellion*' published in *Social Scientist*, January, 2008.

Sen, N. (compiled and edited). *Mahasweta Devi: An Anthology of Recent Criticism*.

Mittal, A. *Principles of Micro Economics and Principles of Macro Economics*.

Verma, M. 'A paradigm shift from BPO to KPO in India'. *Prabandan*, Journal of Management Centre for Management Development, India, pp. 34-43.

'Transition from BPO to KPO Destination'. *Globalization: Opportunities and Challenges* IBS Ahmedabad, pp. 211-2.

Singh, M. 2007. 'Interim Reporting Practices In India'. *Punjab Journal of Commerce and Management*.

Sindhu, P.S. 2007. *General Physical Chemistry (Part II)* for B.Sc. (Prog.) III Year of Delhi University. New Delhi : Khosla Publishers.

Metha, S.B. *Organic Chemistry* for II Yr. B.Sc. (Prog.) in the session 2007-2008.

Sehgal, A. Biography was published in the 25th Anniversary Edition of Marquis Who's Who in World. He also published two articles:

2008. 'Multi-material gate poly-crystalline thin film transistors: Modeling and Simulation for an improved gate transport efficiency'. *Thin Solid Films*, 516(8) : 2162-70.

2007. 'Poly-Crystalline Silicon Thin Film Transistors: A two dimensional threshold voltage analysis using Green's Function approach'. *Journal of Semiconductor Technology & Science*, 7(4) : 289-300.

Jain, C. 2007. 'Orbital Evolution Measurement of the accreting millisecond X-Ray Pulsar-SAX J1808.4-3658', *Journal of Astrophysics and Astronomy*, December.

2007. 'Pulse phase dependence of the magnetar bursts', *Journal of Astrophysics and Astronomy*, December.

2007. 'Search for Orbital Motion in 4U1626-67-Candidate for a Supernova fallback accretion disk'. *Journal of Astrophysics and Astronomy*, December.

Dewan, N., Singh, S.P., Sreenivas, K. and Gupta, V. 2007. 'Influence of temperature stability on the sensing properties of SAW NO_x sensor'. *Sensors and Actuators B*, 124(2) : 329.

Dewan, N., Gupta, V., Sreenivas, K. and Katiyar, R.S. 2007. 'Growth of amorphous TeO_x (2 d" x d" 3) thin file by radio frequency sputtering'. *Journal of Applied Physics*, 101: 084910.

Dewan, N., Sreenivas, K. and Gupta, V. 2007. 'Properties of crystalline α -TeO₂ thin film'. *Journal of Crystal Growth*, 305 : 237.

2007. 'Influence of gamma-radiation doses on the properties of TeO_x : (x=2-3) thin film'. *Journal of Applied Physics*, 102 : 044906.

Monika Koul Moza and Bhatnagar, A.K. 2007. 'Plant Reproductive Biology Studies Crucial for Conservation'. *Current Science*, 92(9) : 1207-8.

An Introduction to Biodiversity, (1st edition) Authored by Singh, P., Anne Books, published in the Botanica, Vol. 56.

Text Book of Plant Physiology Authored by Verma, V., Anne Book published in the Botanica, Vol. 56.

HINDU COLLEGE

Major Activities

The College has 15 Departments and 19 courses. Each Department has a Society with a student President and a Faculty adviser. Most of them organised academic activities throughout the year in which outstanding speakers in various fields were invited to give talks and films were shown to acquaint the students with areas beyond their syllabi. Some significant events were talks by Professor Ramaa Vasidevan from Colorado University and lectures by Professor Amit Bhaduri in the Department of Economics. The Department of Chemistry joined hands with Delhi University and TERI in organising an international Indo-US Workshop on Green Chemistry. The Department of Political Science organised a UGC sponsored National Seminar on 'A Hundred Years of Gandhian Satyagraha'.

The College has a special placement and counseling society, Disha, which helped place students in international companies with good packages. An integral part of it, the Friends' Corner, organised counselling for students on how to deal with challenges like Stress, Time Management, Personality Development and so on. Apart from these, there was a successful MECCA, the much awaited College Annual Cultural Festival. Last but not the least, Hindu College celebrated its 109th Founder's Day on 15 February 2008 with renowned scientist Prof. M.G.K. Menon as the Chief Guest.

New Course Introduced

B.A. (Hons.) Philosophy

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in Delhi University</i>
Swati Aggarwal	B.A. (Hons.) Pol. Science	I
Garima Jindal	B.Sc. (Hons.) Chemistry	I
Amna Mirza	M.A. Political Science	I
Suman Rawat	M.A. Philosophy	I
Shilpi Jain(w)	M.Sc. Physics	I
Rakesh Kumar	M.Sc. Statistics	I
Guntasha Kaur Tulsii	B.A. (Hons.) English	II
Neha Agarwal	B.A. (Hons.) Political Science	II
Jasmine Dhody	B.Sc. (General + Electronics)	II
Mehr Bhatia	M.A. Political Science	II
Shilpa Singh	M.Sc. Physics	II
Rahul Shankar	M.Sc. Statistics	II
Rubal Sharma	B.A. (Hons.) History	III
Sumedha Dutta	B.A. (Hons.) Sociology	III
Rishabh Prakash	B.Sc. (Hons.) Statistics	III
Isha Aditi Dhar	M.A. Political Science	III
Sakshi Maini	M.Sc. Physics	III
Rajneet Kaur Saggu	M.Sc. Chemistry	III
Neha Arora	M.Sc. Chemistry	III
Debesh Kumar	M.Sc. Statistics	III

Library Development

Total Budget	:	Rs. 748050.00
Books added	:	1,216
Journals subscribed	:	54

New Additions

Sh. Atul Gupta	-	Commerce
Sh. Sachin Vasistha	-	Mathematics
Ms. Aparna Saxena	-	Physics
Ms. Pragti Ashdhir	-	Physics

Appointment of faculty member to higher Posts/Assignments

Ms. Nandita Sahai, Reader in History Department: Appointed Associate Professor at Jawaharlal Nehru University, New Delhi.

Honours/Distinctions

Dr. Kavita. A. Sharma: Awarded the New Century Scholars Fulbright Fellowship from University of Chicago.

Seminars/Conferences held

Dr. Kavita A. Sharma, Principal: Made the following presentations: The Comparative and International Education Society and American Educational Research Association, New York, on 'Quotas in Higher Education: The Debate About Affirmative Action in India', and University of Lethbridge, Canada, on 'Access and Equity in Higher Education'.

Dr. Achla P. Tandon and Ravi Nandan Singh: Participated in an International Conference at Christ College, Bangalore, 26-27 November 2007.

Dr. Harish Naval: Participated in an International Seminar at University of Budapest, Hungary.

Shri Ish N. Mishra: Participated in a National Conference at Madras University, Chennai, January 2008.

Publications

Sharma, A.K. Internationalization of Higher Education : *An Aspect of India's Foreign Relations. Birds, Beasts, Men and Nature.*

'From Dejection to Action : The Transformation of Arjuna and Yudhishtira'. Sootra.

'The Effective State of Our Being : Karma Yoga in Tilak, Gandhi and Sri Aurobindo', in Jancy James et al. (ed.), *Studies in Comparative Literature : Theory, Culture and Space.*

Gupta, D.N. (ed.). *Shaheed Bhagat Singh : Speeches and Writings.*

Srivastava, A. and Jain, R. *Chemistry for Class XI.* Cambridge Foundation Books Publication.

Practical Chemistry for Class XII. New Delhi : Arya Book Publication.

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES

Major Activities

The calendar year of 2007 registered 2.6 lakh (2,63,152) patients in outpatient services, of which 16% were new cases. The number of patients receiving emergency services in various specialties increased by 23% over the previous year. The number of patients receiving indoor services also increased by 18%.

This year a ten-bedded Neurology Private Ward and 10 new General Beds were created in the Department of Neurology.

New instruments were installed in various Departments to improve diagnostic facilities as well as patient care. In this calendar year, a fully automated random access Chemiluminiscent analyser was installed in the Department of Neurochemistry. In addition, the setting up of a Molecular Microbiology Lab is in process in the Department of Microbiology.

Library Development

Total Budget	:	Rs. 44 lakh
Books added	:	252
Journals subscribed	:	126

New Addition

Dr. Saurabh Mehrotra - Assistant Professor

Honours/Distinctions

Dr. Sunil Pradhan: Received Pride of India Award by Indo-US Association.

Seminars/Conferences attended

Dr. S.N. Sengupta: Fifth Congress on Violence in Clinical Psychiatry, Amsterdam, 24-26 October 2007.

Dr. Rajeev Thakur: Fifth European Congress on Tropical Medicine and International Health, Amsterdam, The Netherlands, 24-28 May 2007.

Jain, M.C. *Quantum Mechanics*. New Delhi : Prentice-Hall of India.

Vector Spaces and Matrices in Physics, revised and enlarged. New Delhi : Narosa publishing House.

Dr. Suman Kushwaha and Dr. Rachna Agarwal: Alzheimer's Association International Conference on Prevention of Dementia, Washington, D.C., 9-12 June 2007.

Dr. Sangeeta Sharma: Attended International Congress on Neurology and Rehabilitation, Delhi, 9-10 March 2007.

Dr. Rajeev Thakur: Attended International Conference on Opportunistic Pathogens in AIDS (ICOPA-India, 2008), AIIMS, New Delhi, 27-29 January 2008.

Dr. Uday Sinha: Attended International Conference on Psychology and Mental Health, NIMHANS, Bangalore, July 2007.

Attended National Conference of the Indian Association of Clinical Psychologists, Department of Psychology, University of Calcutta, January 2008.

Dr. Rachna Agarwal: Attended the 34th National Conference of Association of Clinical Biochemists of India, Escorts Heart Institute & Research Centre, India Habitat Centre, New Delhi, 17-20 December 2007.

Dr. Jahanara M. Gajendragad: Attended National Conference on Medical Preparedness and Mass Casualties Management, NDMA, Centaur Hotel, New Delhi, 24-25 July 2007.

Attended 26th Annual National Conference of the Indian Society of Professional Social Workers, Mangalore, 28-30 January 2008.

Attended National Conference on Social Work Education and Inclusive Development, Tata Institute of Social Sciences, Mumbai, 14-16 March 2008.

Dr. Ravinder Singh: Attended National Conference on Medical Anthropology & Health Sciences, Mysore, Karnataka, 28-30 November 2007.

Attended National Seminar on 'Gerontology: A Global Concern', Department of Adult Education, Continuing Education and Extension, Delhi University, 29 February-1 March 2008.

Publications

Sengupta, S.N. and Nath, J. 2007. *Mental Health, Textbook of Preventive and Social Medicine*, (2nd edition). Gupta, P. and Ghai, O.P., Delhi: CBS Publishers and Distributors, pp. 646-62.

2008. *Promoting Rational Use of Drugs: A Manual for Nurses*. Gupta, U., Sharma, S. and Gurbani, N.K. (eds.) published by Delhi Society for Promotion of Rational Use of Drugs.

Research Articles in Books or Scholarly Journals

Mohan, V., Mathur, P., Deepa, R., Deepa, M., Shukla, D.K., Menon, G.R., Anand, K., Desai, N.G., Joshi, P.P., Mahanta, J., Thankappan, K. and Shah, B. 2007. 'Urban-rural differences in prevalence of self-reported diabetes in India-The WHO-ICMR Indian NCD risk factor surveillance'. *Diab. Res. Clin. Pract.*, Doi: 10.1016/j.diabres.11.018.

Gautam, M., Singh, R., Weiss, H., Brughha, R., Patel, V., Desai, N.G., Nandan, D., Kielmann, K. and Grosskurth, H. 2008. 'Socio-cultural, psychosexual and biomedical factors associated with genital symptoms experienced by men in rural India'. *Trop. Med. & Int. Health*, 3(13): 1-12.

Sinha, S., Prasad, K.N., Jain, D., Pandey, C.M., Jha, S. and Pradhan, S. 2007. 'Proceeding infections and anti-ganglioside antibodies in patients with Guillain-Barré syndrome: A single centre prospective case-control study'. *Clin. Microbiol. Infect.*, 13: 334-7.

Pandey, P., Pradhan, S. and Mittal, B. 2007. 'Presenilin gene predisposes for degenerative but not vascular dementia: A North Indian population based study'. *Dement Geriatr. Cogn. Disord.*, 24: 151-61.

Pradhan, S. 2007. 'Shank sign in myotonic dystrophy type-1'. *J. Clin. Neurosci.*, 14: 27-32.

2007. 'An extra hill in a poly-hill sign in a patient with facioscapulohumeral dystrophy'. *Neurology India*, 55: 436-7.

Pradhan, S. and Yadav, R. 2007. 'Invasive aspergillosis of the brain: Improvement with liposomal Amphoterecin B and itraconazole'. *Neurology India*, 55: 289-90.

Srivastava, N.K., Pradhan, S., Mittal, B., Kumar, R., Pandey, C.M. and Nagana Gowda, G.A. 2007. 'Novel correlative equations for complete estimation of human tissue lipids following their partial destruction by PCA pre-treatment: High-resolution ¹H-NMR based study'. *NMR in Biomedicine*, 21; 89-100.

Pradhan, S. 2008. 'Diamond on quadriceps sign in dysferlinopathy'. *Neurology*, 70: 322.

Prasad, A., Gupta, R.K., Pradhan, S., Tripathi, M., Pandey, C.M. and Prasad, K.N. 2008. 'What triggers seizures in neurocysticercosis? A MRI based study in pig farming community from a district of North India'. *Paramidol Int.*, 57: 166-71.

Prasad, A., Prasad, K.N., Yadav, A., Gupta, R.K., Pradhan, S., Jha, S., Tripathi, M. and Hussain, M. 2008. 'Lymphocytic transformation test: A new method for the diagnosis of neurocysticercosis'. *Diagn. Microbial. Infect. Dir.* (Feb. 11. epub. ahead of publication).

Kushwaha, S., Gupta, M. and Bala, K. 2007. 'Uncommon Neurological Presentation due to Non-Ketotic Hyperglycemia Report of two cases', *Delhi Psychiatry Journal*.

Upadhyay, P.K. 2007. 'EDH in Supra as well as infra tentorial compartment'. *Ind. Jr. of Neuro. Trauma*.

2007. 'Traumatic orbitomoxillary encephalocels'. *Ind. Jr. of Neuro. Trauma*.

Sharma, K.C., Singh, H., Gupta, V., Mishra, V., Mittal, M.K., Murarka, A., Singh, A. and Jha, D. 2008. 'Giant Cervical Lipoma with Cervico-medullary Epidural Extension: A Case Report'. *Paediatr. Neurosurg.*, epub., 44(3): 258-60.

Husain, M., Rastogi, M., Jha, D.K., Husain, N. and Gupta, R.K. 2007. 'Endoscopic transaqueductal removal of fourth ventricular neurocysticercosis with an angiographic catheter'. *Neurosurgery*, 60(4 Suppl. 2): 249-53.

Jha, D., Mishra, V., Choudhary, A., Khatri, P., Tiwari, R., Sural, A. and Kumar, S. 2007. 'Factors affecting Outcome of Neuroendoscopy in Patients with Tuberculous Meningitis Hydrocephalus (TBMH): A Preliminary Study'. *Surg. Neurol.*, 68(1): 35-41.

Jha, D., Khatri, P., Choudhary, A., Sethi, R. and Kumar, S. 2007. 'Endoscopic Third Ventriculostomy in Prepontine-Suprasellar Tuberculoma with Tuberculous Meningitis Hydrocephalus (TBMH): A Case Report'. *Paediatr. Neurosurg.*, 43(1): 42-6.

Sharma, V. 2007. 'Study of mental health among customer care executives in call centers', published in *Amity J. of Behavioural and Forensic Sciences*, 3.

- Jain, M. 2008.** 'Alternative to Succinylcholine for ECT in Neuroleptic Malignant Syndrome Patients: Can Atracurium be Safe?' *J. of Anaesthesiology Clinical Pharmacology*.
- Sharma, S., Joshi, S., Khushwaha, S. and Kiran Bala. 2007.** 'Quackery Masquerading as Complementary and Alternative Medicine in Patients with Epilepsy'. *Complementary Health Practice Review*, 12: 139-43.
- Chaturvedi, S., Gupta, S., Singhal, S. and Kumari, R. 2008.** 'Medullomyoblastoma with calcification: A case report'. *Neuropathology*, 28: 93-7.
- Sunita, S., Gupta, A., Chada, P. and Arora, B. 2007.** 'Prostatic stromal proliferation of uncertain malignant potential: A case report'. *Indian J. Pathol. Microbiol.*, 50: 826-8.
- Tripathi, C.B., Chandra, P., Pandey, N. and Roy, N. 2007.** 'Meta analysis: What, Why and How'. *Statistics in Transition-New series*, 8(2): 887-901.
- Shankar, R., Tondon, J., Gambhir, I.S. and Tripathi, C.B. 2007.** 'Health Status of Elderly Population in Rural Area Varanasi District'. *Indian Journal of Public Health*, 51(1): 56-8.
- Mishra, R.N., Tripathi, C.B., Mishra, C.P. and Shukla, H.S. 2007.** 'Duration of Post Partum Amenorrhoea: Short in Breast Cancer'. *Indian Journal of Preventive and Social Medicine*, 38(1-2): 53-6.

INSTITUTE OF HOME ECONOMICS

New Courses Introduced

B.Sc. (Hons.) Biochemistry

The following Short Term/Add-on Courses were introduced:

Certificate Course in Nutrition for Health, Fitness and Sports

Certificate Course in Early Childhood Care and Education

Certificate Course in Event Management

Certificate Course in Radio Jockeying

Computer Aided Designing

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Mansi Mittal	B.Sc. (Hons.) Microbiology	I
Harshita Sharma	B.Sc. (Hons.) Home Science	III
Sudha	B.Sc. (Pass) Home Science	I
Payaswani Upadhayay	B.Sc. (Pass) Home Science	II
Sunanda Jain	B.Sc. (Pass) Home Science	III

Research Schemes

<i>Title</i>	<i>Principal Investigator</i>	<i>Sponsoring Organisation</i>
Assessment of microbiological quality of street foods.	Dr. Sunita Aggarwal Ms. Nitika Nagpal Dr. Geeta Trilok Kumar	ICMR
Evaluation of chemical and microbiological quality of vermicompost prepared from different waste material.	Dr. Arti Nigam Dr. Rachna Kapila	UGC
Compilation of a database on nutrition profile of urban Indian population.	Dr. Seema Puri	GSK Healthcare Ltd.
Recipe development for a micronutrient rich powder.	Mrs. Sharda Gupta Dr. Seema Puri	GSK Healthcare Ltd.
A guide to healthy eating in old age: Nutritional guidelines and model meals for low income elderly group in Delhi NCR.	Dr. Kumud Khanna Dr. Seema Puri	DST
Gender specific impact of climate change on household water poverty.	Dr. Savita Aggarwal Dr. Geeta Punhani Dr. Parveen Pannu	WINROCK International India

Library Development

Total Budget	:	Rs. 4,00,000.00
Books added	:	945
Journals subscribed	:	35

Seminar/Conference held

Seminar at International Level on 'Communication and Social Change: A Call for Humility' was organised by the Department of Communication & Extension, Institute of Home Economics.

Seminars/Conferences attended

Dr. S.J. Passi: Chair the session on country presentations at the 14th Biennial International Congress of Asian Regional Association of Home Economics, Kula Lumpur, Malaysia, August 2007.

Dr. S.J. Passi, Dr. R. Mahna and Dr. S. Puri: A research paper sent jointly on 'Family Acceptability Trials of Double Fortified Salt' was accepted for presentation at the Annual Nutrition Society of India meet at Hyderabad, November 2007.

Mrs. T.G. Singh: Research paper titled 'Flower Power in Dyeing and Printing' was accepted for presentation at the 9th Asian Textile Conference organised by the Federation of Asian Professional Textile Association, Taiwan, June 2007.

Presented a research paper 'Indigo - King of Colours for closer cultural ties across Borders' at the Conference on 'The Culture of Indigo-Exploring the Asian Panorma', New Delhi, November 2007.

Dr. R. Mahna: Presented research papers 'Changing Dietary Patterns of the Young - Impact of Fast Foods' and 'Effect of Diet and Physical Activity on Weight Loss in Obese Adults Attending Fitness Centres', the European Nutrition Congress, Paris, July 2007.

Mrs. Tejmeet Rekhi: Presented a research paper 'Macro/Micro nutrient contribution from Mid Day Meals - A Study in MCD Schools of Delhi', the Micronutrient Forum, Istanbul, April 2007.

Presented two papers 'Role of Self Help Groups in the Supplementary Feeding Component of Developmental Programmes' and 'Mid Day Meal Programme in Delhi - A Study' at the ARAHE Conference, Kuala Lumpur, Malaysia, August 2007.

Ms. Shipra Gupta: Presented a paper at the Conference on 'Role of Micronutrients in Child Development: Give Kids a Good Start', organised by International Life Sciences Institute - India (ILSI-India), Hotel Le Meridian, New Delhi, 14 December 2007.

Ms. Shipra Gupta: Attended the 13th Annual Conference of Indian Society for Enteral and Parenteral Nutrition, All India Institute of Medical Sciences, New Delhi, 12-14 October 2007.

Dr. S. Puri: Invited to present a paper on 'Understanding Music's Emotional Powers' at the National Conference on Music Therapy, New Delhi, February 2007.

Dr. Renu Arora: Jointly presented papers on 'Group Dynamics in Self Help Groups' and 'Food Labelling' at Epigenesis - International Conference-organised by Lady Irwin College in October 2007.

Dr. Charu Gupta: Jointly presented papers on 'Marketing linkage for Kantha Artisans in Birbhum' at Epigenesis, organised in October 2007. The second paper also received best poster award at International Conference for Apparel and Home Textiles in September 2007.

Ms. Mila Tuli: Presented a paper 'Adults as parents: Ethnotheories of Children's Development' at the 17th National Academy of Psychology Conference, Kanpur, 17-19 December 2007.

Ms. Shweta Kinra Kalra: Presented a poster on 'Khes - Resurgence of a Glorious Past' at the 3rd International Conference of OGTC, September 2007.

Dr. Bani Tamber Aeri: Presented a paper at the Annual Conference of the Nutrition Society of India held at Hyderabad in the Young Scientist (Senior) award category titled, 'Seasonal and the Maternal Factors affecting Birth Weight of Babies borne by pregnant women from Urban Slums of Delhi', November 2007.

Publications

Books

Puri, S. 2008. *Diet for the Elderly - A self-help booklet.* New Delhi : HelpAge India, (revised).

Nigam, A. *Laboratory Manual in Biochemistry, Immunology and Biotechnology.* New Delhi : Tata McGraw-Hill.

Research Articles

Puri, S. 2008. 'Nutrition : Multiple Roles in Successful Ageing'. *Research and Development Journal HelpAge India*, 14(1): 9-15.

Puri, S., Marwaha, R., Aggarwal, N., Tandon, N., Aggarwal, R. and Grewal, K., Reddy, D.H.K. and Singh, S. 2008. 'Vitamin D status of apparently healthy school girls from two different socioeconomic strata in Delhi: Relation to nutrition and lifestyle'. *British Journal of Nutrition*, 99(04): 876-82.

Marwaha, R.K., Tandon, N., Reddy, D.H.K., Mani, K., Puri, S., Aggarwal, N. Grewal, K. and Singh. S. 2007. 'Peripheral Bone Mineral Density and its predictors in healthy school girls from two different socioeconomic groups in Delhi'. *Osteoporosis International*, 18(3): 375-83.

Puri, S. 2007. 'Understanding Music's Emotional Powers: In Music Therapy as an Alternative Medicine'. edited by Kalyan Bagchi, Society for Gerontological Research, New Delhi.

Gupta, C. 2007. 'Value Addition of Cotton Swabs'. *Asian Textile Journal*. 'Consumer Preferences for Apparel Retailing in India', published by the Oxford Institute of Retail Management.

Passi, S.J. 'Music in Degenerative Disorders of the Cardiovascular system'.

Gandhi, H. 2007. 'Academia Mathematics: A critical appraisal'. *University News*, Association of Indian Universities. 'Pedagogic strategies to promote self regulated learning in Mathematics'. *Educational Review*.

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES

Major Activities

Starting of Doctorate degree: The major milestone of the year under review is that the Institute has been able to start the highest degree in the subject of physical education and sports science through the functioning of the Department of Physical Education and Sports Sciences from this Institute.

Starting subject at B.A. level: With the consistent efforts of the teachers of the Institute, the Department of Physical Education and Sports Sciences has introduced the subject Physical Education as a disciplinary and application subject in a revised pattern in the B.A. course in many Colleges of Delhi University w.e.f. the academic session 2007-08.

Seminars/Conferences attended

Dr. (Mrs.) M.K. Singh: Participated/Resource Person in a Seminar on 'World Health Day' on 7 April 2007, organised by WHO, UNIPFA, UNICEF and Health Fitness Club.

Participated as Resource Person in a Seminar on 'Drug Abuse & Illicit Trafficking' organised by the Department of Social Welfare, Govt. of Delhi, on 18 August 2007.

Participated in a National Seminar on 'Review and Development of Curriculum - M.P.Ed.' organised by the Department of Physical Education and Sports Sciences, Delhi University.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Ms. Garima Grover	B.Sc. (PEHE&S)	I
Mr. Tarun Routhan	B.Sc. (PEHE&S)	II
Ms. Ekta Mehta	B.Sc. (PEHE&S)	III
Ms. Sarashwati	B.P.Ed.	I
Mr. Gurpreet Makkar	B.P.Ed.	II
Ms. Kamna Sharma	B.P.Ed.	III
Mr. Rohit Pawar	B.P.Ed.	III
Ms. Babita	M.P.Ed.	I
Ms. Rashmi Gupta	M.P.Ed.	II
Ms. Parul	M.P.Ed.	III

Publications

Kansal, D.K. 2008. 'Sports for All'. In *Comprehensive Guidelines for Academic Excellence in Physical Education for Physical Education Teachers*, (ed.) D.N. Yadav. New Delhi : SCERT, pp. 8-11.

'Modernization and Effective Implementation of Physical Education for All to Promote National Health Care, Fitness, Wellness and Sports'. In *Comprehensive Guidelines for Academic Excellence in Physical Education for Physical Education Teachers*, (ed.) Yadav, D.N. New Delhi: SCERT, pp. 12-7.

2008. 'Sports Talent Selection'. In *Comprehensive Guidelines for Academic Excellence in Physical Education for Physical Education Teachers*, (ed.) Yadav, D.N. New Delhi : SCERT, pp. 18-24.

Gupta, R. 2008. 'Athletics: Field Events', in *Comprehensive Guidelines for Academic Excellence in Physical Education*. New Delhi: SCERT, pp. 40-2.

2008. 'National Sports Awards', in *Comprehensive Guidelines for Academic Excellence in Physical Education*. New Delhi: SCERT, p. 29.

Vijay. 2008. 'Food and Nutrition', in *Comprehensive Guidelines for Academic Excellence in Physical Education*. New Delhi : SCERT, pp. 32-4.

Kumar, P. 2007. *Historical Development of Track & Field*. Delhi: Friends Publication.

Singh, M.K. 2007. '*Sports Nationalism and Orientalism*' , Asian Games (ed.) Fan Hong. London: Routledge - Taylor & Francis Ltd.

India and the Asian Games: From Infancy to Maturity.

Gupta, R. 'Sharirik Avam Khel Shikhsa Ka Samajik Avam Vagyanic Drishtikon (in Hindi)' in the IGIPESS Magazine *Priyadarshini*.

INDRAPRASTHA COLLEGE FOR WOMEN

Major Activities

This year, for the second time, the College magazine was printed in Braille. It is the first and only College to bring out the College magazine in Braille to facilitate visually challenged students to contribute and to be able to read the magazine on their own.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Priyanka Bhardwaj	M.A. Mathematics	II
Deepika Aggarwal	M.A. Mathematics	III
Dhanya R.	M.A. Music	I
Archana Goswami	M.A. Music	II
Kamna Chibbar	M.A. Psychology	II
Smriti Sabharwal	B.A. (Hons.) Political Science	III
Priyanka Gera	B.A. (Hons.) Psychology	I
Mridu Markan	B.A. (Hons.) Psychology	III
Soumya Saxena	B.A. Programme	II

Library Development

Total Budget	:	Rs. 5,85,750.00
Number of Books	:	1086 + 193 (book bank)
Journals subscribed	:	8

New Additions

Sucheta Gaba	-	Commerce	T. Jaya Christy	-	Commerce
Ms Vimla Kumari	-	Computer Science	Ms. Manju Bala	-	Computer Science
Ms. B.R. Alamelu	-	English	Ms. Jaishree Borha	-	English
Ms. Mayuri Gagoi	-	Philosophy	Ms. Jaya Misra	-	Philosophy
Ms Meenakshi Verma	-	Psychology	Ms. Anita Swami	-	Sanskrit
Ms. Maya Verma	-	Sanskrit			

Honours/Distinctions

Dr. P.K. Bedi Salaria: Awarded the Ramcharan Agrawal Memorial Award 2007 for her excellent performance in the field of Physical Education, in July 2007.

Dr. Meenakshi Khanna: Awarded the Fulbright Visiting Lecturer Fellowship and taught in the Department of Religious Studies for a semester at the University of North Carolina, Chapel Hill.

Seminars/Conferences held

International Seminar on 'Transformation in Art- An Artist's Perspective and Science', 25 October 2007.

National Seminar on 'Reel and the Real- the Diminishing Line', 22 September 2007.

Seminars/Conferences attended

Dr. Manasvini M. Yogi: Presented a paper on 'Classical Theories of Plato and Aristotle and their relevance today' in an International conference organized by The International Association of Greek Philosophy at Samos Greece, 19 July 2007.

Presented a paper on 'Death. with Dignity' at the National Seminar organised by M.M.H College, Ghaziabad, sponsored by the Indian Council for Philosophical Research, April 2007.

Dr. Chitra Joshi: Presented a paper on 'Public Works and the question of unfree Labour in 19th Century India' at the workshop on 'Legal bondage and legal constraintson labour mobility in the Euroasiatic Space', 18-21 century', organised by the Centre National De La Recherche Scientifique and the Maison des Sciences de L 'Homme Paris, 27--29 September 2007.

Ms. Sonali Aggarwal: Presented a paper on 'The Dilemma of Representation: The Holocaust in Children's Literature', International Conference organised by the Children's Literature Association of India at St. Alloysius College at Manglore, January 2008.

Presented a paper on 'Fractured Nations and Female Identities: Reading *Khamosh Pani* and *Pinjar*' at a UGC National Seminar, organised by Daulat Ram College, November 2007.

Presented a paper on 'Teaching English Literature in the Indian Context: Challenges and Possibilities' at a UGC National Seminar organised by M.S. University of Baroda, January 2008.

Presented a paper on 'Interrogating Globalization: Amitav Kumar's Passport Photos and Bombay London New York' at a UGC National Seminar organised by the Delhi College of Arts and Commerce, March 2008.

Ms. Nilima Luthra: Presented a paper on 'The Visual/Textual Nonsense of Sukumar Ray' at the International Conference organised by AIWC at India Habitat Centre, September 2007.

Dr. Neela Minocha: Presented a paper on 'Morality and Law, Rights and obligations, Duties of rich towards the have-nots of the society in the National context', National Seminar organised by M.M.H. College Ghaziabad, April 2007, sponsored by the Indian Council for Philosophical Research.

Dr. Paulavi Das: Presented a paper on 'Socio Cultural Factors and Population Growth in North-East Region of India' in the National Seminar organised by the North-East India Council for Social Science Research at Shillong, June 2007.

Presented a paper on 'Empowering Women: North-East Scenario' in the National Seminar organised by The Internal Quality Assurance Cell.

Dr. Anita Cherian: Presented a paper on 'Cultural Policy in the Time of Globalization: Shifting Agendas for Culture at UNESCO and the WTO' at the National Seminar organised by the Institute of Economic Growth.

Dr. Shalini Shah: Presented a paper on 'The Philosophy of Kama in Classical Sanskrit literature', at the Indian History Congress, December 2007.

Publications

Yogi, M.M. 2008. *Euthanasia: It's Moral Implications.* Delhi: Pratibha Prakashan.

Sharma, J. 2007. *Secularism and Ayodhya Politics in India.* New Delhi: Deep and Deep.

Sethi, R. (ed.). 2007. *Nibandhon Ki Duniya. Essays by Hari Shankar Parsai.* New Delhi: Vani Prakashan.

Articles

Sethi, R. 2007. Memoir on the noted poetess Indu Jain, Sanchetna (poormank 181).

Trivedi, P. 'Performing the Nation: Dave Carson and the Bengali Babu' *The Nation in across the world: Postcolonial Literary Representations.* New Delhi : Oxford University Press.

Bhargava, M. 2008. 'Forests, Wild Beasts and Supernatural Powers : A folk Tale from Sunderbans Indian Folklife'. A quarterly Serial No. 28.

2007. 'Changing Rivers Courses-in North India: Calamities, Bounties, Strategies-Sixteenth to Early Nineteenth Centuries'. *The Medieval History Journal*, X (1-2).

Singhal, A., Bedi, P., Manditra, N., Dhand, S. and Sharma, R. 2007. 'Avoiding Traffic Jam using Ant Colony Optimization: A Novel Approach in Computational Intelligence and Multi-media Applications', ICCIMA 07 IEE.

Shah, S. 2008. 'Poetesses in Classical Sanskrit Literature: Centuries C.E.' *Indian Journal of Gender Studies*.

Vaiphei, L. 2007. 'Indian Diaspora and Indo Canadian Relations'. *Diaspora Studies*, I(I).

Yogi, M.M. 2008. 'Ethics and Corporate Social Responsibility', Abstract V International Conference, Pretoria, and South Africa.

Khillan, R. 2007. 'Nam Chumski aur Vikas Ki Duniya'. *Itihas Bodh Patrika*.

JANKI DEVI MEMORIAL COLLEGE

Major Activities

The College has been taken as a model College under the Project 'Accessible Delhi University' by Samarthyam, the National Centre for Accessible Environments. The efforts towards making the College disabled friendly have been appreciated.

In order to make the library disabled friendly, blank audio cassettes have been provided, Textbooks in Braille form have been procured from the Braille Library, D.U., and SAFA (Screen Access for all) screen reading software from NAB (National Association for the Blind) has been installed in one system. This software reads all the texts (in English and Hindi) as the cursor moves.

Student Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Ms. Manavi Gupta	B.Com. (Hons.)	III

Library Development

Total Budget	:	Rs. 5,37,300.00
Books added	:	
Purchased	:	1282
Gifted	:	16
Journals subscribed	:	78

New Additions

Ms. Indu Jain	- English	Ms. Bijoyta Yonzon	- Economics
Ms. Vandana	- Hindi	Ms. Orgina M. Lakadong	- Hindi
Ms. Meenakshi	- Hindi	Ms. Poonam Yadav	- Hindi
Dr. Jayanti P. Sahoo	- Philosophy	Ms. Sipu Jayaswal	- Philosophy
Ms. Renuka	- Political Science	Ms. Manisha Pushkar	- History
Ms. Jyoti	- Sanskrit	Ms. Abha Jain	- Phy. Education

Appointment of faculty member to higher Posts/Assignments

Dr. Kanika Batra: Offered Assistant Professorship in the Department of English, University of Texas at Lubbock.

Honours/Distinctions

Dr. Kumkum Srivastava and Dr. Anupama Rajput: Awarded Ph.D. Degree of Delhi University, February 2008.

Seminar/Conference held

The Political Science Department organised a Seminar in support of Myanmar's pro-democracy movement in India in collaboration with 'Burma solidarity'. The theme for the Seminar was 'Struggle for democracy in Burma against the Military Junta', 26 October 2007.

Seminars/Conferences attended

Ms. Marjorie Fernandes: Participated in the 4th International Conference on Federalism on the theme 'Unity in Diversity – Learning from each other', Forum of Federalism, Ottawa and the Inter-State Council, Government of India, Vigyan Bhavan, New Delhi, 5-7 November 2007.

Presented a paper on 'Role of e-Governance in Economic Development of India', 90th Annual Conference of the Indian Economic Association, Srinagar, 25-27 October 2007.

Participated in the National Conference on 'Information Technology: Present Practices and Challenges', Asia-Pacific Institute of Management, New Delhi, 31 August-1 September 2007.

Presented a paper on 'Role of Education for Women's Empowerment', National Conference on Women's Empowerment, Muzaffarpur, 23-24 April 2007.

Presented a paper on 'Functions of Teachers for Quality Higher Education', UGC sponsored National Seminar on 'Threats to Quality Concerns in Higher Education & Strategies for Improvement', Firozabad, 27 January 2008.

Presented a paper on 'Sustainable Development – Concept, Measurement & Implications for National Accounting', International Conference on Sustainable Development, IGNOU, 26-28 March 2008.

Mrs. Ritu Arora: Attended a UGC sponsored Seminar '21st Century Renaissance-Transformation in Technology and Life', Delhi College of Science and Commerce, 2-4 April 2007.

Dr. Swati Pal: Presented a paper at the Australian Drama Studies Conference, University of Melbourne, Australia, 3-6 July 2007.

Presented a paper on 'Community Theatre in India and Australia', Annual International Conference of the Indian Association for the Study of Australia, Kolkata, January 2008.

Presented a paper titled 'Murder Most Foul : Safdar Hashmi and Jana Natya Manch', International Conference on 'Performing Resistance Post Independence', IACLALS, Udaipur, January 2008.

Presented a paper titled 'Murder Most Foul : Safdar Hashmi and Jana Natya Manch', International Applied Drama Conference, University of Exeter, UK, April 2008.

Ms. Anuradha Ramanujan: Presented a paper at the Annual Conference of the South Asian Literacy Association in Chicago, December 2007.

Sumitra Thoidengjam: Presented a paper 'A Post Colonial Reading of Kanhailal's Pebet', IACLALS Annual Conference, 28-30 January 2008.

Dr. Deepali Bhanot: Presented a paper on 'Culture and Widowhood', National Seminar for Women's Studies, Centre for Women's Studies, University of Jammu, 20-21 November 2007.

Presentation on 'The Widows of Vrindavan', 8 January 2008, International Conference, 'Women, Leadership and Community Conference', New Delhi, ITROW, Towson University, USA and WSDC, Delhi University, 5-12 January 2008.

Dr. Anupama Rajput: Presented a paper on 'Cost Efficiency and Profitability of Indian Commercial banks', National Seminar, Department of Commerce, Patiala University.

Attended a Seminar on 'Wealth Management – The Emerging Scenario', Department of Financial Studies, 3 November 2007.

Publications

Books

Jain, K. 2007. *A Textbook of Logic* (bilingual), fourth revised edition, New Delhi: D.K. Printworld (P) Ltd.

Madan, V. 2007. *The Village in India*, second reprint, New Delhi: Oxford University Press.

Jain, V. 2007. *Non-Performing Assets in Commercial Banks*.

Vasishth, N. 2007. 'Advertising and Personal Selling' for students of B.Com. (Hons.) III year.

Bhanot, D. 2008. (Co-ed.). *Gender Concerns in South Asia: Some Perspectives*. Rawat Publications.

Jain, A. (Co-author). *An Encyclopedia of Excellence: Tests and Measurements in Sports-Exercise Psychology*.

Bhanot, D. 2007. Co-investigator for a study on behalf of the Guild of Service on the current situation of Bengali widows in Vrindavan, sponsored by UNIFEM. The study has been published under the title, 'Spirituality, Poverty, Charity brings Widows to Vrindavan' by UNIFEM.

Articles

Kanwal, P. 'Human Rights and Environment' part of the course material in the Human Rights Series by IGNOU.

Kanwal, P. 'Environment Movement in India' in Singh, M.P. *Indian Government and Politics in Comparative Perspective*.

Akhtar, Yasmin. *Indian Political Thinkers & Western Political Thinkers* for B.A. (Prog.), 1st year, School of Open Learning, Delhi University.

Murlidhar, N. 'Guidance and Counselling' in *An Intequated Approach to Human Development*.

Pal, S. 2007. 'Essay on Mahesh Dattani's *Final Solutions*' in *Mahesh Dattani's plays: Critical Perspectives*. Pencraft International.

Ramanujan, A. 'Intersections of Caste, Globalization and Life-Writing'. *Journal of Postcolonial Writing*, UK.

Thoiengjam, S. 2007. 'Taming Kribn Kesoba : The act of translation as recovery'. *Eastern Quarterly*, MRFD, Jawaharlal Nehru University, New Delhi.

Shrivastava, K. 2007. 'Muslim Women', 'Matka Pir', 'Piri Muiridi'. *Islam and Muslim Societies*, Vol. II.

Gupta, S. 2007. 'Vibhajan Ki Dainik Haqeeqat: 1940 ke Dashak mein Kanpur ki Akhbari Rajneeti'. In Singh, R.K., *Medianagar 03: Network Sanskriti*. New Delhi : Vani Prakashan & Sarai CSDS.

JESUS & MARY COLLEGE

Major Activities

Every Department of the College held academic Seminars, paper presentations, and festivals. The Economics Department took up the initiative to launch an annual Department newsletter *CATALLAXY*.

Jesus and Mary College won the Vice-Chancellor Trophy for the year 2007 for Excellence in Sports and was declared the best College in Delhi University in women's sports competitions. The College won this trophy for the 11th time.

Library Development

Total Budget	:	Rs. 10,92,500.00
Books added	:	907
Journals subscribed	:	85

Honours/Dstinctions

Dr. Sushila Ramaswami: UGC Research Award for 2004-2007 for a project on 'Post Cold War Social Concerns: Women's Representation in a Comparative Perspective', Department of Political Science.

Seminar/Conference held

The Department of Commerce organised the National Seminar 'India's Financial Sector: Leading India's 2020', 14-15 February 2008.

Seminars/Conferences attended

Dr. Shobhana Bhattacharji: Attended the 33rd International Byron Conference at Venice International University, San Servola, Venice, Itali, 9-13 July 2007.

Dr. Taisha Abraham: Talk on Globalisation at the UNESCO Conference Nicosia on 'Shared Visions and Sustainable Development', University of Cyprus, 12 November 2007.

Shveta Grover and Rashmi Sehgal: Attended the International Conference on Operator Theory and Related Areas, funded by CSIR, DSP, INFA, SAP Grant of UGC and unaided grant of Delhi University, 9-12 January 2008.

Ms. L. Jose: Attended the International Conference on 'Leveraging Innovation & Inventions', National Research Development Corporation, 15-16 October 2007.

Dr. Ela Trivedi: Attended the International Seminar on 'Gandhi and Quest for a Just Society', 1 February 2008.

Dr. Shobhana Bhattacharji: Presented a paper at the National Seminar on 'Gender in Popular Literature and Film', 18-19 January 2008.

Presented a paper and chaired a session at the 'National Seminar on Incredible India! Indian Travel Narratives in English and Bhasha Literature', 27-28 January 2008.

Ms. Shivali Kharbanda and Ms. Dhrupadi C.: Attended the National Seminar on 'Bengal Renaissance', North Campus, Delhi University.

Dr. Mani A. Nandhi: Chaired a Session at the National Seminar on 'Financial Sector Reforms: Leading India's Vision: 2020', 15 February 2008.

Ms. L. Jose, Dr. M. Mitra, Ms. S. Sabu, Dr. R. Gupta, Dr. S. Rastogi, Ms. N. Bhatia, Ms. K. Sachdeva, Dr. A. Motwani and Ms. P. Nair: Participants in the National Seminar on 'Financial Sector Reforms Leading India's Vision: 2020', 15 February 2008.

Ms. L. Jose: Participant in the National Seminar on 'Women Entrepreneurship Development Programme, Challenges and Opportunities', National Research Development Corporation, India Habitat Centre, 28-29 September 2007.

Ms. L. Jose and Dr. R. Gupta: Participants in the UGC-sponsored National Seminar on 'Banking in India: Thrust and Challenges', Kamla Nehru College, 24-25 January 2008.

Dr. Rekha Dayal, Dr. V. Mathur and Dr. G. Bakshi: Members of the Organising Committee, National Seminar on 'Financial Sector Reforms Leading India's Vision: 2020', 15 February 2008.

Dr. T. Talloo: Presented a paper at the National Seminar, 'Ekal Sansthan on Changing Strategies in e-educations'.

Publications

Books

Abraham, T. 2007. *Introducing Postcolonial Theories*. New Delhi : Macmillan.

2008. Edited Arthur Miller's *Death of a Salesman*. New Delhi : Longman Study, Edition.

Bhatia, N. and Sethi, J. *Elements of Banking and Insurance*. New Delhi : Prentice-Hall of India.

Chitgopekar, N. 2007. *Rudra: The Idea of Shiva*. New Delhi: Penguin.

2007. 'Motherhood in Hinduism', 'Fatherhood in Hinduism', 'Beauty in Hinduism', Entries in The Encyclopedia of Love in World Religions, (ed.) Yudit Greenberg. California, USA : ABC – CLIO.

Rastogi, S. (Co-author). *Compensation Management* for B.Com. (Hons.) III.

Talloo, T.J. *Business Organisation and Management* for B.Com. (Hons.), Delhi University. New Delhi : Tata McGraw-Hill.

Research Articles

Bhattacharji, S. 2007. Deshpande, S. (ed.). 'Theatre of the Streets: The Jana Natya Manch Experience', *Frontline*, 24(20) : 77-9.

2008. 'The gloom and cheerfulness of Childe Harold and Elizabeth Bennet', in *Byron: Heritage and Legacy*, (ed.) Cheryl Wilson. New York, NY : Palgrave Macmillan.

2008. *Indian Travel Writing*, New Delhi: Sahitya Akademi.

2007. Feryal Ali Gauhar, No Space for Further Burials, Women Unlimited, *The Book Review*, XXXI(5) : 14-15.

2007. Asra Nomani, Standing Alone in Mecca Harper Collins and India Today, www.tehelka.com, Agni Media Pvt. Ltd.

2008. Bernard Beatty, 'Inheriting Humors, Legating Humor', Byron: Heritage and Legacy USA, Palgrave Macmillan.

Singh, P. 'Collection of Short Stories', in *Manjuli Prakashan*.

'Pahla Pyar', in *Bayaan*.

'Sonam Ki Diary', in *Prarambh*.

'Shav Ke Prati', in *Vyangya Yatra*.

Taloo, T.J. 2007. Presented a paper on 'Changing Strategies in E-education', National Seminar at Chinmaya Mission, Book Ekal Initiative on Empowerment of Tribal and Rural Bharat.

Chitgopekar, N. 2007. 'The Shaiva Pantheon in Indonesia' in **Ray, H.P.** (ed.) *Sacred Spaces in South Asia*. Delhi: Manohar Publishers.

Ramaswamy, S. 2007. 'The Incompleteness of Multi-culturalist Agenda: Overlooking the need for a shared identity'. *Economic and Political Weekly*, pp. 3790-6.

KIRORI MAL COLLEGE

Major Activities

Substantial improvement in the College infrastructure was achieved during the year 2007-08. At the same time, there was major renovation of Physics and Chemistry Labs under the Heritage Programme. The College has two Computer Labs and the Library System is totally computerised.

The College maintains its own tradition of celebrating Founders' Day, Annual Day and Graduate Farewell Dinner. It honoured the staff members who have rendered 25 years of their services to the College. The Students' participation was enthusiastic and encouraging. Various events were organised by the Debate, MUSOC, FAPS, Players and Film Societies.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Shikha Gupta	B.Sc. (Hons.) Maths.	I
Wafa Singh	B.Sc. (Hons.) Botany	I
Surbhi Minocha	B.Sc. (Hons.) Statistics	I
Deborti Chatterjee	B.A. (Hons.) Geography	I
Gunjan Khurana	M.A. Maths.	I
Niti Chauhan	M.Sc. Botany	I
Shruti Taneja	B.Sc. (Hons.) Statistics	II
Krishna Das	B.A. (Hons.) Geography	II
Ravi Prakash	B.Sc. (Genl.)	III
Kunal Anuj	B.A. (Hons.) Geography	III
Farhat Kamal	M.A. Urdu	III

Library Development

Total Budget	:	Rs.13,11,200.00
Books added	:	2,369
Journals subscribed	:	30 and 40 Magazines + 2 Magazines for visually challenged Students

Internet facilities were provided to Students and Faculty by the Portal Room, a separate section in the Library.

For the visually challenged students, one computer with JAWA Software, 2 tape recorders and 600 audio cassettes were issued.

New Addition

Ms. Geethanjali Kher - Lecturer in Computer Science

Seminars/Conferences attended

Dr. Usha Kulshreshtha: Attended the International Conference on Relativistic and Nuclear Light Cone, OIO University, 14-18 May 2007.

Dr. Seema M. Parihar: Presented a paper at the International Conference on 'Achieving Millennium Development Goals - A Geospatial Perspective at Micro Level', APESA Conference on Conception of Justice in Asia, New Delhi, 23-25 November 2007.

Preliminary Project Reporting of Evolving Web Based Geospatial Capacity Building Infrastructure for Map Use Research at the Conference on Spatial India, International Conference on IT and GIS Strategy for Infrastructure, Jaipur, 25-26 October 2007.

Dr. O.P. Hooda: Attended the International Conference 'Building Knowledge Repositories', National Institute of Fashion Technology, New Delhi, 7-9 February 2008.

Publications

Journal

Kulshreshtha, U. Three publications in the International Journals *Physica Scripta*, *Modern Physics Letter A* and *International Journal of Theoretical Physics*.

Book

Hooda, O.P. *Financial Management of College Libraries*.

KALINDI COLLEGE

Major Activities

The year 2007-08 has been a year of laudable achievements for Kalindi College. There were significant strides in the areas of research, academics, sports, curricular and extra-curricular activities. Books were published by Dr. Saraswati Bali and Dr. Ruchi Tyagi from the Departments of Sanskrit and Political Science, respectively. Research papers in academic journals were published by teachers of Sanskrit, Hindi, English, Economics and Political Science Departments.

Library Development

Total Budget	:	Rs. 5,24,000.00 / Rs. 2,00,000.00 (under the XIth Plan)
Books added	:	1,260
Journals subscribed	:	60

Honours/Distinctions

Dr. Santosh Sachdeva: Received recognition certificate from the World Bank for contribution in assessment of proposals for the India Development Marketplace – 2007 on the theme 'Grassroots Initiatives for Management and Protection of Natural Resources', 28 May 2007.

Dr. Anjoo Sharma: Awarded Ph.D. Degree by UGC Centre for Federal Studies, Jamia Hamdard University, November 2007.

Seminars/Conferences attended

Dr. Sitesh Bhatia: Presented a paper on 'Health Costs of Environmental Degradation: A Monetary Perspective', joint Regional Conference on Comparative Health Policies, IPSA, South Campus, Delhi University, 15-16 October 2007.

Dr. Ruchi Tyagi: Gave a talk on 'Medical Pluralism: Viability of Holistic Medicine for Integrating Alternative Health System', at Joint Regional Conference, International Political Science Association RC 25 & RC 39, 'Comparative Health Policies within Welfare States in Developing Societies', South Campus, Delhi University, 15-16 October 2007.

Prempal Singh: Presented a paper on 'Non-Linear Dynamical Systems', International Conference on 'Operator Theory and Related Areas', 11 January 2008.

Publications

Singh, M. (Co-editor). *Shakespeare and Class*, a book based on the Seminar held by the Shakespeare Society of India.

Gupta, M. 2007. 'Prachin Tamil Sahitya ki Visheshayen', in Vimlesh Kanti Verma and Malti (eds), *Bhasha Sahitya aur Sanskriti*.

Anand, M. (Co-ed.). *Apeksha*, quarterly Dalit magazine, Delhi.

Tyagi, R. 2007. *Indian Politics in Comparative Perspectives*. Delhi: Mayur Paperbacks.

2007. 'Grantha Adhyayan: Tathyagat Avam Sandarbhat' ('Reading Classics: Textual and Contextual'), in Sinha, M. (ed.), *Gandhi Adhyayan*. New Delhi: Orient Longman.

2007. 'The Relevance of Gandhi's Economics Swaraj: In the Era of 21st Century Globalization'. *South Asia Politics*.

2007. 'Judicial Activism: Affirmative Action or Judicial Populism'. *South Asia Politics*.

2007. 'Election of the first Women President: Politics of Presidential Elections'. *South Asia Politics*.

2007. 'Gandhi Wanted a Female Head of State'. *South Asia Politics*.

Bali, S. 2007. *Suhina Gul (Beautiful Flowers)* a book for children. Delhi: Sindhi Book Trust.

KAMALA NEHRU COLLEGE

Major Activities

The College Annual Day was celebrated on 21 November 2007. On this occasion the College released the second issue of the Academic Journal, *Akados*, the College magazine *Apoorva*, and *Communique* the broad sheet from the Department of Journalism. This year, the English Department joined in with its newsletter *White Noise*. Others already in circulation were *Awaken* on consumer awareness, *Eco-centric* from the Department of Economics, *Interact* from the Political Science Department, and *Reflection* from the Department of Philosophy.

The College has a Placement Cell and in the last year career counsellors visited the College and a number of students were placed with multinational companies like Google and Ernst and Young, and by the BPO sector.

Library Development

Total Budget	:	Rs. 9,70,500.00
Books added	:	1,485
Journals/Periodicals subscribed	:	95

New Addition

Mr. Naresh Kumar - Lecturer

Seminars/Conferences held

Seminar on 'Delhi: Images, Imagination and Perception', 4-5 December 2007.

National Seminar on 'Banking in India: Thrust and Challenges', 24 January 2008.

Seminars/Conferences attended

Dr. Sheetal Kapoor: Presented a paper on 'New Measures of Consumer Protection: The Banking Ombudsman Scheme', National Seminar, Kamala Nehru College, 25 January 2008.

Presented two papers in the National Seminar on 'Globalization, Consumerism and Protection of Consumer Rights in India' titled 'Legal and Ethical Aspects of Advertising' and 'Empowering Consumers Through Comparative Testing', Jawaharlal Nehru University, New Delhi, 29 March 2008.

Chaired a session at the National Conference on 'Solid Waste Management: Challenges for Future', School of Environment Studies, Delhi University, (AIFPDM) and School of Environmental Sciences, Jawaharlal Nehru University, New Delhi.

Publications

Malhotra, R. 2007. 'Serbian Poetry (Farm and Indian Society)', *Sampark Journal of Global Understanding*, Issue on Serbia, pp. 64-71.

2007. *I am not your women*, a book of verse. Kolkata, Delhi, London: Sampark Publishers.

Malhotra, R., et. al. 2007. *Combinational optimization* (some aspects). New Delhi, Chennai, Mumbai, Kolkata : Narosa Publishing House.

Translated into Serbian was published, and she was written about in the literacy newspaper in Belgrade, *KN012EVNE NOVINE*.

She was part of the Finnish-Indian team participating at the Literacy Evening of Finland, Hungary and Estonia, Hungarian Information and Cultural Centre, New Delhi.

2007. Contributed in *The Seventh Quarry, a literacy journal* edited by Peter Thobit Jones, along with poets from Cornwall, England, Scotland, Wales, USA and Canada. Published in Swansea, Wales.

Kapoor, S. 2007. 'Managing Customer Care in the Information Age'. *Akademos*.

2007. 'Influence of Children in Family Purchase Decisions'. *Business Horizon*, Vol. 1.

2008. 'Protecting Consumers'. *Yojana*.

2008. 'Self Help Through Consumer Protection'. *The Egalitarian*.

2008. 'Insurance and the Consumer'. *Consumer Voice*.

LADY SHRI RAM COLLEGE FOR WOMEN

Major Activities

The academic session was consistently interspersed with a range of Seminars both at the College and National level. Sterling work was done by our REACH (Reaffirming Equity, Access, Capacity and Humanism) Project for skill and academic enhancements for socially disadvantaged and differently abled students. They also now have a buzzing hub under the name of 'Swavlamban'.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Arpita Sinha	B.A. (Hons.) English	II
Kandala Singh	B.A. (Hons.) History	II
Shivani Kapoor	B.A. (Hons.) Journalism	II
Ayesha Gautam	B.A. (Hons.) Philosophy	I
Ritika Bhutani	B.A. (Hons.) Psychology	I
Geeta	B.A. (Hons.) Sanskrit	III
Richa Khanna	Statistics	I
Sakshi Rehani	B.Com.	I
Mohita Wahi	B.A. Programme	I
Maitrayee Roy Choudhary	M.A. English	I

Library Development

Total Budget	:	Rs.10,68,374.00
Books added	:	98,600
Journals subscribed	:	About 5225 bound Journals

New Addition

Mr. Mahesh S. Panicker - Political Science

Honours/Distinctions

Dr. Meenakshi Gopinath: Honoured with the Qimpro Platinum Award – 2007.

Dr. Sangeetha K.S.: Awarded the Charles Wallace India Trust Award for short-term Post-Doctoral Research in the United Kingdom.

Seminars/Conferences held

International Seminar 'From a Life of Mathematics', Mathematical Science Foundation. Prof. Marie F. Roy, University of Rennes, France, was the chief guest.

'Mathematics Education – Expanding Vistas', a two-day Seminar organized by the Department of Elementary Education that provided an interface between researchers, mathematics teachers educators, curriculum developers and practicing teachers in elementary Mathematics.

Seminars/Conferences attended

Dr. Arvind Kumar: Invited as keynote speaker at the National Conference on Retail Banking at Shri Giriraj Ji Maharaj Institute of Management & Technology, Mathura (U.P).

Ms. Esther Narjinari: Attended CHOTRO, an International Conference on Indigenous Literatures, History, Folk Systems, Language and Culture, IGNC, Bhasha and EACLAL and IACLALS.

Ms. Naina Dayal: Presented a paper on the transmission of the Sanskrit Mahabharata of Vyasa at a UGC-sponsored National Seminar on 'Mahabharata: Circumstances, Components, Outcome', July 2008.

Dr. Madhuri Subodh: Attended the 8th World Hindi Conference, New York, 2007.

Ms. Seema Sirohe: Presented a paper at the International Conference on 'e-learning in Teacher Education', CIE, Delhi University.

Publications

Meenakshi, G. 2008. 'Etchings on a Wave' in *Closer to Ourselves – Stories from the Journey to Peace*. Delhi : WISCOMP.

Kumar, A. 'Corporate Social Responsibility and Supply Chain Management'. *Journal of Management*, Asia Pacific Institute of Management, New Delhi.

Singh, N. 'Automotive Industry', in Kumar, N. and Joseph, K.J. (ed.), *International Competitiveness and knowledge based Industries in India*. New Delhi : Oxford University Press. 'Globalization and Auto Component SMEs in India', in Agarwal, M. and Ray, A. (eds), *Globalization and the Millenium Development Goals: Negotiating the Challenge*. Delhi: Social Science Press.

Damodaran, S. Research study titled 'Migratory Work and Identity: A Study of Kerala Nurses in Delhi', V.V. Giri National Labour Institute, Noida.

Anwer, M. 2007. Article 'Defining History: The Artist and the Revolutionary Sphere: David's Contribution to French Revolutionary Visuality', *The Yearly Review*, No. 15: *Revolutionary Aesthetics: Writing Nation/Embodying Gender (special issue)*. 'Identity of One's Own', (an analysis of what it means to be a young Muslim in India). *Traffic Life*.

Subodh, M. 2007. 'Trinidad – 10 April 1996' Hindi Jagat', *Vishva Hindi Nyasa*, New York.

Kalra, S. 'Sahitya Sanskriti aur Popular Culture', in Malti and Vimlesh kanti (eds.), *Bhasha, Sahitya aur Sanskriti*. New Delhi : Orient Longman.

Jain, R. 'Operator Space Tensor Products of C*- Algebras'. *Mathematische Zeitschrift*, an International online Journal of Mathematics.

Pahuja, M. 2007. (Co-author). *Annual Statistical Swimming Bulletin, issue 27*.

Kumar, V.R. 'U.S.-European Union Transatlantic Relationship' in Jain, R. and Kashyap, R. (eds), *U.S.- European Politics*, 'Jihad' in Stout, Daniel (ed.) *Encyclopedia of Religion, Communication and Media*, New York : Routledge.

Jawa, S. 'Women College Teachers' Perception about Their Principal's Supportive Behaviour towards them and its Impact on their Stress and Job Attitudes'. *British Journal of Educational Psychology*. 'Spirituality and Health in Bhagvad Geeta'. *The Journal of Psychosocial Research*.

Khandelwal, K. 'Gender Sensitisation; A Psychological Perspective'. *Amity Journal of Behavioural and Forensic Sciences, Volume III*. 'What is holding you back? The Missing Dynamic in Sports; Fear of Success' in Singh, S., (ed.). *Psychology of Sports Performance; Applications, Interventions and Methods*. 'Fear of Success: Towards Understanding its Psychological Dynamics and Contradictions' will appear in the forthcoming issue of *Journal of Research and Applications in Clinical Psychology*. Submitted 'Effective Teaching in Higher Education: Research Trends and Implications' for *Journal of Psychosocial Research*.

Sabharwal, G. 2007. *India Since 1947: The Independent Years* (a time line of sixty years of independence).

Kumar, K. 'Cost-Benefit Analysis of a Distillery Plant'. *International Journal of Agricultural and Statistical Sciences*, 3(2).

Rajashree, S. 'Financing Sustainability and Globalization'. *Journal of Health Management*, Sage Publications, Vol. 9.

Sharma, S. 2007. 'Pathya-pustakon ka astiva'. *Shiksha Vimarsh*, Issue 1.

Bassi, T. Review *Indigenous Education at Crossroads, Perspective in Education*, Vol. 23.

LADY IRWIN COLLEGE

Major Activities

Year 2007 was the 75th year of the inception of Lady Irwin College. Messages from eminent persons and academics reiterated the lodging of many pioneering flags in women's education in general and Home Science in particular. Besides stimulating lectures and research presentations, the faculty put together a cultural resurrection of the discipline of Home Science for the delegates.

In the 75th year, five Master's programmes were launched with revised curricula. The College sparkled in its new look after thorough renovation of the heritage buildings of Delhi University and the city of Delhi.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Harshita Chaoudhary	B.Sc. Fabric & Apparel Science	I
Garima Sharma	B.Sc. Human Development	I
Niyati Verma	B.Sc. Resource Mgt. & Design App.	I
Suchi Gaur	B.Sc. Development Comm. & Extn.	I
Priyanka Gupta	M.Sc. Food & Nutrition	I
Vaishali Himmatramka	M.Sc. Community Resource Mgt. & Extn.	I
Bhavana Kohli	M.Sc. Child Development	I
Akanksha Rastogi	M.Sc. Textiles	I
Suneela Chopra	B.Ed.	I
Vidhi Sharma	B.Ed.	III
Shilpi Mahajan	DDPHN	I

Seminar/Conference held

The College hosted a three-day platinum Jubilee Conference titled 'Epigenesis-Empowerment for Excellence in Home Science', 4-6 October 2007.

Seminars/Conferences attended

Dr. Anupa Siddhu, Director: Delivered the Plenary Lecture on 'Dietary intake techniques' at the Public Health Foundation in New Delhi, Teaching Seminar on Nutrition with International Faculty at New Delhi, November 2007.

Dr. Veenu Seth: Presented a paper titled 'Nutritional Status of Children with disabilities' at the 10th European Nutrition Conference in Paris and 'Nutrition and Lifestyle Related Risk factors in Presenile Cataract' in the 39th National Conference, Nutrition Society of India, Hyderabad, 15-17 November 2007.

Dr. Seema Sekhri: Presented a paper on 'Analysis of Adult Female Figures on the Basis of Height and Bust Type' in the 2nd International Conference on Apparel and Home Textiles.

Ms. Veena Kapur, Dr. Simmi Bhagat and Dr. Ritu Mathur: Attended the Textile Summit 2007 organised by the Ministry of Textiles, and a Conference on Indian Textile Industry: 'Strategy for Growth and Competitiveness', organised by FICCI and the Ministry of Textiles.

Dr. Nandita Chaudhary, Dr. Neerja Sharma, Dr. Shraddha Kapoor, Ms. Punya Pillai and Dr. Indu Kaura: Presented a Symposium on 'Linking the Abstract to the Everyday: Selected studies of Children and Families' at a Conference at IIT Kanpur, organised by the National Association for Psychology.

Dr. Asha Singh, Dr. Neerja Sharma, Dr. Vinita Bharagava and Dr. Shraddha Kapoor: Presented papers on several aspects on Childhood in Families at a National Seminar on 'The Contemporary Indian Family: Change and Continuity', Department of Sociology, Delhi University.

Dr. Asha Singh and Ms. Pria Somiah: Presented a paper titled 'Media and Quality Issues in Programming for Children' at the Platinum Jubilee Conference of Lady Irwin College titled 'Epigenesis: Empowerment for Excellence in Home Science'.

Dr. Priti Joshi: Presented a paper on 'Transition to Inclusion in a Rural Special School: A Case Study from India' at the 8th Annual 2nd City International Conference on Disability Studies in Education, University of Columbia, New York, USA.

Dr. Meenakshi Mital and M. Sethi: Presented a paper titled 'Liberalization and Consumer Buying Behaviour Regarding Consumer Durables: Issues and Perceptions of Families in Delhi', 14th Biennial International Congress Asian Regional Association for Home Economics at Kuala Lumpur, Malaysia.

Dr. Renu Malaviya: Presented a paper titled 'Teacher's Job Satisfaction and Stresses' at the 'International Conference on 'Universal Quality School Education: Challenge of the 21st Century', New Delhi.

Honours/Distinctions

Dr. Anupa Siddhu: Received the National Distinguished Educationist Award presented by the Federation of Educational Publishers in India.

Publications

V. and Singh, K. 2007. *Diet Planning through the Life Cycle, Part II: Diet Therapy - A Practical Manual*, 4th edition. New Delhi: Elite Publishing House.

Mathur, P. and Singhal, P. 2008. 'Availability and Consumption of artificial sweeteners among diabetics, overweight individuals and College girls in Delhi'. *Indian Journal of Nutrition and Dietetics*. 45: 26-33.

Goel, S. 2008. *Empowerment of Women and Girls in Rural Areas and Empowerment of Rural Youth through Participatory Extension Methodology*. New Delhi: IARI.

Singh, A. 2007. 'Inclusive Society: Inclusive Classrooms. Processes in Inclusive Education'. *Journal of Early Childhood Care and Education*, New Delhi, 8(3).

Kapoor, S. 2007. 'Partners in Early Childhood Education – Parents and teachers'. *Navtika - Journal of Early Childhood Care and Education*, New Delhi, 8(3).

Thomas, S. 2008. Course Material for Section VI - *Nutrition and Health Care in the Training module on ECCE* for NIPCCD in collaboration with UNESCO.

2008. Course Material for Unit 2,3 MFN-007 *Entrepreneurship and Food Service Management* for IGNOU Master's Programme.

Bhagat, S. 2007. Summer Formals. *Bride and Style magazine*, 1(2).

LAKSHMIBAI COLLEGE

Major Activities

The College continued to take significant strides forward with its commitment towards imparting education that is more professionally oriented. It is a matter of pride that the College joined the Eco-Club of the Department of Environment, Government of NCT, Delhi, in the year 2007 and participated in the Annual Eco-Meet held in December 2007 at Bal-Bhawan. The Placement cell of the College also worked hard towards achieving the objective of making students more career savvy. The College has always had an active Woman's Development Centre (WDC) and this year too the Committee organized a number of Seminars on pertinent issues such as 'Domestic Violence' and 'Gender and Health', the latter in collaboration with the Gender Sensitization Committee. The English Department organized a one-day orientation session for new entrants to the English Honours course and a seminar on 'Contemporary Literature Narrating the Present/Past'. The Department of Physical Education brought laurels to the College and its students performed meritoriously. Infrastructural development of the College is in full swing, and the highlight of the year was the setting up of a modern fully equipped Apparel Design Lab.

New Course Introduced

Bachelor in Business Economics

Short-term Certificate course in Chinese

Library Development

Total Budget	:	Rs. 2,85,000.00
Books added	:	868
Journals subscribed	:	57

New Additions

Ms. Neelam	-	Hindi
Ms. Manisha Shakhwar	-	Hindi
Ms. Anshu Singh Jharwal	-	Hindi

Honours/Distinctions

Dr. (Mrs.) Karuna Kaushik, Principal: Received the Mahavidyalya Sanskrit Seva Samman.

Dr. (Mrs.) Pushpa Gupta, Vice-Principal: Awarded the Sanskrit Samaradhak Samman by Delhi Sanskrit Academy, Delhi.

Dr. Veena Arora: Awarded the Katharatna Samman by Jamini Academi, Haryana.

Dr. Anita Sharma: Honoured with the Sanskrit Samaradhak Samman, 2007.

Seminars/Conferences attended

Dr. (Mrs.) Karuna Kaushik: Attended the National Convention on the Value Education organised by IIT, Kanpur, International Institute of Information Technology, Hyderabad, and IIT, Delhi, 22-24 May 2007.

Dr. Pushpa Gupta: Presented a paper titled 'Adhunik Sanskrit Sahitya mein Rashtriya Chetna' at the National Research Seminar organised by Kalidasa Academy of Music and Fine Arts.

Delivered the keynote address on 'Nationalism and Indian Literature' at the 'National Research Seminar organised by Kalidasa Academy.

'Atharva Ved mein Aushadvigyan' presented at the All-India Sanskrit Sammelan organised by Delhi Sanskrit Academy.

Dr. Savitri Gupta: Presented a paper on 'Vedic Treasures' at the International Aryan Conference, Chicago, USA.

'Sanskrit-Sahitya Samajasya Avadharna' presented at the All India Sanskrit Seminar organised by Delhi Sanskrit Academy.

Dr. Saroj Gulati: Participated In an International Seminar, 'Cities, Roads and Caravan Sarais : An Emblem of Linkages through the Ages', organised by the Ministry of External Affairs, 8-12 January 2008.

Dr. Suman Jain: Presented a paper titled 'ICTS and Empowerment of Women: Some case studies from India', at the 29th Conference of IFUW, Manchester, England, 9-16 August 2007.

Participated in the All-India Conference 'Women in the 3rd Millennium: Winds of Change', Organised by IFUWA, Mumbai 2007.

Participated in the Summit on 'Climate change and sustainable Development: A Global Perspective', organised by ASSOCHAM, 15 October 2007.

Attended an International Conference on 'Gandhi, Globalization and Climate Change', organised by Navdanya and World Future Council at India International Centre, New Delhi.

Dr. Anita Malhotra: Presented a paper titled 'Nutritional Status and Related Knowledge of Rural Adolescent Girls in Rural Blocks of Delhi and Rajasthan', International Inter-disciplinary Conference on 'Nutrition and Nurture in Infancy and Childhood', held at Cumbria, Preston, UK, in June 2007.

Participated in an International Symposium on 'Food Technology for better Nutrition', organized by Nutrition Foundation of India, 30 November-1 December 2007.

Attended a National Symposium on 'Nutrition and Bone Health', organised by Nutrition Foundation of India in July 2007.

Attended a National Conference on 'Women of India : How Equal, How Safe'.

Ms. Deeba Zafir: Presented a paper titled 'Ghalib and the Revolt of 1857' at a Seminar on 'The Rising of 1857: Literary Response', jointly organised by the Department of Modern Indian Language and Literary Studies and the Indian Council of Historical Research, April 2007.

Dr. Anita Sharma: Presented a paper on 'Kalidasa ke Raghuvansha Main rashtriya Bhavna' at a National Seminar organised by Kalidasa Academy and Delhi Sanskrit Academy.

Dr. Seema Kaushik: Presented a paper titled 'Physical Fitness: The Quality of Life' at a National Seminar organised by UGC-ASC at LNIPE, Gwalior.

Dr. Babita Verma: Presented a paper on 'Reservation and Women's Empowerment: A case study of Uttranchal and U.P.' at a National Conference on 'Narration of Women and Indian Nation', organised by Daulat Ram College, 21 November 2007.

Presented a paper titled 'Bureaucracy and Women's Panchayat' at an International Conference which was a collaborative venture between Delhi University and China University, 18 October 2007.

Publications

Arora, S. 2007. *Dinkar ki Kavya Bhasha ka Shailivaganik Adhyayan.* Delhi: Shivalik Prakashan.

Gautam, V. (ed.). *Bhartiya Sahitya Kosh.*

Gupta, P. *Dutvakyam Vedic Sankalan.*

Singh, C.N. 2007. *Only so Far and No Further : Radical Feminism and Women's Writing.* New Delhi: Atlantic Publications.

Gulati, S. 2007. 'Last Rites: Some Special Cases'. *History Today*, No. 8.

MAHARSHI VALMIKI COLLEGE OF EDUCATION

Major Activities

The College entered a new era of progress in 2007 when it completed twelve years in the struggle to establish its character. This was marked by various academic events which took place round the year, particularly on its Foundation Day. The following events were significant in the light of the changing scene of education in India.

Special audio visual presentation and interactive session on 'The Good teacher and the good pupils'.

A team of almost twenty students and teachers from Germany visited the College during their four week visit to India with regard to Gandhian Studies and Indian Culture. The team was headed by Mrs. Rita Roy of Gandhi Peace Foundation. During their interaction with B.Ed. students, they exchanged notes on school education and teacher education of the two countries.

Student Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Gunjan Sharma	B.Ed.	II

Library Development

Total Budget	:	Rs. 90,000.00 approx.
Books added	:	150
Journals subscribed	:	16

New Addition

Dr. (Mrs.) Kailash Goel

Seminar/Conference held

One-day National Seminar on 'Inclusive Education', All India Association of Teacher Educators, 29 March 2008.

Seminars/Conferences attended

Dr. Prabhjot Kulkarni: Attended an International Conference on 'Gandhi, Globalization and Climate Change', India International Centre, New Delhi, Navadanya and World Future Council.

International Conference, EDGE-2008, India Habitat Centre, New Delhi, and IIM Bangalore.

Dr. Gopal Rana: Attended a National Conference of the All India Association of Teacher Educator on the theme 'Teacher Education in a Knowledge Society', BDK College, Agra.

Dr. Vandana Gupta: Attended a National Seminar on 'Science Education in School: Emerging Perspectives', Department of Education, Delhi University.

Dr. Kailash Goel: Attended a National Seminar on the theme 'Rajbhasha bhasha ke Roop mein Hindi ka Vikas; Chunoutia avam Sambhavanaye', Maharaja Agrasen College, Delhi University.

MIRANDA HOUSE

Major Activities

Established on 7 March 1948, Miranda House celebrated its diamond jubilee this year. Several programmes were organised on a grand scale to commemorate sixty years of sustained excellence and commitment to liberal education. Major grants gave impetus to the development of new infrastructure to facilitate teaching and research. Several state-of-the-art computer facilities, Science laboratories and multimedia-enabled lecture theatres were set up. The College had the unique privilege of receiving a multi-crore grant to establish the D.S. Kothari Centre for Research and Innovation in Science Education.

New Course Introduced

Fitness, Aerobics and Gym Operations

Medical Biotechnology, Green Chemistry and Environment, Radio Jockeying and Television Patrakarita, Television Journalism and Photography.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Ms. Beejal Mashruwala	B.A. (Hons.) Philosophy	I
Ms. Preeti Agrawal	B.A. (Hons.) Sociology	I
Ms. Bhawna Bansal	M.Sc. Mathematics	I
Ms. Dhanakshee Kukreja	B.A. (Hons.) Philosophy	II
Ms. Sumita Sarma	B.A. (Hons.) Sociology	II
Ms. Chetna Sahni	M.A. Music	II
Ms. Ritu Pandey	M.Sc. Botany	II
Ms. Minsushree Sharma	M.Sc. Anthropology	II
Ms. Vedasmrita Das	B.A. (Hons.) Sociology	III
Ms. Preeti Agarwala	M.A. English	III
Ms. Ruchitra Gupta	M.Sc. Botany	III
Ms. Vrinda Thareja	B.Sc. (Hons.) Physics	III

Library Development

Total Budget	:	Rs. 7,032000.00
Books added	:	729
Journals subscribed	:	127

New Additions

Ms. Aparajita Sharma - Hindi Ms. Sangeeta Rai - Hindi
Ms. Bashabi Gupta - Geography Ms. Parul Bhardwaj Sharma - English

Honours/Distinctions

Dr. Pratibha Jolly: Conferred the Dr. S. Radhakrishnan International Award for Excellence in Educational Leadership by All India Classic People Society on 23 September 2007 at the First Youth World Parliament.

She was also conferred an Award of Honour for her sincere services in the interest of the Nation by the Hon'ble Mr. Justice G.B. Patnaik, Former Chief Justice of India, Lawyers Chamber Auditorium, New Delhi, 12 December 2007.

Dr. Urvashi Dhamija: Won the 2nd Prize in an essay competition on 'The Environment Issues of Delhi', Government of NCT of Delhi on the occasion of World Environment Day 2007.

Seminars/Conferences held

Interdisciplinary Seminar on the theme 'Probing Contemporary Indian Society', 5-6 February 2008.

National Symposium on "Science of Life: The New Horizon", Science Departments of Miranda House, 21-23 November 2007.

Dr. Pratibha Jolly: Participated in the Annual Conference of the International Commission on Physics Education, Commission 14 of the International Union of Pure and Applied Physics in her capacity as the serving Chair of the Commission and Co-Chair of the Conference, Cadi Syyad University, Marrakech, Morocco. At this Conference, she delivered the Inaugural comments and Plenary talk titled 'From Undergraduate Projects to Indigenous PHYSWARE for Innovative Laboratory Programs', 11-16 November 2007.

Seminars/Conferences attended

Dr. Urmil Rustagi: Presented a research paper titled 'Manju in Rigveda' in the International Seminar arranged by Wider Association of Vedic Studies Waves, USA, Vrindavan, 13-15 December 2007.

Ms. S. Chakravarti: Attended and presented a paper titled '1857 and Bengali Literature' at an International Seminar on 'The Revolt of 1857: Revisiting Anti-colonial Resistance', University Conference Centre, 26-28 November 2007.

Ms. Hena Oak: Presented a paper on 'Economic Perspective to the Air Pollution Problem', International Congress of Environmental Research, Bhopal, 20-30 December 2007.

Dr. Nisha Bala Tyagi, Dr. Supriya Saha, Dr. Anita Mehrotra, Dr. Pratibha Sharma and Ms. Anuradha Mathur: Attended the International Seminar on 'Globalization of the Gandhian Way', Jawaharlal Nehru University, New Delhi, 13 November 2007.

Ms. Meetu Bhatia: Attended the International Conference on 'Operator Theory and Related Areas', Department of Mathematics, Conference Centre, Delhi University, 9-12 January 2008.

Dr. Monika Tomar: Presented the paper 'Growth of Vertically Aligned Array of Ferroelectric PbTiO₃ Nanorods by Pulsed Laser Deposition', co-authored with S. Shandilya, K. Sreenivas and Vinay Gupta, Indo-Australia Symposium on 'Multi-functional Nanomaterials, Nanostructures and Applications', Department of Physics and Astrophysics, Delhi University, 19-21 December 2007.

Dr. Svati U. Joshi: Speaker, Symposium on 'Globalisation, Lekhak Mandal', Gujrati Writers' Association, Ahmedabad, 16-17 February 2008.

Dr. Urmil Rustagi and Dr. Meena Kumari: Presented a paper at the 11th India Conference, Waves, Bon Maharaj Institute of Management & Technology, Ramen Reti, Vrindaban, UP, 14-16 December 2007.

Dr. S. Chakravarti: Attended a National Seminar on 'Tribes of India in Modern Indian Languages and Literary Studies', Delhi University, 5-7 September 2007.

Dr. Anjeel Kaur: Attended National Seminar, Department of Punjabi, Delhi University, August 2007.

Attended National Symposium Commemorating the 300th Anniversary of Guruship to Adi Granth 'Guru, Granth and Panth: Situating Sikh Movement in South Asian Context', SGTB Khalsa College, Delhi University, 4-5 February 2008.

Dr. V. Rajaram: Attended National Seminar, MIL LS Department, Delhi University, September 2007.

Ms. Ravinder Jha: Presented a paper titled 'Price Behaviour in Indian Pharmaceutical Industry' at SAP-DSA Conference on Economic Structures, Growth and Development, Jawaharlal Nehru University, New Delhi, 31 January 2008.

Ms. Hena Oak: Presented a paper on 'Economic Perspective to the Air Pollution Problem', International Congress of Environmental Research, Bhopal, 20-30 December 2007.

Ms. Bharati Jagannathan: Presented a paper titled 'A Promise of Salvation: Construction of Srivaisnava Theological Discourse through Hagiography', International Seminar on 'History of Religions', ASC, JNU, the Nehru Memorial Museum and Library and the Romanian Embassy, October 2007.

Dr. Nisha Bala Tyagi: Presented paper on 'Peace: A Gandhian Perspective', Gandhi King Conference, Memphis, USA, 27 October 2007.

Invited by Case Western University, Cleveland, USA, to deliver a lecture on 'Making Peace in the World', 30 October 2007.

Presented paper on 'Satyagraha' in a Conference on 'Globalization and Satyagraha', Jawaharlal Nehru University, New Delhi, 15 November 2007.

Attended a National Seminar on 'Violence and Terrorism and the Methods to Counter them', Indian Council of Gandhian Studies, Anuvrat Bhavan, Delhi, 27 January 2008.

Dr. Pratibha: Presented a paper titled 'Kaut's Consciousness in a Vat' in the Seminar under SAP on 'Consciousness, Culture and Creativity: Indian and Western Perspectives', Department of Philosophy, Punjab University, Chandigarh, 4-5 December 2007.

Ms. Punam Behari, Dr. Sudeshna Bhattacharya and Dr. Bashabi Gupta: Participated in a Conference on 'Himalayan Rivers and Climate Change', India International Centre, New Delhi, 11 February 2008.

Dr. Surjeet Suneja: Presented a paper 'Second Order Symmetric Duality in Vector Optimization over Cones', co-authored with Vani Sharma, Annual Convention of Operational Research Society of India (Golden Jubilee celebration), Indian National Science Academy, 4-6 December 2007.

Presented two papers 'Optimality and Duality in Vector Optimization Involving Generalized Type-I Functions over Cones' and 'Optimality and Duality Results for Bi-level programming using Convexifactors', co-authored with Meetu Bhatia and Bhawna Kohli, Annual Convention of Operational Research Society of India (Golden Jubilee celebration), Indian National Science Academy, 4-6 December 2007.

Dr. Jayashree Pillai: Presented a paper titled 'Significance of Counselling in Domestic Violence', National Seminar on 'Domestic Violence', Vigyan Bhawan, New Delhi, 15 December 2007.

Dr. Pratibha Jolly: Delivered a talk in the Conference on 'Women Leaders Bone Health Initiative', Arthritis Foundation of India, 28 September 2007.

Participated in the Seminar for Principals of Colleges and made a presentation on consumer concerns titled 'Empowering Students for Life in the Market Place and Beyond', Indian Institute of Public Administration, 22 January 2008.

Dr. Adarsh Gulati, Ms. Sharda Mahilkar, Dr. Chetna Angrish and Dr. Mallika Johri Verma: Participated in a National Symposium on 'Science of Life: The New Horizon' in Miranda House, 21-23 November 2007.

Ms. Sharda Mahilkar, Dr. Chetna Angrish: Participated in a National Seminar on 'Green Chemistry and Natural Products' in the Department of Chemistry, 26-27 November 2007.

Dr. Janaki Subramanian: Participated in a Seminar on 'Environmental Issues of Delhi', World Environment Day, Department of Environment, Government of N.C.T. of Delhi, 5 June 2007.

Presented a poster 'Actinorhizal Plants for Soil Amelioration' on National Symposium, on 'Science of Life: The New Horizon', Miranda House, Delhi, 21-23 November 2007.

Dr. Saloni Bahri: Presented a poster 'Embryogenesis and organogenesis in a woody legume – Sesbania sesban var. biocolor', National Symposium on 'Science of Life: The New Horizon', Miranda House, Delhi, 21-23 November 2007.

Dr. Sushma Moitra: Convenors of the National Symposium on 'Science of Life: The New Horizon', Miranda House, Delhi, 21-23 November 2007.

Ms. Rashmi Shakya: Attended a National Symposium on 'New Frontiers in Cell Biology', Department of Biochemistry, Deshbandhu College, New Delhi, 29-30 November 2007.

Dr. Tanima K. Bose: Participated in the National Symposium on 'Science of Life: The New Horizon', Miranda House, Delhi, 21-23 November 2007.

Dr. Amita Rana and Ms. O.P. Padma: Attended a National Seminar on 'Recent Researches in Physical Education & Sport', Maharaja Agrasen College, 21-22 December 2007.

Ms. A.R. Sitalakshmi: Presented a paper titled 'Addressing Students' Alternate Conceptions: Towards Constructivist Practice in Science Education', National Seminar for Science Education, Central Institute of Education, Delhi University, 16 February 2008.

Presented a paper on the theme of effective practices in Science Education, National Seminar on Science Education, Central Institute of Education, Delhi University, 16 February 2008.

Ms. Anuradha Mathur: Participated in a Seminar, Indian Library Association, Pragati Madan, Delhi, 3 February 2008.

Publications

Books

Vij, M. *Fringe and Fusion: A Study in Urban Dynamics*. New Delhi: A.P. Books.

Mehrotra, A. *Ethico-Spiritual Dimensions of Sikh Philosophy*.

Kumari, R. Edited *Cell and Molecular Biology* by NISCAR, Government of India.

Research Articles in Books or Scholarly Journals

Verma, A. 'Mahadevi Verma in Vaak' republished in *Indraprastha Bharti*.

Dasodia, R. 2007. 'Kahani Sangrah Kahani ke Roop Bandh ki Talash' in *Apeksha*.

Bhatia, K. 2007. Book review of *Sach aur Samaj ka Darpan* in *Bayan*.

2007. Review of *Jansampark aur Vigyapan* in *Bayan*.

Sharma, J. Article on 'Dev Nagari Lipi tatha Hindi Vertni ka Manki Karan' in *Rashtra Bhasha Visheshank*.

Jha, R. 2007. 'Options for the Indian Pharmaceutical Industry in the new liberalised Regime'. *Economic and Political Weekly*.

Tyagi, N.B. 2008. 'The Woman of Substance' in *The Gandhi Way*, Gandhi Foundation, UK.

Dhamija, U. 2007. ' Birthday in Myanmar' in *Mainstream*.

2007. Article 'Did India let down Aung San Suu Kyi?' In *Mainstream*.

Singh, N. 2007. 'Trends in Private Sector emoluments vis-à-vis Pay Structure of higher Civil Servants in India'. *Management in Government*, Department of Administrative Reforms.

Suneja, S.K. 2007. 'Optimality Conditions and Duality in Multi-objective Non-linear Programming involving p-semi locally preinvex and related functions', (Co-authored with Gupta, S. and Vani). *Opsearch*, 44(1).

2008. 'Generalized Non-smooth Invexity over Cones in Vector Optimization', (Co-authored with Khurana, S. and Vani). *European Journal of Operational Research*, 186: 28-40.

- 'Second Order Duality in Vector Optimization over cones' (Co-authored with Sharma, S. and Vani). *Journal of Applied Mathematics and Informatics*, 26(1-2) : 251-61.
2007. 'Cone convex and related functions in optimization over topological vector spaces (co-authored with Bhatia, M.). *Asia Pacific Journal of Operational Research* 24(6) : 1-14.
- Dev, A. 2007.** 'Age Constraints on the Cosmic Equation of State. (Co-authored with Dantas, M.A., Alcaniz, J.S. and Jain. D.). *Astronomy and Astrophysics*, 467: 421.
2007. 'Cosmological bounds on oscillating dark energy mode', (co-authored with Jain, D. and Alcaniz, J.S.). *Physics Letters B*, 646: 15.
- Lumb, S. 2008.** 'Pressure profiles for bosons in traps' (Co-authored with Muthu, S.K. and Singh, K.K.). *Modern Physics Letters*, 22(3): 209-17.
- Sharda, M. 2008.** 'Kinetic Parameters of Copper (II) Complex of N-Hydroxy-N-(2-chloro-3-methyl) Phenyl-N'-(2,6-dimethyl) Phenyl Benzamide'. (Co-authored with H.Y. Mohan Ram) *Asian Journal of Chemistry*, 20(2) :1636-8.
- Sehgal, A. 2007.** 'Podostemaceal – An Evolutionary Enigma' in the Proceedings of National Seminar on 'Evolutionary Biology and Biotechnology', Zoological Survey of India, Kolkata, Co-authored with H.Y. Mohan Ram.
2007. 'Organ Identity of the thalloid plant body of Griffithella, hookeriana and Polypeasum stylosum - Podostemoideal (Podostemaceal)', *Plant systematics Evolution*, (Co-authored with Khurana, J.P., Sethi, M., Hussain, A. and Jain, M.). 267: 93-104.
- Shakya, R.** 'An illustration from ongoing Ph.D. work on the vocer page of Phytomorphology'. *International Journal of Plant Sciences*, 57(1-2).
- Thareja, V. 2007.** ' The invasion of a potential parasitoid *Pediobius foveolatus* on *Lithocolletis* sp.on *Pongamia* sp.trees' (Co-authored with Hayat, M.), Entomological Society of America, Conference, 55: 86.
- Sharma, S. 2007.** 'Pulmonary epithelial cells are a source of IFN-in response to *Mycobacterium tuberculosis* infection' (Co-authored with Sharma, M., Sharma, S., Roy, S., Varma, S. and Bose, M.). *Immunol. Cell Biol.* 85(3) : 229-37.
- Kalia, M.T.** An Article in *Primary Teacher*, published by NCERT.

MAITREYI COLLEGE

Major Activities

A series of career-oriented programmes were organised to make the students aware of various career options available after completing their Under-graduate courses. IBM has agreed to give direct placements to Maitreyi College students after attending the short-term course which is being conducted free of charge by IBM Daksh.

The College remembered the freedom fighters. To commemorate 150 years of India's first war of Independence (1857), the WDC of Maitreyi College organised a film show screening *Asli Azadi* directed by Sagari Chhabra, which was followed by a lively discussion.

Students Academic Distinctions

Name	Course	Position in the University
Mamta	M.A. Mathematics	I
Kiran Mishra	B.Sc. (G.) Group 'A'	I

Library Development

Total Budget	:	Rs. 5,74,635.00
Books added	:	1,166
Journals/Magazines subscribed	:	77
Newspapers acquired	:	16

New Additions

Mr. Yogesh Chaurasia	-	Political Science	Ms. Smriti Singh	-	English
Ms. Brototi Roy	-	Zoology	Dr. Renu Gupta	-	Zoology
Dr. Rama Sisodia	-	Botany	Dr. Atika Chandra	-	Botany
Dr. Shalini Lumb	-	Physics	Ms. Polly Biswas	-	Physics
Dr. Swapna Ray Jain	-	Physics			

Honours/Distinctions

Dr. Savita M. Datta: Received Distinguished Alumni Award for excellence in Academics by the Old Students' Association, Hindu College, Delhi University.

Dr. Shashi Tiwari: Honoured with the prestigious title of 'Vidyalankar' by the Purvanchal Sanskrit Prachar Parishad, Kolkata, 8 September 2007.

Honoured with the 'Sanskrit Samaradhaka Puraskar' award by the Delhi Sanskrit Academy.

Dr. Shakuntala Kalra: Received three awards 'Bal Sahitya Samman' by Bharat Asia Sahitya Academy, 'Rashtra Bhasha Award' and 'Shrimati Sita Devi Shrivastav National Puraskar' by Bal Chetna of Jaipur in February 2008.

Seminars/Conferences held

Dr. Savita M. Datta: Organised a Seminar on VLE by Ross Mackenzi from the Open University, UK, as prelude to the Supported Blended Learning Workshop, 12 May 2007.

Seminars/Conferences attended

Dr. Neelima Rani: Presented a Research paper titled 'Zone Center Phonons in Lanthanum Chromite', 12th International Conference on 'Phonon Scattering in Condensed Matter: PHONONS', Paris, France, 15-20 July 2007.

Dr. Mala Kapur Shankardass: Invited to be a panelist at the 3rd World Generation Conference, World Demographic Association, St. Gallen, Switzerland, September 2007.

Dr. Savita M. Datta: Participated in an International Conference on 'English for Progress: First Policy Dialogue', 19-20 November 2007 and in UKIERI Policy Dialogue Conference on 'Assuring the Quality of National and Transnational Higher Education Programmes: An International Perspective', British Council in Chennai, 6-7 March 2008.

Dr. Shashi Tiwari: Organised a International Conference on 'Vedic Value System: Contemporary Relevance', Bon Maharaj Institute of Management and Technology, Vrindavan, Mathura, 14-16 December 2007.

Dr. Rajkumari Trikha: Presented a paper in a National Seminar on 'National Consciousness in the Mahabharata', Bharati College, 1 December 2007.

Dr. Gargi Chakravarty: Presented a paper titled 'Partition through the eyes of Bengali refugee women', National Conference on 'Narratives Women and the Indian Nation', Daulat Ram College, Delhi University.

Dr. Rajkumari Trikha: Presented a research paper on 'Management Tips in Shrimad Bhagawadgita', National Seminar, Delhi Sanskrit Academy, 23-25 February 2008.

Publications

Chakravarty, G. 2007. *'P.C. Joshi - A Biography'* (on the distinguished freedom fighter), National Biography Series. New Delhi : National Book Trust.

Kalra, S. 2007. *Yatra, Aatm Nirwasan, Bachchon ka Vyaktitv Kaisa Ho.*

Research Articles in Books or Scholarly Journals

Shankardass, M.K. 2007. 'Maintenance Bill as Adult Legislation' in *R&D Journal of Helpage India*, Special Issue.

MATA SUNDRI COLLEGE FOR WOMEN

Major Activities

The Principal and teachers have been actively pursuing their creative talents by writing books or translating the literature of foreign languages. A National Seminar was organised in the College by the History Department which was inaugurated by Prof. S. Bhattacharya, Chairman, ICHR, and the keynote address was delivered by Prof. Irfan Habib. The placement cell of the College has been actively involved in securing placements for final year students.

New Course Introduced

Bachelor of Elementary Education (B.El.Ed.)

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Jaspreet Kaur	M.A. Punjabi	I
Amandeep Kaur	B.A. (Hons.) Punjabi	III

Library Development

Total Budget	: Rs. 6,53,375.00
Books added	: 1,911
Journals subscribed	: 62

New Additions

Dr. (Mrs.) Suprita Jha - English	Ms. Roselin Sekho - Political Science
Ms. Praveshika Singh - English	Ms. Yukti Gosain - Elementary Education
Ms. Divya Pradhan - English	Ms. Deepa Nair - English
Mrs. Upasana Kanshal - Economics	Mrs. Shivani - Economics
Mrs. Neetu Sharma - Political Science	

Appointment of faculty member to higher Posts/Assignments

Dr. Manmohan Kaur: Appointed Principal, Guru Nanak Dev College, Dev Nagar, New Delhi.

Dr. Kanwarjit Kaur: Appointed Dy. Director, Non-Collegiate Women Educational Board, Delhi University.

Honour/Distinction

Indu Mazaldan: Invited by the Hungarian Translators House Foundation to work on the translation of the famous Hungarian writer Sandor Marhi's novel.

Seminar/Conference held

The History Association organised a 'National Seminar on '1857: Delhi and its neighborhood', in collaboration with ICHR, 12 February 2008.

Seminars/Conferences attended

Ms. Garima Kumar: Awarded a Certificate of Merit for presenting a paper titled 'Interplay of Management Control and Employee Agency in a Call Centre' at the Prof. Sourya Pattnaik Best Paper Award Session of the 17th Annual National Conference on 'Psychology, Technology & Society', IIT Kanpur, under the aegis of the National Academy of Psychology (NAoP), 17-19 December 2007.

Participated in a National Seminar on 'Envisioning Psychology', Department of Psychology, Delhi University, 21-22 November 2007.

Participated in a National Conference on 'Perspectives on Identity and Well Being: An Interdisciplinary Dialogue', Zakir Hussain College, Delhi University, 7-8 March 2007.

Publications

Kaur, S. 2007. The paper was published in *Journal Studies in Sikhism and Comparative Religion*, Guru Nanak Foundation.

Sahai, M. Contributed two chapters, 'Reaction and Reform' and 'Revolutions of 1830 and 1848' in the book on European History for III year History (Hons.) Course to be published in Hindi by the Directorate of Publications, Delhi University.

Narayan, A. Contributed a chapter for a textbook on Paper IX European History for B.A. (Hons.) History Course, Delhi University, to be published by the Directorate of Hindi Implementation.

MOTILAL NEHRU COLLEGE

Major Activities

Keeping students in mind, a shade has been erected near the Accounts Block, Commerce Computer Lab and Biology Lab; the audio-visual room in the Library has been further equipped with a computer and Internet facility and construction of a shade in the canteen is in progress.

New Course Introduced

One-month teaching programme of Hindi and English for Korean students of PUSAN University of Foreign Studies under M.O.U.

Library Development

Total Budget	:	Rs. 6,75,000.00
Books added	:	1,506
Journals subscribed	:	102

New Additions

Ms. Kalpana Malik	-	History
Dr. Anand Kumar	-	History
Ms. Padma Negi	-	History
Sh. Mukesh Kumar	-	Economics

Appointment of faculty member to higher Post/Assignment

Dr. Jogeshwar Sharma: Selected Associate Professor in the University of Libya.

Honours/Distinctions

Dr. Ramesh Sharma (Divik Ramesh), Principal : A certificate of Achievement as an 'Ambassador for Peace' was conferred on him by the Universal Peace Federation, Seoul, Korea, 19 April 2007.

Conferred with the Prestigious Title 'Creative Giant 2007' by the Home of Letters (India), Bhubaneswar, Orissa, for having scaled lofty heights of excellence by enhancing the quality of creativity through sincerity and integrity and for contributing to the world of art, culture and letters in 2007.

Conferred with the title 'Fellow of the Home of Letters (India) by the Home of Letters (India), Bhubaneswar, Orissa, in 2007.

Seminar/Conference held

A National Seminar on 'Indian Language and Contemporary World' was organised by Motilal Nehru College, New Delhi, 19 March 2008.

Seminars/Conferences attended

Dr. Ramesh Sharma (Divik Ramesh), Principal: Delivered a lecture on 'Hindi, Indian Culture and World', Yogin Campus, Hankuk University of Foreign Studies, Seoul, Korea, 19 April 2007.

Participated in the Asia-Pacific Summit on Peace organised by Universal Peace Federation with a focus on peace building and human development, 'New Foundation for a Regional Alliance', Seoul, Korea, 15-19 April 2007.

Participated in a National Conference and Chaired a Technical Session on 'Science and Fiction', Dehradun, Ministry of Science and Technology, Govt. of India, 21 February 2008.

Participated in the International Conference at EDGE, India Habitat Centre, New Delhi, 3-5 March 2008.

Ms. Deepti Rana: Participated in the National Seminar on 'Himalaya Region: Challenges and Action Plan', organised by Himalaya Pariwar, 26 December 2007.

Dr. Kanta Khurana, Ms. Malti Chawla and Ms. Shipra Gupta: Attended a National Seminar on Analysis, Department of Mathematics, Delhi University, 27-28 September 2007.

Ms. Monika Gulati and Monika Mittal: Attended a UGC-sponsored National Seminar on '21st Century Renaissance: Transformation in Technology and Life', Delhi College of Arts and Commerce, Netaji Nagar, New Delhi, 2-4 April 2007.

Mr. Munish Tamang: Presented a paper on 'Public Culture and State Policy' at an International Seminar 'Performing the Postcolonial: Imagine/Re-Imaging India through Theatre, Music and Arts', organised by ACLALS, Udaipur, 28-30 January 2008.

Presented a paper in a National Seminar on 'India Sanskrit Poetics', Gurukul Kangri University, Haridwar, 16-18 February 2008.

Organised a National Seminar on 'Re-examining Indian Gorkha Identity', Constitution Club, New Delhi, 21--23 December 2007.

Chief Discussant at a National Seminar on 'Contemporary Nepali Novels and Short Stories', organised by Sahitya Akademi at Rabindra Bhawan, New Delhi, 18 November 2007.

Organised a National Seminar on 'Re-visiting the role of Gorkhas in India's Freedom Struggle' at USI, New Delhi, 25 August 2007.

Ms. Ritu Kathuria, Ms. Shipra Gupta and Ms. Malti Chawla: Participated in an International Conference on 'Operator Theory and related areas', Department of Mathematics, Delhi University, 9-12 January 2008.

Dr. Vidya Pradhan: Attended the National Seminar on 'Chemistry Environment and you: Challenges for future', Gargi College, 26 September 2007.

Publications

Sharma, R. 2008. *Ek sau Bal Kavitaen*. New Delhi : Matrix Publishers 'B' se Birbal NBT.

2007. 'New Trends of Modern Literature of East Asian Countries with special reference to Modern Korean Poetry'. *Korean-Indian Culture, Seoul, Korea, Vol. 16*.

2007. 'Samkaleen Sahitya Paridrisya: Hindi Kavita'. *Gaganachal*, April-June 2007.

2007. 'Korea me Hindi ki Shambhavnaye aur Wahan ki Nayi Pidhi'. *Gaganachal* (Hindi Utsav Granth).

2007. 'Hindi, Dakshin Korea aur Yuva Pidhi' in *Chetna ka Atmsangharsh, Hindi Ki Ekisvi Sadi* (Hindi Utsav Granth). New Delhi: Indian Council for Cultural Relation.

Mishra, C.P. Wrote a folk tale 'The Story of Avili'. He wrote chapters titled 'Jansanchar Ki Avdharna aur Prakriya' and 'Jansanchar Ke Prakar' for M.A. (Hindi).

Bhardwaj, R.C. 2008. *Katantradhatuvttissarah* (in Sanskrit).

Mishra, V. 2008. 'Need to Redefine Party in Democracy' in *Mainstream*.

Singh, V. *Longman Panaorama and Our Story So Far* (history books for school children). New Delhi : Pearson Longman.

Sinha, P. Publication Division published a research paper on the National Human Right Commission.

MOTILAL NEHRU COLLEGE (EVENING)

Seminar/Conference held

National Conference on 'State, Democracy and Development in India' was organised by the Department of Political Science, 17-18 March 2008.

Seminars/Conferences attended

Dr. Anirudh Deshpande: Presented papers in National and International Seminars organised by Daulat Ram College, Delhi University, 20-22 November 2007 and by the Centre for Historical Studies (JNU) and the Jawaharlal Nehru Institute of Advanced Studies, Jawaharlal Nehru University, New Delhi, 6-7 March 2008.

Dr. Ranjeeta Phukan: Participated in the 2nd International Conference on 'SMEs in Transitional Economics: Challenges and Opportunities', 27-28 March 2008.

Publications

Deshpande, A. 2007. Published one research paper and one review as a special article in the *Economic and Political Weekly*.

Bhalla, P. 2007. Research paper published in *Economic and Political Weekly*.

Kumar, R. Published an Article in International Journal named *Language Forum: A Journal of Language and Literature*.

NEHRU HOMEOPATHIC MEDICAL COLLEGE & HOSPITAL

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Anupriya	BHMS	I
Richa Grover	BHMS	II
Mansi Bhambri	BHMS	III

Library Development

Total Budget	:	Rs. 1,00,000.00
Books added	:	116
Journals subscribed	:	5

New Addition

Dr. Anil Kumari Malhotra - Principal

Honours/Distinctions

Dr. Anil Kumari Malhotra, Principal: Received the Lifetime Achievement Award from the Board of Homeopathy System of Medicine.

Seminars/Conferences attended

Dr. Anil Kumari Malhotra and Dr. Anu Kapoor: Attended a National Workshop on 'Homeopathy for Healthy Mother and Happy Child', organised by AYUSH.

Dr. Parul G. Wadhvani: Attended a National Seminar on Kents Memorial Lecture organised by South Delhi Homeopathic Association Symposium on Aids organised by CCRH.

Dr. Bipin Jethani: As Rapporteur to conduct the Scientific sessions of the National Workshop on 'Homeopathy for Healthy Mother and Happy Child'.

Dr. Sapna Gupta: Attended a National Symposium on Lung Pathology, organised by Vallabhbai Patel Chest Institute, Kent Memorial Lectures.

Publications

Kapoor, A. 2008. 'Common Diseases and their Homeopathic Management' *Homeo Revival*, a popular Homeopathic magazine.

Wadhvani, P.G. 'Prescribing During Pregnancy-Precious for Mother, Priceless for child', *Homeo Revival*.

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

Major Activities

NSIT Motorsports group of students outperformed all other Indian teams at the Mini Baja South Africa'07' in the static events by earning the best mechanical design for an All-Terrain Vehicle.

In a national survey conducted and published by *Dataquest- IDC - NASSCOM* for the year 2007-08, NSIT was ranked 10th among the Engineering Institutes of the country, including the IITs.

NSIT was ranked 2nd best in terms of campus placement in Engineering Colleges in India by *Dataquest* in 2008.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Mr. Abishek Agarwal	B.E. (ECE)	I
Mr. Garish Goyal	B.E. (ECE)	II
Mr. Uday Gupta	B.E. (ECE)	III
Mr. Vikas Gupta	B.E. (COE)	I
Mr. Anshul Gupta	B.E. (COE)	II
Mr. Abinav Gupta	B.E. (COE)	III
Ms. Sulochana Dhar	B.E. (ICE)	I
Ms. Sakshi Gudwani	B.E. (ICE)	II
Mr. Rishubh Khurana	B.E. (ICE)	III
Ms. Divya Jyoti	B.E. (MPA)	I
Mr. Alok Sharma	B.E. (MPA)	II
Mr. Natrajan Sankar	B.E. (MPA)	III
Ms. Gauri Gupta	B.E. (IT)	I
Ms. Shikha Gupta	B.E. (IT)	II
Mr. R. Sankara Narayanan	B.E. (IT)	III

New Additions

Sh. Vijender Singh	Sh. Arun Kr. Sinha
Ms. Amita Prasad	Sh. Rajiv Kumar
Ms. Vijeta Mehra	Ms. Poonam Rani
Ms. Savita Yadav	Ms. Amarjit Malhotra
Sh. Shailender Kumar	Sh. Tarun Kumar
Rawat Sh. Pankaj Deshwal	

Seminars/Conferences attended

S.K. Jha and M.D. Uzunyan: 'Quality engineering approach in optimizing diamond grinding process for hard metal cutting tools using response surface methodology', 16th International Conference on 'High Technology in Mechanical Engineering', Cremica, Ukraine, 23-29 September 2007.

Rishikesh Pandey and Maneesha Gupta: 'A New Low voltage-controlled resistor', Proc. International Conference on Intelligent and Advance Systems, Kuala Lumpur, Malaysia, 25-28 November 2007.

Parul Garg: Attended IEEE International Conference on Communication in Glassgow, England, UK, June 2007.

S.K. Dhurandher: 'Algorithms for Power-efficient Data Acquisition in Under Sensor Networks', in Proceedings of 7th WSEAS International Conference on Applied Computer Science, Venice, Italy, 21-23 November 2007.

Rajesh Purohit: 'Advances in Nanomaterials and Nanotechnology', Proceedings of International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, IIT Kanpur, 12-14 December 2007.

Rajesh Purohit and Pramod Sahu: 'Advances in Rapid Prototyping Technologies', Proceedings of International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, IIT Kanpur, 12-14 December 2007.

Pramod Sahu, Rajesh Purohit and Rakesh Sagar: 'Performance evaluation of glass fiber reinforced silicon carbide abrasive parting-off wheels', International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, IIT Kanpur, 12-14 December 2007.

Rajesh Purohit, Neeraj Shandilya, Pranav Aggarwal, Vaibhav Mathur, Siddharth Girdhar and Prateek Gautam: 'Electric Discharge Machining of Al-alloy-SiC_p composites with different percentage of Silicon Carbide', International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, IIT Kanpur, 12-14 December 2007.

'Development of Stirrer Mechanism for Casting of MMCs and Microstructural Analysis of Cast Al-SiC_p Composites', International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, IIT Kanpur, 12-14 December 2007.

Rajesh Purohit, A. Bharathi, A. Chandrashekar, M. Saxena, O. Gahlawat and P. Sharma: 'Future trends in Magnesium matrix composites', International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, IIT Kanpur, 12-14 December 2007.

Rajesh Purohit, C.S. Verma and Hemath Kumar: 'Recent Advances in Micro Fabrication Process', Proceedings of International and INCCOM-6 Conference on Future Trends in Composite Materials and Processing, IIT Kanpur, 12-14 December 2007.

Hemath Kumar G., R. Sagar, Rajesh Purohit and V. Guruprasad: 'Characterizing Friction and Wear Behaviour of Al-SiC_p Composites for Automotive Parts', Proceedings of 15th ISME International Conference on New Horizons of Mechanical Engineering, Rajiv Gandhi Technological University, Bhopal, 18-20 March 2008.

'Design and Fabrication of Ball-on-Flat Wear Testing Machine', Proceedings of the 15th ISME International Conference on New Horizons of Mechanical Engineering at Rajiv Gandhi Technological University, Bhopal, 18-20 March 2008.

Pragya Varshney, Maneesha Gupta and G.S. Visweswaran: 'Higher Degree half order differentiators and integrators', Proc. 2nd International Conference on Embedded Systems, Mobile Communication and Computing, Bangalore, 3-5 August 2007.

Vijay Gupta: 'On the rate of approximation for some integral operators', National Conference on Scientific Applications, Bhavan's Mehta P.G. College, Bharwari, Kaushambi, UP, 23-24 December 2007.

Neeraj Shandilya and S.K. Jha: 'Microscopic Study of Wheel Wear in Electrical Discharge Diamond Grinding of Carbides', Proceedings of National Conference on Advances in Product design, Materials and Manufacturing Engineering, Chennai, 24-25 January 2008.

Malti Bansal, C. Lal and L.S. Tanwar: 'Carbon Nanotubes in the field of Luminescence', 3rd International Conference on Luminescence and its Applications, Delhi University, 13-16 February 2008.

Publications

Singh, D.K. *Strength of Materials*. New Delhi and USA : Ane Books India and Taylor and Francis.

Fundamentals of Manufacturing Engineering. New Delhi and USA : Ane Books India and Taylor and Francis.

Parthasarathy, H. 2007. Topics in *Mathematical Physics*. New Delhi : Ane Books, 2.H.

Research Articles

Singh, D.K. 2007. 'JIT & TQM: Synergistic approach can lead to world class manufacturing'. *Prestige Journal of Management and Research*, 11(1) : 82-92.

- Jena, J.** 2007. 'Lie-Group theoretic method for analyzing interaction of discontinuous waves in a relaxing gas', *Z. Angew. Math. Phys. (ZAMP)*, Springer, 58: 416-30.
2007. 'On Interaction of Discontinuous Waves in a Gas With Dust Particles'. *Australian Journal of Mathematical Analysis and Applications*, 4(2), Article 5, 1-7.
2008. 'Interaction of Weak Discontinuous wave with a Characteristic Shock in a dusty gas'. *Theor. Comput. Fluid Dyn. (TCFD)* Springer, 22: 145-50.
- Thakur, S.** 2007. 'MATLAB in the Determination of Combustion Enthlpy'. *J. Ind. Council Cherm.*, 24(1).
- Thakur, S.** 2008. 'Calorimetric Studies of the Acetates of Calcium (II), Strontium (II) and Barium (II)'. *Asian. J. Chem.*, 20 (2) : 1645-47.
- Gupta, V.** 2007. 'Simultaneous approximation for Bezier variant of Szasz-Mirakyan-Durrmeyer operators'. *Journal of Mathematical Analysis and Applications*, 328(1): 101-5. (Elsevier).
2007. 'On bounded variation functions by a general MKZD operators'. *Acta. Mathematica Sinica, Eng. Ser.*, 23(8): 1457-62. (Springer).
2007. Erratum to 'Simultaneous approximation for Bezier variant of Szasz-Mirakyan-Durrmeyer operators [J. Math. Anal. Appl., 328 : 101-105]', *J. Math. Anal. Appl.*, 335 (2): 1485. (Elsevier)
2008. 'Some approximation properties on q-Durrmeyer operators'. *Applied Math. Computation*, 197 (1): 172-8. (Elsevier).
- Gadre, D.V.** 2007. 'Buck Regulator Controls White LED with optical Feedback'. *EDN Design Ideas*.
- Dhurandher, S.K.** 2008. 'Security in Mobile Ad-Hoc Networks Using Soft Encryption and Trust Based Multi-Path Routing'. *Journal of Computer Communications* (special issue on Algorithmic and Theoretical Aspects of Wireless Ad Hoc and Sensor Networks), Elsevier, 31(4) : 760-9.
2008. 'Highly Stable and Adaptive Clustering with Efficient Routing in Wireless Ad Hoc Networks'. *International Journal of Ad Hoc and Ubiquitous Computing, Inderscience*, 3 (2) : 68-81.
- Chand, S.** 2007. 'Modelling of Buffer Storage in Video Transmission'. *IEEE Transactions on Broadcasting*, 53(4) : 774-9.
- Dhurandher, S.K.** 2008. 'Swarm Intelligence Approach to Mobile Ad-Hoc Networks', in *Encyclopedia of Artificial Intelligence*.
2008. 'Evolutionary Computing Approach to Mobile Ad-Hoc Networks', in *Encyclopedia of Artificial Intelligence*.

- Singh, D.K. and Sharma, S. 2007.** 'JIT Implementation in Strategic Business Environment through Information Technology'. *Industrial Engg. Journal*, 36 (7) : 17-20.
- Jena, J. and Sharma, V.D. 2008.** 'Interaction of a characteristic shock with a weak discontinuity in a relaxing gas'. *Journal of Engineering Mathematics* (Springer), 60: 43-53.
- Karsli, H. and Gupta, V. 2008.** 'On Convergence of q-Chlodowsky operators'. *Applied Mathematics and Computation*, 195(1): 220-9 (Elsevier).
- Gupta, V. and Sinha, J. 2008.** 'Direct results on certain Szasz-Mirkyan operators'. *Applied Mathematics and Computation*, 195(1): 230-9. (Elsevier).
- Ispir, N. and Gupta, V. 2008.** 'A Statistical approximation by generalized Kantorovich Bernstein type rational operators'. *South East Asian Bull. of Math.*, 32(1): 87--98.
- Gupta, V. and Mohapatra, R.N. 2007.** 'Rate of convergence for modified Szasz operators'. *Journal of Concrete and Applicable Mathematics*, 5(3): 197-202.
- Gupta, V. and Zeng, X.M. 2007.** 'On the Bezier variant of Balazs Kantorovitch operators'. *Math. Slovaca*, 57(4): 349-58. (Springer).
- Walczak, Z. and Gupta, V. 2007.** 'Uniform convergence with certain linear operators'. *Indian J. Pure and Applied Math.*, 38: 259-69. (INSA, India).
- Gupta, V. and Karsi, H. 2007.** 'Rate of convergence for Bezier variant of MKZD operators'. *Georgian Math. J.*, 14 (4): 651-59. (Halderman-Verlag).
- Gupta, V. and Sinha, J. 2007.** 'Simultaneous approximation for generalized Baskakov-Durrmeyer type operators'. *Mediterranean Journal of Mathematics*, 4(4): 483-95, (Springer).
- Uzunyan, M.D. and Jha, S.K. 2007.** 'Asobennoschi Microezanya Tvyordikh Splabov Almaznimi Zyornami'. *Modern Manufacturing Technology*, 464C : 451-9.
- 2007.** 'Rabotosposobnoschi Almaznikh Zyoren'. *Surchasni Tekhnologii u Mashinostroyeniye*, ISBN 978-966-593-535-3 : 172-81 (in Russian).
- Gupta, M. and Suri, R. 2007.** 'Switched current memory cell using floating gate MOSFET'. *Journal of Active and Passive Electronic Devices*, 2 (4) : 261-9.
- Sharma, S.N. and Parthasarathy, H. 2008.** 'A two-body continuous- discrete filter'. *Non-linear Dynamics*, 51(1-2) : 155-70, Springer: The Netherlands.
- Gadre, D.V. and Chugh, A. 2007.** 'A Two Digit Counter Fits in an 8-Pin Microcontroller'. *Ideas for Design, Electronic Design*, (Adjudged the Best ideas for Design for the year 2007).
- Gadre, D.V. and Aggarwal, A. 2008.** 'Inexpensive MCU Replaces Backup-Power Controller', *Ideas for Design, Electronic Design*.

- Kumar, A. and Chakraverty, S. 2008.** 'A fuzzy driven high availability cosynthesis scheme'. *eMinds Journal of Human Computer Interface*, ISSN: 1697-9613, 1(8).
- Chakraverty, S. and Kumar, A. 2007.** 'A rule based Availability-driven Cosynthesis Scheme'. *Journal of Design automation for Embedded systems*, 11(2-3) : 193-222.
- Gupta, M.K., Gupta, V. and Kumar, M. 2007.** 'Direct and inverse estimates for a new family of linear positive operators in simultaneous approximation'. *J. Math. Anal. Appl.*, 320(2): 799-816. (Elsevier).
- Srivastava, H.M., Finta, Z. and Gupta, V. 2007.** 'Direct results for certain family of summation integral type operators'. *Applied Mathematics and Computation*, 190: 449-57. (Elsevier).
- Agrawal, P.N., Gupta, V. and Gairola, A.R. 2007.** 'On the derivatives of iterative combinations of Phillips operators'. *Non-linear Funct. Anal. Appl.*, 12(2): 195-203.
- Dhar, S., Purohit, R., Saini, N., Sharma, A. and Kumar, G.H. 2007.** 'Mathematical Modeling of electric discharge machining of cast Al-4Cu-6Si alloy -10wt.% SiC_p composites'. *Journal of Materials Processing Technology*, 194(1-3) : 24-9, Elsevier Publications.
- Gupta, M., Vaarshney, P. and Visweswara, G.S. 2007.** 'New Switched Capacitor Fractional Order Integrator'. *Journal of Active and Passive Electronic Devices*, 2(3) : 187-97, Pennsylvania, USA.
- Varshney, P., Gupta, M. and Visweswaran, G.S. 2008.** 'Implementation of switched capacitor fractional order differentiator (PD) circuit'. *International Journal of Electronics*, 95(6) : 531-47.
- Gadre, D.V., Chugh, A., Shah, P. and Lele, S. 2007.** 'Network of Keypads'. *Circuit Cellar*.
- Gadre, D.V., 2007.** 'Kinetic Remote Control'. *Make*, Issue 12.
- Gadre, D.V., Lal, V., Dhar, S. and Kumar, A. 2008.** 'ePaper', Proc. SPIE, Vol. 6910, 69100W.
- Singh, V., Rani, A., Gupta, I. and Gupta, H.O. 2007.** 'Sensitivity Analysis of Distillation Column', Published in 23rd National Convention of Chemical Engineers on Recent Trends in Chemical Engineering, organised by Institution of Engineers and Chemical Engineering, IIT Roorkee, Uttarakhand.
- Singh, M., Srivastava, S., Hanmandlu, M. and Gupta, J.R.P. 2007.** 'Extraction of System Dynamics for Non-linear System using Type-2 Fuzzy sets based Neuro -Fuzzy Model'. *WSEAS Transaction on Computers*, 6(6) : 865-70.
2007. 'Identification and Control of Non-linear Systems using Type-2, Fuzszy set based Neuro-Fuzzy Model'. *WSEAS Transaction on Computers*, 6(6) : 935-40.
2007. 'A New Algorithm based on Type-2 Fuzzy Controller for Diabetes Mellitus Patient'. *International Journal of Biomedical Engineering and Technology*, 1(1) : 18-40.

Singh, B., Adya, A., Mittal, A.P. and Gupta, J.R.P. 2007. 'Design, Analysis and Control of compensators for distribution power systems'. *International Journal of Energy Technology and Policy*, 5(6) : 730-52.

Singh, B., Jain, P., Mittal, A.P. and Gupta, J.R.P. 2008. 'Torque Ripples Minimization of DTC IPMSM Drive for the EV Propulsion System using a Neural Network'. *Journal of Power Electronics*, 8(1) : 23-34.

Singh, V., Rani, A., Gupta, I. and Gupta, H.O. 2007. 'Inferential Control of Distillation Process using Online Estimator', Published in 2nd International Conference on Advances in Petrochemicals and Polymers, Bangkok, Thailand.

Dhurandher, S.K. 2007. 'Message Security in Mobile Ad Hoc Networks: Using Trust-Based Multi-path Approach', in Proceedings of IEEE International Conference on Computer Engineering and Systems, Egypt, pp. 24-6.

Gupta, J.R.P., Hote, Y.V. and Choudhury, D.R. 2007. 'Modulus of Highest eigenvalue of a Polynomial,' accepted in International Conference on Modeling and Simulation, Kolkata, pp. 251-4.

Singh, V., Rani, A., Gupta, I. and Gupta, H.O. 2007. 'Sensitivity Analysis of Distillation Column', Published in 23rd National Convention of Chemical Engineers on Recent Trends in Chemical Engineering, organised by Institution of Engineers and Chemical Engineering, IIT Roorkee, Uttarakhand.

Gaur, P., Mohan, D., Mittal, A.P. and Singh, B. 2008. 'Flux observer based Sensorless Permanent Magnet Motor Drive', published in the proceedings of IEEE National Conference on Applications of Intelligent Systems, Hindu College of Engineering, Sonapat.

P.G.D.A.V. COLLEGE

Library Development

Total Budget	:	Rs. 8,47,500.00
Books added	:	2,975
Journals subscribed	:	110

Seminars/Conferences attended

Dr. Vimlesh Kanti Verma: Participated in the Regional International Hindi Conference at Moscow and International Hindi Conference at New York.

Dr. (Ms.) Nandini Sinha Kapoor: Lectured on 'State Formation', University of East Angila, Britain.

Dr. P.K. Jain: Attended Seminar on 'Administration of Colleges', AIPA, Pune, and presented two papers on 'Innovative Techniques adopted in day-to-day administration of an educational institution'.

Dr. Vandana Aggarwal: Participated in the Conference organised by Shakespeare Society of India and presented a paper on 'Fathers and Daughters: A Shakespearean Perspective'.

Dr. (Ms.) Nandni Sinha: Presented paper at the Asiatic Society, Kolkata, on 'Inscriptions and Agrarian Historian'.

Publications

Books

Verma, V.K. Studies in Hindi-A Comprehensive Bibliography
Bhasha Sahitya and Sanskriti
Learners Hindi-English Dictionary

Awasthy, S.S. Political Theory & Thoughts
'Federalism and President's Rule in India

Papers

Pahuja, S. 'Corporate Environmental Reporting expectation : Gap Evidence from India' and 'Environment Reporting Verification: A Critical Evolution of Accountants views and corporate practices in India'.

P.G.D.A.V. COLLEGE (EVENING)

Major Activities

2007-08 was the Golden Jubilee Year, and the College organised special academic programmes, including Lectures, Seminars and Conferences to celebrate the year. The Students' Union of the College was active throughout the year. They organised the festival 'FALAK 2007-08' with the Cultural Society of the College.

Total budget:

Library Development

Total Budget	:	Rs. 445811.00
Books added	:	1,514
Journals subscribed	:	50

Seminars/Conferences attended

Dr. R.M. Bhardwaj: Attended a National Seminar for Principals on 'Emerging Directions in Global Education', New Delhi.

Sh. K.K. Madhok, Sh. S.C. Saxena and Dr. (Mrs.) Garima Gupta: Attended the 20th Annual Convention, 'Wealth Management - The Emerging Scenario', Delhi University.

Sh. Ramesh Kumar: Attended a Seminar on 'Investing in Indian Financial Markets - Opportunities and Strategies', Shimla.

Dr. (Mrs.) Isha Verma: Attended a Seminar on 'Dynamic Economics of India and China', organised by Salzburg Global Seminar and the European Commission, Austria.

Dr. Jagmohan Rai: Attended an International Conference on Operated Theory and Related Areas, Delhi University.

PT. DEENDAYAL UPADHYAYA INSTITUTE FOR THE PHYSICALLY HANDICAPPED

Major Activities

The Institute arranged the visit of a team of 35 Senior Occupational Therapists (clinicians, academicians and researcher) from the United States of America (USA) led by Prof. Karen Jacobs, Boston University, in November 2008. The purpose of the visit was to have an interactive session for the student and professional staff and develop long-term understanding.

Library Development

Total Budget	:	Rs. 3,00,000.00
Books added	:	335
Journals subscribed	:	10

Honours/Distinctions

Mr. Akhilesh Shukla, Lecturer in Occupational Therapy: Received 1st prize in Hindi competition by Smt. Meera Kumar, Hon'ble Minister of Social Justice & Empowerment, Govt. of India.

Ms. Meenakshi Batra, Sr. Occupational Therapist was awarded with best adaptive device at the National Annual Conference of All India Occupational Therapists Association, Nagpur, 2008. She was also awarded for the Best scientific paper at the National Annual Conference of OT & PT (POTCON), Kanpur, December 2007.

Publications

Batra, M. 2008. 'Taping protocol in Bells Palsy'. *Indian Journal of Occupational Therapy*.

Samnani, M. 2007. 'Performance of the test of body scheme by fourth graders'. *Indian Journal of Occupational Therapy*.

RAJDHANI COLLEGE

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Ms. Nidhi	B.A. Programme	I
Mr. Shakti Sekhar	B.A. (Hons.) History	I

Library Development

Total Budget	:	Rs. 11,40,000.00
Books added	:	2,994
Journals subscribed	:	62

Honours/Distinctions

Dr. S.K. Dhaka, Reader in the Deptt. of Physics & Electronics: Awarded the Best Research paper at the 1st International Workshop on 'The Frontiers of Atmospheric Physics & Technology'.

Seminars/Conferences attended

Dr. Vijay Laxmi Pandit: Attended the 4th International Conference on Federalism in New Delhi, 5-7 November 2007.

Attended an International Conference on Emerging Directions in Global Education.

Attended a Seminar on 'Re-orientation of Reservation Policy', held in the Indian Institute of Public Administration, 13-14 July 2007.

Attended a Seminar on 'Jawahar Lal Nehru and Konrad Adenauer : Laying the Foundation of the Indo-German Understanding', organised by Konrad Adenauer Stiftung, 15 January 2008.

Attended the Principal's Conference on 'Role of Colleges in Consumer Protection and Consumer Welfare', organised by the Indian Institute of Public Administration, New Delhi, 22 January 2008.

Sh. Umesh Kumar: Attended on International Conference on Operator Theory and Related Areas, organised by the Department of Mathematics, Delhi University.

Attended the 73rd Annual Conference of the Indian Mathematical Society organised by the Department of Mathematics, University of Pune.

Ms. Rachna Suri: Participated in the National Seminar on 'Diaspora and Cultural Diversity: India and Canada', held at Ram Lal Anand College.

Presented a paper on 'Politics of Power and the Discourse of Resistance'.

Publications

Lalitha, C.S. and Arora, R. 2007. 'Conjugate Maps, Subgradients and Conjugate Duality in Set-Valued Optimization'. *Numerical Functional Analysis and Optimization*, 28(7-8): 897-909 .

Lalitha, C.S. and Mehta, M. 2007. 'Characterization of the Solution Sets of Pseudolinear Programs and Pseudoaffine Variational Inequality Problems'. *Journal of Non-linear and Convex Analysis*, 8(1): 87-98.

2007. 'A Note on Pseudolinearity in Terms of Bifnctions'. *Asia-Pacific Journal of Operational Research*, 24(1): 83-91.

Sharma, R.D. and Kumar, U. *Basic Applied Mathematics for Physical Sciences*.

Sinha, J.N. *Science, War and Imperialism*.

Kumar, V. Titled *Annadata*, a collection of short stories. New Delhi : Swaraj Prakashan.

Giri, R. Written a book on Mathematical Physics.

Jha, D.B. 2008. Book review of *The Individual and Society: Essays, Stories and Poems*, *FORTELL* News letter issue No. 13.

Roy, H. 2008. 'Utering reality'. He has also published a poem titled 'Red-The politics of life', in the Creative Writing in English Section of *FORTELL* News letter, issue No. 13.

RAM LAL ANAND COLLEGE

Major Activities

The Hindi Patrakarita Department organised a daylong Workshop for students of the Department. Noted radio personality Shri Rajiv Shukla and renowned Hindi journalist, Shri Rajkishor shared their expertise and knowledge with the students.

Library Development

Total Budget	:	Rs. 3,31,250.00
Books added	:	1117
Journals subscribed to	:	60 Journals/ Magazine

Seminars/Conferences attended

Dr. D.K. Pabby: Participated in the International Workshop on French Canadian Studies organised by the Centre for French and Francophone Studies, School of Language, Literature and Culture Studies, Jawaharlal Nehru University, New Delhi, 14-16 February 2008.

Participated in the International Conference on Emerging Directions in Global Education, India Habitat Centre, New Delhi, 3-5 March 2008

Dr. Neerja M. Chand: Participated in the International Seminar on 'Diasporic Writing, Dynamics of Be/Longing' organised by the Faculty of English, School of Humanities, IGNOU, 21-22 February 2008.

Publications

Chand, N.M. 2008. 'Gainder Beharry to Mona Singh: An Indo-Caribbean Experience in Canada' in '*Calcutta Coolies in Cotton Candy Country: Essays on the Canadian Diaspora*'. edited by Harish Narang. Books Plus.

Saibaba, G.N. 2008. 'Representing Nayagarh', *The Indian Express*.

2008. 'Colonial Nationalism in the Critical Practice of Indian Writing in English: A Critique', *Economic and Political Weekly*.

Bharadvaja, M. 2007. 'Religion and Politics', *Sar Economics*, 16(192).

2007. 'Polity and Politics: Random Thoughts', *Sar Economics*, 16(196).

Dabas, S.C. 2007. Published a collection of short stories 'Jiwan Ka Rishta'. Jyoti Enterprises.

Kumar., R. Published two book reviews in *Kadambini*.

Published a critique of the poet Paritosh Chakraverty's collection of poems for *Kathan*.

Gaur, A. 'Prabhu Bhi Anandith Hotein Hain Mobile Ke Bhog Se', *Navbharat Times*.

Gupta, K.R. A 'General Concepts of Immune System', e-book on *Immunology and Medical Microbiology*.

'Antigens and Haptens', e-book on *Immunology and Medical Microbiology*, NSDL.

Mazumdar, M.D. 'Optimal Fractional Plans using Projective Geometry'. *JISAS*, 61 : 14-7.

'Optimal Fractional Factorial Plans using Finite Projective Geometry'. *Comm. in Statistical Theory and Methodology*, 37 : 1258-65.

Mittal., N. 'Maximum Estimation Capacity for Three Level Combined Arrays'. *JISAS*, 59(3) : 217-27.

'Efficient Response Surface Designs with Quantitative and Qualitative Factors'. *JISAS*, 60(2): 90-9.

RAM LAL ANAND COLLEGE (EVENING)

Major Activities

On 27 November 2007, the Department of Political Science organised a lecture by renowned academician Prof. Daniel A. Bell on 'Communitarian Critique of Liberalism'. Prof. Daniel A. Bell is a Professor of Political Philosophy and Ethics in the Department of Philosophy at Tsinghua University, Beijing. The session was chaired by Prof. D. Ashok Acharya, Department of Political Science, Delhi University.

Faculty members of the Department of Political Science also attended a lecture by renowned Gandhian Thinker and Scholar, Prof. Anthony Parel (Prof. Emeritus, University of Calgary, Canada) at Gandhi Bhawan on 18 February 2008. He spoke on 'From Political Thought in India to Indian Political Thought: Gandhi's Contribution'.

Library Development

Total Budget	:	Rs. 2,50,000.00
Books added	:	640
Journals subscribed	:	31

Seminars/Conferences attended

Dr. B. Mangalam: Presented a paper on Dalit Theatre at the National Conference of the Indian Association for Commonwealth Literature and Language Studies, Mohan Lal Sukhadia University, Udaipur.

Presented a paper at a National Seminar on 'Translation and the Nation', Pondicherry University.

Dr. Kartikeya Kohli: Presented a paper at an International Seminar on 'The Trading World of the Indian Ocean 1500-1800', India International Centre, New Delhi and Centre of Science, Kolkata.

Presented a paper on 'Initiating India to India Trade: Portuguese Southeast Africa in the Indian Ocean Trade, 1500-1800' which was highly appreciated. He was also a discussant on a paper by Leonard Andanya in this Seminar.

Dr. Rajesh Kumar: Participated in the Indian History Congress, Delhi, 28-30 December 2007.

Publications

Books

Vidyarthi, V.S. 2007. *I.A. Richards aur Acharya Ramchandra Shukla ke Samiksha Sidhanton ka Tulnatmak Adhyayan*. New Delhi : Sarthak Prakashan.

2007. *Lokonmukh Kavi Nirala*. New Delhi : Sarthak Prakashan.

Sinha, M. (ed.). 2007. *Reading Gandhi'* . New Delhi : Orient Longman.

Research Articles

Wankhede, H.S. Economic and Political Weekly. 'The Social and the Political in the Dalit Movement Today'.

RAJKUMARI AMRIT KAUR COLLEGE OF NURSING

Major Activities

The College continued to offer regular B.Sc. (Hons.) and Master of Nursing courses. In addition to regular courses, short-term courses at the local, state and national levels are also conducted, depending upon Government funding.

In addition to conducting of B.Sc. and Master of Nursing programmes, the College administered and provided services to the general public through its Rural Field Teaching Centre, Chhawla village, and Child Guidance Centre at the College.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Ms. Sujatha R.	Master of Nursing	I
Ms. Aditi Sinha	Master of Nursing	II
Ms. Namrata Sharma	Master of Nursing	III
Ms. Emin Elsa Thomas	B.Sc. (Hons.) Nursing	I
Ms. Divya Joy	B.Sc. (Hons.) Nursing	II
Ms. Daliya Kurian	B.Sc. (Hons.) Nursing	III

Library Development

Total Budget	:	Rs. 8,45,000.00
Books added	:	382
Journals subscribed	:	37

New Additions

Ms. Kalpana Rani	-	Clinical Instructor
Ms. Tumpa Roy	-	Clinical Instructor

Seminars/Conferences attended

Mrs. Molly Babu and Mrs. Neelam Batra: Attended an Internal Conference on Neonatology, Ashoka Hotel, New Delhi, 15-17 September 2007.

Miss Sivakami: Attended Internal Conference on Mediterranean Diet and Health, Hotel Shangaria, New Delhi, 11-12 December 2008.

Miss Kalpana Mandal, Mrs. Molly Babu and Mrs. Neelam Batra: Attended a Conference on 'Recent Advances in Neonatal Care', Ashoka Hotel, New Delhi, 25 February-9 March 2008.

RAMJAS COLLEGE

Major Activities

The College has incorporated new language courses through the School of Foreign and Indian Languages. Further, the College has distinguished itself in the international arena of education and research by initiating an academic exchange programme with premier Universities such as University of Copenhagen, University of Antwerp and Lahore University of Management Science.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Swati Bansal	B.Sc. (Gen.) EVS	I
Aditi Ranjan	B.Sc. (Hons.) Botany	II
Bodhisattva Chattopadhyay	M.A. English	II
Munna Kr. Pandey	M.A. Hindi	I
Agniv Ghosh	M.A. Bengali	I
Savita Saini	M.Sc. Chemistry	I
Sudhir Verma	M.Sc. Zoology	I

Library Development

Total Budget	:	Rs. 5,27,200.00
Books added	:	1,598

SRI AUROBINDO COLLEGE

Major Activities

The various departments of the College regularly organise seminars, debates, and talks by eminent personalities on current social, economic, educational and political issues to give first-hand knowledge to its pupils in order to make them responsible citizens of the nation. The N.S.S. and N.C.C. units of the College organised a blood donation camp where nearly 70 students donated blood. The N.C.C. cadets of the College were selected for the Republic Day parade, Thal Sainik camp, para sailing camp and CATC camp. They also attended a camp in the Andaman and Nicobar Islands. The College cultural committee, along with the Students Union, organised a two-day cultural programme 'MAHAK' in December 2007. The events organised on this occasion were quiz, debate, singing, dance and fashion show. The students' participation in these events was very enthusiastic. Students from twelve other Colleges of the University also participated in these events.

Seminar/Conference attended

Dr. Hari Om, Dr. R.S. Sisodia, Dr. K.C. Verma and Dr. Vipin Agrawal: Attended the All India Accounting Conference, Jodhpur.

Library Development

Total Budget	:	Rs. 4,12,000.00
Books added	:	1,294
Total no. of books	:	49,133
Journals subscribed	:	15

Publications

Gupta, M. 2007. 'Tests of Technical Analysis in India'. *Vision – The Journal of Business Perspective*, 11(3).

Johry, G.S. 2007. 'Vocational education and training people of the job of tomorrow rather than subsidizing the job of yesterday'. *AIU*.

Lahiry, S. 2008. 'Dielectric properties of sol-gel derived Barium-Strontium-Titanate thin films'. *Thin Solid Films*, 516(8) : 1656-62.

Singh, D. 2007. 'Cl-super continuous functions'. *Applied Topology*, 8(2) : 293-300.

Books

Rajput, N. 2007. *Advertising and Personal Selling*. New Delhi : Himalaya Publishing House.

2007. *Values and Ethics in Business*. New Delhi : Mayur Paper Backs.

2007. *Business Organisation and Management*, Delhi : Kitab Mahal.

2007. *Politics, Ethics and Corporate Social Responsibility*, for B.Com. (Hons.) 1st year.

SRI AUROBINDO COLLEGE (EVENING)

Library Development

Total budget		
Reading Room Grant	:	Rs. 1,75,927.00
UGC Xth Plan Grant	:	Rs. 1,25,000.00
Books added	:	896
Journals subscribed	:	02

Seminar/Conference held

The History Department organised a Seminar at University of Delhi South Campus on 'State and Society in India: A Historical Perspective'.

Seminars/Conferences attended

Mrs. Mini Gill: Presented a paper titled, 'Anuvad Ek Drishtikon' at Antar Rashtriya Hindi Utsav on the occasion of International Women's Day, Hindi Bhawan, organised by Navjeeven Seva Ashram and Bharatee Media Foundation.

Dr. (Mrs.) Vijaya Laxami Singh: Presented a paper on 'Gender Differentiation and Contentions Female Voice of Sita in the Ramayana' in the Indian History Congress, Delhi Session 2007.

Mrs. Anisha Srivastava: Presented a paper titled 'Amrit Lal Nagar-Karvat-A Saga of 1857 and after' in the National Seminar on 1857 organised by Banaras Hindu University, August, 2007.

Presented a paper titled 'Amrit Lal Nagar's *KARVAT* : A Significant narrative of Nineteenth-Century Lucknow' in the Indian History Congress, December 2007.

Dr. (Mrs.) Vedwati Daidik: Participated in the 11th International India Conference on 'Vedic Value System: Contemporary Relevance and Challenges', Vrindavan, 14-16 December 2007.

Dr. Susanta Kumar Bag: Presented a paper titled 'Agrarian Problems, Peasants and National Movements in Orissa' at the 68th session of the Indian History Congress, Delhi, 28-30 December.

Publications

Batra, V.K. Two books were published by Tata McGraw-Hill for the B.Com. Programme and B.Com. (Hons.) on Auditing based on the revised syllabus of Delhi University.

Singh, V.L. 2007. 'Visibility of Egalitarian Concept of Buddhism in the Images of Women in the Therigatha'. *Social Science Probing*s.

Srivastava, A. 'Female Mortality in United Provinces, 1900-1930', proceedings of Indian History Congress.

Varma, S. *Currency Convertibility Indian and Global Experiences*. New Delhi : New Century Publications.

2007. 'Inclusive Cities'. *SHELTER*, 10(1).

2007. 'Cities in a Global Perspective'. *NATIONAL REALTY*, Vol. XI.

SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES

Major Activities

The College organised a National Corporate Seminar in 2007-08 – Convergence 07 - on the theme 'Re-Inventing India: The Emerging Powerhouses'. The College was also successful in placing its final year students. 152 offers have been made to 128 students. Some of the recruiters were UBS Investment Bank, Hewitt Associates, McKinsey Knowledge Centre, Ernst & Young and Reuters.

The College made its contribution to social causes through Kartavya. The Society was awarded a 'Special Appreciation' Certificate by Manovikas, a Rehabilitation Center.

Intra-College events such as debates, quiz and sports events were organised throughout the year.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Neha Gupta	B.B.S.	I
Richa Nagpal	B.B.S.	II
Mansi Mehta	B.B.S.	III
Pallavi Goel	B.F.I.A.	I
Kanu Jain	B.F.I.A.	II
Puja Gupta	B.F.I.A.	III
Danish Qureshi	PGDCA	I
Mohammed Waseem	PGDCA	II
M.J. Vittal	PGDCA	III

Library Development

Total Budget	:	Rs. 4,00,000.00
Books added	:	667
Journals subscribed	:	48

Seminar/Conference held

Convergence 2007, the 18th Annual Corporate Seminar was held on 24-25 October 2007, at India Habitat Centre, New Delhi. In keeping with the theme of '**Re-Investing India: The Emerging Powerhouses**', it sought to look at the roster of contemporary growth avenues - the organised retail sector, rural India, and Entrepreneurship.

Seminars/Conferences attended

Dr. Poonam Verma and Ms. Anuja Mathur: Attended the Marketing Summit 2007 on 'Rewriting Marketing for the new India- Managing Dreams Realities, Needs and Wants', CII.

Dr. Poonam Verma: Attended a two-day Leadership Summit, organised by *The Hindustan Times*, November 2007.

Dr. Poonam Verma and Ms. Anuja Mathur: Attended a Conference on Higher Education, CII and Warwick University, UK.

Mr. Kumar Bijoy: Addressed four National Seminars and three International Seminars organised by the Ministry of Finance and Govt. of India.

Construction Industry Development Council, Planning Commission of India.

National Rural Employment Guarantee Scheme organised by Govt. of Rajasthan.

Rajasthan Real Estate Development Council organised by Govt. of Rajasthan.

TCS-Colombo Programme (participants from 27 countries of Asia, Europe and Africa) organised by the Ministry of Finance, Govt. of India.

Publications

Gupta, A. and Gupta, S. 'Mining Frequent Closed Itemsets for Association Rules', *Encyclopedia of Database Technologies and Applications*.

Anand, S. 2007. 'Generalised Software Growth Model Using Stochastic Differentiated Equation'. *Communication in Dependability and Quality Management*, 10(3) : 82-96.

2007. Presented a paper titled 'Effects of Change point on Software Reliability Growth Models Using Stochastic Differentiated Equation', 3rd International Conference on Reliability and Safety Engineering, Reliability Engineering Centre, IIT Kharagpur and Secure Meter Ltd., Udaipur. The paper was published in the Conference proceedings.

2008. Presented a paper titled 'Testing – Domain Based Software Reliability Growth Models using Stochastic Differentiated Equation', International Conference on Quality Reliability and Safety Engineering, Nuclear Power Corporation of India Ltd. and IIT Bombay, Mumbai. The paper was published in the Conference proceedings.

'Fault Dependency based Software Reliability Growth Models with various debugging Time Lag Function'. *Communication in Dependability and Quality Management*, 10(3) : 46-8.

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN

Major Activities

The College runs the Centre for Entrepreneurship and Career Oriented Programme (CECOP). It was started with an aim to conduct short-term courses which could impart suitable skills to unemployed graduates or those pursuing graduation. This year, two short-term Workshops and a two-day Symposium were organised.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Ms. Vaishali	B.A.Sc. (Hons.) Electronics	I
Ms. Sonu Sehgal	B.A.Sc. (Hons.) Electronics	II
Ms. Charu Ramhandani	B.A.Sc. (Hons.) Electronics	III
Ms. Alpna Taxali	B.A. (Hons.) Instrumentation	I
Ms. Priyanka Kapoor	B.A. (Hons.) Instrumentation	II
Ms. Supriya Saxena	B.A. (Hons.) Instrumentation	III
Ms. Gayatri Bahal	B.A.Sc. (Hons.) Food Technology	III

Library Development

Total Budget, Books	:	Rs. 4,89,100.00
Journals	:	Rs. 46,600.00
Non-recurring	:	Rs. 40,000.00
Books added	:	257
Journals subscribed	:	12

Appointment of faculty member to higher Post/Assignment

Mr. Projes Roy, Librarian appointed Chief Librarian at Japan Foundation, New Delhi.

Honours/Distinctions

Ms. Amita Kapoor: Awarded DAAD scholarship to pursue part of a Ph.D. programme in Germany for one year.

Seminar/Conference held

The College organised *Lyceum Technorati* – National level Industry Academia Summit 2007 on ‘Talent Creation and Management’ in collaboration with NIILM Centre for Management Studies. The two-day Symposium included presentations and discussions on the issues of emerging industry opportunities and bridging the gap between academic output and industry requirements.

Seminars/Conferences attended

Dr. S. Lakshmi Devi, Principal: Delivered a lecture in a meeting on Women’s Education Worldwide on ‘Strategies to develop leadership qualities in women: Best practices’ in Bellagio, Italy, 20-24 August 2007.

Delivered a lecture on ‘Right to Food’ on World Food Day, 16 October 2007.

Delivered a lecture on ‘Educational Counseling’ to students of the District Institute of Educational and Training, January 2008.

Delivered a lecture on ‘Women in Decision Making and Higher Educational’ in the Bina Roy Memorial Seminar, University Women Association, Delhi, All India Women Conference, 8 March 2008.

Dr. (Mrs.) Punita Saxena: Presented a paper titled ‘Efficiency Assessment of Public Transport Undertaking of India using Data Envelopment Analysis’, 2nd International Conference on Continuous Optimization, McMaster University, Hamilton, Canada, 13-16 August 2007.

Dr. (Mrs.) Jasjeet Kaur: Presented a paper titled ‘A fluorescent, nanotechnology-based formulation for detection of fingerprints’, 6th Biennial Meeting of the International Fingerprint Research Group, Canberra, Australia.

Ms. Ruchi Srivastava: Presented a paper titled ‘Managing for Effectiveness in the Food Sector: A Case Study’, International Conference on ‘Agribusiness and Food Industry in Developing Countries: Opportunities and Challenges’, IIM Lucknow, 10-12 August 2007.

Presented paper titled ‘Organizational Effectiveness through Food Safety Management’, in the session on ‘Opportunity and Challenges for Small, Medium and Large Scale Enterprises in Dairy and Food Sector’, National Seminar on ‘Prospects of Food and Dairy Processing Industries in Eastern Region’, Banaras Hindu University, 28-29 September 2007.

Publications

Kuanr, A.V. 2007. 'Ultrathin Magnetic Multilayer films for lower field Microwave Notch filters'. *Journal of Vacuum Science and Technology B*.

Kaur, J. 2007. 'A novel nanoparticle size fingerprint detecting composition based on fluorescent Lucifer Y dye'. *Fingerprint World*, 34: 24-25.

Kapoor, A. Published a paper 'Estimation of Amplified Spontaneous Emission in Erbium Doped Fiber with Long Period Grating Written in it', in the Second Research Forum of Japan-Indo Collaboration, Kyushu University, Japan.

Published a paper titled 'Optical control of RF transmission in a new micro strip gap structure on silicon substrate', in the proceedings of APMC, Korea.

Published a paper titled, 'Long Period Gratings: Design and Applications', in *Technical Digest, XXXIII*, Symposium, organized by Tezpur University, in association with Optical Society of India.

Published a paper titled 'Suppression of Amplified Spontaneous Emission in Erbium Doped Fiber with Long Period Grating written in it', in the Proceedings of APMC, organized by Electrical Engineering, Electronics, Computer, Telecommunications and Information Technology Association of Thailand.

Singh, R. Published a paper entitled 'Estimation of Amplified Spontaneous Emission in Erbium Doped Fiber with Long Period Grating Written in it; in Forum Digest Second Research Forum of Japan-Indo Collaboration Project, Khyushu University, Japan.

Published a paper 'Long period Gratings: Design and Applications', in the Technical Digest XXXIII Optical Society of India Symposium, organized by Tezpur University in Association with Optical Society of India.

Published a paper 'Suppression of Amplified Spontaneous Emission in Erbium doped Fiber with Long Period Grating written in it', in the Proceedings of APMC, organized by Electrical engineering, Electronics, Computer, Telecommunications and Information Technology Association of Thailand.

Published a paper titled 'Characterization of Long Period Grating with Coupling from the Core Mode to Multiple Cladding Modes', in the Proceedings of the Third Research Forum of Japan-Indo Collaboration, IIT Delhi.

Chawla, S. Published a research paper titled 'Improving information retrieval precision using query log mining and information scent', published in ANSI journal.

Bakhshi, R. 2007. Published a research paper titled 'Genetics and Management of Retinoblastoma'. *Journal of Indian Association of Paediatric Surgery*, 12(3) : 109-15.

Puneyani, G. 2007. Published a paper titled 'Theoretical Advancements of Quantum Dot Solar Cell: An Overview' in *Applied Physics 21st Century*.

SRI GURU TEGH BAHADUR KHALSA COLLEGE

Major Activities

The previous session started with the inauguration of the most coveted Tennis Complex with floodlit synthetic surface courts. The launch of an online public access catalogue, fully computerized library as per International standards and a book section for blind students are available. A delegation from Pakistan participated in the 15th World Punjabi Conference with Dr. Fakhar Zaman, writer, ex-minister and chairman, WPC. Mr. Allen Enger from the American Institute of Foreign Studies (AIFS), conducted a Workshop and interacted with sportspersons of various Colleges as part of an International Sports Workshop Camp, America.

To commemorate the tercentenary of Guruta Gaddi Diwas of the Adi Granth, a National Symposium on 'Guru, Granth and Panth: Situating Sikh Movement in the South Asian Context' was marked by gravity of tone and purpose. Besides, the Guru Arjan Dev Centre for Sikh Studies was opened to researchers and scholars of Sikh studies, Divinity and Comparative Religion. An exchange programme with Thames Valley University was discussed in a Sikh Musical Heritage. Zikr-i-Yaar, a lecture-demonstration on Sufi spirit, was celebrated and a play from Pakistan was invited to the College.

A total of 132 students got placement with Planman (1) TCS and Wipro (8), IBM (45), Gen Pact (11) Ernst & Young (12) Tech Mahindra (3) and ICICI (53).

New Course Introduced

B.A. (Hons.) Business Economics

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Gurdeep Kaur	M.A. Punjabi	I
Dalvinder Kaur	B.A. (Hons.) Punjabi	I
Bhanu Mittal	B.A. (Hons.) Hindi	I
Sourabh Kant	B.Sc. (Hons.) Maths	I
Perwez Alam	Certificate Course in Spanish	I
Sarika	M.Sc. Botany	II
Ishita Tandon	M.Sc. Maths.	II
Parnita Kaur Kakkar	M.A. Punjabi	III

Library Development

Total Budget	:	Rs. 7,00,000.00
Books added	:	1,200
Journals subscribed	:	45

Honours/Distinctions

Dr. Veena Agrawal: Received the 'Dr. Radhakrishnan Memorial National Teachers' Award-2007' on Teacher's Day, 5 September 2007.

Dr. Vanita Kaur: Awarded the 'IAPA Award-2007' by the International Association of Punjabi Authors and Artists, for her work on Punjabi Poetry and Literary Criticism.

Dr. Komal Kamra: Awarded the 'Ojaswini Shirsh Alankaran - 2007' by the Govt. of Madhya Pradesh, conferred by the Chief Minister of Madhya Pradesh.

Seminar/Conference held

National Symposium on 'Guru Granth and Panth: Situating Sikh Movement in South Asian Context' to commemorate the 3rd Centenary of Guruta Gaddi Diwas of the Adi Granth, 4-5 February 2008.

Seminars/Conferences attended

Dr. Aryama: Presented a paper titled 'Affirmative Action: International Practices and Experiences', Conference, IIPS & Princeton University.

Dr. G.S. Sodhi: Presented a paper titled 'Chemical Methods for Detecting Fingerprints', National Conference on 'Recent Advancement and Developments in Chemical Sciences', D.A.V. College, Abhor, 7-8 January 2008.

Ms. Harleen Kaur and Ms. Kamaldeep Kaur: Presented a paper on 'Organised Retail in India: Opportunities and Challenges' in a National Seminar on 'Service sector: Opportunities and Challenges', Department of Commerce, Punjabi University, Patiala, 26 March 2008.

Dr. Rajkumar: Presented a paper on 'Literary Representation of Ambedkar: A Case Study from Orissa' in a National Seminar 'Programme for studies in discriminations and exclusion', School of Social Sciences, Jawaharlal Nehru University, New Delhi, March 2007.

Read a paper on 'Dalit in Contemporary Orissa: Discrimination and Assertion', National Seminar, Ambedkar Chair, Centre for Studies in Social Sciences, Jawaharlal Nehru University, New Delhi, March 2007.

S. Kuljeet Singh: Presented a research paper 'Bani: Discourse, Space & Performance' in a National Seminar on 'Literature: Meaning & Deliberations', Jadavpur University, Kolkatta.

Dr. Smita Mishra: Presented paper on 'The Role of Alternative Media in Rural Development', Punjab Agriculture University, Ludhiana, 18-19 February 2008.

Dr. Savinder Kaur: Presented a talk in the Young Scientist Session titled 'Electron-impact study of Rare Gas Excimer: NeF', Topical Conference on Atomic and Molecular Physics, Sardar Patel University, Vallab Vidyanagar, Gujarat, 2-5 January 2008.

Dr. Nachiketa Singh: Attended a National Seminar on 'African Resilience: Contextualizing, Society, Politics and Economy', School of Open Learning, Delhi University, March 2007.

Dr. G.S. Virdi, Dr. Laxmi Narula, Ms. Parminder Kaur, Dr. Inderdeep Kaur and Dr. Jasleen Kaur: Attended a National Conference on 'Wetlands, Science and Society – An Assessment of their Integration', INSA, Delhi, 11-13 December 2007.

Dr. Komal Kamra: Presented a paper on 'Accessibility in the University System: The University of Delhi Initiative', World University System Seminar, Kolkata, 1-2 March 2008.

Publications

Books

Jhamb, H.V. 2008. *Fundamentals of Management Accounting*. New Delhi : Ane Books.

Agrawal, V. 2008. (ed.). *Guruvani Peeyush*. Delhi: Vani Prakashan.

Mishra, S. and Amar, A. 2008. *Electronic Media: Badalte Aayaam*. Delhi: Bharat Pustak Bhandar.

Mishra, S. 2008. *Media aur Sahitya*. Delhi: Bharat Pustak Bhandar.

Kaur, V. 2008. *Kavi Kavita Samvaad*. New Delhi: Manpreet Prakashan.

2008. *Harinder Singh Roop's Life and Work*. New Delhi: Manpreet Prakashan.

2008. *Shri Radha*, Punjabi Translation of Ramakant Rath's long poems from Oriya. Chandigarh: Lok Geet Prakashan.

Aryama. 2008. (co-ed.). *Ambedkar in Retrospect: Essays in Politics, Economy and Society*. Rawat Publications.

Saxena, R.K. and Saxena, S. 2008. *Comparative Anatomy of Vertebrates*. New Delhi: Viva Publishers.

Research Articles

Sodhi, G.S. 2008. 'Novel, nanoparticle size fingerprint detecting composition based on fluorescent luciferin dye'. *Fingerprint World*, 34: 24.

Verma, S., Arora, S.C. and Dutt, G. 2007. 'Multi-plication and Composition Operators on Orlicz-Lorentz spaces'. *International J. Mathematics*, Bulgaria, 1(25): 1227-34.

Verma, S., Arora, S.C. and Dutt, G. 2007. 'Composition Operators on Lorentz Spaces'. *Bulletin of the Australian Mathematical Society*, Australia, 76(2): 205-14.

Verma, S., Arora, S.C. and Dutt, G. 2007. 'Weighted Composition Operators on Lorentz Spaces'. *Bulletin of the Korean Mathematical Society*, Korea, 44(4): 701-8.

Kaur, S. 2008. 'Electron-Impact Study of NeF Using the R-Matrix Method', *Physical Review A*. 77: 032718.

Mamta. 2008. 'Unparticles and Muon Decay'. *Physics Letters*, B658: 148-54.

Wadhwa, A. 2008. 'An innovative method to study stokes law in laboratory', *Jl of Physics Education*, UK, 43: 301-4.

SHIVAJI COLLEGE

Major Activities

The Departments of Economics, Commerce and Business Economics jointly organised its annual festival 'Pareto.Com' on 17-18 December 2007. The inaugural lecture, 'Managerial aspects of Chak De India' by Prof. N.K. Kakkar, Director, Maharaja Agrasen Institute of Management Studies, was enlightening for the audience.

The Department of Physics organised a lecture on 'The Orbital Motion of Sun' by Shri Sachin Bhambha an eminent worker in the field.

The annual cultural festival 'Agaaz-2008' was organised from 23-25 January 2008 in which various Inter-College competitions were organised. The festival was sponsored by the leading newspaper *Hindustan*. They gave wide publicity to the festival through advertisement in the newspaper on all the three days.

Library Development

Total Budget	:	Rs. 657468.00
Books added	:	1,406
Journals subscribed	:	24

New Addition

Mr. Vikas Sharma - Hindi

Seminar/Conference held

A two-day National Symposium on 'Molecular Biology-Current Innovations and Future Trends' – SYNTENY 2007, Biochemical Society. The Symposium was sponsored by DBT and DST, Govt. of India, Shivaji Collge, 26-27 October 2007.

Seminars/Conferences attended

Dr. Amarjiva Lochan: Attended an International Seminar on 'Inter-Asian Connections: Facets of Indo-Thai History, relations and contracts', Asiatic Society, Kolkata, 19-20 November 2007.

Attended the National Conference on '32nd Indian History & Cultural Society', Directorate of Culture, Chhatisgarh, 1-4 December 2007.

Attended the 10th International Conference on Thai Studies, Thammasat University, Bangkok, Thailand, 9-11 January 2008.

Dr. Rajni Kanojia: Attended a National Seminar on 'Chemistry Education and Research in the 21st Century', Dyal Singh College, Delhi University, 7-8 February 2008.

Publications

Rana, L. *Geographical Thought: A Systematic Record of Evolution*. New Delhi: Concept Publishing Company.

Kanojia, R. 2007. '4-(2-pyridyazo-)-resorcinol as effective korrossion inhibitor for mild steel in 0.5 M Sulphuric Acid'. *US Journal Surface Engineering*, Vol. 23.

Mehta, V.K. 2007. 'Nuclear Science in Disinfestations of Agro-Stored Products and Quarantine' in *Indian Society for Nuclear Techniques in Agriculture and Biology*.

'Use of Ionizing Radiation in Interaction with fumigants towards management of Tribolium Castaneium (Herbst)'. Israel: FTIC Ltd. Publishing, pp. 467-74.

Sagar, P. 'Meyer-Neldel rule in Se and S doped hydrogenated amorphous silicon'. *Solid State Electronics*.

सत्यवती कॉलेज

मुख्य गतिविधियाँ

महाविद्यालय में पुस्तकालय का पूर्ण कम्प्यूटरीकरण हो चुका है और अब इस वर्ष पुस्तकालय के रीडिंग हॉल को पूर्ण वातानुकूलित करने का कार्य आरंभ हो चुका है। पुस्तकालय के कम्प्यूटरीकरण के साथ ही प्रशासनिक तथा लेखा विभाग के सम्पूर्ण कार्यों को कम्प्यूटरों के माध्यम से करने का कार्य भी आरंभ कर दिया गया है। विद्यार्थियों के लिए सुसज्जित कम्प्यूटर लैब भी बनाई है जिसमें पचास कम्प्यूटरों की व्यवस्था की गई।

पुस्तकालय विकास

कुल बजट	:	रु. 5,92,600
पुस्तकों में बढ़ोतरी	:	1632
पत्रिकाओं की खरीद	:	22

SATYAWATI COLLEGE (EVENING)

Major Activities

The College held the **Annual Satyawati Memorial Lecture** delivered by the renowned Gandhian, Ms. Radha Bhatt, Chairperson, Gandhi Peace Foundation, on 29 April 2008. Speaking on 'The Relevance of Gandhi', she underscored the need to re-orient our youth on the lines of Gandhian principles to combat terrorism, communalism, environmental degradation and social injustice in India and abroad. The lecture was presided over by Prof. Nayanjot Lahiri, Professor in Ancient Indian History and Archaeology, and Dean of Colleges, Delhi University.

New Courses/Subject Introduced

Application Courses

Voluntary Organisations
Fitness, Aerobics and Gym Operations

Interdisciplinary Concurrent Course:

Mathematical Awareness
English Language Proficiency

Library Development

Total Budget	:	Rs. 6,25,650.00
Books added	:	1,950
Journals subscribed	:	13

Seminars/Conferences attended

Mr. Ravinder Goel: Presented a paper titled 'TRIPS, R & D in Microsoft and Reforming copyright laws for IT Competitiveness', International Conference on 'IT industry in India: Prospects, Retrospect's and Politics', Jamia Milia Islamia, Delhi, 1-2 November 2008.

Dr. Ranjana Rani Singhal: Attended a International Conference on 'Sangiti: Perspective and prospect', Delhi University.

Dr. Mayank Kumar: Presented a paper titled 'Socio-political Dimensions of Technological Responses of Ecological Constraints in Early Modern Rajasthan', UGC sponsored National Seminar on '21st Century Renaissance: Transformations in Technology and life', Delhi College of Arts and Commerce, New Delhi, April 2007.

Presented a paper titled 'Agrarian Production and Technology: An Investigation in the Socio-Ecological profile of Early Modern Rajasthan', Environment and Indian History National Conference, C.P. Ramaswamy Aiyar Institute of Ideological Research, Chennai, January 2008.

Ms. Nasreen Naqvi: Presented a paper titled 'Higher Education Revamping to make the youth Providers rather than Seekers', National Seminar organized by the Planning Commission, New Delhi, 31 October 2007.

Mr. A. Ravichandran: Presented a paper on 'India's Challenges in Higher Education', National Seminar, Delhi College of Arts & Commerce, New Delhi, April 2007.

Dr. Rajiv Kumar Verma: Presented a paper titled 'Merchants, Monks and Mahakala', 7th Annual Conference of Indian Society for Buddhist Studies, Ujjain, MP, 5-7 October 2007.

Presented a paper titled 'Genealogy in Kalachuri Inscriptions', 68th Session of the Indian History Congress, Delhi University, 28-30 December 2007.

Publications

Anamika, 2007. *Dus Dware ka Pinjara*. Delhi: Vaani Prakashan.

Prasad, D. 2007. Editor of the special issue of *Anbhay Sancha*, a quarterly literary Journal which was released at the 68th session of the Indian History Congress.

Prasad, T. (Co-author). *Business English*, prescribed text for the new course in Business Communication for B.Com. III year.

Kumar, M. Contributed an Article titled: Environment to the reading material prepared for undergraduate students of the concurrent course on 'Social Enquiry'.

SRI VENKATESWARA COLLEGE

Major Activities

For the second consecutive year, the English Debating Society of the College organised an International Parliamentary Debate, Rhetoric 2007.

The Hindi Dramatics Team of the College performed a stage play 'No exit' at the Lahore Theatre Festival, Lahore, 3-5 March 2008.

The Economic Association conducted a distinguished lecture series inviting economic visionaries of the country - Dr. Kiran Karnik, President NASSCOM, Dr. Parthasarathy Shore, Advisor to the Finance Minister, Govt. of India and Padmavibhushan Dr. C. Rangarajan, Chairman of the Economic Advisory Council to the Prime Minister.

It is a matter of great pride that on 14 March 2008, H.E. Dr. David C. Mulford, Ambassador, US Embassy, visited the College and delivered a lecture to students on 'US-India Economic Relations'.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
R. Bharat	B.A. (Hons.) English	I
Neetu Singh Rathore	B.A. (Hons.) Hindi	I
Nandita Gupta	B.A. (Hons.) Sociology	I
Sneha Balakrishnan	B.Sc. (Hons.) Botany	I
Arkarup Bandyopadhyay	B.Sc. (Hons.) Bio Chemistry	I
Manhar Narang	B.Sc. (Hons.) Electronics	I
Tanu Mahajan	B.A. (Hons.) Mathematics	I
Bharti Porwal	B.Sc. (Hons.) Chemistry	I
Jitender Kumar	M.A. Sanskrit	I
Shivaa Rawat	M.A. History	I
Hemant Chawla	B.Sc. (Hons.) Electronics	II
Irengbam Debashish Singh	B.A. (Hons.) English	III
Samiya Khan	B.Sc. (Hons.) Electronics	III

Honours/Distinctions

Dr. P. Hemalatha Reddy: Visiting Scientist at the University of Texas Health Centre, Tyler, Texas, w.e.f. February 2008.

Ms. Vartika Mathur: Awarded the most prestigious Netherlands Fellowship Programme to participate in the Ph.D. programme at Wageningen University and Research Centre.

Research Schemes

Dr. P. Hemalatha Reddy, Dept. of Biochemistry, has been sanctioned a research grant of Rs. 20.03 lakh from the Defense Research & Development Organization, Ministry of Defense, Govt. of India, under Grant-in-Aid Scheme of the Life Science Research Board, for her project entitled 'Inhibitory Studies of Trifluoperazine (TFP), a Calmodulin Antagonist in Mycobacteria'. The tenure of the project is three years.

Dr. N. Latha, Dept. of Bio Chemistry, has been sanctioned a special grant of Rs. 27 lakh by the Dept. of Biotechnology to establish the first Bioinformatics Facility Centre in a College in North India with an initial funding of Rs. 27 lakh.

The Department of Biotechnology communicated through email dated 31 December 2007 regarding the approval of the project submitted by Dr. N. Latha titled 'In silico analysis of the impact of SNPs/SNP haplotypes on protein structure and function' to DBT as part of the Centre of the Excellence. The estimated cost of the Project is Rs. 1.15 crore.

Library Development

Total Budget	:	Rs. 12,72,500.00
Books added	:	3,033
Journals subscribed	:	75

New Additions

Mr. O.S.S. Prasad
Mr. Ninian Nauneet Kujur

Appointment of faculty member to higher Posts/Assignments

Dr. B. Biswal: 'Guest Scientist' at the Institute for Computer Application-I, Stuttgart University, Germany.

Dr. P. Hemalatha Reddy: Appointed Visiting Scientist at the University of Texas Health Centre, Tyler, Texas.

Seminars/Conferences attended

Dr. Nirmal Kumar: Attended two International Conferences of the Association of Asian Studies, Boston, in 2007 and Imperialism Film History Seminar at Amsterdam 2008.

Dr. Saitya Brata Das: Presented a paper titled 'The Mourned Gift' at the Derrida Today Conference, Sydney, 10-12 July 2007.

Dr. Agam Kumar Jha: Presented a paper in an International Conference on 'Ultra-Relativistic Nucleon-Nucleon Collisions (Quark Matter 2008)', Jaipur, 4-10 February 2008.

Dr. Anant Pandey: Attended an Indo-Australian Symposium on 'Multi-functional Nanomaterials, Nanostructures and Application', Delhi University.

Dr. E. Muralidhara Rao: Participated in the Seminars conducted by Kakatiya University in AP, and Benaras Hindu University, UP.

Dr. V. Chandrasekhara Rao: Attended a National Seminar on 'Chemistry Environment and You – Challenges for Future' at Gargi College, Delhi University.

Dr. B. Rupini: Attended a National Seminar on 'Green Chemistry and Natural Products', Delhi University.

Dr. Shukla Saluja: Participated and presented a paper on 'Hormonal regulation of growth and growth correlations in chickpea seedlings modified through organectomy' at a National Seminar organised by Dr. Babasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Maharashtra.

Dr. Swaran Singh: Attended on International Conference on Operator Theory and Related Areas.

Publications

Pati, B. (ed.). *The Nature of 1857*. New Delhi : Oxford University Press. (Co-ed.). *India's Princely States : People, Princes and Colonialism*. UK : Routledge.

Bharat, M. *Filming the Line of Control: The Indo-Pak Relationship through the Cinematic Lens*, (co-ed.) Kumar, N.

Pandey, A. 2007. Published two papers on 'Nanocrystalline MgB_4O_7 : Dy for high dose measurement of gamma radiation' in *Physica Status Solidi (A)*, 204(7) : 2416-25 and 'Nanocrystalline C_60 : Eu for thermoluminescence radiation dosimetry' in Proceedings of MNNA, Delhi University.

Vivekanathan, S. Nagaraj Temple. Chennai : Kaavya Book Publishers. In this series he has published four Articles-

Nagaraj Temple : A 'Typical Jaina Centre', Madurai Kamboj University, Madurai; 'Thirucharanathu Malai', Kanyakumari Academy of Arts and Science, Scott Christian College, Chennai; 'Social Life of Christians', Madras Christian College, Chennai, and 'History of Jainism in Kanyakumari District'; Series of Articles, Published in *Tri Umbrella* – Monthly Jaina Magazine, Jain Youth Forum, Chennai.

Rupini, B. 2007. Published a paper titled 'Synthesis and Characterization of Oxovanadium (iv), Cobalt (ii), Nickel (ii), Copper (ii) and Palladium (ii) complexes of some coumarin based Schiff bases' in *Journal of Indian Chemical Society*, Vol. 84.

Shukla S. Co-authored a paper 'Deshooting – Activated cotyledonary axillary bud growth and its correlation with nodal vasculature in chickpea seedlings'. *Phytomorphology*, 56: 145-50.

Singh, S. 2007. Published a research paper titled 'A New Two Level Implicit Discretization of $0(lk^2 + kh^2 + h^4)$ for the solution of Singularly Perturbed Two Space Dimensional Non Linear Parable Equations'. *Journal of Computational and Applied Mathematics*, USA, 208: 391-403.

Budhraja, V. 2008. Presented a research paper in the 95th session of Indian Science Congress, Vishakhapatnam, Andhra Pradesh, 3-7 January 2008.

SCHOOL OF REHABILITATION SCIENCES

Major Activities

The new batch of 2007-08 has students from various parts of India and abroad - Madhya Pradesh, Nepal, Karnataka, West Bengal, Orissa, Haryana & Uttar Pradesh. The large intake is in keeping with the objective of fulfilling the training and service needs for persons with disabilities in different parts of the Northern Region. The batch includes siblings, parents of persons with disabilities, physiotherapists and an occupational therapist.

An overnight camp was organised for PGSE & PGDT students at AADI's Rural Community based Rehabilitation programme, at Ballabgarh to understand disability in the context of the rural community. The additional focus of the visit was to conduct need-based assessments of people with disability in their own environment across life domains; for example, activities of daily living, mobility, physical development, communication, etc. There were about 12 children/adolescents with various disabilities in the age group of 4-16 years. The students also attended group meetings at the villagers, to get an insight into community processes.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Kavita Oza	PGDSE	I
Neeti Kabra	PGDSE	I
Megha Dhawan	PGDDT	I
Neha Nayyar	PGDDT	I
Savita Gahlot	PGDDT	I

Library Development

Total Budget	:	Rs. 1,30,000.00
Books added	:	77
Journals subscribed	:	14

New Addition

Priyanka Kapoor - Lecturer

Seminars/Conferences attended

Anita Prasad and Ms. Kajali Roy: Presented a paper on 'An overview of the present situation of use of technology for empowering differently abled person', National Seminar on 'Empowering Differently Abled persons through ICT' at Indian National Science Academy organized by IIT Allahabad, 9-11 February 2008.

Charulekha: Attended a National Seminar on 'Empowering Differently Abled persons through ICT' at Indian National Science Academy organised by IIT Allahabad, 9-11 February 2008.

SRI GURU NANAK DEV KHALSA COLLEGE

Major Activities

The College was set up with the idea of imparting quality education, preparing the students to take their place in the job market, instill moral values and enhance awareness about Sikh history, religion, culture and philosophy.

A Hindi paper, *SURLOK SAMCHAR*, is brought out by the College to enable students of journalism to practice the tools taught to them.

The College is preparing its students for the job market. Dr. P.K. Anand's team of the Placement Committee has worked hard and the results are visible. Many companies such as Genpact, Apex, Capital IQ, ITC and Edu-Forum visited College and selected many students.

New Course Introduced

Certificate course in Women's Studies.

Library Development

Total Budget	:	Rs. 6, 60,000.00 including Rs. 2, 25,000.00 as XIth Plan
Books added	:	2,300
Journals & Newspapers	:	60

Honours/Distinctions

Dr. Jyoti Bajaj and Dr. Bhagwant Kaur, Department of English: Awarded Ph.D. degree.

Seminar/Conference held

The College organised a National Seminar on 'Sri Guru Granth Saheb as source of Contemporary History'.

Seminars/Conferences attended

Dr. Man Mohan Kaur: Attended a Seminar for Principals of College Promoting Consumer Education Awareness, 22 January 2008.

Attended an International Conference on Operative Theory and Related Areas organised by the Department of Mathematics, Delhi University, 9-11 January 2008.

Dr. Harbans Kaur Sagoo: Presented a paper on 'Analysis of Punjabi sources of the Sikh History' at the Punjabi History Conference in 2007 and also participated in the 68th Indian History Conference.

Dr. Harnake Singh Gill: Presented a paper on 'Kavita Ka Bhavishya' at the Punjabi Sahitya Sabha, London.

Dr. Geeta Lakhanpal: Presented a paper on '*21 Century. Her Resolve to Face Challenges*' in a UGC-sponsored National Seminar in S.A. Jain College, Ambala, October 2007.

Publications

Singh, G. Six research papers to his credit and a published work titled *Samkalen Kathakar Aur Nai Katha Kritiyan*.

SCHOOL OF OPEN LEARNING

Major Activities

In order to improve educational governance, better technical and managerial practices have been introduced during last three years. One of the important achievements is related to the automated and on-line admission and examination processes being carried out at SOL, resulting in greater convenience of the students and substantially reducing long queues as well as waiting time. In a similar manner, examination forms and other relevant information have also been automated to make the system more user friendly and convenient. The students are being sent automated examination admit cards well on time, avoiding any possible inconvenience. The examination admit cards are also available on the SOL website to facilitate the process. Now, the Study Material is also distributed at the time of admission and at the time of submission of the Examination Forms, giving students more time to study and get better quality education. The ultimate aim of SOL is to provide cost effective and quality higher education in the virtual mode.

New Course Introduced

Short-Term Course: ICICI Banking Course 'Foundations of Banking'.

Library Development

Total Budget	:	Rs. 51,00,000.00
Books added	:	25,950
Journals/Periodicals subscribed	:	82

Seminars/Conferences attended

Dr. Madhu Trivedi: Attended an International Seminar on 'Cities in Medieval Indian (1200-1800)', organised by the Centre for Historical Studies, Jawaharlal Nehru University, New Delhi.

Dr. Suman Kr. Verma: Attended a National Seminar on 'e-learning and Distance Education', Jadavpur University, Kolkata.

SHYAM LAL COLLEGE

Honours/Distinctions

Dr. M.K. Razdan: Fellow, Society of Cytologists and Geneticists.

Seminars/Conferences attended

Dr. V.K. Aggarwal: Attended an International Conference on Indo-Japan Relations held in January 2008.

Sh. Satish Chandra Gupta: Attended Convention on 'Global Banking: Emerging Challenges and Opportunities' organised by the Department of Financial Studies, Delhi University.

Dr. Hemant Kukreti: Attended a SAARC Writers Conference in Chandigarh in November 2007.

Mr. Smruti Ranjan Behra: Presented a paper titled 'Technology and Competitiveness: An analysis of automobile industry of India' in the 44th Annual Indian Econometric Society Conference, University of Hyderabad, 3-5 January 2008.

Dr. (Mrs.) Alka Sharma: Participated on a National Seminar on '1957' organised by Mata Sundari College, Delhi University, 12-13 February 2008.

Ms. Annie Thomas Rojer: Attended a National Seminar on 'Renaissance and Renaissances: The Renaissance in Europe and the Bengal Renaissances' organised by the Department of English, Delhi University, 1-2 February 2008.

Dr. (Mrs.) Arkaja Goswami: Attended a National Seminar on 'Chemistry Environment and You: Challenges for the future', Gargi College, 26-27 September 2007.

Publications

Razdan, M.K. and Mattoo, A.K. (Co-ed.). *Genetic Improvement of Solanaceous Crpos. Volume 2: Tomato*. USA: Science Publishers Inc. Enfield.

Puri, V.K. *Indian Economy*, 25th edition. Mumbai : Himalaya Publishing House a textbook used by under-graduate and post-graduate students of Economics and Commerce of all Central and State Universities of India.

Bhartiya Arthvavastha, 19th edition. Mumbai : Himalaya Publishing House.

Economic Environment of Business, 5th edition. Mumbai: Himalaya Publishing House.

Sinha, P. 2007. *Vikram Seth: A Suitable Writer: A Critical Response*. Delhi : Critical Books.

SHYAM LAL COLLEGE (EVENING)

Major Activities

A new Computer Lab has been set up for students of Computer Science with 20 computers received from the University, Department of Mathematics and Computer Science.

An Eco-Friendly Club has been established with financial assistance from the Delhi Government.

Library Development

Total Budget	:	Rs. 4,60,000.00
Books added	:	1,643
Journals subscribed	:	11

New Additions

Mr. Ashwani Jassal	-	Political Science
Mr. Pawan Kumar Bhura	-	Commerce

Seminar/Conference held

5th National Seminar on 'Harnessing Indian-Japan Bilateral Relations' funded by UGC and Japan Foundation.

Seminars/Conferences attended

Dr. V.K. Tyagi: Presented a joint paper at the International Conference SPWC-2007 organised by IEEE held at Kings College, London, UK.

Dr. G.P. Agarwal: Attended an International Conference on Emerging Directions in Global Education-2008 at New Delhi and an International Post-Graduate Seminar on Canadian Studies at Jawaharlal Nehru University, New Delhi.

Dr. Ramesh Mishra: Participated in an International Seminar at CCS University, Meerut.

Mr. Ritesh Bhardwaj: Attended an International Seminar of Federation at Vigyan Bhawan, New Delhi.

Dr. R.K. Malik: Attended a Seminar organised by the Department of Financial Studies, Delhi University, and the Indian Accounting Conference at Jodhpur.

Mr. Manu Umesh: Presented a paper on 'Transformation of Business Scenario through corporate divestures and acquisition in India' at Business School, Ahmedabad.

Dr. A.K. Sharma: Attended the 26th All India IASLIC Conference 2007 on 'Digital Media and Library Information Services' at Jamia Millia Islamia, New Delhi, 26-29 December 2007.

Publications

Bhatia, R.C. 2008. *Business Organisation and Management*. New Delhi : Ane Books.

2008. *Business Communication*. New Delhi : Ane Books.

Ohri, V.K. and Majhi, B.D. 2008. *Principles of Macro Economics*. New Delhi: V.K. Publications.

Sharma, A.K. 2008. (ed.). *International Research Advances in Bio-Science*, Vol. 1-2, Delhi: S.R. Scientific Publication.

2008. (ed.). *International Research Advances in Chemistry*. Delhi: S.R. Scientific Publication.

2008. (ed.). *International Research Advances in Botany*, Vol. 1-2. Delhi: S.R. Scientific Publication.

2008. (ed.). *International Research Advances in Zoology*, Vol. 1-2. Delhi: S.R. Scientific Publication.

SHYAMA PRASAD MUKHERJI COLLEGE FOR WOMEN

Major Activities

The College believes in the cause of providing equal opportunities to women in society. The only way to attain this goal is through a serious commitment to education for girl students. The College offers quality education in the disciplines of Humanities and Commerce. In addition to class-room teaching, the College attempts to foster a rounded development of its students. Thus numerous extra-curricular and cultural activities such as plays, debates, poster competitions, quizzes, seminars, workshops and general knowledge contests and field trips are organised regularly by students and teachers.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Nidhi Malik	B.El.Ed.	I
Garima Sharma	B.El.Ed.	III

Library Development

Total Budget	:	Rs. 7,41,500.00
Books added	:	1,726
Journals subscribed	:	95

Honours/Distinctions

Dr. (Ms.) S.K. Jolly: Nominated Vice-President of Punjabi Sahit Sabhiachar Manch.

Seminars/Conferences held

A Seminar on 'Sangtarsh 2008 - Enhancing innovation', organised by the Department of Computer Sciences of the College.

A Seminar on 'Emerging Career Opportunities in Accounting and financial sector and Changing Corporate Culture' organised by the Department of Commerce.

Seminars/Conferences attended

Dr. (Ms.) S.K. Jolly: Presented a paper titled 'Sikhism as Harbinger of Peace', 38th International Congress of Asian and North African Studies at Ankara, Turkey, 10-15 September 2007.

Delivered the Presidential address at the 39th Punjab Historical Conference at Patiala, 16-18 March 2007.

Delivered the Prof. B.R. Grover Memorial Lecture on 'Social Movements in Punjab (Nirankari and Namdhari)' at the National Annual Conference of the Indian History and Culture Society at Raipur organised by (IAS) ISPOQS and IHCS.

Dr. (Ms.) Kusum Virmani: Attended an International Conference on Satyagrahi Centenary Celebration and read a paper on 'Eminent Satyagrahi of the 20th Century', JNU.

Dr. (Ms.) Nita N. Kumar: Presented a paper at the Shakespeare Society of India and American Literature Association Conference Panel.

Dr. (Ms.) Alka Kumar: Presented a paper at the Annual Conference of the National Women's Studies Association at St. Charles, USA, 28 June-1 July 2007.

Ms. N. Lalitha: Presented a paper 'A Behavioural Model for Stock Prices', published in *Contemporary Issues and Ideas in Social Science Journal*.

Dr. (Ms.) Jyoti Sharma: Presented a paper on 'Preparing Teachers for Mathematically gifted Children', Council for Gifted and Talented Children, 17th Biennial Conference 2007 held at University of Warwick, UK, 5-10 August 2007.

Publications

Jolly, S.K. *Punjab da itihās te sikh virāsā.*

Singh, R. Published two books on Mahadevi Verma.

Sachdeva, K. *Swang, a book Urdu poets of 18th and 19th Century.*

Malhotra, P. (ed.). entitled *Sannate*, a book of short stories.

Jain, A. *Income Tax, Auditing and Sales Tax.*

Chanderkanta. *Apostle of Satyagrah.*

SHRI RAM COLLEGE OF COMMERCE

Major Activities

The Shri Ram College of Commerce building received heritage status from the Govt. of Delhi last year and also a grant to retrofit it against earthquakes. Work on Modernization of all the classrooms with LCD projectors and screens, false ceilings, floor tiling, and up gradation of other facilities like central air-conditioning, etc. has been started with the generous contribution of more than Rs. 1 crore (till date) by its alumni so that the College may stand tall with world-class facilities.

In the past year, the College has also ventured into a student exchange programme with IESEG School of Management, Lille, France. So far, only students of IESEG have visited the College.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Jaskiran Kaur	B.Com. (Hons.)	I
Ruchika Katyal	B.Com. (Hons.)	I
Priyanka Kohli	B.Com. (Hons.)	II
Neha Gupta	B.Com. (Hons.)	III
Aproop Bhavē	B.A. (Hons.) Economics	I

Library Development

Total Budget	:	Rs. 12,00,000.00
Books added	:	1,000
Journals subscribed	:	80

Appointment of faculty member to the higher Post/Assignment

Dr. Gauri Shankar: Joined Director of Jagan Institute of Management Studies.

Seminar/Conference held

The College organised a National Colloquium, the topic of which was 'Reinventing Indian Business: Role of Corporate Leaders', Vigyan Bhawan, New Delhi, 18 March 2008.

Seminars/Conferences attended

Mr. S.K. Choudhary: Participated in a National Seminar on the Renaissance in Bengal organised by the Department of English, Delhi University, 1-2 February 2008.

Dr. Joga Singh Khokhar: Paper on 'Electricity consumption and economic growth in Bhutan: A Causality Approach' has been accepted for presentation at the 35th Annual Conference of the Atlantic Canada Economics Association, Saint Francis Xavier University, Antigonish Nova Scotia, Canada, 12-14 October 2007.

'Is electricity supply co-integrated with economic growth in India? A Bounds Test Approach', paper presented at the 44th Annual Conference of the Indian Econometric Society, 3-5 January 2008, University of Hyderabad, Hyderabad, 3-5 January 2008.

Mr. Reetesh Kumar Singh: 'Services Sector as engine of growth: A new paradigm for developing economics with reference to India', paper presented at the 60th All India Commerce Conference of the Indian Commerce Association, Osmania University, Hyderabad, 27-29 December 2007. The paper was adjudged the second best contribution and its author was given the Silver Medal for the Best Business Academician of the year 2007.

Publications

Malhotra, S.C. 2007. *Financial Accounting*. New Delhi: Galgotia Publications Pvt. Ltd.

Thukral, J.K. 2007. *Business Mathematics & Statistics*. New Delhi: Mayur Paperbacks.

Tiwari, H.N. *Business Studies for XIth Class and Business Studies for XIIth Class*, Co-author, Mohan, P. New Delhi: Sun India Publications.

Kumar, A. 2007. 'Audit Committee: A Cross Country-Analysis'. *The Chartered Accountant*, 56(4).

Jain, A. 2007. 'Factors Influencing Mobile Service Adoption in Rural India'. *Asia Pacific Journal of Rural Development* (Centre on Integrated Rural Development for Asia & the Pacific), Vol. XVII(1), pp. 17-28.

Kumar, M. 2007. 'Strategic issues of agricultural co-operative credit in Uttarakhand'. *Indian Co-operative Review*, 45(1).

2007. 'Rural co-operative credit: A SWOT Analysis'. *Yojna*, Vol. 51.

Kaur, K. 2007. 'Relationship between achievement motivation and pre-competition anxiety of India Inter-Varsity Hockey Players'. *Scientific Journal in Sports & Exercise*.

2008. 'Competitive Trait Anxiety of the top level Indian Hockey Players'. *Scientific Journal in Sports & Exercise*.

SRI GURU GOBIND SINGH COLLEGE OF COMMERCE

Major Activities

This year, the College launched a Research Journal, *Business Horizon: A Journal of Commerce and Economics*, to encourage research in relevant fields. It is a reviewed biannual journal assimilating vast knowledge in a few selected empirical articles, case studies and book reviews contributed by renowned academicians and faculty members. Its first issue was released on 6 December 2007.

The College has been selected and designated to start an add-on course in Banking and Finance. This course is offered to final year students to give them additional training and equip them with professional knowledge before they enter the corporate sector.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Amit Malik	B.Com.	I
Preeti Mukhia	B.B.E.	I

Library Development

Total Budget	:	Rs. 606,542.00
Books added	:	2,550
Journals subscribed	:	3

New Additions

Ms. Preeti Tangria, Lecturer - Commerce

Seminars/Conferences held

'Sri Guru Granth Sahib: A Repository of Global Consciousness', 15-16 November 2007.

'Sri Guru Gobind Singh: Life and Legacy', 24 January 2008.

Seminars/Conferences attended

Dr. J.B. Singh: Presented a paper on 'Agriculture Risk Management' at the 106th European Association of Agricultural Economics at Montpellier, France, in December 2007.

Dr. Rekha Sharma: Presented a paper on 'Gender and Food Security' in a Conference in Accra, Ghana.

Mr. Nirmal Singh: Presented a paper on 'Comparative Economic Development in Global Perspective' in an International Seminar at Delhi University.

Dr. (Mrs.) KawaI Gill: Presented a paper on 'Challenges and Opportunities of Globalization: A case study of Indian Retail Industry' in Oxford's 4th Academic Conference on Retailing in the Asia-Pacific, held at College of Management, Mahidol University, Bangkok, Thailand in September 2007.

Dr. Paramjit Kaur: Presented a paper on 'Determinants of Acquisition', in an International Conference organised by ICFAI Business School at Ahmedabad, 27-29 December 2007.

Publications

Books

Chaturvedi, D.D. *Principles of Micro Economics and Principles of Macro Economics.*

Dodrajka, S. *Total Quality Management: Text and Cases.*

Kaur, H. *Contemporary India.*

Singh, G. *Introduction to Computers for Library Professionals.*

Research Articles

Kaur, P. 2007. 'Growth Acceleration in India in Post Reform Period'. *Economic and Political Weekly*, April, 2007.

Kaur, M. 'Barah Maha Majh' (based on the Bani of Guru Arjan Dev), in *Gurbani Chanan.*

SHAHEED BHAGAT SINGH COLLEGE

Major Activities

The annual Geo-fest 'Vasundhara' was inaugurated by Dr. N.A. Siddique, ex-Principal of the College. He spoke at length on the 'Changing Environment with its implication on Population'. Dr. Pradip Kumar from Indira Gandhi National Open University delivered a speech on 'NGOs and Development'.

Library Development

Total Budget	:	Rs. 2,55,000.00
Books added	:	450
Journals subscribed	:	35

Seminars/Conferences attended

Dr. Suman Bala: Presented a paper on Jhumpa Lahiri's *Namesake* at University of Nottingham, UK, in July 2007. Subsequently, she presented a paper at the International Commonwealth Literature Conference, University of British Columbia, Vancouver, Canada.

Dr. B.C. Sehgal, Dr. S.B. Saxena, Dr. G.K. Kapoor and Dr. N.K. Kalra: Attended an International Seminar organised by the All India Accounting Association at Jodhpur in January 2008.

Mr. Anand Prakash: Presented a paper at the 9th International Conference on 'Management of Transformation'.

Mr. Jayesh Adeshra: Attended an International Seminar on Canadian Studies organised by Pacific Asia, Network of Canadian Studies and Indian Association for Canadian Studies, Jawahar Lal Nehru University, 3 November 2007.

Publication

Gulati, P.A. 2007. 'Implications for Library and Information Service: A Study of India's IT Revolution and Public Policies', Proceedings of the International Conference on Libraries, Information and Society, Malaysia.

SHAHEED BHAGAT SINGH COLLEGE (EVENING)

Major Activities

The Shaheed Bhagat Singh Memorial Lecture was delivered on 23 March 2008 by Prof. Syed Irfan Habib, an eminent historian and authority on Shaheed Bhagat Singh.

The Department of Geography organised a National Workshop on 'Management of Resources (water, forest and land) for Government and stakeholders', sponsored by UGC, on 24-25 December 2007 at Jogimarhi and Uffrainkhal, Pauri Garhwal, Uttarakhand.

Library Development

Books added : 2,000

Appointment of faculty members to higher Posts/Assignments

Dr. Ajay Mehra, Reader, Department of Political Science: Appointed Professor in Jamia Millia Islamia, New Delhi, Dr. K.R. Narayanan Chair for Dalit Studies.

Seminars/Conferences attended

Dr. B.W. Pandey: Invited to give a talk at Hokkaido University, Japan, and Oxford University (UK).

Dr. H.K. Singh: Attended an International Seminar on India-Australia Relations at India Habitat Centre, New Delhi.

Publications

Kar, R.N. 2007. *Corporate Mergers and Acquisitions: Strategies, Regulations and Practices.* New Delhi: Jain Book Agency.

Khurana, P.K. 2007. *Export Management*, 7th edition. New Delhi: Galgotia Publishing Co.

Dubey, C.S. 2007. *Substance of Shadows.* New Delhi.

Pandey, B.W. *Ecology of Land Resources: Planning and Management.*

ST. STEPHEN'S COLLEGE

Major Activities

In the last 127 years, the College has contributed most significantly to Delhi University and to nation building. The College has maintained a rich tradition of academic excellence and holistic development of its junior members.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Isawanda Ladoo	B.A. (Hons.) English	III
Anisha Sharma	B.A. (Hons.) Economics	III
Garima Mohan	B.A. (Hons.) History	II
Meghna Chaudhury	B.A. (Hons.) History	II
Promila Khatri	B.A. (Hons.) Sanskrit	I
Divya Bhambri	Mathematics (Hons.)	III
Kriti	B.Sc. Programme	I
Tanmay Lascar	B.Sc. (Hons.) Physics	II
Aditi Gupta	B.Sc. (Hons.) Chemistry	II
Devyani Gupta	M.A. History	I
Raghav Sharma	M.A. History	II
Mahima Manchanda	M.A. History	III
Shankar D. Pandey	M.A. Sanskrit	I
Prachi Singh	M.A. Sanskrit	II
Preeti Chopra	M.Sc. Mathematics	III
Komal Aggarwal	M.A. Operational Research	I
Meenakshi Tulsian	M.A. Operational Research	II
Ankita Thukral	M.A. Operational Research	III

Library Development

Total Budget	:	Rs. 8,71,920.00
Books added	:	1,300
Journals subscribed	:	51 Journals

Appointment of faculty members to higher Posts/Assignments

Dr. Parvesh Sharma: Appointed Research Associate (Post-Doctoral Associate) at University of Florida, USA.

Dr. Karen Gabriel: Appointed Senior Fellow on deputation to the Centre for Women's Development Studies.

Dr. Sanjeev Agrawal: Took up assignment as Professor at the Mathematical Sciences Foundation, Delhi.

Publications

Wanchoo, R. and Williams, M. *Representing India*. Delhi: Oxford University Press.

Gopalan, M. 2008. 'The Jesuits in the Southern Coromandel: The late Sixteenth and early Seventeenth Centuries' in *The Portuguese in India during the 16th and 17th Centuries*, (ed.) Sharma, Y. and Ferreira, J. Delhi: Viva Publishers.

Eswaran, S.V. 2008. 'Cashewnut Shell Liquid based t-BOC Protected Alternating 'High ortho copolymer as a possible e-beam resist: Characterization using multi-dimensional NMR Spectroscopy'. *Journal of Applied Polymer Science*, (John Wiley & Sons), 108: 804-10.

SWAMI SHRADDHANAND COLLEGE

Major Activities

The Department of Microbiology organised an event 'EICOSA: Two Decades of Microbiology at Swami Shradhanand College' on 4 December 2007 in the College premises. The event was co-sponsored by DBT. The Vice-Chancellor of Delhi University inaugurated the event. On this occasion, a Souvenir and an Alumni Directory of Microbiologists of Swami Shradhanand College were released.

Student Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Pinki Rani Dhull	B.Sc. (Hons.) Microbiology	I

Library Development

Books added : 4,000 approx.

New Additions

Mrs. Kiran Dabas - Geography

Seminars/Conferences held

The Department of History organised a two-day National Seminar on 'Culture in India Subcontinent' in the Main Campus of Delhi University, 21-22 February 2008.

The Department of Sanskrit organised a Seminar on 'The Indian Philosophy and Ethics'.

The Department of Physics organised a one-day Seminar on 'New Age Career Opportunities' in collaboration with ICFAI University, 21 February 2008.

Seminars/Conferences held

Dr. S.K. Srivastava: Attended an Indo-US Conference on Avian Influenza, New Delhi, October 2007.

Dr. Anjana Kapoor: Attended a Seminar on 'A Global Overview of Biotech/GM Crop 2007', Department of Botany, Delhi University, 21 February 2008.

Dr. A.K. Dubey: Participated in a National Seminar organised by Himalaya Parivar, December 2007.

Mrs. Shveta Kundra Bhatia: Attended an International Conference on Modeling and Simulation, Kolkata, 3-5 December 2007.

Dr. G.K. Parashar: Attended an Indo-Australian Symposium on 'Multi-functional Nanomaterials and Nanostructure and Applications', Delhi University, 19-21 December 2007.

Mr. Pankaj Lakhera: Participated in a two-day International Seminar on 'Indo-US Civil Nuclear Deal', India Habitat International Centre, New Delhi.

Dr. S.K. Dhingra: Participated in a National Seminar on the state of Indian literature organised by the Authors Guild of India, 24-26 December 2007.

Mrs. Saudamini Dass: Gave an oral presentation on 'Value of Mangroves in Reducing Human Casualties During Cyclones' at the National Conference on 'Expanding Freedom: Towards Social and Economic Transformation in a Globalizing World' at the Institute of Economic Growth, Delhi University, 11-13 April 2007.

Dr. P.V. Khatri: Attended an International Conference organised by the Indian Society of International Law, New Delhi, October 2007.

Dr. Neelam Sawhney, Dr. Neena Dhiman, Dr. Renu Garg, Dr. Geeta Saxena and Dr. Sadhana Babbar: Attended a one-day National Seminar on GM crops.

Dr. Praveen Garg: Presented a paper on 'Wasteland Management through Mushroom Cultivation' in Mushroom Conference, 16 March 2008.

Dr. J.L. Bhat: Delivered the Keynote Address on 'Biodiversity Conservation' at a National Seminar organised by Himalaya Parivar in December 2007. He delivered another Keynote Address in a Seminar on 'Solid Waste Management', 15 March 2007.

VIVEKANANDA COLLEGE

Major Activities

Major repairs and renovation were carried out and a space created where students could read and study with pleasure and concentration. The state-of-the-art Computer Laboratory is being put to good use by students for their regular classes and for research inputs for their assignments and projects. Each classroom has the timetable displayed prominently at the entrance to facilitate efficiency and productivity.

New Courses/Subjects Introduced

Fitness, Aerobics and Gym Operations, an Application Course for B.A. (Programme)

French and Spanish for B.A. (Programme)

Add-on course in Communication Skills

Typing and Shorthand Course under the aegis of the Adult & Continuing Education Cell.

Students Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Rama Chaudhary	B.A. (Hons.) Hindi	III
Nidhi Aggarwal	B.A. (Hons.) Sanskrit	II
Kanika Jindal	B.A. (Hons.) Applied Psy.	III

Library Development

Total Budget	:	Rs. 2,81,537 (OP) + Rs. 1,00,000 (NR) = Rs. 3,81,537.00
Books added	:	960
Journals subscribed	:	61

New Addition

Dr. Anjana N. Dev - Principal

Seminar/Conference attended

Dr. Anuradha Gupta: Attended the 53rd All India Conference on 'Developing Library and Information Resources in Internet Era', Hyderabad, 13-16 December 2007.

ZAKIR HUSAIN COLLEGE

Major Activities

In order to preserve rare documents and manuscripts pertaining to the history of the College, a new section in the library, 'The Delhi College Archives', was inaugurated. On the occasion of the 29th Zakir Husain Memorial Lecture which was delivered by the well known Urdu writer Intizar Husain, the Zakir Husain Memorial Lectures were launched simultaneously in three languages.

New Courses/ Subjects Introduced

Concurrent Language Credit Course

Creative Writing for B.A. (Programme) III Year

Polymer Science for B.Sc. Life Sciences and Physical Sciences.

Entrepreneurship, Computerized Accounting System, Entrepreneur Resource Planning, Entrepreneurship and Small Business.

History of Sanskrit Literature

Student Academic Distinctions

<i>Name</i>	<i>Course</i>	<i>Position in the University</i>
Zayau Rahman	M.A. (Persian)	I

Library Development

Total Budget	:	Rs. 11,95,000.00
Books added	:	2,600
Journals subscribed	:	30

Appointment of faculty member to higher Posts/Assignments

Dr. M.N. Thakur: Joined Jawaharlal Nehru University as Associate Professor.

Dr. G.K. Arora: Joined Dr. B.R. Ambedkar College as Principal.

Seminar/Conference held

The Department of Political Science hosted a National Seminar on 'Re-Imagining India: Exclusion and Inclusion'.

Seminars/Conferences attended

Dr. Gopa Dey: Participated in two National Seminars and a Workshop on Creative Writing, Delhi University.

Dr. Reeta Khosla: Participated in a National Seminar on Climate Change, Ministry of Environment and Forests.

Dr. Sangeeta Pandita: Participated in the 9th National Symposium of the Chemical Research Society of India and in a DST sponsored Workshop on Green Chemistry Education, at Delhi.

Dr. Mohammad Rizwan Ahmad: Participated in the 60th All India Commerce Conference, Osmania University, Hyderabad.

Ms. Shirin Akhter, Department of Economics: Presented a paper at an International Seminar at Jamia Millia Islamia, New Delhi.

Dr. P.K. Sisodia: Participated in the Indo-Australia Symposium at Delhi University, and in a National Seminar on Nanomaterials and Devices at Jamia Milia Islamia, New Delhi.

Dr. Bijoy Kumar Kuanr: Participated in an International Conference on Nano-Devices, Denver, Colarado, USA.

Dr. Jameel-Ur-Rehman Khan: Presented papers at an International Conference on 'Revisiting Persian Sources from Indian Culture and History', and at Haryana Urdu Academy's celebration of Maulana Jalaludin Rumi's 800th Birth Anniversary.

Dr. Janshed Khan and Dr. Malik Saleem Javed: Participated in an International Conference on 'Revisiting Persian Sources from Indian Culture and History'.

Publications

Books

Khan, S. *Manjul Bhagat Ke Katha Sahitya Mein Nari.*

Marwah, A. *Dirty Pictures.*

Sen, S. *Bangla Sahitye Bidhava Critran.*

Shankar, U. *State Building in Afghanistan: Linkages with International Politics.*

Research Articles

Farooqi, A.W. Contributed on Article in *Finance India.*

Pandita, S., et. al. Contributed papers in 'Resonance' and 'The Chemical Educator'.

Gautam, S. Contributed papers in Schopenhauer Society, Frankfurt, Germany, and in ICPR Journal.

Shishodia, P.K. Contributed papers in *Journal of Photoluminescence* and in *Applied Surface Science.*

Siddiqi, S.H. Contributed paper in *Qand-e-Parsi.*

Zafir, N. Translation of Bilkees Hussan in 'Creative Forum'.

ZAKIR HUSAIN POST GRADUATE (EVENING) COLLEGE

New Subject Introduced

Computer Application and Mass Communication

Library Development

Total Budget	:	Rs. 5,83,000.00
Number of books added	:	902
Journals subscribed	:	22

Seminars/Conferences attended

Mr. Rajani Kant Verma: Presented a paper on 'Financial Markets in India and Japan: Changing Perspectives', National Seminar on 'Harnessing India-Japan Bilateral Partnership' at Tagore Hall, North Campus, Delhi University, 7-8 February 2008.

Mr. Sharad Ranjan: Presented a paper on 'The Impact of Globalisation on Employment Opportunities: An Evidence' under the theme 'Growth Theory and Globalisation of India', 90th Annual Conference of the Indian Economic Association.

Mr. Parveen Kumar Priyadarshi: Presented two papers 'Displaced Persons of Ahmedabad' in a Capetown Conference, 20-24 August 2007, and 'Migration from Bihar' at the Centre for Policy Research, Delhi, 20-21 February 2008.

Mr. Rajanikant Verma: Attended an International Conference on 'India and China's Role in International Trade and Finance and Global Economic Governance', organised by ICRIER, New Delhi, 4 December 2007.

Mr. Asmi Raza: Participated in an International Conference on Mediterranean Diet and Health organised by UNDP, 11-12 December 2007.



85th
ANNUAL REPORT
2007-2008

PART - II
(MISCELLANEOUS AND STATISTICS)



UNIVERSITY OF DELHI

CONTENTS

	<i>Page</i>
Members of Statutory Bodies of the University	
The Court	1
The Executive Council	14
The Academic Council	16
The Finance Committee	22
Teaching Staff	
Appointments	23
Non-teaching Staff	
Obituaries	24
Appointments	25
Extension of Service	26
Leave	26
Retirement	26
Voluntary Retirement	28
Resignation	28
Deputation	28
Members of the Faculties	
Arts	29
Science	33
Law	37
Medical Sciences	37
Technology	44
Social Sciences	46
Music and Fine Arts	49
Mathematical Sciences	50
Education	53
Commerce & Business	54
Inter-Disciplinary and Applied Sciences	56
Ayurvedic and Unani Medicines	56
Management Studies	57

	<i>Page</i>
Members of the Board of Research Studies	
Humanities	57
Science	62
Law	63
Medical Sciences	63
Technology	65
Inter-Disciplinary and Applied Sciences	65
Management Studies	66
Music and Fine Arts	66
Education	66
Ayurvedic Medicine	66
University Representatives	
Governing Bodies on the Colleges/Hostels	67
Statistics	S-1--S-154

MISCELLANEOUS

MEMBERS OF STATUTORY BODIES OF THE UNIVERSITY

THE COURT

Statute 2(1)(i)

Chancellor

Hon'ble Shri Bhairon Singh Shekhawat — (up to 10.08.2007)
Hon'ble Mohd. Hamid Ansari — (w.e.f. 11.08.2007)

Statute 2(1)(ii)

Pro-Chancellor

Justice K.G. Balakrishnan

Statute 2(1)(iii)

Vice-Chancellor

Professor Deepak Pental

Statute 2(1)(iv)

Pro-Vice-Chancellor

Professor S.K. Tandon

Statute 2(1)(v)

Dean of Colleges

Professor (Ms.) Shirin Rathore — (up to 06.07.2007)
Professor (Ms.) Nayanjot Lahiri — (w.e.f. 22.08.2007)

Statute 2(1)(vi)

Director, South Delhi Campus

Professor Dinesh Singh

Statute 2(1)(vii)

Treasurer

Mrs. Janaki Kathpalia

Statute 2(1)(viii)

Ex-Vice-Chancellors

Professor K.N. Raj
Professor Upendra Baxi
Professor Vrajendra Raj Mehta
Professor Deepak Nayyar

Statute 2(1)(ix)

Librarian

Dr. Suprabhat Majumdar

Statute 2(1)(x)

Proctor

Professor Gurmeet Singh

Statute 2(1)(xi)***Dean, Students' Welfare***

Professor S.K. Vij

Statute 2(1)(xii)***Heads of the Departments***

Professor (Ms.) Shormishtha Panja	English	
Professor (Ms.) Dipti Tripathi	Sanskrit	(up to 21.03.2008)
Professor M.M. Aggarwal	Sanskrit	(w.e.f. 22.03.2008)
Professor Nirmalangshu Mukherji	Philosophy	(up to 30.04.2007)
Professor Ashok Vohra	Philosophy	(w.e.f. 01.05.2007)
Professor (Ms.) Shaswati Mazumdar	Germanic & Romance Studies	(up to 31.01.2008)
Professor (Ms.) Vibha Maurya	Germanic & Romance Studies	(w.e.f. 01.02.2008)
Dr. (Ms.) Shashi Prabha Singh	Library & Information Science	(up to 04.12.2007)
Dr. Rakesh Kumar Bhatt	Library & Information Science	(w.e.f. 05.12.2007)
Professor R.K. Gautam	Hindi	(up to 12.09.2007)
Professor Sudhish Pachauri	Hindi	(w.e.f. 13.09.2007)
Professor N.M. Kamal	Urdu	
Professor (Ms.) Nandita Basu	M.I.L. & Literary Studies	(up to 15.03.2008)
Professor P.C. Patnaik	M.I.L. & Literary Studies	(w.e.f. 16.03.2008)
Professor Bikshu Satyapala	Buddhist Studies	
Professor R.C. Sharma	Linguistics	(up to 31.08.2007)
Professor Ravindra Gargesh	Linguistics	(w.e.f. 01.09.2007)
Professor (Ms.) Ashum Gupta	Psychology	
Professor Mohd. Nauman Khan	Arabic	
Professor Chander Shekhar	Persian	
Professor Kuljit Shellie	Punjabi	
Professor M.P. Srivastava	Physics & Astrophysics	(up to 15.11.2007)
Professor D.S. Kulshrestha	Physics & Astrophysics	(w.e.f. 16.11.2007)
Professor N.K. Kaushik	Chemistry	(up to 30.04.2007)
Professor V.S. Parmar	Chemistry	(w.e.f. 01.05.2007)
Professor Surinder Nath	Anthropology	(up to 30.12.2007)
Professor P.K. Ghosh	Anthropology	(w.e.f. 01.01.2008)
Professor V.K. Bhasin	Zoology	(up to 07.11.2007)
Professor Rup Lal	Zoology	(w.e.f. 08.11.2007)
Professor A.K. Bhatnagar	Botany	
Dr. (Ms.) Anupa Sidhu	Home Science	
Professor Anand Mohan Bhola	Geology	
Professor B.P. Srinivasan	Pharmacy	
Professor Nomita Aggarwal	Law	(up to 30.06.2007)
Professor S.N. Singh	Law	(w.e.f. 01.07.2007)
Professor M.S. Bhatia	Psychiatry (UCMS)	(up to 06.01.2008)
Professor R.C. Jiloha	Psychiatry (MAMC)	(w.e.f. 07.01.2008)

Professor K.K. Banerjee	Forensic Medicine (UCMS)	(up to 29.07.2007)
Professor N.K. Agarwal	Forensic Medicine (UCMS)	(w.e.f. 30.07.2007)
Professor (Ms.) Suneela Garg	Community Medicine (MAMC)	
Professor V.K. Ramteke	Surgery (MAMC)	(up to 29.10.2007)
Professor Amit Banerjee	Surgery (MAMC)	(w.e.f. 30.10.2007)
Professor P. Kar	Medicine (MAMC)	(up to 08.01.2008)
Professor Sachin Kumar Jain	Medicine (LHMC)	(w.e.f. 09.01.2008)
Professor (Ms.) Usha Rusia	Pathology (UCMS)	
Professor (Ms.) Usha Manaktala	Obstet. & Gynaecology (MAMC)	
Professor Arunabha Roy	Pharmacology (VPCI)	
Professor Gopesh Mehrotra	Radiology (UCMS)	
Professor (Ms.) Suman Bala Sharma	Medical Bio-Chemistry (UCMS)	
Professor Shipra Paul	Anatomy (MAMC)	(up to 20.01.2008)
Professor Kamlesh Khatri	Anatomy (UCMS)	(w.e.f. 21.01.2008)
Professor Anil Kumar Dhall	Orthopaedics (MAMC)	
Professor Geeta Mehta	Medical Microbiology (LHMC)	
Professor K. Ravi	Physiology (VPCI)	(up to 17.09.2007)
Professor Savita Singh	Physiology (UCMS)	(w.e.f. 18.09.2007)
Professor Vijay Kumar	Dermatology & Venereology (MAMC)	(up to 18.06.2007)
Professor (Ms.) Archana Singhal	Dermatology & Venereology (UCMS)	(w.e.f. 19.06.2007)
Professor B. Ghosh	Ophthalmology (MAMC)	
Professor S.K. Chhabra	Pulmonary Medicine (VPCI)	
Professor (Ms.) Satinder Aneja	Paediatrics (LHMC)	
Professor P.P. Singh	Otorhinolaryngology (UCMS)	
Professor Ajay Kumar Jain	Anaesthesiology (UCMS)	
Professor Bharati Baveja	Education	
Professor Sagar Maji	Mechanical Engineering (DCE)	
Professor Pramod Kumar	Electrical Engineering (DCE)	
Professor Santosh Kumar Singh	Civil Engineering (DCE)	
Professor Ashok De	Electronics & Communication Engineering (DCE)	
Professor C.K. Datta	Production & Ind. Engg. (DCE)	(up to 04.10.2007)
Professor Suresh Kumar Garg	Production & Ind. Engg. (DCE)	(w.e.f. 05.10.2007)
Professor D. Roy Choudhary	Computer Engg. (DCE)	(up to 04.01.2008)
The Dean, Faculty of Technology	Computer Engineering (DCE)	(w.e.f. 05.01.2008)
Professor J.R.P. Gupta	Instrumentation & Control Engineering (NSIT)	
Professor S.C. Panda	Economics	
Professor B.P. Sahu	History	(up to 30.06.2007)
Professor Saiyid Zaheer Husain Jafri	History	(w.e.f. 01.07.2007)
Professor (Ms.) Snehlata Tandon	Social Work	

Professor Bidyut Chakrabarty	Political Science	(up to 14.10.2007)
Professor Achin Vanaik	Political Science	(w.e.f. 15.10.2007)
Dr. Jagdish Prasad Sharma	African Studies	(up to 04.05.2007)
Dean, Faculty of Social Science	African Studies	(w.e.f. 11.05.2007)
Professor (Ms.) Meenakshi Thapan	Sociology	(up to 22.07.2007)
Professor (Ms.) Rajni Palriwal	Sociology	(w.e.f. 23.07.2007)
Professor H. Ramachandran	Geography	
Professor (Ms.) Sreemati Chakrabarti	East Asian Studies	
Professor N.K. Chadha	Adult Continuing Education & Extension	
Professor (Ms.) Gita Paintal	Music	(up to 08.07.2007)
Professor (Ms.) Anjali Mittal	Music	(w.e.f. 09.07.2007)
Professor S.C. Arora	Mathematics	
Professor Manju Lata Aggarwal	Operational Research	
Dr. (Ms.) Punam Bedi	Computer Science	
Professor M.C. Aggarwal	Statistics	
Professor J.K. Mitra	Business Management & Industrial Administration	
Dr. Ahmad Yasin	Unani Medicine	(up to 14.09.2007)
Dr. Abdul Hafeez	Unani Medicine	(w.e.f. 15.09.2007)
Dr. B. N. Sinha	Ayurvedic Medicine	(up to 21.07.2007)
Dr. C.P. Dubey	Ayurvedic Medicine	(up to 04.11.2007)
Dr. K.K. Sijoria	Ayurvedic Medicine	(w.e.f. 12.11.2007)
Professor Debi P. Sarkar	Bio-Chemistry	
Professor Ramesh Chand Kuhad	Microbiology	
Professor (Ms.) Sheela Srivastava	Genetics	
Professor P. Pardha Saradhi	Environmental Biology	
Professor Anand Kumar Verma	Electronic Science	
Professor Madhusudan	Bio-Physics	
Professor (Ms.) Paramjit Khurana	Plant Molecular Biology	(up to 28.10.2007)
Professor Anil Grover	Plant Molecular Biology	(w.e.f. 29.10.2007)
Dr. (Ms.) Kiran Sandhu	Physical Education & Sports Sciences	
Dr. V.K. Kaul	Business Economics	(up to 28.09.2007)
Dr. (Ms.) Aradhana Aggarwal	Business Economics	(w.e.f. 29.09.2007)
Professor S.K. Vij	Slavonic & Finno-Ugrian Studies	
Professor Sanjay Kumar Jain	Commerce	
Professor Muneesh Kumar	Financial Studies	(up to 08.07.2007)
Professor Sanjay Sehgal	Financial Studies	(w.e.f. 09.07.2007)
Dr. H.C. Pokhriyal	Distance & Continuing Education	

Statute 2(1)(xiii)

Principals of the Colleges

Dr. Savithri Singh	Acharya Narendra Dev College
Dr. Usha Tuteja	Agricultural Economics Research Centre
Dr. (Ms.) Veenu Bhalla	Aditi Mahavidyalaya
Dr. Kavita Bhatia	Atma Ram Sanatan Dharma College
Dr. Ahmad Yasin	Ayurvedic & Unani Tibbia College
Dr. Purbi Saikiya	Bhagini Nivedita College for Women
Dr. (Ms.) Pramodini Verma	Bharati College
Dr. Jai Prakash	Bhaskaracharya College of Applied Sciences
Dr. G.K. Arora	Bhim Rao Ambedkar College
Dr. Inderjeet Dagar	College of Vocational Studies
Shri. M. Vijayamohan	College of Art
Professor S.S. Aggarwal	Delhi Institute of Pharmaceutical Sciences & Research
Dr. Suresh Kumar Garg	Deen Dayal Upadhyaya College
Dr. M.S. Rawat	Delhi College of Arts & Commerce
Dr. A. Bhattacharya	Delhi College of Engineering
Dr. A.P. Raste	Deshbhandhu College
Dr. Inderjeet Singh Bakshi	Dyal Singh College
Dr. (Ms.) Kanan Nanda	Daulat Ram College (w.e.f. 12.06.2007)
Dr. (Ms.) Meera Ramachandra	Gargi College
Dr. S.R. Arora	Hans Raj College
Dr. (Ms.) Kavita A. Sharma	Hindu College
Dr. D.K. Kansal	Indira Gandhi Instt. of Physical Education & Sports Sciences
Dr. V.M. Arora	Indraprastha College for Women
Dr. (Ms.) Kumud Khanna	Institute of Home Economics
Dr. (Ms.) Indu Anand	Janki Devi Memorial College
Dr. (Sr.) Marina John RJM	Jesus & Mary College
Dr. Bhim Sen Singh	Kirori Mal College
Dr. Ajay Kumar Arora	Keshav Mahavidyalaya
Dr. Santosh Sachdev	Kalindi College
Dr. (Ms.) Minoti Chatterjee	Kamala Nehru College for Women
Dr. G.K. Sharma	Lady Hardinge Medical College
Dr. Anupa Sidhu	Lady Irwin College
Dr. (Ms.) Meenakshi Gopinath	Lady Shri Ram College for Women
Dr. (Ms.) Karuna Kaushik	Lakshmibai College
Dr. (Mrs.) Satnam Kaur	Mata Sundri College for Women
Dr. (Ms.) Savita M. Dutta	Maitreyi College
Professor A.K. Aggarwal	Maulana Azad Medical College
Professor Pratibha Jolly	Miranda House
Dr. Ramesh Chand Sharma	Moti Lal Nehru College

Dr. (Ms.) Prabhjot S. Kulkarni	M.V. College of Education
Dr. Sunil Sondhi	Maharaja Agrasen College
Professor Ranjit Singh	Netaji Subhash Institute of Technology
Dr. V.K. Khanna	Nehru Homoeopathic Medical College (up to 05.07.2007)
Dr. Anil Kumar Malhotra	Nehru Homoeopathic Medical College
Dr. P.K. Jain	PGDAV College
Dr. Vijay Laxmi Pandit	Rajdhani College
Dr. D.K. Pabby	Ram Lal Anand College
Dr. Rajendra Prasad	Ramjas College
Dr. K.P. Bhatt	Satyawati College
Dr. P.K. Khurana	Shaheed Bhagat Singh College
Dr. Jaspal Singh	Sri Guru Gobind Singh College of Commerce
Dr. Jaswinder Singh	Sri Guru Tegh Bahadur Khalsa College
Dr. (Ms.) Manmohan Kaur	Sri Guru Nanak Dev Khalsa College (w.e.f. 01.11.2007)
Dr. Rajesh Mohan	Shivaji College
Dr. (Ms.) S. Lakshmi Devi	Shaheed Rajguru College of Applied Sciences for Women
Dr. P.C. Jain	Shri Ram College of Commerce
Dr. (Ms.) S.K. Jolly	Shyama Prasad Mukherji College for Women
Dr. M.K. Razdan	Shyam Lal College
Dr. Hari Om	Sri Aurobindo College
Dr. A. Shankra Reddy	Sri Venkateswara College
Dr. S.K. Goyal	Shaheed Sukhdev College of Business Studies
Dr. J.L. Bhatt	Swami Shraddhanand College
Dr. H.C. Pokhriyal	School of Open Learning
Professor K.K. Sharma	University College of Medical Sciences
Dr. V.K. Vijayan	Vallabhbai Patel Chest Institute
Dr. Neera Jain	Vivekananda College
Dr. Mohd. Aslam Parvaiz	Zakir Husain College
Dr. Daman Saluja, Director	Dr. B.R. Ambedkar Centre for Bio Medical Research

Statute 2(1)(xiv)(a)

Professors other than Heads of the Departments

Professor Aruna Bhardwaj	Social Work
Professor Anupam Mahajan	Music
Professor Avinash Khare	Physics & Astrophysics
Professor A.K. Kalla	Anthropology
Professor Ajit Iqbal Singh	Mathematics
Professor Ashwani Kumar Bansal	Law Centre-I
Professor Ashwani Deshpande	Economics

Professor A.K. Bakshi	Chemistry
Professor Aditya Bhattacharjea	Economics
Professor Amar Farooqui	History
Professor Anil Kumar Tyagi	Bio-Chemistry
Professor Ashok Kumar Singh	Zoology
Professor Ashok Nagpal	Psychology
Professor Amitabha Mukherjee	Physics & Astrophysics
Professor Akhilesh Kumar Tyagi	Plant Molecular Biology
Professor Aruna Broota	Psychology
Professor Anand Prakash	Psychology
Professor A.K. Kapoor	Anthropology
Professor Avinashi Kapoor	Electronic Science
Professor A.S. Narang	Business Management & Industrial Administration
Professor Ajay Kumar	Mathematics
Professor A.K. Kaul	Law Centre-II
Professor (Ms.) Anita Rampal	Education
Professor A.N. Maitra	Chemistry
Professor Alok Rai	English
Professor A. Marriappan	M.I.L. & Literary Studies
Professor A.K. Bansal	Statistics
Professor Ajay Kumar Tiwari	Hindi
Professor (Ms) Annapoomi Subramaniam	Physics & Astrophysics
Professor Akshay Kumar Pradhan	Genetics
Professor Ashok Kumar Seth	Commerce
Professor A.K. Maurya	Slavonic & Finno-Ugrian Studies
Professor Abhijit Sankar Dasgupta	Sociology
Professor Bidyut Chakarbarty	Political Science
Professor Brajesh Chandra Choudhary	Physics & Astrophysics
Professor Bal Kishan Das	Mathematics
Professor B.M. Tankha	East Asian Studies
Professor B.P. Sahu	History
Professor B.S. Garg	Chemistry
Professor Basu Dev Chatterjee	History
Professor B.L. Pandit	Economics
Professor B.K. Thelma	Genetics
Professor Baleshwar Thakur	Geography
Professor Chander Shekhar Dubey	Geology
Professor (Ms.) Davinder Bhatia	Operational Research
Professor Debajyoti Choudhury	Physics & Astrophysics
Professor (Ms.) Deepti Omchery Bhalla	Music
Professor D.M. Banerjee	Geology
Professor (Ms.) E.K. Sharma	Electronic Science
Professor Farat Hasan	History

Professor (Ms.) Gopa Bhardwaj	Psychology
Professor Girishwar Mishra	Psychology
Professor G.K. Chadha	Physics & Astrophysics
Professor Gurdip Singh	Law Centre-II
Professor (Ms.) Gita Paintal	Music
Professor Gulzari Lal Bhalla	Physics & Astrophysics
Professor Gopeshwar Singh	Hindi
Professor G.L. Pandit	Philosophy
Professor H.K. Trivedi	English
Professor Harvinder Pal Singh	Physics & Astrophysics
Professor H.S. Prasad	Philosophy
Professor Hari Mohan Sharma	Hindi
Professor (Ms.) I. Usha Rao	Botany
Professor Inderjit Singh	Centre for Environment Management of Degraded Ecosystem
Professor Indranil Dasgupta	Plant Molecular Biology
Professor Jawahar Lal Kaul	Campus Law Centre
Professor Jawahar Lal	Commerce
Professor J.P. Sharma	Commerce
Professor J.P. Khurana	Plant Molecular Biology
Professor J.P. Srivastva	Geology
Professor Jintender Mohan Khurana	Chemistry
Professor Jagdish Saran	Statistics
Professor K. Mamkoottam	Business Management & Industrial Administration
Professor K. Sundram	Economics
Professor Krishna Kumar	Education
Professor K.M. Shrimali	History
Professor Kondapudy Sreenivas	Physics & Astrophysics
Professor Kasturi Lal Baluja	Physics & Astrophysics
Professor (Ms.) Krishna Maitra	Education
Professor (Ms.) Krishna Bisht	Music
Professor K. Muralidhar	Zoology
Professor K.D. Paliwal	Hindi
Professor K.V. Bhanumurthy	Commerce
Professor K.N. Tripathy	Electronic Science
Professor K.T.S. Sarao	Budhist Studies
Professor M.K. Pandit	Inter-disciplinary Studies of Mountain and Hill Environment
Professor Mool Chand Sharma	Campus Law Centre
Professor M.M. Aggarwal	Sanskrit
Professor (Ms.) Monika Dutta	Chemistry
Professor (Ms.) Madhu Bhalla	East Asian Studies

Professor Madan Mohan Chaturvedi	Zoology	
Professor Madan Mohan	Plant Molecular Biology	
Professor Madhu Vij	Business Management & Industrial Administration	
Professor M.P. Singh	Political Science	
Professor Mazaahir Kidwai	Chemistry	
Professor (Ms.) Manju Jain	English	
Professor (Ms.) Malashri Lal	English	
Professor Mihir Deb	Geology	
Professor Manjushree Tyagi	Music	
Professor M.P. Sachdeva	Anthropology	
Professor (Ms.) Madhu Bala Saxena	Music	
Professor M.L. Singla	Business Management & Industrial Administration	
Professor M.P. Srivastava	Physics & Astrophysics	
Professor Meenakshi Thapan	Sociology	
Professor M. Venkat Rajan	Genetics	(w.e.f. 20.08.2007)
Professor Muneesh Kumar	Financial Studies	
Professor Mahesh Rangarajan	History	(w.e.f. 20.08.2007)
Professor N.D. Mirajkar	MIL & Literary Studies	(up to 03.12.2007)
Professor (Ms.) Najma Parveen Ahmad	Music	
Professor N.K. Kaushik	Chemistry	
Professor (Ms.) Nandini Sunder	Sociology	
Professor (Ms.) Nargis Jahan	Persian	
Professor Nirmalangshu Mukherjee	Philosophy	
Professor (Ms.) Neera Chandhoke	Political Science	
Professor (Ms.) Nomita Aggarwal	Campus Law Centre	
Professor (Mrs.) Poonam Saxena	Law Centre-II	
Professor P.K. Jain	Mathematics	
Professor (Ms.) Poonam Batra	Education	
Professor Pulin B. Nayak	Economics	
Professor P.C. Joshi	Anthropology	
Professor P.K. Verma	Geology	
Professor P.K. Kapur	Operational Research	
Professor P.K. Bhatnagar	Electronic Science	
Professor Pammi Dua	Economics	
Professor Patrick Dasgupta	Physics & Astrophysics	
Professor Pawan Kumar Mathur	Chemistry	
Professor Prahlad C. Ghosh	Bio-Chemistry	
Professor P.N. Kapoor	Chemistry	
Professor Partha Sen	Economics	
Professor (Ms.) Paramjit Khurana	Plant Molecular Biology	
Professor Raghuvir Singh	Physics & Astrophysics	
Professor Rama Mathew	Education	
Professor Rita Kakkar	Chemistry	

Professor R.K. Nagpal	Slavonic & Finno Ugrian Studies
Professor Rajendra Kumar Saxena	Microbiology
Professor Rajiva Verma	English
Professor R.M. Mehra	Electronic Science
Professor R.C. Sharma	Linguistics
Professor (Mrs.) Rehana Khatoon	Persian
Professor R.D. Gaiha	Business Management & Industrial Administration
Professor R.K. Gautam	Hindi
Professor R.K. Agnihotri	Linguistics
Professor Rajeev Khanna	Campus Law Centre
Professor R.P. Tandon	Physics & Astrophysics
Professor Rohini Somanathan	Economics
Professor Raj S. Dhanker	Business Management & Industrial Administration
Professor Ramesh Chandra Rastogi	Chemistry
Professor R.C. Thakran	History
Professor Ramphal Rana	History
Professor (Ms.) Rashmi Aggarwal	Business Economics
Professor R.S. Gupta	Electronic Science
Professor (Ms.) Satwanti Kapoor	Anthropology
Professor (Ms.) Suneera Kasliwal	Music
Professor (Ms.) Sushila Narsimhan	East Asian Studies
Professor S.M.S. Chauhan	Chemistry
Professor S.L. Malik	Anthropology
Professor (Ms.) Subhadra Channa	Anthropology
Professor (Mrs.) S. Rathore	Financial Studies
Professor Sumanyu Satpathy	English
Professor Surender Nath	Anthropology
Professor S.K. Sindhwani	Chemistry
Professor (Ms.) S.B.F. Husaini	Persian
Professor Satya Narayan Tulsi	Microbiology
Professor Sambudha Sen	English
Professor (Ms.) Shashi Prabha Singh	Library & Information Science
Professor Sanjay Jain	Physics & Astrophysics
Professor S.K. Sawhney	Botany
Professor S.K. Aggarwal	Geography
Professor Subrata Mukherjee	Political Science
Professor Subash Chand Jain	Chemistry
Professor S.N. Raina	Botany
Professor (Ms.) S.K. Verma	Campus Law Centre
Professor Sudhir A. Shah	Economics
Professor Subhash Chander Raina	Campus Law Centre
Professor Sharif Hussain Qasemi	Persian
Professor Shobit Majahan	Physics & Astrophysics

Professor (Ms.) Sushma Batra	Social Work
Professor S.R. Yadav	Botany
Professor Sanjay Bhatt	Social Work
Professor Sunita Singh Sengupta	Business Management & Industrial Administration
Professor S.C. Bhatla	Botany
Professor S.P. Tiwari	Physics & Astrophysics
Professor Shirshendu Chakrabarti	English
Professor Shyam B. Menon	Education
Professor Syed Sadique Ali	Urdu
Professor Sunil Kanwar	Economics
Professor Shahid Amin	History
Professor Sunil Kumar	History
Professor Sunita Dhar	Music
Professor Sri Ram Khanna	Commerce
Professor Satish Deshpande	Sociology
Professor Shashwati Mazumdar	Germanic & Romance Studies
Professor T.C.A. Anant	Economics
Professor Tista Bagchi	Linguistics
Professor Talat Ahmad	Geology
Professor T.K. Venketasubramanian	History
Professor (Ms.) Tulsi Patel	Sociology
Professor Tapodhir Bhattacharjee	MIL & Literary Studies
Professor Tej Bahadur Singh	Mathematics
Professor Uma Garg	Music
Professor Usha S. Razdan	Law Centre-I
Professor Umesh Rai	Zoology
Professor Uday Kumar	English
Professor (Ms.) Upinder Singh	History
Professor V.K. Bhasin	Zoology
Professor Vijayanand Sharma	Geology
Professor V.K. Gupta	Law Centre-II
Professor V.K. Bhalla	Business Management & Industrial Administration
Professor Vijay Kapur	Business Management & Industrial Administration
Professor (Ms.) V. Radha	Music
Professor V.N. Bajpai	Geology
Professor Virginius Xaxa	Sociology
Professor Vijay Kumar Kaul	Business Economics
Professor Vivek Suneja	Business Management & Industrial Administration
Professor V.K. Srivastava	Anthropology
Professor (Ms.) Ved Kumari	Law Centre-I
Professor V.K. Chaudhry	Bio-Chemistry
Professor (Ms.) Veena Bakshi	Law Centre -I
Professor V.K. Gupta	Physic & Astrophysics
Professor (Ms.) Vibha Chaturvedi	Philosophy
Professor V.K. Sethi	Business Management & Industrial Administration
Professor Y.P. Singh	Commerce

Statute 2(1)(xiv)(b)***Professors from the Faculty of Medical Sciences***

Professor Usha Manaktala	Obstetrics & Gynaecology (MAMC)
Professor Rewa Tripathi	Obstetrics & Gynaecology (MAMC)
Professor O.P. Kalra	Medicine (UCMS)
Professor G.K. Sharma	Forensic Medicine (LHMC)
Professor Raktima Anand	Anaesthesiology (MAMC)

Statute 2(1)(xiv)(c)***Professors from the Faculty of Technology***

Professor Ashok De	Electronics & Communication Engineering
Professor Ashok Bhattacharya	Electronics & Communication Engineering
Professor J.R.P. Gupta	Instrumentation & Control Engineering

Statute 2(1)(xv)(a)***Readers by rotation according to Seniority***

Dr. S.K. Tuteja	Business Management & Industrial Administration
Sh. Ashwani Kumar Batra	Law Centre-I

Statute 2(1)(xv)(b)***Lecturers by rotation according to Seniority***

Dr. O.P. Sharma	Law Centre –II
Sh. Rajiv Ranjan	East Asian Studies
Sh. Suresh Minocha	Law Centre-I
Dr. Rumesch Chander	Education
Ms. Sunil Kumar Gupta	Campus Law Centre

Statute 2(1)(xvi)***Representatives of Alumni Association***

Dr. Ishwar Prakash Mittal	Dr. Tushar Roy
Dr. Ram Murti Kohli	Sh. Narender Kumar Sharma
Sh. Jagdish Chander Kochhar	Sh. Deepak Joshi
Sh. Hari Shankar Gupta	Sh. Raghbir Singh Gupta
Ms. Rima Kumra	Dr. Shyam Sunder Rathi
Sh. Jasbir Singh	Sh. Ram Kumar
Sh. Sanjeet Kumar Singh	Sh. Vijay Kinger
Ms. Indrani Ghosh	

Statute 2(1)(xvii)***Representatives of Certain Professions***

Sh. Kailash Gambhir	Sh. Surya Prakash Khatri
Sh. Som Dutta Sharma	Sh. K. Prabha Kar Rao
Sh. Jitendra Sharma	Sh. Rajeev Saxena
Sh. Naresh Kumar Beniwal	Sh. Ram Narain Vats
Sh. Khem Singh Bhati	Sh. Jainendra Sahai Sinha

Statute 2(1)(xviii)

Representing Industry and Commerce

Sh. Shiv Shankar

Sh. Om Prakash Malhotra

Sh. Ashok Adil Kathuria

Sh. Ajay Kumar

Sh. Jainender Kumar Mittal

Sh. Sudhanva Deshpande

Statute 2(1)(xix)

Representatives of Legislature

Sh. Sandeep Dikshit

Sh. Arun Jaitley

Sh. Ashok Kumar Pradhan

Statute 2(1)(xx)

Representing of Metropolitan Council

Sh. Vijay Jolly

Shri Anil Bhardwaj

Statute 2(1)(xxi)

Representing Municipal Corporation

Sh. Raj Khurana

24, Gujranwala Town,

Part-II, Delhi-110070

Sh. Jagdish Mamgain

A-96, IInd Floor, Jawahar Park,

Deoli Road, Khanpur,

New Delhi-110062.

Statute 2(1)(xxii)

Nominated Members of Central Board of Secondary Education

Sh. Ashok Ganguly

Sh. B.R. Sharma

Chairman

Secretary

Statute 2(1)(xxiii)(a)

Nominated by the Visitor

Dr. R. Chidambaram

Principal Scientific Advisor,

Government of India.

Professor P.N. Srivastava

Former Vice-Chancellor,

Jawahar Lal Nehru University.

Smt. Sujatha Manohar

Former Judge, Supreme Court of India.

Professor U. R. Ananthamurti

Chairman, Film & Television,

Institute of India.

Dr. Anima Bose

Honorary Director,

Centre for Piece Education,

New Delhi.

Statute 2(1)(xxiii)(b)
Nominated by Chief Rector
Professor Y.V.S.R. Sastry

Statute 2(1)(xxiii)(c)
Nominated by Chancellor
Dr. V. S. Vyas
Professor Emeritus,
Institute of Development Studies,
Jaipur, 396, Vasundhara Colony,
Tonk Road, Jaipur, Rajasthan.

Dr. D.V. Singh
1002, Sunbreeze Apartments,
Tower-B, Sector-V, Vaishali,
Ghaziabad.

THE EXECUTIVE COUNCIL

Statute 5(1)(i)
Vice-Chancellor
Professor Deepak Pental

Statute 5(1)(ii)
Pro-Vice-Chancellor
Professor S.K. Tandon

Statute 5(1)(iii)
Dean of Colleges
Professor (Ms.) Shirin Rathore - (up to 06.07.2007)
Professor (Ms.) Nayanjot Lahiri - (w.e.f. 22.08.2007)

Statute 5(1)(iv)
Director, South Delhi Campus
Professor Dinesh Singh

Statute 5(1)(v)
Director, Campus of Open Learning
Dr. (Ms.) Savita M. Datta

Statute 5(1)(vi)
Treasurer
Mrs. Janaki Kathpalia

Statute 5(1)(vii)
Proctor
Professor Gurmeet Singh

Statute 5(1)(viii)***Deans of the Faculties***

Science	Professor Surinder Nath	(up to 08.06.2007)
	Professor V.K. Bhasin	(up to 07.11.2007)
	Professor Rup Lal	(w.e.f. 08.11.2007)
Arts	Professor (Ms.) Shormishtha Panja	
Applied Social Sciences & Humanities	Professor S.K. Vij	(w.e.f. 22.08.2006)

Statute 5(1) (ix)***Principals***

Dr. V.K. Khanna		(up to 05.06.2007)
Dr. Kavita A. Sharma		(w.e.f. 02.07.2007)
Dr. Malti		(up to 11.12.2007)
Dr. S.K. Jolly		(w.e.f. 12.12.2007)
Dr. K.P. Chinda		(up to 28.12.2007)
Dr. Bhim Sen Singh		(w.e.f. 29.12.2007)

Statute 5(1)(x)***Representatives of the University Court***

Sh. Surya Prakash Khatri		(up to 13.01.2008)
Sh. Khem Singh Bhati		(w.e.f. 15.01.2008)
Sh. Ram Narain Vats		
Sh. Naresh Kumar Beniwal		(w.e.f. 15.01.2008)
Sh. Som Dutta Sharma		
Sh. Shiv Shankar		(up to 13.01.2008)

Statute 5(1)(xi)***University Teachers' Representatives***

Ms. Rekha Dayal		
Dr. Gurmohinder Singh		

Statute 5(1)(xii)***Visitor's Nominee***

Sh. Anil Kakodkar		
Professor Abhijit Sen		

Statute 5(1)(xiii)***Chancellor's Nominee***

Sh. R.C. Tripathi		(up to 05.08.2007)
Sh. Javed Choudhary		(w.e.f. 14.12.2007)

THE ACADEMIC COUNCIL

Statute 7(1)(i)

Vice-Chancellor

Professor Deepak Pental

Statute 7(1)(ii)

Pro-Vice-Chancellor

Professor S.K. Tandon

Statute 7(1)(iii)

Dean of Colleges

Professor (Ms.) Shirin Rathore
Professor (Ms.) Nayanjot Lahiri

(up to 06.07.2007)
(w.e.f. 22.08.2007)

Statute 7(1)(iv)

Director, South Delhi Campus

Professor Dinesh Singh

Statute 7(1)(v)

Director, Campus of Open Learning

Dr. (Ms.) Savita M. Datta

Statute 7(1)(vi)

Librarian

Dr. Suprabhat Majumdar

Statutes 7(1)(vii)

Deans of the Faculties

<i>Arts</i>	:	Professor (Ms.) Shormishtha Panja	
<i>Science</i>	:	Professor Surinder Nath Professor V.K. Bhasin Professor Rup Lal	(up to 08.06.2007) (up to 07.11.2007) (w.e.f. 08.11.2007)
<i>Social Sciences</i>	:	Professor Bidyut Chakrabarty Professor Achin Vanaik	(up to 14.10.2007) (w.e.f. 15.10.2007)
<i>Law</i>	:	Professor (Ms.) Nomita Aggarwal Professor S.N. Singh	(up to 30.10.2007) (w.e.f. 01.07.2007)
<i>Management Studies</i>	:	Professor J.K. Mitra	
<i>Mathematical Sciences</i>	:	Professor M.C. Aggarwal Professor (Ms.) M.L. Aggarwal	(up to 03.08.2007) (w.e.f. 04.08.2007)
<i>Medical Sciences</i>	:	Professor P. Kar Professor (Ms.) Usha Rusia	(up to 19.10.2007) (w.e.f. 20.10.2007)

<i>Music & Fine Arts</i>	:	Professor (Ms.) Gita Paintal Professor (Ms.) Anjali Mittal	(up to 08.07.2007) (w.e.f. 09.07.2007)
<i>Technology</i>	:	Professor Pramod Kumar	
<i>Ayurvedic and Unani Medicine</i>	:	Dr. B.N. Sinha Dr. C.P. Dubey Dr. K.K. Sijoria	(up to 21.07.2007) (up to 04.11.2007) (w.e.f. 12.11.2007)
<i>Education</i>	:	Professor (Ms.) Bharati Baveja	
<i>Inter-Disciplinary and Applied Sciences</i>	:	Professor Ramesh Chand Kuhad	
<i>Applied Social Sciences and Humanities</i>	:	Professor S.K. Vij	
<i>Commerce & Business</i>	:	Professor Sanjay Kumar Jain	

Statute 7(1)(viii)

Heads of the Departments

Professor (Ms.) Shormishtha Panja	English	
Professor Dipti Tripathi	Sanskrit	(up to 21.03.2008)
Professor M.M. Agrawal	Sanskrit	(w.e.f. 22.03.2008)
Professor Nirmalangshu Mukherji	Philosophy	(up to 30.04.2007)
Professor Ashok Vohra	Philosophy	(w.e.f. 01.05.2007)
Professor Shashwati Mazumdar	Germanic & Romance Studies	(up to 31.01.2008)
Professor (Ms.) Vibha Maurya	Germanic & Romance Studies	(w.e.f. 01.02.2008)
Dr. (Ms.) Shashi Prabha Singh	Library & Information Science	(up to 04.12.2007)
Dr. Rakesh Kumar Bhatt	Library & Information Science	(w.e.f. 05.12.2007)
Professor R.K. Gautam	Hindi	(up to 12.09.2007)
Professor Sudhish Pachauri	Hindi	(w.e.f. 13.09.2007)
Professor N.M. Kamal	Urdu	
Professor (Ms.) Nandita Basu	M.I.L. & Literary Studies	(up to 15.03.2008)
Professor P.C. Patnaik	M.I.L. & Literary Studies	(w.e.f. 16.03.2008)
Professor Bikshu Satyapala	Buddhist Studies	
Professor R.C. Sharma	Linguistics	(up to 22.09.2007)
Professor Ravindra Gargesh	Linguistics	(w.e.f. 21.09.2007)
Professor (Ms.) Ashum Gupta	Psychology	
Professor Mohd. Nauman Khan	Arabic	
Professor Chander Shekhar	Persian	
Professor Kuljit Shellie	Punjabi	
Professor M.P. Srivastava	Physics & Astrophysics	(up to 15.11.2007)
Professor D.S. Kulshrestha	Physics & Astrophysics	(w.e.f. 16.11.2007)
Professor N.K. Kaushik	Chemistry	(up to 30.04.2007)
Professor V.S. Parmar	Chemistry	(w.e.f. 01.05.2007)

Professor Surinder Nath	Anthropology	(up to 30.12.2007)
Professor P.K. Ghosh	Anthropology	(w.e.f. 01.01.2008)
Professor V.K. Bhasin	Zoology	(up to 07.11.2007)
Professor Rup Lal	Zoology	(w.e.f. 08.11.2007)
Professor A.K. Bhatnagar	Botany	
Dr. (Ms.) Anupa Sidhu	Home Science	
Professor Anand Mohan Bhola	Geology	
Professor B.P. Srinivasan	Pharmacy	
Professor Nomita Aggarwal	Law	(up to 30.06.2007)
Professor S.N. Singh	Law	(w.e.f. 01.07.2007)
Professor M.S. Bhatia	Psychiatry (UCMS)	(up to 06.01.2008)
Dr. R.C. Jiloha	Psychiatry (MAMC)	(w.e.f. 07.01.2008)
Professor K.K. Banerjee	Forensic Medicine (UCMS)	(up to 29.07.2007)
Professor N.K. Agarwal	Forensic Medicine (UCMS)	(w.e.f. 30.07.2007)
Professor (Ms.) Suneela Garg	Community Medicine (MAMC)	
Professor V.K. Ramteke	Surgery (MAMC)	(up to 29.10.2007)
Professor Amit Banerjee	Surgery (MAMC)	(w.e.f. 30.10.2007)
Professor P. Kar	Medicine (MAMC)	(up to 08.01.2008)
Professor Sachin Kumar Jain	Medicine (LHMC)	(w.e.f. 09.01.2008)
Professor (Ms.) Usha Rusia	Pathology (UCMS)	
Professor (Ms.) Usha Manaktala	Obstat. & Gynaecology (MAMC)	
Professor Arunabha Roy	Pharmacology (VPCI)	
Professor Gopesh Mehrotra	Radiology (UCMS)	
Professor (Ms.) Suman Bala Sharma	Medical Bio-Chemistry (UCMS)	
Professor Shipra Paul	Anatomy (MAMC)	(upto 20.01.2008)
Professor Kamlesh Khatri	Anatomy (UCMS)	(w.e.f. 21.01.2008)
Professor Anil Kumar Dhall	Orthopaedics (MAMC)	
Professor Geeta Mehta	Medical Microbiology (LHMC)	
Professor K. Ravi	Physiology (VPCI)	(up to 17.09.2007)
Professor Savita Singh	Physiology (UCMS)	(w.e.f. 18.09.2007)
Professor Vijay Kumar	Dermatology & Venereology (MAMC)	(up to 18.06.2007)
Professor (Ms.) Archana Singhal	Dermatology & Venereology (UCMS)	(w.e.f. 19.06.2007)
Professor B. Ghosh	Ophthalmology (MAMC)	
Professor S.K. Chhabra	Pulmonary Medicine (VPCI)	
Professor (Ms.) Satinder Aneja	Paediatrics (LHMC)	
Professor P.P. Singh	Otolaryngology (UCMS)	
Professor Ajay Kumar Jain	Anaesthesiology(UCMS)	
Professor Bharati Baveja	Education	
Professor Sagar Maji	Mechanical Engineering	
Professor Pramod Kumar	Electrical Engineering	
Professor Santosh Kumar Singh	Civil Engineering	

Professor Ashok De	Electronics & Communication Engineering	
Professor C.K. Datta	Production & Industrial Engineering	(up to 04.10.2007)
Professor Suresh Kumar Garg	Production & Industrial Engineering	(w.e.f. 05.10.2007)
Professor D. Roy Choudhary	Computer Engineering	(up to 04.01.2008)
The Dean, Faculty of Technology	Computer Engineering	(w.e.f. 05.01.2008)
Professor J.R.P. Gupta	Instrumentation & Control Engineering	
Professor S.C. Panda	Economics	
Professor B.P. Sahu	History	(up to 30.06.2007)
Professor Saiyid Zaheer Husain Jafri	History	(w.e.f. 01.07.2007)
Professor (Ms.) Snehlata Tandon	Social Work	
Professor Bidyut Chakrabarty	Political Science	(up to 14.10.2007)
Professor Achin Vanaik	Political Science	(w.e.f. 15.10.2007)
Dr. Jagdish Prasad Sharma	African Studies	(up to 04.05.2007)
The Dean, Faculty of Social Science	African Studies	(w.e.f. 11.05.2007)
Professor (Ms.) Meenakshi Thapan	Sociology	(up to 22.07.2007)
Professor (Ms.) Rajni Palriwal	Sociology	(w.e.f. 23.07.2007)
Professor H. Ramachandran	Geography	
Professor (Ms.) Sreemati Chakrabarti	East Asian Studies	
Professor N.K. Chadha	Adult Continuing Education & Extension	
Professor (Ms.) Gita Paintal	Music	(up to 08.07.2007)
Professor (Ms.) Anjali Mittal	Music	(w.e.f. 09.07.2007)
Professor S.C. Arora	Mathematics	
Professor Manju Lata Aggarwal	Operational Research	
Dr. (Ms.) Punam Bedi	Computer Science	
Professor M.C. Aggarwal	Statistics	
Professor J.K. Mitra	Business Management & Industrial Administration	
Dr. Ahmad Yasin	Unani Medicine	(up to 14.09.2007)
Dr. Abdul Hafeez	Unani Medicine	(w.e.f. 15.09.2007)
Dr. B.N. Sinha	Ayurvedic Medicine	(up to 21.07.2007)
Dr. C.P. Dubey	Ayurvedic Medicine	(up to 04.11.2007)
Dr. K.K. Sijoria	Ayurvedic Medicine	(w.e.f. 12.11.2007)
Professor Debi P. Sarkar	Bio-Chemistry	
Professor Ramesh Chand Kuhad	Microbiology	
Professor (Ms.) Sheela Srivastava	Genetics	
Professor P. Pardha Saradhi	Environmental Biology	
Professor Anand Kumar Verma	Electronics Science	
Professor Madhusudan	Bio-Physics	

Professor (Ms.) Paramjit Khurana	Plant Molecular Biology	(up to 28.10.2007)
Professor Anil Grover	Plant Molecular Biology	(w.e.f. 29.10.2007)
Dr. (Ms.) Kiran Sandhu	Physical Education & Sports Sciences	
Dr. V.K. Kaul	Business Economics	(up to 28.09.2007)
Dr. (Ms.) Aradhana Aggarwal	Business Economics	(w.e.f. 29.09.2007)
Professor S.K. Vij	Slavonic & Finno-Ugrian Studies	
Professor Sanjay Kumar Jain	Commerce	
Professor Muneesh Kumar	Financial Studies	(up to 08.07.2007)
Professor Sanjay Sehgal	Financial Studies	(w.e.f. 09.07.2007)
Dr. H.C. Pokhriyal	Distance & Continuing Education	

Statute 7(1)(ix)(a)

Professors other than Heads of the Departments

Professor Anil Kumar Tyagi	Bio-Chemistry	
Professor (Ms.) Nomita Aggarwal	Law	(up to 22.12.2007)
Professor Vijayanand Sharma	Geology	(up to 03.08.2007)
Professor (Ms.) Manju Lata Aggarwal	Operational Research	(w.e.f. 04.08.2007)
Professor Shahid Amin	History	(up to 22.08.2007)
Professor Girishwar Mishra	Psychology	(w.e.f. 26.08.2007)
Professor S.K. Sawhney	Botany	(up to 05.09.2007)
Professor T.K. Venkatasubramaniam	History	(w.e.f. 06.09.2007)
Professor M.C. Agrawal	Statistics	(up to 14.09.2007)
Professor Akhilesh Kr. Tyagi	Plant Molecular Biology	(w.e.f. 15.09.2007)

Statute 7(1)(ix)(b)

Professor from the Faculty of Medical Sciences

Professor S. Dwivedi	University College of Medical Sciences
----------------------	--

Statute 7(1)(ix)(c)

Professor from the Faculty of Technology

Professor Ashok Bhattacharya	Electrical Engineering
------------------------------	------------------------

Statute 7(1)(x)

Principals of the Colleges

Dr. S.K. Garg	Deen Dayal Upadhyaya College	
Dr. Hari Om	Sri Aurobindo College	
Sh. M. Vijayamohan	College of Art	
Dr. J.L. Bhatt	Swami Shraddhanand College	
Dr. (Ms.) Pramodini Verma	Bharati College	
Professor Ranjit Singh	Netaji Subhas Institute of Technology	
Dr. Ramesh Chand Sharma	Moti Lal Nehru College	
Dr. Jaspal Singh	Sri Guru Gobind Singh College of Commerce	
Dr. M. Ramachandran	Gargi College	(w.e.f. 12.03.2008)

Dr. D.K. Pabby	Ram Lal Anand College	
Dr. V.K. Vijayan	V.P. Chest Institute	
Dr. Malti	Kalindi College	(up to 15.07.2007)
Dr. (Ms.) Indu Anand	Janki Devi Memorial College	(w.e.f. 23.07.2007)
Dr. (Ms.) Aruna Sitiesh	Indraprastha College for Women	(up to 15.07.2007)
Dr. (Ms.) Anupa Sidhu	Lady Irwin College	(w.e.f. 23.07.2007)
Dr. Kavita A. Sharma	Hindu College	(up to 07.08.2007)
Dr. (Ms.) Minoti Chatterji	Kamala Nehru College	(w.e.f. 08.08.2007)
Dr. Bhim Sen Singh	Kirori Mal College	(up to 18.08.2007)
Dr. A.P. Raste	Deshbandhu College	(w.e.f. 19.08.2007)
Dr. (Ms.) S.K. Jolly	Shyama Prasad Mukherji College	(up to 20.08.2007)
Dr. Mohd. Aslam Parvaiz	Zakir Husain College	(w.e.f. 21.08.2007)

Statute 7(1)(xi)

Dean Students' Welfare

Professor S.K. Vij

Statute 7(1)(xii)

University Teachers' Representatives

Sh. Rajib Ray	Kirori Mal College
Dr. (Ms.) Veena Aggarwal	S.G.T.B. Khalsa College
Sh. J. Khuntia	School of Open Learning
Dr. Rajiv Kumar Verma	Satyawati College (Evening)
Dr. (Ms.) Vandana Sharma	Bhagini Nivedita College
Dr. Pankaj Kumar Garg	Rajdhani College
Dr. Manoj Kumar Khanna	Bhaskaracharya College of Applied Sciences
Dr. (Ms.) Jaspali Chauhan	Atma Ram Sanatan Dharma College
Dr. Shri Prakash Singh	Sri Aurobindo College
Sh. Pradeep Kumar	Zakir Husain College
Dr. Neeraj Tyagi	Deen Dayal Upadhyaya College
Dr. Bhupinder Chaudhary	Maharaja Agrasen College
Dr. (Ms.) R.R. Goyal	Ramjas College
Sh. Niraj Kumar Singh	Maharaja Agrasen College
Sh. R.S. Dahiya	Sri Aurobindo College (Evening)
Dr. Abha Dev Habib	Miranda College
Sh. A.N. Jha	Swami Shraddhanand College
Dr. Sanjeev Kumar	Deshbandhu College
Sh. Surendra Kumar	P.G.D.A.V. College
Dr. N.K. Agrawalla	School of Open Learning
Dr. (Ms.) Vandana Roy	Maulana Azad Medical College
Dr. Gopal Rana	M.V. College of Education

Dr. (Mrs.) Rajni Abbi	Law Centre – II
Dr. (Ms.) Arjumand Ara	Department of Urdu
Dr. Kishore Kumar Aggarwal	Department of Operational Research
Dr. (Ms.) Najma Rehmani	Department of Urdu

Statute 7 (1) (xiv)

Co-opted Members

Professor Amitabh Ghosh	(up to 09.10.2007)
Professor K.C. Upadhyay	(w.e.f. 19.10.2007)
Professor Mrinal Miri	(up to 09.10.2007)
Dr. Kishan Lal	(w.e.f. 19.10.2007)

THE FINANCE COMMITTEE

Statute 10-A(i)

Vice-Chancellor

Professor Deepak Pental	-	<i>Chairman</i>
-------------------------	---	-----------------

Statute 10-A(ii)

Pro-Vice-Chancellor

Professor S.K. Tandon

Statute 10-A(iii)

Nominated by the Visitor

Sh. S.K. Roy	-	(up to 29.09.2007)
Financial Advisor (Ministry of HRD)		
Sh. Sunil Kumar	-	(up to 29.11.2007)
Joint Secretary, Higher Education, Ministry of HRD		

Statute 10-A(iv)

Elected by the University Court

Sh. Shiv Shankar		
Dr. R.M. Kohli	-	(up to 13.01.2008)
Dr. I.P. Mittal	-	(w.e.f. 15.01.2008)

Statute 10-A(v)

Treasurer

Mrs. Janaki Kathpalia

TEACHING STAFF

Appointments

<i>Name</i>	<i>Department</i>	<i>Date of Joining</i>
-------------	-------------------	------------------------

Professors

Professor H.S. Prasad	Philosophy	(28.12.2007)
Dr. Sunil Kanwar	Economics	(31.12.2007)
Dr. (Ms.) Ashwani Deshpande	Economics	(03.01.2008)
Dr. (Ms.) Rohini Somanathan	Economics	(03.01.2008)
Dr. Sudhir A. Shah	Economics	(01.01.2008)
Dr. Mahesh Rangarajan	History	(23.08.2007)
Dr. Farhat Hasan	History	(08.10.2007)

Readers

Dr. Kirti Ranjan	Physics & Astrophysics	(04.05.2007)
Dr. Amit Kumar Chattopadhyay	Physics & Astrophysics	(20.11.2007)
Dr. Sevi Murugavel	Physics & Astrophysics	(27.11.2007)
Dr. Supriya K. Kar	Physics & Astrophysics	(27.03.2007)
Dr. (Mrs.) Marilyn Daisy Milton	Chemistry	(10.12.2007)
Dr. Rohtash Kumar	Chemistry	(24.12.2007)
Dr. Namita Agarwal	Zoology	(11.03.2008)
Dr. Arun Jagannath	Botany	(13.12.2007)
Dr. Manu Agarwal	Botany	(05.01.2008)
Dr. Shailendra Goel	Botany	(26.10.2007)
Dr. Rupam Kapoor	Botany	(10.10.2007)
Dr. Davesh Kumar Sinha	Geology	(21.05.2007)
Dr. Vikrant Jain	Geology	(22.11.2007)
Dr. Hany Babu M.T.	English	(05.09.2007)
Dr. V. Ravi Chandran	Mathematics	(23.05.2007)
Dr. Monica Singhanian	FMS	(21.06.2007)
Dr. Amit Kumar Bardhan	FMS	(28.06.2007)
Dr. Pankaj Sinha	FMS	(04.07.2007)
Dr. Debadyuti Das	FMS	(06.08.2007)
Dr. Alo Nag	Bio-Chemistry	(27.08.2007)
Dr. Girdhar K. Pandey	Plant Molecular Biology	(12.10.2007)

Lecturers

Dr. Prem Singh	Hindi	(10.03.2008)
Mohd. Shameem	Urdu	(03.03.2008)
Ms. Nasra Sultana	Urdu	(03.03.2008)
Ms. Ratnottama Das	MIL & LS	(31.03.2008)
Ms. Nidhi Prakash	Psychology	(19.07.2007)
Sh. Avinash Kumar	Psychology	(18.07.2007)
Dr. Vikas Gupta	History	(24.08.2007)
Sh. Sandeep Kumar	Education	(11.10.2007)
Ms. Ritu Bala	Education	(31.03.2008)
Ms. Anu Gupta Aggarwal	Operational Research	(14.12.2007)
Sh. Hamendra Kumar Dangi	FMS	(26.07.2007)
Ms. Gunjan Gupta	Campus Law Centre	(16.07.2007)
Dr. Anupam Jha	Law Centre-II	(21.10.2007)
Dr. Surekha Katiyar	Plant Molecular Biology	(23.07.2007)
Dr. Surajit Sarkar	Genetics	(29.05.2007)
Dr. Jagreet Kaur	Genetics	(05.10.2007)
Dr. Rakesh Kumar	Chemistry	(12.09.2007)
Ms. Nemika Rehlan	Environmental Biology	(11.04.2007)
Dr. Suneel Kateriya	Bio-Chemistry	(09.04.2007)

NON-TEACHING STAFF**Obituaries**

<i>Name</i>	<i>Designation</i>	<i>Date of Expiry</i>
Sh. Vinod Babu	Assistant	(12.04.2007)
Ms. Rajwati	Safai Karamchari	(23.08.2007)
Sh. Mahavir	Sanitary Guide	(21.03.2007)
Sh. Subhash Chand	Office Attendant	(29.04.2007)
Sh. Shiv Charan Singh Kuntal	Daftry	(20.03.2007)
Sh. Chander Pal	Safai Karamchari	(12.03.2008)
Sh. Suresh Kumar	Beldar	(04.05.2007)
Mohd. Shabir	U.S.L.	(06.02.2008)

Appointments

<i>Name</i>	<i>Designation</i>	<i>Date of Joining</i>
Sh. Amit Kumar	P.A. (Hindi)	(17.04.2007)
Ms. Seema	Stenographer	(04.01.2008)
Ms. Preety Chaudhary	Stenographer	(09.01.2008)
Sh. Kailash Singh	Stenographer	(16.01.2008)
Ms. Babita	Junior Assistant	(09.01.2008)
Ms. Usha Rani	Junior Assistant	(02.01.2008)
Sh. Arun Kumar	Junior Assistant	(07.01.2008)
Sh. Madan Dogra	Junior Assistant	(08.01.2008)
Sh. Hintendra Kumar Azad	Junior Assistant	(01.01.2008)
Sh. Shakti Singh	Junior Assistant	(04.01.2008)
Ms. Ravinder Kaur	Junior Assistant	(03.01.2008)
Sh. Subodh Kumar	Junior Assistant	(08.01.2008)
Sh. Sudeep Yadav	Junior Assistant	(04.01.2008)
Sh. Kamal Kashyap	Junior Assistant	(11.01.2008)
Sh. Prem Chand Pandit	Junior Assistant	(14.01.2008)
Sh. Kamal Pathak	Deputy Registrar	(29.02.2008)
Sh. Mahesh	Office Attendant	(16.05.2007)
Sh. Mukesh	Office Attendant	(16.05.2007)
Sh. Ram Dayal Singh	Office Attendant	(16.05.2007)
Sh. Deen Dayal Singh	Office Attendant	(16.05.2007)
Sh. Jag Mohan	Office Attendant	(16.05.2007)
Sh. Dinesh Kumar	Office Attendant	(16.05.2007)
Sh. Shovakhar	Office Attendant	(16.05.2007)
Sh. Ganesh Giri	Office Attendant	(06.06.2007)
Sh. Sanjay	Office Attendant	(04.10.2007)
Sh. Neeraj Khandelwal	Office Attendant	(05.10.2007)
Ms. Suman Kumari	Office Attendant	(12.10.2007)
Sh. Shahin	Office Attendant	(12.10.2007)
Sh. Rajesh Rameshrao Barapatre	Office Attendant	(15.10.2007)
Sh. Bharat Singh	Laboratory Attendant	(17.05.2007)
Ms. Geeta Martolia	Laboratory Attendant	(21.05.2007)
Sh. Sanjay Kumar Mukti	Laboratory Attendant	(04.05.2007)
Sh. Jitendra Kumar Maurya	Laboratory Attendant	(07.05.2007)
Sh. Snchanshu Sekhar Sahoo	Laboratory Attendant	(04.05.2007)
Sh. Ramesh Chand Meena	Laboratory Attendant	(03.07.2007)
Sh. Surender Singh	Laboratory Attendant	(04.10.2007)
Sh. Nagender Kumar	Laboratory Attendant	(29.11.2007)

Sh. Vijay Kumar	Technical Assistant (Computer)	(08.05.2007)
Sh. Sahab Lal	Technical Assistant (Computer)	(08.05.2007)
Sh. Nitin Dawar	Junior Programmer	(19.09.2007)
Sh. Sanjeev Chopra	Work Assistant	(16.10.2007)
Sh. Vijender Kumar Meena	Work Assistant	(22.10.2007)
Sh. Kailash Chand Kirar	Mali	(13.06.2007)

Extension of Service

<i>Name</i>	<i>Designation</i>	<i>Period</i>
Sh. B.L. Maini	Associate Consultant	(01.02.2008 for three months)
Sh. K.C. Rustagi	Assistant Consultant	(02.11.2007 for six months)
Sh. S.B. Sharma	Assistant Consultant (Admin.)	(10.11.2007 for six months)
Sh. P.J.S. Jessel	Section Officer	(02.01.2008 for six months)
Sh. M.M. Verma	Section Officer	(02.01.2008 for six months)
Sh. Ram Phal Saroha	Senior Assistant	(12.12.2007 for six months)
Sh. Chinta Mani Paliwal	Senior Assistant	(12.12.2007 for six months)
Sh. Daler Singh	Senior Assistant	(02.01.2008 for six months)

Study-Leave/Extra-Ordinary Leave/Special Leave, etc.

Sh. K. Sakthi Kumar	Statistical Assistant	(18.06.2007 EOL)
Sh. B.S. Rawat	Field Worker	(06.09.2007 EOL)
Dr. Vineet Ghildyal	Senior System Analyst	(10.12.2007 EOL)

Retirement

<i>Name</i>	<i>Designation</i>	<i>Date</i>
Sh. V.K. Grover	Section Officer	(30.04.2007)
Sh. R.S. Malhotra	Section Officer	(30.04.2007)
Sh. S.S. Sharawat	Senior Assistant	(30.04.2007)
Sh. Shyam Kumar	Section Officer	(30.04.2007)
Sh. D.K. Chopra	Sanitary Inspector	(30.04.2007)
Shri Bhagwan Sharma	Section Officer	(30.04.2007)
Sh. Babu Singh	Assistant	(31.05.2007)
Sh. V.B. Sharma	Section Officer	(31.05.2007)
Sh. S.C. Verma	Assistant	(31.05.2007)
Ms. Urmil Anand	Section Officer	(31.05.2007)
Sh. Gulshan Kumar	Senior Assistant	(30.06.2007)
Sh. R.K. Sehgal	Section Officer	(30.06.2007)
Sh. J.P. Khullar	Assistant Registrar	(30.06.2007)
Sh. Om Prakash	Senior Assistant	(30.06.2007)
Sh. P.J.S. Jessel	Section Officer	(31.07.2007)
Sh. Kundan Lal	AIAO	(31.08.2007)

Sh. Ram Kumar	Section Officer	(30.09.2007)
Sh. Balbir Kumar	Section Officer	(30.09.2007)
Sh. H.S. Kharbanda	Assistant Registrar	(30.09.2007)
Sh. V.K. Rastogi	Dy. Director	(30.09.2007)
Sh. M.M. Verma	Section Officer	(31.10.2007)
Sh. Virender Dutta	Senior Assistant	(31.10.2007)
Sh. Y.R. Chadha	Section Officer	(31.10.2007)
Sh. V.K. Parashar	Section Officer	(31.10.2007)
Sh. Harjit Singh	Section Officer	(30.11.2007)
Sh. Jagjit Singh	Senior Assistant	(31.12.2007)
Sh. Sohan Dutt Sharma	Senior Assistant	(31.12.2007)
Sh. Om Prakash	Section Officer	(31.12.2007)
Sh. Jai Pal Singh	Assistant	(31.01.2008)
Sh. Subhash Chopra	Section Officer	(31.01.2008)
Sh. Kulbir Singh	Section Officer	(29.02.2008)
Sh. Sukhbir Singh	Section Officer	(31.03.2008)
Sh. Jai Singh Dahiya	Senior Assistant	(31.03.2008)
Sh. M.L. Sharma	Section Officer	(31.03.2008)
Sh. V.K. Handa	Senior Assistant	(31.03.2008)
Sh. Ram Kunwar	Senior Assistant	(31.03.2008)
Sh. Ram Chander	Section Officer	(31.03.2008)
Sh. Lachman Dass	Dispatch Rider	(30.04.2007)
Sh. Tulsi Dass	Sanitary Guide	(30.04.2007)
Sh. Balam Singh	Chowkidar	(30.04.2007)
Sh. Jugal Kishore	Gestetner Operator	(31.05.2007)
Sh. Sheodan Singh	Chowkidar	(31.05.2007)
Sh. Ramotar Sharma	Daftry	(30.06.2007)
Sh. Bhupal Singh	Driver	(30.06.2007)
Smt. Anita Verma	Office Attendant	(30.06.2007)
Sh. Jit Bahadur Singh	Gestetner Operator	(31.07.2007)
Sh. Khim Singh	Daftry	(31.07.2007)
Sh. Daya Chand	Sanitary Guide	(31.07.2007)
Sh. Jaman Singh	Daftry	(31.09.2007)
Sh. Kitab Singh	Havildar	(31.09.2007)
Sh. Pratap Singh	Daftry	(30.10.2007)
Sh. Kundan Singh	Gestetner Operator	(31.11.2007)
Sh. Satish Kr. Bhatnagar	Daftry	(31.11.2007)
Sh. Bishan Lal	Dispatch Rider	(30.12.2007)
Sh. Mam Chand Suheda	Gestetner Operator	(30.12.2007)
Sh. Ram Singh	Safai Karamchari	(30.12.2007)

Sh. Leela Ram	Chowkidar	(30.12.2007)
Ms. Ratni	Safai Karamchari	(29.02.2008)
Sh. Rakam Singh	Chowkidar	(29.02.2008)
Sh. Hari Singh	Gestetner Operator	(31.03.2008)
Sh. Lakhmi	Safai Karamchari	(31.03.2008)
Smt. Gomti Devi	Safai Karamchari	(31.03.2008)
Sh. Ishwar Singh	Safai Karamchari	(31.03.2008)
Sh. Khem Singh Gupta	Technical Assistant	(01.04.2007)
Sh. H.S. Grover	Technical Assistant	(31.05.2007)
Mrs. Sobha Krishna	Technical Assistant (Computer)	(31.05.2007)
Sh. Inder Singh	Dresser	(31.07.2007)
Sh. Ram Gopal	Technical Assistant	(31.08.2007)
Sh. Kirori Mal	Technical Assistant	(31.08.2007)
Sh. Shyam Lal	Technician-VI	(31.08.2007)
Dr. M.C. Garg	Medical Officer	(31.08.2007)
Sh. M.P. Sachdeva	Technical Officer	(30.09.2007)
Mrs. Abha Jain	Technical Officer	(30.09.2007)
Sh. Saroop Chand	Technical Assistant	(30.09.2007)
Sh. Rameshwar Sharma	Technician-VI	(30.11.2007)
Sh. R.C. Juneja	Technical Officer	(31.12.2007)
Sh. A.K. Singh	Technical Assistant	(31.01.2008)
Sh. R. Swami	Garden Chaudhary	(31.01.2008)

Voluntary Retirement

Sh. Mohan Singh	Senior Assistant	(09.04.2007)
Sh. Raghubir Singh	Section Officer	(31.07.2007)
Sh. P. Jagannathan	Technician	(09.07.2007)
Sh. Vivek Kumar Jain	Junior Engineer	(01.10.2007)
Mrs. Sneh Dhawan	Social Worker	(31.03.2008)

Resignation

Sh. Jai Singh	Laboratory Attendant	(16.04.2007)
Sh. Sanjay Kumar Mukti	Laboratory Attendant	(29.02.2008)
Sh. Shyam Sunder	Junior Engineer (Computer)	(03.09.2007)

Deputation

Sh. Sandeep Kaushal	Programmer-cum-Statistician	(18.02.2008)
Dr. A.K. Saini	Senior Programmer	(31.07.2008)

MEMBERS OF THE FACULTIES

ARTS

Statute 9(3)(i)

Dean

Professor Shormistha Panja

Statute 9(3)(ii)

Heads of the Departments

Professor M.N. Khan	Arabic	
Professor Shormistha Panja	English	
Professor R.K. Gautam	Hindi	(up to 12.09.2007)
Professor Sudhish Pachauri	Hindi	(w.e.f. 13.09.2007)
Professor R.C. Sharma	Linguistics	(up to 21.09.2007)
Professor Ravinder Gargesh	Linguistics	(w.e.f. 01.09.2007)
Professor Bhikshu Satyapala	Buddhist Studies	
Professor (Ms.) Shashwati Mazumdar	Germanic & Romance Studies	(up to 28.02.2008)
Professor (Ms.) Vibha Maurya	Germanic & Romance Studies	(w.e.f. 01.03.2008)
Professor S.P. Singh	Library & Information Sciences	(up to 05.12.2007)
Dr. R.K. Bhatt	Library & Information Sciences	(w.e.f. 06.12.2007)
Professor (Ms.) Nandita Basu	MIL & Literary Studies	(up to 15.03.2008)
Professor P.C. Patnaik	MIL & Literary Studies	(w.e.f. 16.03.2008)
Professor (Ms.) Kuljit Shellie	Punjabi	
Professor (Ms.) Dipti S. Tripathi	Sanskrit	
Professor Chander Sekher	Persian	
Professor N.K. Chaddha	Adult Continuing Education & Extension	
Professor Ashok Vohra	Philosophy	
Professor (Ms.) Ashum Gupta	Psychology	
Professor N.M. Kamal	Urdu	

Statute 9(3)(iii)

All Professors of the Departments

Professor S. Chakrabarti	English
Professor Sumanyu Satpathy	English
Professor Alok Rai	English
Professor Harish Trivedi	English
Professor Malashri Lal	English
Professor M.M. Agarwal	Sanskrit
Professor A. Mariappan	MIL & Literary Studies

Professor R.K. Agnihotri	Linguistics
Professor R.C. Sharma	Linguistics
Professor Tista Bagchi	Linguistics
Professor R. Gargesh	Linguistics
Professor R.K. Gautam	Hindi
Professor Ajay Tiwari	Hindi
Professor Gopeshwar Singh	Hindi
Professor S.P. Singh	Library & Information Science
Professor (Ms.) Shashwati Mazumdar	Germanic & Romance Studies
Professor Anand Prakash	Psychology
Professor N.K. Chadha	Psychology
Professor G. Mishra	Psychology
Professor Ashok Nagpal	Psychology
Professor (Mrs.) Gopa Bhardwaj	Psychology
Professor (Ms.) Vibha Chaturvedi	Philosophy
Professor S.B.F. Husaini	Persian
Professor Rihani Khatoun	Persian

Statute 9(3)(iv)

One Reader and one Lecturer by Rotation according to Seniority

Dr. Naimul Hasal	Lecturer	Arabic
Dr. Rajinder Kumar	Lecturer	Persian
Dr. A.A. Khan	Reader	Persian
Dr. Tanmoy Bhattacharya	Reader	Linguistics
Dr. (Ms.) Tanya Roy	Lecturer	Germanic & Romance Studies
Dr. (Ms.) Minni Sawhney	Reader	Germanic & Romance Studies
Dr. Hirapaul Gangnegi	Lecturer	Buddhist Studies
Dr. R.M. Singh	Reader	Philosophy
Dr. (Ms.) Christal Rashmi Devadawson	Reader	English
Dr. Ajay Verma	Lecturer	Philosophy
Dr. Nandita Basu	Reader	Psychology
Dr. Puran Chand Tandon	Reader	Hindi
Dr. Jaspal Kaur	Lecturer	Punjabi
Ms. Asha Kohli	Lecturer	English
Dr. Abu Bakar Abbad	Lecturer	Urdu
Dr. Ali Javed	Reader	Urdu
Dr. Manjit Singh	Reader	Punjabi
Ms. C. Pramodini Devi	Lecturer	MIL & Literary Studies
Dr. Mithlesh Chaturvedi	Lecturer	Sanskrit
Dr. (Ms.) Ira Raja	Lecturer	English
Dr. Satyamurti	Lecturer	Sanskrit

Statute 9(3)(v)

One Teacher from each College by Rotation according to Seniority

Dr. (Ms.) Vineeta Bhalla	Bharati College
Dr. Prabhat Kumar	Hans Raj College
Sh. V.K. Sharma	Delhi College of Arts & Commerce
Dr. Anubha Mukherjee	Deen Dayal Upadhyaya College
Ms. S.K. Mutatkar	Gargi College
Ms. Rewa Nanda	Maitreyi College
Dr. U. Rustagi	Miranda House
Ms. S. Virmani	Moti Lal Nehru College
Ms. C.P. Bali	Swami Shraddhanand College
Dr. S.K. Chauhan	P.G.D.A.V. College
Dr. V.S. Vidyarthi	Ram Lal Anand College
Ms. Pooja Khanna	Aditi Mahavidyalaya College
Dr. Kusum Gupta	Kalindi College
Dr. (Ms.) Asha Kohli	Kamala Nehru College
Dr. (Ms.) Alka Rakesh	Kirori Mal College
Dr. Saroj Bhardwaj	Lady Shri Ram College
Ms. Veena Arora	Lakshmibai College
Dr. P.K. Srivastava	Maharaja Agrasen College
Sh. S.K. Choudhary	Shri Ram College of Commerce
Dr. M.M. Bhardwaj	Sri Aurobindo College
Dr. (Ms.) Lalita Subbu	Hindu College
Mrs. Indrain Sen	Sri Venkateswara College
Dr. (Ms.) Neera Jain	Vivekananda College
Sh. Pratap Sehgal	Zakir Husain College
Dr. Mithilesh Chaturvedi	Shivaji College
Dr. (Ms.) Shashi Bhardwaj	Mata Sundri College
Dr. Vijay Tankha	St. Stephen's College
Sh. Anil Bhatt	Rajdhani College
Dr. (Ms.) Rekha Awasthy	Dyal Singh College
Dr. (Ms.) Manjit Sethi	S.G.T.B. Khalsa College
Ms. Mamta Singla	Bhagini Nivedita College
Dr. Ramesh Chand Sharma	School of Open Learning
Dr. B.S. Sharma	Satyawati College
Dr. (Ms.) M. Jha	Indraprastha College for Women
Ms. Jayshree Caudhury	Daulat Ram College
Dr. (Ms.) Geeta Sachdeva	Satyawati College

Dr. (Ms.) Meena Nigam
Ms. Jayshree Chaudhary
Ms. V. Khurana
Dr. R.P. Bhardwaj
Dr. R.K. Jain
Ms. Manjari Singh
Dr. (Ms.) Chitra Rani
Dr. Tajinder Kaur
Sh. J.M. Manchanda
Sh. S.K. Kaushal

Dr. (Ms.) S.P. Agrahari
Dr. Purnima Bhardwaj

Shyama Prasad Mukherji College
College of Vocational Studies
Jesus & Mary College
Atma Ram Sanatan Dharma College
Shaheed Bhagat Singh College
Keshav Mahavidyalaya
B.R. Ambedkar College
Sri Guru Nanak Dev College
Shyam Lal College
Indira Gandhi Institute of Physical
Education & Sports Sciences
Daulat Ram College
Sri Venkateswara College

Statute 9(3)(vi)

Co-opted Members

Professor Arunva Sen,
*Indian Statistical Institute,
New Delhi.*

Professor Narayan Gupta,
*Department of History,
Jamia Millia Islamia University.*

Professor Survinirit Mehta,
Panjab University.

Professor Amrit Srinivasan,
*Indian Institute of Technology,
New Delhi.*

Professor D.L. Seth,
C.S.D.S.,
Delhi.

Statute 9(3)(vii)

Nominated by the Academic Council

Professor Namwar Singh

32, Shivalik Apartments, Alaknanda,
New Delhi.

Mr. Grisih Karnad

697, 15th Cross Road, J.P. Nagar, Phase-II,
Bangalore-560078.

Mrs. Vibha Parthasarathy

B-260, Greater Kailash-1, New Delhi-110048.

Professor Partha Chatterjee

Centre for Studies in Social Sciences, R-I,
Baishnabghata, Pantil Township,
Kolkata-700094.

Professor Ashish Nandy

Honorary Fellow, CSDS, 29 Rajpur Road,
Delhi-110054.

SCIENCE

Statute 9(3)(i)

Dean

Professor Surinder Nath	(up to 08.06.2007)
Professor V.K. Bhasin	(up to 07.11.2007)
Professor Rup Lal	(w.e.f. 08.11.2007)

Statute 9(3)(ii)

Heads of the Departments

Professor M.P. Srivastava	Physics & Astrophysics	(upto 15.11.2007)
Professor D.S. Kulshrestha	Physics & Astrophysics	(w.e.f. 16.11.2007)
Professor N.K. Kaushik	Chemistry	(upto 30.04.2007)
Professor V.S. Parmar	Chemistry	(w.e.f. 01.05.2007)
Professor A.K. Bhatnagar	Botany	
Professor P.K. Ghosh	Anthropology	
Professor A.M. Bhola	Geology	
Professor P. Pardha Sardhi	Environmental Biology	
Dr. (Mrs.) Anupa Siddhu	Home Science	
Professor B.P. Srinivasan	Pharmacy	

Statute 9(3)(iii)

Professors other than Heads of the Departments

Physics & Astrophysics

Professor S.P. Tewari	(up to 30.11.2007)
Professor G.K. Chadha	(upto 30.09.2007)
Professor V.K. Gupta	(up to 31.08.2007)
Professor A. Mukherjee	
Professor K.L. Baluja	
Professor Raghuvir Singh	
Professor R.P. Tandon	
Professor G.L. Bhalla	
Professor Sanjay Jain	
Professor B.C. Choudhary	
Professor Debajyoti Choudhury	
Professor Avinash Khare	
Professor P. Das Gupta	
Professor S. Mahajan	
Professor S. Annapoorni	
Professor K. Sreenivas	
Professor H.P. Singh	

Chemistry

Professor P.N. Kapoor
Professor B.S. Garg (upto 30.09.2007)
Professor S.K. Sindhvani (upto 31.10.2007)
Professor Ramesh Chandra
Professor S.M.S. Chauhan
Professor Gurmeet Singh
Professor Pawan K. Mathur
Professor A.K. Bakhshi
Professor S.C. Jain
Professor R.C. Rastogi
Professor Monika Dutta
Professor Rita Kakkar
Professor J.M. Khurana
Professor M. Kidwai

Botany

Professor S.N. Raina
Professor S.K. Sawhney
Professor I. Usha Rao
Professor S.R. Yadav
Professor S.C. Bhatla

Zoology

Professor K. Muralidhar
Professor V.K. Bhasin
Professor A.K. Singh
Professor Madan Mohan Chaturvedi

Anthropology

Professor A.K. Kalla (upto 31.12.2007)
Professor Surinder Nath
Professor A.K. Kapoor
Professor S.L. Malik
Professor V.K. Srivastava
Professor P.C. Joshi
Professor (Mrs.) S. Kapoor
Professor Subhadra Channa
Professor M.P. Sachdeva

Geology

Professor S.K. Tandon
Professor Mihir Deb
Professor Pramod Kumar Verma
Professor V. Sharma
Professor V.N. Bajpai
Professor J.P. Shrivastava
Professor Talat Ahmed
Professor C.S. Dubey

Pharmacy

Professor S.S. Agrawal

Statute 9(3)(iv)

One Reader and one Lecturer by Rotation according to the Seniority from each

Department

Dr. Rakesh Sharma	Lecturer	Environmental Biology	
Dr. S.K. Singh	Reader	Geology	
Dr. Rina Chakrabarti	Reader	Zoology	
Dr. Shahnawaz	Reader	Physics & Astrophysics	
Dr. Rajinder Gupta	Reader	Botany	
Dr. Supriya Kumar Kar	Lecturer	Physics & Astrophysics	
Dr. Harish Chandra	Reader	Chemistry	(up to 06.02.2008)
Dr. S.M. Patnaik	Reader	Anthropology	(up to 06.02.2008)
Dr. Manoj Kumar Singh	Lecturer	Anthropology	(up to 28.08.2007)
Dr. (Mrs.) K.N. Saraswathy	Lecturer	Anthropology	(w.e.f. 29.08.2007)
Dr. (Mrs.) Anju Srivastava	Reader	Zoology	(up to 09.03.2008)

Statute 9(3)(v)

One Teacher concerned by Rotation according to Seniority from each College

Dr. R.K. Garg	St. Stephen's College	(up to 10.1.2008)
Dr. R.K. Trikha	Hans Raj College	(up to 19.5.2008)
Dr. A.K. Verma	Swami Shraddhanand College	(w.e.f. 12.6.2007)
Dr. G.K. Arora	Atma Ram Sanatan Dharma College	
Ms. Anupama	Keshav Mahavidyalaya	
Sh. P. Kakra	R.A.K. College of Nursing	(up to 19.12.2007)
Dr. Y.K. Bhoon	Sri Venkateswara College	
Dr. (Ms.) Manisha Verma	Acharya Narendra Dev College	

Dr. K. Gupta	Miranda House	
Dr. (Mrs.) Usha Vij	Institute of Home Economics	
Ms. Rachna Mohan	Bhagini Nivedita College	(w.e.f. 3.4.2007)
Dr. (Ms.) Inderjeet Kaur Sethi	SGTB Khalsa College	
Dr. Kulvinder Singh	Deen Dayal Upadhyaya College	
Dr. Rajiva Gupta	Shyam Lal College	
Dr. B.B. Handoo	Moti Lal Nehru College	(w.e.f. 27.4.2007)
Dr. (Ms.) Deepa Joshi	Shaheed Rajguru College of Applied Sciences	(w.e.f. 30.4.2007)
Dr. K.S. Balasubramanian	Zakir Husain College	(w.e.f. 27.7.2007)
Sh. S.K. Salhotra	Dyal Singh College	(w.e.f. 27.4.2007)
Dr. (Ms.) Nita Aeron	Moti Lal Nehru College	
Dr. N.K. Gautam	Rajdhani College	(w.e.f. 17.5.2007)
Dr. Anjana Nanchahal	Kalindi College	(w.e.f. 17.5.2007)
Dr. Yogendra Kumar	Sri Aurobindo College	(w.e.f. 17.5.2007)
Ms. Sarita Sobti	Shyama Prasad Mukherji College for Women	(w.e.f. 17.5.2007)
Ms. Preeti Goel	School of Open Learning	(w.e.f. 17.5.2007)
Dr. V.K. Mehta	Shivaji College	(w.e.f. 17.5.2007)
Sh. I.M. Kapahy	Kirori Mal College	(w.e.f. 25.8.2007)
Dr. M.C. Jain	Hindu College	(w.e.f. 17.5.2007)
Ms. Lalita Chadha	Daulat Ram College	(w.e.f. 17.5.2007)

Statute 9(3)(vi)

Co-opted Members

Professor D.K. Chaturvedi	Department of Physics, Kurushetra University, Kurushetra.
Professor Alok R. Ray	Polymer Chemistry Division, Centre of Bio-medical Engineering, IIT, Hauz Khas, New Delhi-110016.
Dr. Adarsh Sharma	Additional Director, National Institute of Public Co-operation and Child Development, 5, Siri Institutional Area, Hauz Khas, New Delhi-110016.
Professor A.K. Jain	Department of Earth Sciences, IIT, Roorkee, Uttaranchal.
Professor Amitabh Joshi	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
Professor P.S. Deshmukh	Division of Plant Physiology, Indian Agriculture Research Institute, New Delhi-110012.

Statute 9(3)(vii)***Nominated by the Academic Council***

Professor S.P. Singh	Department of Human Biology, Punjabi University, Patiala.
Professor S.K. Singh	Ex. Head, Department of Physics, and Dean Faculty of Science, Aligarh Muslim University, Aligarh.
Professor K.R. Gupta	Former Advisor, Department of Science & Technology, Saket, New Delhi.
Professor H.M. Chawla	Department of Chemistry, IIT Delhi, Hauz Khas, New Delhi.
Professor Arif Ali	Bio-Sciences, Jamia Millia Islamia, New Delhi.

LAW**Statute 9(3)(i)*****Dean***

Professor Nomita Aggarwal	-	<i>Chairperson</i>	(up to 30.06.2007)
Professor S.N. Singh	-	<i>Chairman</i>	(w.e.f. 01.07.2007)

Statute 9(3)(ii)***Head***

Professor Nomita Aggarwal	(up to 30.06.2007)
Professor S.N. Singh	(w.e.f. 01.07.2007)

Members

Professor (Mrs.) Usha S. Razdan	Professor (Mrs.) Veena Bakshi
Professor Gurdip Singh	Professor Ashwani Kumar Bansal
Professor S.C. Raina	Professor Ved Kumari
Professor J.L. Kaul	Sh. Suresh Minocha
Professor Poonam Saxena	Justice A.K. Sikri
Sh. Ashwani Kumar Batra	Professor Chandra Sekhar Pillai
Justice Pradeep Nandajog	Sh. Harish Salve
Professor N.R. Madhava Menon	

MEDICAL SCIENCES**Statute 9(3)(i)*****Dean***

Professor P. Kar	(up to 19.10.2007)
Professor (Ms.) Usha Rusia	(w.e.f. 20.10.2007)

Statute 9(3)(ii)***Heads of the Departments***

Professor A.K. Jain	Anaesthesiology (UCMS)	
Professor Shipra Paul	Anatomy (MAMC)	(up to 20.01.2008)
Professor Kamlesh Khatri	Anatomy (UCMS)	(w.e.f. 21.01.2008)
Professor Suman Bala Sharma	Bio-Chemistry (UCMS)	
Professor Suneela Garg	Community Medicine (MAMC)	
Professor Archana Singal	Dermatology and Venerology (UCMS)	
Professor N.K. Aggarwal	Forensic Medicine (UCMS)	
Professor Geeta Mehta	Microbiology (LHMC)	
Professor P. Kar	Medicine (MAMC)	(up to 08.01.2008)
Professor S.K. Jain	Medicine (LHMC)	(w.e.f. 09.01.2008)
Professor Usha Manaktala	Obstetrics & Gynaecology (MAMC)	
Professor B. Ghosh	Ophthalmology (MAMC)	
Professor Anil Kumar Dhall	Orthopaedics (MAMC)	
Professor P.P. Singh	Otorhinolaryngology (UCMS)	
Professor Satinder Aneja	Paediatrics (LHMC)	
Professor Usha Rusia	Pathology (UCMS)	
Professor A. Ray	Pharmacology (VPCI)	
Professor K. Ravi	Physiology (VPCI)	(up to 17.09.2007)
Professor Savita Singh	Physiology (UCMS)	(w.e.f. 18.09.2007)
Professor M.S. Bhatia	Psychiatry (UCMS)	(upto 06.01.2008)
Professor R.C. Jiloha	Psychiatry (MAMC)	(w.e.f. 07.01.2008)
Professor S.K. Chhabra	Pulmonary Medicine (VPCI)	
Professor Gopesh Mehrotra	Radiology & Radio Therapy (UCMS)	
Professor V.K. Ramteke	Surgery (MAMC)	(up to 29.10.2007)
Professor Amit Banerjee	Surgery (MAMC)	(w.e.f. 30.10.2007)

Statute 9(3)(iii)***All Professors of the Departments******Anaesthesiology***

Professor Ashok Kumar Sethi	University College of Medical Sciences
Professor Ajay Kumar Jain	University College of Medical Sciences
Professor Ashok Kumar	University College of Medical Sciences
Professor Rakesh Kumar	Maulana Azad Medical College
Professor Raktima Anand	Maulana Azad Medical College
Professor Jaspal Singh	Maulana Azad Medical College
Professor Rajiv Chawla	University College of Medical Sciences
Professor Aruna Jain	Lady Hardinge Medical College
Professor (Mrs.) Poonam Bhadaria	Maulana Azad Medical College
Professor Ajay Kumar	Lady Hardinge Medical College
Professor Sharmila Ahuja	University College of Medical Sciences

Anatomy

Professor J.M. Kaul	Maulana Azad Medical College
Professor Kamlesh Khatri	University College of Medical Sciences
Professor Jugesh Khanna	University College of Medical Sciences
Professor S.K. Sangri	University College of Medical Sciences
Professor M. Nagar	University College of Medical Sciences
Professor Veena Bharioke	University College of Medical Sciences
Professor Shashi Rajesh	Lady Hardinge Medical College
Professor Rewa Choudhary	Lady Hardinge Medical College
Professor Anita Tuli	Lady Hardinge Medical College

Bio-Chemistry

Professor H.G. Raj	V.P. Chest Institute
Professor B.D. Banerjee	University College of Medical Sciences
Professor J.K. Gambhir	University College of Medical Sciences
Professor Dinesh Puri	University College of Medical Sciences
Professor K.M. Prabhu	University College of Medical Sciences
Professor Sarita Agarwal	Maulana Azad Medical College
Professor S.K. Bansal	V. P. Chest Institute

Community Medicine

Professor Vimal Kishore Gupta	Maulana Azad Medical College
Professor Sanjay Chaturvedi	University College of Medical Sciences
Professor S.K. Bhasin	University College of Medical Sciences
Professor G.K. Ingle	Maulana Azad Medical College
Professor A.T. Kannan	University College of Medical Sciences
Professor A. Indrayan	University College of Medical Sciences
Professor Vibha	Lady Hardinge Medical College
Professor Y. Bansal	Maulana Azad Medical College
Professor S. Nagesh	Lady Hardinge Medical College
Professor Pragati Chhabra	University College of Medical Sciences

Dermatology & V.D.

Professor Vijay Kumar	Maulana Azad Medical College
-----------------------	------------------------------

Forensic Medicine

Professor K.K. Banerjee	University College of Medical Sciences
Professor G.K. Sharma	Lady Hardinge Medical College
Professor S.K. Verma	University College of Medical Sciences
Professor A.K. Tyagi	University College of Medical Sciences
Professor Atul Murari	Lady Hardinge Medical College

Medicine

Professor M.P. Agarwal	University College of Medical Sciences
Professor S.V. Madhu	University College of Medical Sciences
Professor Rajneesh Avasthi	University College of Medical Sciences
Professor O.P. Kalra	University College of Medical Sciences
Professor S. Dwivedi	University College of Medical Sciences
Professor M.K. Bhatnagar	Lady Hardinge Medical College
Professor Sachin Kumar	Dr. Ram Manohar Lohia Hospital
Professor Sachin Kumar Jain	Lady Hardinge Medical College
Professor S.K. Sharma	Lady Hardinge Medical College
Professor Naresh Kumar Gupta	Maulana Azad Medical College
Professor Dharam Pal Bhadoria	University College of Medical Sciences
Professor Sunil Aggarwal	University College of Medical Sciences

Surgery

Professor B.K. Jain	University College of Medical Sciences
Professor Sunil Kumar	University College of Medical Sciences
Professor Sanjay Gupta	University College of Medical Sciences
Professor Arun Gupta	University College of Medical Sciences
Professor Ravi Kant	Maulana Azad Medical College
Professor P.N. Aggarwal	Maulana Azad Medical College
Professor K. Singhal	Maulana Azad Medical College
Professor M.P. Arora	Lady Harding Medical College
Professor Ajay Kumar	Lady Hardinge Medical College
Professor Om Prakash Pathania	Lady Hardinge Medical College
Professor N.S. Hadke	Ram Manohar Lohia Hospital
Professor S. Ashok	Lady Hardinge Medical College
Professor Vivek Agrawal	University College of Medical Sciences
Professor Iqbal Singh	University College of Medical Sciences
Professor Anil Kumar Sarada	Maulana Azad Medical College
Professor R.K. Jindal	Maulana Azad Medical College

Microbiology

Professor V.G. Ramachandran	University College of Medical Sciences
Professor I.R. Kaur	University College of Medical Sciences
Professor D.V. Gadre	University College of Medical Sciences
Professor Ashwani Kumar	University College of Medical Sciences
Professor M.K. Aggarwal	V.P. Chest Institute
Professor S.S. Thukral	V.P. Chest Institute
Professor Anita Chakravarti	Maulana Azad Medical College
Professor Beena Uppal	Maulana Azad Medical College

Professor C.P. Baveja	Maulana Azad Medical College
Professor N.P. Singh	University College of Medical Sciences
Professor Preena Bhalla	Maulana Azad Medical College
Professor M. Bose	V. P. Chest Institute

Obstetrics & Gynaecology

Professor Amita Suneja	University College of Medical Sciences
Professor Neelam Bala Vaid	University College of Medical Sciences
Professor Rewa Tripathi	Maulana Azad Medical College
Professor Shubha Sagar Trivedi	Lady Hardinge Medical College
Professor Neerja Goel	University College of Medical Sciences
Professor Sudha Prasad	Maulana Azad Medical College
Professor Raksha Arora	Maulana Azad Medical College
Professor Swaraj Batra	Maulana Azad Medical College
Professor Usha Gupta	Lady Hardinge Medical College

Ophthalmology

Professor V.P. Gupta	University College of Medical Sciences
Professor (Ms.) Pamela D'Souza	Lady Hardinge Medical College
Professor Jolly Rohtagi	University College of Medical Sciences

Orthopaedics

Professor Sudhir Kumar	University College of Medical Sciences
Professor V.K. Gautam	Maulana Azad Medical College
Professor Ajay Kumar Gupta	Maulana Azad Medical College
Professor Shobha Arora	University College of Medical Sciences
Professor A.K. Jain	University College of Medical Sciences

Otorhinolaryngology

Professor J.K. Sahni	Lady Hardinge Medical College
Professor Arun Kumar Aggarwal	Maulana Azad Medical College
Professor T.S. Anand	Lady Hardinge Medical College
Professor N.N. Mathur	Lady Hardinge Medical College
Professor Laxmi Vaid	University College of Medical Sciences
Professor Anoop Raj	Maulana Azad Medical College

Paediatrics

Professor M.M.A. Faridi	University College of Medical Sciences
Professor Sunil Gomber	University College of Medical Sciences
Professor Anand Prakash	Maulana Azad Medical College
Professor N.B. Mathur	Maulana Azad Medical College
Professor Sangita Yadav	Maulana Azad Medical College

Professor R.N.M. Ravi	Lady Hardinge Medical College
Professor Jagdish Chandra	Lady Hardinge Medical College
Professor Arvind Saili	Lady Hardinge Medical College
Professor A.K. Dutta	Lady Hardinge Medical College
Professor A.P. Dubey	Maulana Azad Medical College
Professor Bimbadhar Rath	Lady Hardinge Medical College

Pathology

Professor Meera Sikka	University College of Medical Sciences
Professor Satendra Sharma	University College of Medical Sciences
Professor Usha Rani Singh	University College of Medical Sciences
Professor V.K. Arora	University College of Medical Sciences
Professor Navjeevan Singh	University College of Medical Sciences
Professor Sarla Aggarwal	University College of Medical Sciences
Professor Tejinder Singh	Maulana Azad Medical College
Professor (Ms.) Arti Bhatia Chhako	University College of Medical Sciences
Professor (Ms.) Kiran Mishra	University College of Medical Sciences
Professor Medha Tatke	G.B. Pant Hospital
Professor Geeta Dev	University College of Medical Sciences
Professor M. Chaudhary	Lady Hardinge Medical College

Pharmacology

Professor S.K. Bhattacharya	University College of Medical Sciences
Professor Pramod Kumari	University College of Medical Sciences
Professor Navesh Khanna	University College of Medical Sciences
Professor K.K. Sharma	University College of Medical Sciences
Professor Uma Tekur	Maulana Azad Medical College

Physiology

Professor K. Ravi	V.P. Chest Institute
Professor Rashmi Babbar	Maulana Azad Medical College
Professor Ajay Kumar Jain	Maulana Azad Medical College
Professor Asha Gandhi	Lady Harding Medical College
Professor Neelima Shankar	University College of Medical Sciences
Professor V.P. Varshney	Maulana Azad Medical College
Professor S.S. Sircar	University College of Medical Sciences

Psychiatry

Professor M.S. Bhatia	University College of Medical Sciences
-----------------------	--

Pulmonary Medicine

Professor S.N. Gaur	V.P. Chest Institute
Professor Ashok Shah	V.P. Chest Institute

Radiology

Professor S.K. Bhargava	University College of Medical Sciences
Professor Rama Anand	Lady Hardinge Medical College
Professor Anil Kumar Bahadur	Maulana Azad Medical College
Professor M.K. Narula	Lady Hardinge Medical College

Dentistry

Professor Mahesh Verma	Maulana Azad Dental College
Professor Namita Kalra	University College of Medical Sciences

Statute 9 (3) (iv)

One Reader and one Lecturer by rotation according to Seniority

Readers

Dr. R.C. Jiloha	Psychiatry (MAMC)
Dr. Anil Arora	Orthopaedics (UCMS)
Dr. Harish Chander Taneja	Otorhinolaryngology (UCMS)
Dr. Navneet Kaur	Surgery (UCMS)
Dr. Archana Singal	Dermat. & Venerology (UCMS)
Dr. Anil Kohli	Forensic Medicine (UCMS)
Dr. Gajender Singh Ranga	Medicine (UCMS)
Dr. J.L. Goyal	Ophthalmology (MAMC)
Dr. Ravinder Kaur	Medical Microbiology (MAMC)
Dr. U.C. Verma	Anaesthesiology (MAMC)
Dr. Manoj Sharma	Radiology (MAMC)
Dr. Ajay Kumar	Paediatrics (MAMC)
Dr. Neelam Vaney	Physiology (UCMS)
Dr. A.K. Sharma	Community Medicine (UCMS)
Dr. Manju Khemani	Obst. & Gynae. (LHMC)

Lecturers

Dr. Vinod Kumar	Orthopaedics (MAMC)
Dr. Aruna Lata Agarwal	Psychiatry (MAMC)
Dr. Satya Vir Singh	Community Medicine (MAMC)
Dr. Richa Dewan	Medicine (MAMC)
Dr. Ritu Arora	Ophthalmology (MAMC)
Dr. Arvind Sali	Paediatrics (LHMC)
Dr. Prem Kumar Bishnoi	Surgery (LHMC)
Dr. Sunita Sharma	Pathology (LHMC)
Dr. Arti Sood Mahajan	Physiology (UCMS)
Dr. Nilima Gupta	Otolaryngology (UCMS)
Dr. Deepika Pandhi	Dermatology & Venaerology (UCMS)
Dr. R.L. Tripathi	Bio-Chemistry (UCMS)

Dr. Mandira Varma
Dr. Asmita Muthal Rathore
Dr. Shalini Gupta
Dr. Balakrishanan Menon
Dr. Munisha Aggarwal

Microbiology (VPCI)
Obstt. & Gyane (MAMC)
Pharmacology (UCMS)
Pulmonary Disease (VPCI)
Anaesthesiology (MAMC)

Statute 9 (3) (vi)

Co-Opted Members

Dr. J.C. Das
Dr. B.B.L. Aggarwal
Dr. Rajesh Kumar

Department of Community Medicine,
P.G.I., Chandigarh.

Dr. V.R. Minocha
Dr. Raminder Sehgal (Retd.)

Retd. Professor of Surgery, UCMS.
Director, Professor and Head Department of
Anaesthesia, MAMC.

Statute 9(3) (vii)

Nominated by the Academic Council

Dr. A. C. Anand

Professor & Head, Deptt. of Medicine, Armed
Force Medical College, Pune.

Dr. Subrat Acharaya

Professor & Head, Gastroenterology, AIIMS.

Dr. Subash Verma

Professor & Head, Medicine, P.G.I., Chandigarh.

Dr. D.D. Kulpati

Senior Consultant, Chest Disease, Sir Ganga Ram
Hospital.

Dr. Y.K. Chawla

Professor & Head, Nephrology, P.G.I., Chandigarh.

TECHNOLOGY

Statute 9(3)(i)

Dean

Professor Parmod Kumar

Statute 9(3)(ii)

Heads of the Departments

Professor Parmod Kumar

Appl. Sci., Electrical Engineering, Information
Technology & Bio-Technology & Computer
Engineering

Professor D. Roy Choudhary

Computer Engineering

Professor Asok De

Electronics & Communication Engineering

Professor J.R.P. Gupta

Instrumentation & Control Engineering

Professor S.K. Singh

Civil Engineering

Professor S. Maji

Mechanical Engineering

Professor S.K. Garg

Production & Industrial Engineering

Statute 9(3)(iii)***All Professors of the Departments***

Professor A. Bhattacharya	Electronics & Communication Engineering
Professor Raj Senani	Electronics & Communication Engineering
Professor P.R. Bose	Civil Engineering
Professor C.K. Dutta	Production & Industrial Engineering
Professor D. Goldar	Civil Engineering
Professor Ashutosh Trivedi	Civil Engineering

Statute 9(3)(vi)***Co-Opted Members***

Dr. (Mrs.) Reva Devi	Department of Civil Engineering, I.I.T. New Delhi.
Dr. N.R. Khan	Head, Department of Electronics & Communication Engineering, J.M.I., New Delhi.
Professor K.K. Biswas	Department of Computer Engineering, I.I.T., New Delhi.

Statute 9(3)(vii)***Nominated by the Academic Council***

Professor V.K. Srivastava	Dean, Industrial Research and Development, I.I.T. New Delhi.	(up to May 2007)
Professor J.N. Dube	Deptt. of Mech. Eng., Inst. of Technology, BHU, Varanasi.	(up to May 2007)
Professor Bhim Singh	Electrical Engg. Deptt. I.I.T., Hauz Khas, New Delhi-110016.	(up to May 2007)
Professor P.K. Bansal	Head, Computer Science and Engg., Thapar Institute of Technology, Patiala (Punjab).	(up to May 2007)
Professor P.K. Kalra	Dean of Resource Planning and Generation, Institute of Technology, Kanpur-208016, U.P.	(up to May 2007)
Professor S.P. Gupta	Head, Department of Electrical Engineering, I.I.T., Roorkee, Roorkee (Uttaranchal).	(w.e.f. June 2007)
Professor Mini S. Thomas	Chairperson, IEEE-WIE, Department of Electrical Engg. Jamia Millia Islamia, Jamia Nagar, New Delhi.	(w.e.f. June 2007)

Professor P.K. Singhal	Head, Department of Computer Science and Engineering, Madhav Institute of Technology, Gwalior-474005 (M.P.)	(w.e.f. June 2007)
Professor Aparna Dixit	Professor of Biotechnology, Jawahar Lal Nehru University, New Mehrauli Road, New Delhi-110067.	(w.e.f. June 2007)
Professor Sneh Anand	Department of Bio-medical Engineering, I.I.T. Hauz Khas, New Delhi-110016.	(w.e.f. June 2007)

SOCIAL SCIENCES

Statute 9(3) (i)

Dean

Professor Bidyut Chakrabarty	(up to 14.10.2007)
Professor Achin Vanaik	(w.e.f. 15.10.2007)

Statute 9(3) (ii)

Heads of the Departments

Professor Sanjay Bhatt	Social Work
Professor S.C. Panda	Economics
Professor H. Ramachandran	Geography
Professor Rajni Palriwala	Sociology
Professor Sreemati Chakrabarti	East Asian Studies
Professor B.P. Sahu	History
Professor S.Z.H. Zafri	History
Professor Achin Vanaik	African Studies

Statute 9(3) (iii)

All Professors of the Departments

Professor Pulin B. Nayak	Economics
Professor B.D. Chatterjee	History
Professor Pami Dua	Economics
Professor Partha Sen	Economics
Professor B.L. Pandit	Economics
Professor Baleshwar Thakur	Geography
Professor Shahid Amin	History
Professor K.M. Shrimali	History
Professor S.Z.H. Zafri	History
Professor R.C. Thakran	History

Professor T.K. Ventakesubramanian	History
Professor H. Ramachandran	Geography
Professor M.P. Singh	Political Science
Professor Achin Vanaik	Political Science
Professor A. Chakravorty	Sociology
Professor Virginius Xaxa	Sociology
Professor Nandini Sunder	Sociology
Professor (Ms.) N. Lahiri	History
Professor Brij Mohan Tankha	East Asian Studies
Professor S. Mukherjee	Political Science
Professor Sushma Batra	Social Work
Professor Satish Desh Pandey	Sociology
Professor (Ms.) Neera Chandhoke	Political Science
Professor Rajni Palriwala	Sociology
Professor Tulsi Patel	Sociology

Statute 9(3) (iv)

One Reader and one Lecturer by rotation according to Seniority

Dr. Janardan Sahu	East Asian Studies
Dr. (Ms.) Anu Kapur	Geography
Dr. Satyajit Singh	Political Science
Dr. Sunil Kumar	History
Ms. V. Ramalakshimi	East Asian Studies
Dr. (Ms.) Jayanti Srivastava	Political Science
Ms. Shahin Sultana	Social Work
Dr. Satyamurti	Sanskrit
Ms. Neera Goyal	Economics
Dr. Sudhir A. Shah	Economics
Sh. Tilla Kumar	Sociology
Dr. Ravinder Ray	Sociology
Dr. Tribhuwan Prasad	African Studies
Dr. Manoj Kumar Jha	Social Work
Dr. Pamela Singla	Social Work
Dr. (Ms.) Aparajita De	Geography

Statute 9(3) (v)

One Teacher from each college by rotation according to Seniority

Ms. Vinay Bhardwaj	Bharati College
Ms. G. Wadhwa	Janki Devi Memorial College
Dr. (Ms.) Swati Yadav	Bhagini Nivedita College
Ms. M. Verma	Janki Devi Memorial College
Dr. Renu Maira	Gargi College
Dr. S. Sachdeva	Kalindi College

Ms. Rena Sewak	Lady Shri Ram College for Women
Sh. Niraj Kr. Singh	Maharaja Agrasen College
Sh. S.K. Nagpal	Ram Lal Anand College
Dr. (Ms.) K. Prabha	Shaheed Bhagat Singh College
Dr. D.N. Gupta	Hindu College
Ms. Shakuntala Gupta	Kamala Nehru College
Sh. R.A. Choudhary	Kirori Mal College
Ms. Malay Neerav	St. Stephen's College
Sh. B. Sundram	Hans Raj College
Ms. M. Sardesai	Jesus & Mary College
Dr. R.D. Panwar	College of Vocational Studies
Sh. Nainu Ram	Shyam Lal College
Sh. Gurdev Sumera	Indraprastha College
Sh. Bir Inder Singh	S.G.T.B. Khalsa College
Sh. Himanshu Roy	Deen Dayal Upadhyaya College
Ms. Harish	Dr. B.R. Ambedkar College
Dr. M.S. Dahiya	Sri Aurobindo College
Ms. J. Lobo	Jesus & Mary College
Sh. Sudhir Kumar Rana	Shri Ram College of Commerce
Ms. Suneel Parashar	Lakshmibai College
Sh. Narender Sharma	Zakir Husain College
Ms. D.K. Narag	Shyama Prasad Mukherji College
Ms. Jasmeet Jubbal	Mata Sundri College
Dr. P.K. Parihar	Dyal Singh College (Eve.)
Dr. S.K. Laroyia	Hans Raj College
Sh. H.N. Raina Kanwar	College of Vocational Studies
Ms. Punam Behari	Miranda House
Ms. P.S. Bharati	Sri Venkateswara College
Sh. Sanjay Rao Ayde	St. Stephen's College
Dr. (Ms.) Inderjeet Kaur	Satyawati College
Ms. Kiran Bhasin	Lady Shri Ram College
Dr. (Ms.) Purnima Bhardwaj	Sri Venkateswara College
Ms. Vishu Bhalla	Maitreyi College
Dr. Parmanand	School of Open Learning
Dr. S.A. Hamideen	Zakir Husain College (Evening)
Sh. Anil Sethi	S.G.T.B. Khalsa College
Dr. J.S. Khokhar	Shri Ram College of Commerce
Ms. Sangita	Deen Dayal Upadhyaya College

Statute 9(3) (vi)***Co-opted Members***

Professor Arunava Sen	Indian Statistical Institute, New Delhi.
Professor D.L. Sheth	C.S.D.S., Delhi.
Professor Survinjit Mehta	Panjab University.
Professor Amrit Srinivasan	Indian Institute of Technology, New Delhi.
Professor Narayani Gupta	Department of History, Jamia Millia Islamia University, New Delhi.

Statute 9(3) (vii)***Nominated by the Academic Council***

Professor Vijay Gupta	Formerly of Centre for West Asian & African Studies, School of International Studies, Jawaharlal Nehru University, New Delhi.
Dr. Sheena Jain	Department of Sociology, Jamia Millia Islamia University, New Delhi.
Professor Narayani Gupta	Department of History, Jamia Millia Islamia University, New Delhi.
Professor Satya Prasanna Das	Indian Statistical Institute, New Delhi.
Professor Saraswati Raju	Centre for the Study of Regional Development, School of Social Sciences, Jawahar Lal Nehru University, New Delhi.

MUSIC AND FINE ARTS**Statute 9(3)(i)*****Dean***

Professor Anjali Mittal	<i>Chairperson</i>
-------------------------	--------------------

Statute 9(3)(ii)***Head***

Professor Anjali Mittal

Statute 9 (3) (iii)***All Professors of the Departments***

Professor Krishna Bisht	Professor Manjushree Tyagi
Professor Najma Perveen Ahmad	Professor Suneera Kasliwal
Professor Sunita Dhar	Professor Deepti Bhalla
Professor Anjali Mittal	Professor Radha V.
Professor Anupam Mahajan	Professor Madhu Bala Saxena
Professor Uma Garg	

Statute 9 (3) (iv)

One Reader and one Lecturer by rotation according to Seniority

Dr. Nupur Roy Choudhury

Dr. P.B. Kanna Kumar

Statute 9 (3) (v)

One Teacher from each College by rotation according to Seniority

Dr. Neeta Mathur

Vivekananda College

Dr. Suniti Dutta

Aditi Mahavidyalaya

Dr. Renu Rajan

Sri Aurobindo College

Dr. Sarita Pathak

Bharati Mahila College

Dr. Prerna Chawla

Janki Devi Mahavidyalaya

Dr. Krishna Choudhury

Lakshmibai College

Dr. Renu Gupta

Kalindi College

Smt. Shruti Kalra

Shyama Prasad Mukherji College for Women

Smt. Gursharan Kaur

Mata Sundri College for Women

Statute 9 (3) (vii)

Nominated by the Academic Council

Professor Paramjeet Singh

Sh. B.L. Sharma

Professor Debu Chaudhuri

Professor L.K. Pandit

Sh. B.R. Verma

MATHEMATICAL SCIENCES

Statute 9(3)(i)

Dean

Professor (Ms.) Manju Lata Agarwal

Statute 9(3)(ii)

Heads of the Departments

Professor S.C. Arora

Mathematics

Professor M.C. Agrawal

Statistics

Professor (Ms.) Manju Lata Agarwal

Operational Research

Dr. (Ms.) Punam Bedi

Computer Science

Statute 9(3)(iii)

All Professors of the Departments

Professor Ajit Iqbal Singh

Mathematics

Professor Dinesh Singh

Mathematics

Professor B.K. Dass

Mathematics

Professor T.B. Singh	Mathematics
Professor Ajay Kumar	Mathematics
Professor Jagdish Saran	Statistics
Professor A.K. Bansal	Statistics
Professor (Ms.) Davinder Bhatia	Operational Research

Statute 9(3)(iv)

One Reader and one Lecturer by rotation according to seniority

Sh. Vusala Ambethkar	Mathematics
Dr. (Ms.) Ranjita Mishra	Statistics
Dr. (Ms.) Preeti Wanti Srivastava	Operational Research
Dr. Vasudha Bhatanagar	Computer Science
Sh. Amit Kumar Bardhan	Operational Research (w.e.f. 07.08.2007)
Dr. (Ms.) Poonam Singh	Statistics
Dr. R.K. Mohanty	Mathematics

Statute 9(3)(v)

One Teacher from each College by rotation according to Seniority

Dr. Babu Ram Gupta	Sri Venkateswara College (w.e.f. 27.04.2007)
Ms. Chitra Sharma	Lakshmibai College
Ms. Sangeeta Sethi	St. Stephen's College
Sh. D. Goswami	Hindu College
Dr. Naseem Ajmal	Zakir Husain College
Sh. Vikas Madan	Shri Ram College of Commerce
Dr. (Ms.) Swaran Khanna	Indraprastha College for Women
Ms. Rashmi Goel	Kirori Mal College,
Dr. Sapna Jain	Miranda House (w.e.f. 30.04.2007)
Dr. Neelam Malhotra	Hans Raj College
Dr. S. Madan	Lady Shri Ram College
Dr. V.P. Mishra	Delhi College of Engineering
Dr. Inderjeet Arora	P.G.D.A.V. College (w.e.f. 23.09.2007)
Dr. (Ms.) P. Arya	Janki Devi Memorial College (w.e.f. 27.04.2007)
Dr. D.R. Jain	Atma Ram Sanatan Dharma College
Ms. Sunderjeet Kaur	S.G.T.B. Khalsa College
Dr. Suman Kumar Verma	School of Open Learning
Ms. Bhawana Kapoor	Gargi College (w.e.f. 27.04.2007)
Sh. N.D. Taneja	Shyam Lal College
Dr. S.H. Raza	Swami Shraddhanand College
Ms. Leena Malik	Mata Sundri College for Women
Ms. Jyoti Varshney	Shaheed Bhagat Singh College
Ms. Neelam Bareja	Kalindi College (w.e.f. 27.04.2007)
Ms. Rajni Gupta	Maitreyi College

Dr. (Ms.) Saroj Sharma	Shivaji College
Dr. Anupam Goel	Moti Lal Nehru College (w.e.f. 19.06.2007)
Dr. (Ms.) C.S. Lalitha	Rajdhani College
Ms. Anita Bakshi	Vivekananda College (w.e.f. 27.04.2007)
Ms. Ishver Rani Manchanda	Dyal Singh College (w.e.f. 27.04.2007)
Sh. Man Mohan Singh	College of Vocational Studies
Ms. Paramjeet Kaur	Deen Dayal Upadhyaya College (w.e.f. 30.04.2007)
Mrs. Reeta Chaoudhary	Acharya Narendra Dev College
Dr. (Ms.) Seema Khurana	Daulat Ram College
Dr. (Ms.) Shobha Bagai	Shyama Prasad Mukherji College for Women
Ms. Arpana Sharma	Keshav Mahavidyalaya (w.e.f. 27.04.2007)
Ms. Punita Saxena	Shaheed Rajguru College of Applied Sciences for Women
Ms. Saroj Gupta	Kamala Nehru College
Dr. Chaitanya Kumar	Delhi College of Arts & Commerce
Ms. Kanta Wadhwa	Satyawati College
Dr. Seema Gupta	Ram Lal Anand College
Dr. (Ms.) Kochu Rani George	Aditi Mahavidyalaya
Sh. Vikas Chaudhary	Bhagini Nivedita College
Sh. Rajiv Aggarwal	Sri Aurobindo College
Dr. (Ms.) Sarla Devi Bhardwaj	Bhim Rao Ambedkar College
Ms. Suruchi Chawla	Shaheed Rajguru College of Applied Sciences for Women
Dr. Manoj Kumar Kantroo	Sri Aurobindo College

Statute 9(3)(vi)

Co-opted Members

Professor Piyush Chandra
Department of Mathematics
IIT Kanpur (UP)

Professor Shyam Sundar
IBM Solutions,
IIT Delhi, Hauz Khas
New Delhi

Professor Dipendra Prasad
School of Mathematics
TIFR, Trombay
Mumbai

Professor C. Mohan
C-55, Vijay Rattan Vihar
Sector-15, Part-I
Gurgaon, Haryana

Dr. S.D. Sharma
Director
Indian Agricultural Statistics Research Institute
Library Avenue, Pusa, New Delhi.

Statute 9(3)(vii)***Nominated by the Academic Council***

Professor Shobha Madan Department of Mathematics IIT Kanpur Kanpur (UP)	Professor Phoolan Prasad Department of Mathematics Indian Institute of Science, Bangalore Bangalore (Karnataka)
Professor Karmeshu School of Computer & Systems Sciences JNU, New Mehrauli Road New Delhi	Professor Arvind Seth Statistical Institute, Delhi Centre 7, SJS Sansanwal Marg New Delhi
Professor A.K. Mittal Department of Industrial & Management Engg. IIT Kanpur, Kanpur (UP).	

EDUCATION***Head of the Department***

Professor Bharati Baveja

All Professors of the Department

Professor Poonam Batra
Professor Krishna Kumar
Professor Shyam B. Menon
Professor Anita Rampal
Professor Rama Mathew
Professor Krishna Maitra

All Readers of the Department

Dr. T. Geetha	Dr. P. Mohan Raju
Dr. Janaki Rajan	Dr. Namita Ranganathan
Dr. Jayshree Mathur	Dr. Alka Behari
Dr. Gaysu Arvind	Dr. Geeta Sahni
Dr. Nirupma Jaimini	Dr. Farida A. Khan
Dr. Shobha Sinha	Dr. Sadhna Saxena
Dr. Sailaja Chennat	Dr. Manju Aggarwal
Dr. Azra Razzack	Dr. Neera Narang
Dr. Pankaj Arora	Dr. Vandana Saxena

All Lecturers of the Department

Mr. C.K. Saluja
Mr. Rumesch Chander
Dr. D. Parimala
Dr. Preeti Tripathi
Ms. Susmita Lakhyani
Mr. Sandeep Kumar
Ms. Ritu Bala

COMMERCE & BUSINESS

Statute 9(3)(i)

Dean

Professor Sanjay K. Jain

Statute 9(3)(ii)

Head

Professor Muneesh Kumar

Statute 9(3)(iii)

All Professors of the Departments

Professor Y.P. Singh	Commerce
Professor Jawahar Lal	Commerce
Professor Bhanu Murthy	Commerce
Professor Sanjay Sehgal	Financial Studies
Professor Sri Ram Khanna	Commerce
Professor A.K. Seth	Commerce
Professor Shirin Rathore	Financial Studies

Statute 9(3)(iv)

One Reader and one Lecturer by rotation in according to Seniority

Readers

Dr. J.P. Sharma	Commerce
Dr. Amitabh Gupta	Financial Studies

Lecturers

Dr. Abha Shukla	Commerce
Dr. Manica Singhania	Financial Studies

Statute 9(3)(v)

One Teacher from each College by rotation according to Seniority

Ms. Neeru Malhotra	Acharya Narendra Dev College
Ms. Rajeev Kaur	Aditi Mahavidyalaya
Ms. Poonam Mittal	Bhim Rao Ambedkar College
Dr. (Ms.) Indu Jain	Daulat Ram College
Sh. N.K. Ken	Shaheed Bhagat Singh College
Sh. V.P. Jain	Dyal Singh College
Ms. Abha Wadhwa	Deen Dayal Upadhyaya College
Sh. M.N. Arora	Hans Raj College
Dr. (Ms.) Ushakrishna	Janki Devi Memorial College
Ms. Kavita Sangari	Kalindi College
Sh. Pradeep Kumar	Keshav Mahavidyalaya
Dr. S. Sardana	Lady Shri Ram College
Ms. Nirmal Jain	Maharaja Agrasen College
Ms. Sharda Garg	Mata Sundri College
Dr. S.C. Garg	School of Open Learning
Dr. R.S. Aggarwal	Shri Ram College of Commerce
Ms. Gunjeet Kaur	Shri Guru Govind Singh College of Commerce
Dr. V.P. Choudhary	Ram Lal Anand College
Dr. (Ms.) Veena Jain	Vivekananda College
Dr. R.R. Bari	Zakir Husain College (Eve.)
Sh. R.C. Wadhwa	Satyawati College
Dr. N.D. Vohra	Ramjas College
Sh. A.P. Suri	A.R.S.D. College
Ms. Pushpa Kumari	Bhagini Nivedita College
Dr. (Ms.) Poonam	Bharati College
Ms. Neera Arya	College of Vocational Studies
Mr. R.L. Mittal	Deshbandhu College (Eve.)
Dr. S.S. Bawa	Delhi College of Arts & Commerce
Ms. Geeta Kitchlu	Gargi College
Ms. Archana Gupta	Indraprastha College for Women
Dr. (Ms.) R. Singhal	Jesus and Mary College
Dr. G.P. Mishra	Shivaji College
Ms. Alka Aggarwal	Kamala Nehru College
Dr. S.P. Gupta	Kirori Mal College
Ms. Neeta Bareja	Lakshmibai College
Dr. Ramesh Mandhan	Maitreyi College
Sh. S.K. Jindal	Rajdhani College
Sh. H.V. Jhamb	S.G.T.B. Khalsa College
Mrs. Renu Gupta	S.P. Mukherjee College
Dr. G.K. Varshney	Shyam Lal College
Sh. S.K. Gupta	Sri Aurobindo College
Dr. N.L. Sharma	Swami Shraddhanand College
Sh. Ved Prakash Jain	Sri Venkateswara College

Statute 9(3)(vii)***Nominated by the Academic Council***

Professor S.P. Srivastava

Professor I.M. Pandey

Professor N.V. Narasimham

Dr. A.K. Singh

Ms. Niti Sury

Dr. Dinesh K. Gupta

Professor Navin Mathur

Special Invitee

Special Invitee

INTER-DISCIPLINARY AND APPLIED SCIENCES***Dean***

Professor R.C. Kuhad

Other Members

Professor D.P. Sarkar

Professor A.K. Pradhan

Professor P.K. Bhatnagar

Professor E.K. Sharma

Professor J.P. Khurana

Professor T. Satyanarayana

Professor Anil Grover

Professor V.K. Chaudhary

Dr. Subhendu Ghosh

Dr. J.S. Virdi

Dr. P.K. Mehta

Dr. R.K. Gupta

Mr. Amit Garg

Dr. Arti Nigam

Dr. Geeta Mongia

Dr. Rashmi Wardhan

Dr. D.K. Kansal

Dr. (Ms.) Maneet Dhir

Professor Akhilesh K. Tyagi

Professor S. Srivastava

Professor A.K. Tyagi

Professor R.S. Gupta

Professor Paramjit Khurana

Professor R.K. Saxena

Professor P.C. Ghosh

Professor A.K. Verma

Dr. (Ms.) Mridula Gupta

Dr. P.K. Burma

Dr. Sanjay Kapoor

Dr. (Ms.) Shobhna Chandra

Dr. (Ms.) Poonam Kasturi

Dr. Anita Kapila

Dr. (Ms.) Sarita Nanda

Dr. Bijay Kumar Kuanr

Dr. S.K. Srivastava

Dr. Amit Sehgal

AYURVEDIC AND UNANI MEDICINES***Members***

Dr. B.N. Sinha

Dr. K.K. Sijoria

Dr. Ahmed Yasin

Dr. Surinder Kaur

Professor J.N. Mishra

Professor S.M. Ashraf

Professor Naem Ahmad Khan

Md. Anis Ansari

Professor Rakesh Pawar

Dr. C.P. Duley

Dr. Abdul Hafeez

Hkm. Abdul Hafeez

Hkm. Syed Mohd. Akbar Rizvi

Professor Jyoti Mitra

Dr. M.M.H. Siddiqui

Dr. V.V. Chikkara

Dr. Dayashanker Mishra

Dr. M. Akhtar Siddiqui

MANAGEMENT STUDIES

Dean

Professor J.K. Mitra

Head

Professor J.K. Mitra

Members

Professor A.S. Narag

Professor Raghav Gaiha

Professor R.S. Dhankar

Professor Vijay Kapur

Professor Vivek Suneja

Dr. H.D. Gupta

Dr. Sunil Sharma

Dr. Harsh Vardhan Verma

Dr. Ajay Pandit

Dr. Mala Sinha

Dr. Kavita Singh

Dr. Anupama Vohra

Dr. Amit Bardhan

Dr. Debaduyti Das

Professor V.K. Bhalla

Professor K. Mamkoottam

Professor M.L. Singla

Professor Sunita Singh Sengupta

Professor V.K. Seth

Professor Madhu Vij

Dr. Simrit Kaur

Dr. S.K. Tuteja

Dr. Preetam Khandelwal

Dr. A. Venkat Raman

Dr. Tanuja Aggarwal

Dr. Monica Singhania

Dr. Pankaj Sinha

Mr. Hamendra Dangi

MEMBERS OF THE BOARD OF RESEARCH STUDIES

HUMANITIES

Chairman

Professor R.C. Sharma

(up to 30.08.2007)

Professor N.K. Chadha

(w.e.f. 31.08.2008)

Arabic

Professor M.N. Khan

— Head

Dr. Wali Akhtar

Dr. Naimul Hasan

Sh. Anisur Rehman

— Lecturer, Zakir Husain College

Buddhist Studies

Professor Bhikshu Satyapala

— Head

Professor K.T.S. Sarao

Dr. S. Pavagadhi

English

Professor Shormistha Panja — Head
Professor Shirshender Chakraborti
Dr. C.R. Devadawson
Dr. Ira Raja

Germanic and Romance Studies

Professor (Ms.) Shashwati Mazumdar — Head
Professor (Mrs.) Vibha Maurya
Dr. Kusum Aggarwal
Dr. (Ms.) Manish Taneja

Hindi

Professor Ramesh Gautam — Head
Professor S. Pachouri
Dr. K.D. Sharma
Dr. V.S. Vidyarthi

Linguistics

Professor R.C. Sharma — Head
Professor R. Gargesh
Dr. Tanmoy Bhattacharya
Sh. Pradeep Kumar

Modern Indian Language and Literary Studies

Professor Nandita Basu — Head
Professor A. Mariappan
Dr. G. Rajagopal
Dr. T.S. Satyanath

Punjabi

Professor Kuljit Shellie — Head
Dr. Manjit Singh
Dr. Harcharan Kaur — Lecturer, Maitreyi College

Sanskrit

Professor Dipti Sharma Tripathi — Head
Professor Madan Mohan Agrawal
Dr. Saroj Bhardwaj
Dr. (Ms.) Shano Grover — Reader, Vivekananda College
Dr. Girish Pant — Lecturer, Deshbandhu College
Dr. Sri Vats — Moti Lal Nehru College

Slavonic & Finno-Ugrian Studies

Professor S.K. Vij	—	Head
Professor R.K. Nagpal		
Dr. Ranjana Saxena		

Urdu

Dr. N.M. Kamal	—	Head
Dr. T.A. Khan	—	Reader
Dr. A.B. Abbad	—	Lecturer
Dr. Abdul Aziz	—	Lecturer, Zakir Husain College
Dr. Qudsia Qureshi	—	Lecturer, Satyawati College

Persian

Professor Chander Shekhar	—	Head
Dr. Allem Ashraf Khan		
Dr. Rajinder Kumar		
Dr. Mehmood Fayyaz	—	Zakir Husain College (Eve.)

Philosophy

Professor Ashok Vohra	—	Head
Dr. R.M. Singh		
Dr. Ajay Verma		
Dr. M. Mazumdar	—	Kamala Nehru College
Dr. Vijay Tankha	—	St. Stephen's College

African Studies

Professor Bidyut Chakrabarti	—	Head
Professor Achin Vanaik		
Dr. Tribhuwan Prasad		

East Asian Studies

Professor Sreemati Chakrabarti	—	Head
Ms. V. Ramalakshmi		
Dr. B.M. Tankha		
Sh. K.C. Mathur		

Commerce

Professor Sanjay Kumar Jain	—	Head
Dr. A.K. Seth		
Dr. J.P. Sharma		
Ms. Abha Shukla		

Education

Professor (Ms.) Bharati Baveja — Head
Professor Poonam Batra
Dr. Janki Ranjan
Sh. Rumesh Chander

Economics

Professor Santosh Chandra Panda — Head
Professor P.B. Nayak
Dr. Aditya Bhattacharya

Business Management and Industrial Administration

Professor J.K. Mitra — Head
Professor M. Mamkoottam

Geography

Professor H. Ramachandran — Head
Dr. Barkatullah Khan
Dr. R.B. Singh
Dr. Aninditta Datta

History

Professor B.P. Sahoo — Head (up to July 2007)
Professor S.Z.H. Jafri — Head (w.e.f. July 2007)
Dr. Arub Banerjee

Political Science

Professor Bidyut Chakrabarti — Head
Professor Achin Vanaik
Professor Subrata Mukherjee
Dr. Nivedita Menon
Dr. Ashish Kumar Ghosh — Dyal Singh College (Evening)
Dr. Sharda Jain — Kalindi College

Social Work

Professor S.L. Tandon — Head
Professor Sushma Batra
Sh. Manoj Kumar Jha
Mrs. Neera Agnimitra

Sociology

Professor Rajni Palriwala — Head
Professor Nandini Sunder
Dr. Rabinder Ray
Sh. Tila Kumar

Financial Studies

Professor Sanjay Sehgal — Head
Professor Muneesh Kumar
Dr. Nidhi Jain
Ms. Monika Singhania

Business Economics

Dr. V.K. Kaul — Head
Professor Rashmi Aggarwal
Dr. Deepa Saran
Dr. Ananya Ghosh Dastidar

Psychology

Professor Ashum Gupta — Head
Professor Ashok Nagpal
Dr. S.P.K. Jena

Library & Information Science

Dr. S.P. Singh — Head
Dr. Shailender Kumar
Dr. Parmajeet Kaur Walia

Adult Continuing Education & Extension

Professor N.K. Chadha — Head

Mathematics

Professor S.C. Arora — Head
Professor B.K. Dass
Dr. Vishnu Gupta
Dr. V. Ambethkar

Operational Research

Professor Manju Lata Aggarwal — Head
Professor P.K. Kapur
Dr. Chandra K. Jaggi
Dr. Veena Jain — Lecturer, Deen Dayal Upadhyaya College

Statistics

Professor M.C. Aggarwal	—	Head
Professor Jagdish Saran		
Dr. Gurpreet Grover		

Computer Science

Dr. (Mrs.) Punam Bedi	—	Head
Dr. Vasudha Bhatnagar		
Dr. Archana Singhal	—	Indraprastha College
Dr. Anita Goel	—	Dyal Singh College

SCIENCE

Chairman

Professor M.P. Srivastava	(up to 27.11.2007)
Professor Rup Lal	(up to 03.12.2007)
Professor V.S. Parmar	(w.e.f. 04.12.2007)

Heads of the Departments

Professor M.P. Srivastava	Physics & Astrophysics	(up to 15.11.2007)
Professor D.S. Kulshrestha	Physics & Astrophysics	(w.e.f. 16.11.2007)
Professor N.K. Kaushik	Chemistry	(up to 30.04.2007)
Professor V.S. Parmar	Chemistry	(w.e.f. 01.05.2007)
Professor A.K. Bhatnagar	Botany	
Professor V.K. Bhasin	Zoology	(up to 07.11.2007)
Professor Rup Lal	Zoology	(w.e.f. 08.11.2007)
Professor Surinder Nath	Anthropology	(up to 30.12.2007)
Professor P.K. Ghosh	Anthropology	(w.e.f. 01.01.2008)
Professor A.M. Bhola	Geology	
Professor P. Pardha Saradhi	Environmental Biology	
Dr. Daman Saluja,	ACBR	
Professor B.P. Srinivasan	Pharmacy	
Dr. Anupa Siddhu	Home Science	
Professor Mihir Deb	School of Environmental Studies	

Professors

Professor K.L. Balulja	Physics & Astrophysics	(w.e.f. 9.4.2007)
Professor S.M.S. Chauhan	Chemistry	
Professor (Ms.) I. Usha Rao	Botany	(up to 15.10.2007)
Professor S.K. Sawhney	Botany	(w.e.f. 11.12.2007)

Professor A.K. Singh	Zoology	
Professor S.L. Malik	Anthropology	(up to 4.12.2007)
Professor Vinay Kumar Srivastava	Anthropology	(w.e.f. 7.12.2007)
Professor V.N. Bajpai	Geology	

Readers

Dr. Shahnawaz	Physics & Astrophysics	(up to 05.06.2007)
Dr. Binay Kumar	Physics & Astrophysics	(w.e.f. 21.08.2007)
Dr. Shrikant Kukreti	Chemistry	
Dr. D.B. Sahoo	Botany	(w.e.f. 4.4.2007)
Dr. Rina Chakrabarti	Zoology	
Dr. S.M. Patnaik	Anthropology	
Dr. A. Chattopadhyay	Geology	(up to 31.08.2007)
Dr. Pankaj Srivastava	Geology	(w.e.f. 01.09.2007)
Dr. Kumud Khanna	Home Science	

LAW

Professor Nomita Aggarwal	-	Chairperson	(up to 30.06.2007)
Professor S.N. Singh	-	Chairman	(w.e.f. 01.07.2007)
Justice A.K. Sikri	-		(up to 20.08.2007)
Justice Sanjiv Khanna	-		(up to 20.08.2007)
Professor V.K. Aggarwal	-		(up to 20.08.2007)
Professor Vijay K. Gupta	-		(w.e.f. 21.08.2007)
Professor B.C. Nirmal	-		(w.e.f. 21.08.2007)
Professor S.K. Bhatnagar	-		(w.e.f. 21.08.2007)

MEDICAL SCIENCES

Dean

Professor P. Kar		(up to 19.10.2007)
Professor Usha Rusia		(w.e.f. 20.10.2007)
Professor Sudhir Kumar	-	Chairman

Heads of the Departments

Professor A.K. Jain	Anaesthesiology (UCMS)	
Professor Shipra Paul	Anatomy (MAMC)	(up to 20.01.2008)
Professor Kamlesh Khatri	Anatomy (UCMS)	(w.e.f. 21.01.2008)
Professor S.B. Sharma	Bio-Chemistry (UCMS)	
Professor Suneela Garg	Community Medicine (MAMC)	
Professor Archana Singhal	Dermatology and Venereology (UCMS)	
Professor N.K. Aggarwal	Forensic Medicine (UCMS)	

Professor Geeta Mehta	Microbiology (LHMC)	
Professor P. Kar	Medicine (LHMC)	(up to 08.01.2008)
Professor S.K. Jain	Medicine (LHMC)	(w.e.f. 09.01.2008)
Professor Usha Manaktala	Obstetrics & Gynaecology (MAMC)	
Professor B. Ghosh	Ophthalmology (MAMC)	
Professor Anil Kumar Dhal	Orthopaedics (MAMC)	
Professor P.P. Singh	Otorhinolaryngology (UCMS)	
Professor S. Aneja	Paediatrics (LHMC)	
Professor Usha Rusia	Pathology (UCMS)	
Professor A. Ray	Pharmacology (VPCI)	
Professor K. Ravi	Physiology (VPCI)	(up to 17.09.2007)
Professor Savita Singh	Physiology (UCMS)	(w.e.f. 18.09.2007)
Professor M.S. Bhatia	Psychiatry (UCMS)	(up to 06.01.2008)
Professor R.C. Jiloha	Psychiatry (MAMC)	(w.e.f. 07.01.2008)
Professor S.K. Chhabra	Pulmonary Medicine (VPCI)	
Professor Gopesh Mehrotra	Radiology (UCMS)	
Professor V.K. Ramteke	Surgery (MAMC)	(up to 29.10.2007)
Professor Amit Banerjee	Surgery (MAMC)	(w.e.f. 30.10.2007)

Nominated by the Academic Council

Professor S.K. Sharma	Medicine (AIIMS)	(w.e.f. 12.06.2007)
Professor Ashok Kumar	Medicine (AIIMS)	(up to 20.04.2007)
Professor Y.K. Joshi	Gastroenterology (AIIMS)	(w.e.f. 12.06.2007)
Professor R.K. Tandon	Gastroenterology (AIIMS)	(up to 20.04.2007)

Persons nominated by the Faculty

Professor Sudhir Kumar	Orthopaedics (UCMS)	(w.e.f. 21.03.2007)
Professor S.K. Bhasin	Community Medicine (UCMS)	(w.e.f. 21.03.2007)
Professor Amit Banerjee	CTVS (G.B. Pant Hospital)	(w.e.f. 21.03.2007)

Heads of the Institutions/Colleges

- The Dean, Maulana Azad Medical College.
- The Principal, Lady Hardinge Medical College.
- The Principal, University College of Medical Sciences.
- The Medical Superintendent, Safdarjung Hospital.
- The Medical Superintendent, Dr. R.M.L. Hospital.
- The Medical Superintendent, Kasturba Hospital.
- The Director, V.P. Chest Institute.
- The Director, G.B. Pant Hospital.
- The Director, Institute of Human Behaviour & Allied Sciences.
- The Director, National Institute of Health & Family Welfare.
- The Commandant, Army Hospital.

TECHNOLOGY

Professor Parmod Kumar (*Dean*) - *Chairman*

Other Members

Professor D. Goldar, Principal, Delhi College of Engineering
Professor Ranjit Singh, Director Netaji Subhas Instt. of Technology
Professor A. Bhattacharya, Director, Delhi College of Engineering

Heads of the Departments

Professor Parmod Kumar, Appl. Sci., Electrical Engineering, Information Technology,
Bio-Technology & Computer Engineering
Professor Asok De, Electrical Communication Engineering
Professor J.R.P. Gupta, Instrumentation and Control Engineering, NSIT
Professor S.K. Singh, Civil Engineering
Professor S. Maji, Mechanical Engineering
Professor S.K. Garg, PE
Professor D. Roy Choudhary, Computer Engineering

Nominated by the Academic Council

Professor D.P. Kothari	Vice-Chancellor, VIT Deemed University, Vellore, Tamil Nadu.
Professor Vinod Kumar	Electrical Engineering, IIT, Roorkee.
Professor V.K. Sehgal	Civil Engineering, NIT, Kurukshetra, Haryana.

INTER-DISCIPLINARY AND APPLIED SCIENCES

Chairman

Professor S. Srivastave

Dean

Professor R.C. Kuhad

Other Members

Professor A.K. Pradhan	Professor A.K. Verma
Professor E.K. Sharma	Professor Anil Grover
Professor R.K. Saxena	Professor P.C. Ghosh
Dr. M.K. Das	Professor Paramjit Khurana
Dr. Mridula Gupta	Dr. J.S. Viridi
Dr. M.V. Rajam	Dr. Swati Saha
Dr. S. Ghosh	Dr. Kiran Sandhu
Dr. D.K. Kansal	

MANAGEMENT STUDIES

Dean

Professor J.K. Mitra

Head

Professor J.K. Mitra

All Professors of the Departments

Professor A.S. Narag

Professor Raghav Gaiha

Professor R.S. Dhankar

Professor Vijay Kapur

Professor Vivek Suneja

Dr. H.D. Gupta

Dr. Sunil Sharma

Dr. Harsh Vardhan Verma

Professor V.K. Bhalla

Professor K. Mamkootam

Professor M.L. Singla

Professor Sunita Singh Sengupta

Professor V.K. Seth

Professor Madhu Vij

Dr. Simrit Kaur

MUSIC AND FINE ARTS

Chairperson

Professor Anjali Mittal

Member

Pt. R.C. Bhatt

401, Satpura, Apartments, Kaushambi
Complex, Ghaziabad.

Professor Asha Pandey

Department of Music & Dance, Kurukshetra
University, Kurukshetra.

Dr. N. Indira Devi

B3/97B, Lawrence Road, New Delhi.

EDUCATION

Professor Bharti Baveja

Dr. Namita Ranganathan

Professor Poonam Batra

Mr. Rumesch Chander

AYURVEDIC MEDICINE

Dr. B.N. Sinha

Dr. K.K. Sijoria

Dr. Ahmad Yasin

Dr. Ajay Kumar K. Sharma

Dr. V.N. Pandey

Dr. C.P. Dubey

Dr. Abdul Hafeez

Dr. T.A. Siddiqui

Professor M.A. Jafri

UNIVERSITY REPRESENTATIVES ON THE GOVERNING BODIES OF THE COLLEGES/HOSTELS

NORTH CAMPUS

University Maintained Colleges

AGRICULTURAL ECONOMICS RESEARCH CENTRE

Professor Shiela Bhalla	<i>Chairperson</i>	(up to 11.10.2007)
Professors G.K. Chadha	<i>Chairman</i>	(w.e.f. 12.10.2007)
Professor Ramesh Chand	Expert Member	
Professor T.S. Popola	Expert Member	
Professor Abhijit Sen	E.C. Nominee	
Professor Pronab Sen	Expert Member	

Dr. B.R. AMBEDKAR CENTRE FOR BIO-MEDICAL RESEARCH

Professor Ranjit Roy Choudhary	<i>Chairman</i>	(up to 19.08.2007)
Professor S.K. Tandon (Pro-Vice-Chancellor)	<i>Chairman</i>	(w.e.f. 20.08.2007)

Nominated by the Executive Council

Professor Anita Dighe		(up to 19.08.2007)
Professor Rajendra Prashad		(w.e.f. 20.08.2007)
Professor P.V. Indira Sen		(up to 19.08.2007)
Professor Nishi Madan		(w.e.f. 20.08.2007)
Professor Sneha Bhargava		(up to 19.08.2007)
Professor Dinesh Singh		(w.e.f. 20.08.2007)
Dr. V.S. Chauhan		(up to 19.08.2007)
Professor Nayanjot Lahiri		(w.e.f. 20.08.2007)

KIRORI MAL COLLEGE

Professor D.B. Gupta	-	<i>Chairman</i>	(up to 17.12.2007)
Professor Shirin Rathore	-	<i>Chairperson</i>	(w.e.f. 18.12.2007)

Nominated by the Executive Council

Sh. M.S. Ganesh
Sh.. S.V.S. Juneja
Sh. B. Rai

Ms. Kiran Aggarwal
Professor Partha Sen
Professor S.C. Bhatla
Professor R.K. Nagpal
Professor M.C. Agarwal
Professor Ajay Kumar

(up to 02.02.2008)
(w.e.f. 03.02.2008)

MIRANDA HOUSE

Dr. Manju Sharma - *Chairperson*

Nominated by the Executive Council

Professor K. Sreenivas
Professor Ravinder Gargesh
Professor Sunil Kumar
Professor Ashok Nagpal
Professor Shormistha Panja
Professor K. Mamkoottam
Ms. Shovna Narayanan
Ms. Sunita Gupta

(up to 03.10.2007)
(w.e.f. 04.10.2007)
(up to 03.10.2007)

SCHOOL OF OPEN LEARNING

Dr. Savita M. Datta - *Chairperson*

Nominated by the Executive Council

Professor Shobit Mahajan
Professor J.K. Mitra
Professor Poonam Batra
Sh. Prakash Chander Seth
Professor Ashok Nagpal
Professor Snehlata Tandon
Professor I.P. Singh

UNIVERSITY COLLEGE OF MEDICAL SCIENCES & G.T.B. HOSPITAL

Professor S.K. Tandon - *Chairman*

Nominated by the Executive Council

Professor S.K. Sareen
Professor Surinder Nath
Professor V.K. Bhasin
Professor Rup Lal

(up to 22.06.2007)
(up to 10.12.2007)
(w.e.f. 11.12.2007)

V.P. CHEST INSTITUTE

Professor N.K. Ganguli - Chairman

Nominated by the Executive Council

Professor J.N. Pandey
Professor Rup Lal
Professor S.K. Vij

DELHI GOVERNMENT MAINTAINED COLLEGES

ADITI MAHAVIDYALAYA

University Representative

Professor Sanjay Bhatt (up to 30.12.2007)
Professor Amar Farooqi (w.e.f. 31.12.2007)
Professor (Ms.) Sreemati Chakrabarti

BHAGINI NIVEDITA COLLEGE

University Representative

Professor (Mrs.) Krishna Maitra (up to 20.11.2007)
Professor Vibha Chaturvedi (w.e.f. 21.11.2007)
Professor Tista Bagehi

BHARATI COLLEGE

University Representative

Professor R.K. Agnihotri
Professor Farhat Hassan
Professor Rita Kakkar

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES

University Representative

Professor Enakshi Sharma
Professor R.C. Rastogi

BHIM RAO AMBEDKAR COLLEGE

University Representative

Professor Sudhish Pachauri
Professor B.P. Sahu

DEEN DAYAL UPADHYAYA COLLEGE

University Representative

Professor V.K. Bhasin
Professor S.C. Bhatla

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES

University Representative

Professor Anand Prakash	(up to 11.11.2007)
Professor R. Gargesh	(w.e.f. 12.11.2007)
Professor Nirmalangshu Mukherjee	(up to 26.03.2008)
Professor Pammi Dua	(w.e.f. 27.03.2008)

KALINDI COLLEGE

University Representative

Professor Ajay Kumar Tiwari	(up to 26.09.2007)
Professor Harimohan Sharma	(w.e.f. 27.09.2007)
Professor Ashum Gupta	

KESHAV MAHAVIDYALAYA

University Representative

Professor Rajiv Verma
Professor S.C. Panda

LAKSHMIBAI COLLEGE

University Representative

Professor Najma Parveen Ahmed	
Professor T.K.V. Subramanian	(up to 03.10.2007)
Professor Achin Vanaik	(w.e.f. 4.10.2007)

MAHARAJA AGRASEN COLLEGE

University Representative

Professor B.P. Sahoo
Professor K. Sreeniwas

MAHARISHI VALMIKI COLLEGE OF EDUCATION

University Representative

Professor Avinash Khare
Professor Rama Mathew (up to 13.04.2007)
Professor Shaswati Mazumadar (w.e.f. 14.04.2007)

RAJDHANI COLLEGE

University Representative

Professor D.S. Kulshrestha
Professor Nomita Aggarwal (up to 15.05.2007)
Professor Nayanjot Lahiri (up to 03.09.2007)
Professor Satish Deshpande (w.e.f. 04.09.2007)

SATYAWATI COLLEGE

University Representative

Professor Shormistha Panja (up to 01.09.2007)
Professor Upinder Singh (w.e.f. 03.09.2007)
Professor A.K. Bhatnagar (up to 26.03.2008)
Professor H. Ramchandra (w.e.f. 27.03.2008)

SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES

University Representative

Professor J.P. Khurana
Professor R.M. Mehra

SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES

University Representative

Professor Y.P. Singh
Professor Sanjay Sehgal (up to 28.08.2007)
Professor J.K. Mitra (w.e.f. 29.08.2007)

SHIVAJI COLLEGE

University Representative

Professor Y.P. Singh
Professor M. Kidwai

SHYAMA PRASAD MUKHERJI COLLEGE FOR WOMEN

University Representative

Professor R.C. Thakran
Professor Kuljeet Shellie

SWAMI SHRADDHANAND COLLEGE

University Representative

Professor Ramesh K. Gautam
Professor S.C. Jain (up to 02.07.2007)
Professor Sanjay Jain (w.e.f. 03.07.2007)

VIVEKANANDA COLLEGE

University Representative

Professor S.K. Aggarwal
Professor Vibha Maurya

PRIVATE TRUST COLLEGES

AMAR JYOTI INSTITUTE OF PHYSIOTHERAPY

University Representative

Professor S. Satpathy (up to 05.11.2007)
Professor B.K. Thelma (w.e.f. 06.11.2007)
Professor V.K. Bhasin (up to 28.11.2007)
Professor Amar Farooqi (w.e.f. 29.11.2007)

DAULAT RAM COLLEGE

University Representative

Professor M.C. Aggarwal (up to 10.01.2008)
Professor Subramaniam Annapoorni (w.e.f. 11.01.2008)
Professor Ajay Tiwari

HANS RAJ COLLEGE

University Representative

Professor S.K. Aggarwal
Professor Pawan Mathur

HINDU COLLEGE

University Representative

Professor P.B. Nayak (up to 30.08.2007)
Professor B.L. Pandit (w.e.f. 31.08.2007)
Professor S.C. Arora

INDRAPRASTHA COLLEGE FOR WOMEN

University Representative

Professor Manjushree Tyagi
Professor (Mrs.) Sushma Batra (up to 14.02.2008)
Professor Ashwini Deshpande (w.e.f. 15.02.2008)

JANKI DEVI MEMORIAL COLLEGE

University Representative

Professor Achin Vanaik (up to 04.10.2007)
Professor T.K.V. Subramanian (w.e.f. 05.10.2007)
Professor Pami Dua (up to 29.03.2008)
Professor Nirmalangshun Mukherjee (w.e.f. 30.03.2008)

LADY IRWIN COLLEGE

University Representative

Professor A.K. Bakshi
Professor B.K. Thelma (up to 02.11.2007)
Professor S.C. Panda (w.e.f. 03.11.2007)

MATA SUNDRI COLLEGE FOR WOMEN

University Representative

Professor Tulsi Patel	(up to 08.12.2007)
Professor Anita Rampal	(w.e.f. 09.12.2007)
Professor Rajni Palriwala	(up to 26.09.2007)
Professor Tista Bagchi	(w.e.f. 27.09.2007)

RAMJAS COLLEGE

University Representative

Professor B.P. Sahu
Professor Rajiva Verma

SHRI RAM COLLEGE OF COMMERCE

University Representative

Professor M.L. Singla	
Professor A.K. Seth	(up to 15.10.2007)
Professor J.K. Mitra	(w.e.f. 16.10.2007)

SHYAM LAL COLLEGE

University Representative

Professor Meenakshi Thapan	(up to 07.08.2007)
Professor (Ms.) Nandini Sundar	(w.e.f. 08.08.2007)
Professor S.C. Panda	(up to 10.11.2007)
Professor P.B. Nayak	(w.e.f. 11.11.2007)

SRI GURU GOBIND SINGH COLLEGE OF COMMERCE

University Representative

Professor A.K. Seth	
Professor K.B. Bhanumurthy	(up to 26.09.2007)
Professor Aditya Bhattacharjea	(w.e.f. 28.09.2007)

SRI GURU TEGH BAHADHUR KHALSA COLLEGE

University Representative

Professor Vijay Kapur
Professor S.M.S. Chauhan

SRI GURU NANAK DEV KHALSA COLLEGE

University Representative

Professor Sanjay Jain	(up to 15.02.2008)
Professor Amar Farooqi	(w.e.f. 16.02.2008)
Professor B.K. Das	(up to 15.02.2008)
Professor J.P. Sharma	(w.e.f. 16.02.2008)

ST. STEPHEN'S COLLEGE

University Representative

Professor Partha Sen	
Professor R.P. Tandon	(up to 05.01.2008)
Professor Shobit Mahajan	(w.e.f. 06.01.2008)

ZAKIR HUSAIN COLLEGE

University Representative

Professor A.K. Maurya	(up to 19.09.2007)
Professor A.K. Bakshi	(w.e.f. 20.09.2007)
Professor Bidyut Chakrabarty	(up to 10.12.2007)
Professor Upinder Singh	(w.e.f. 11.12.2007)

SCHOOL OF REHABILITATION SCIENCES

University Representative

Professor Ram Prakash
Professor R.K. Agnihotri

GOVERNMENT MAINTAINED COLLEGES

A. & U. TIBBIA COLLEGE

University Representative

Professor Patric Dasgupta
Professor Satish Deshpande

COLLEGE OF ART

University Representative

Professor (Ms.) Sunita Dhar
Professor Aswani Kumar

DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH

University Representative

Professor Subramanian Annapoorna	(up to 26.03.2008)
Professor Debi P. Sarkar	(w.e.f. 27.03.2008)
Professor V.S. Parmar	(up to 26.03.2008)
Professor S.M.S. Chauhan	(w.e.f. 27.03.2008)

DELHI COLLEGE OF ENGINEERING

University Representative

Professor K.L. Baluja	(up to 26.03.2008)
Professor V.S. Parmar	(w.e.f. 27.03.2008)
Professor Mihir Deb	

LADY HARDINGE MEDICAL COLLEGE

University Representative

Professor Ashok Kumar Singh	
Professor Mirdula Bose	(up to 24.11.2007)
Professor B.K. Thelma	(w.e.f. 25.11.2007)

MAULANA AZAD MEDICAL COLLEGE

University Representative

Professor Anil K. Tyagi	(up to 26.09.2007)
Professor Akhilesh Kumar Tyagi	(w.e.f. 27.09.2007)
Professor Anil Grover	(up to 15.10.2007)
Professor Madan Mohan	(w.e.f. 16.10.2007)

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

University Representative

Professor J.P. Srivastava	
Professor S.P. Tiwari	(up to 24.01.2008)
Professor A.K. Verma	(w.e.f. 25.01.2008)

RAJKUMARI AMRIT KAUR COLLEGE OF NURSING

University Representative

Professor Prahalad C. Ghosh	(up to 09.04.2007)
Professor R.C. Kuhad	(w.e.f. 10.04.2007)
Professor Rup Lal	(up to 26.03.2008)
Professor A.K. Bhatnagar	(w.e.f. 27.03.2008)

DURGABAI DESHMUKH COLLEGE OF SPECIAL EDUCATION

University Representative

Professor Rama Mathew	
Professor Poonam Batra	

INSTITUTE OF ECONOMIC GROWTH

University Representative

Professor Meenakshi Thapan	
Professor P.B. Nayak	

UNIVERSITY MAINTAINED HOSTEL

AMBEDKAR-GANGULY STUDENTS' HOUSE FOR WOMEN

Professor S.C. Panda - *Chairman*

Nominated by the Executive Council

Professor Vibha Maurya (up to 30.10.2007)
Professor Rama Mathew (w.e.f. 01.11.2007)
Professor Nalini Jain (up to 30.10.2007)
Professor Upinder Singh (w.e.f. 01.11.2007)

SC/ST Representative

Professor Virginius Xaxa (up to 22.10.2007)
Professor Hira Gangnegi (w.e.f. 23.10.2007)

DEPARTMENT OF EDUCATION

Nominated by the Executive Council

Professor Meenakshi Thapan (up to 31.08.2007)
Professor Ashok Vohra (w.e.f. 01.09.2007)
Professor Ashok Nagpal (up to 04.08.2007)
Professor M.M. Agarwal (w.e.f. 05.08.2007)

DEPARTMENT OF SOCIAL WORK

Nominated by the Executive Council

Professor Indira Goswami (up to 18.04.2007)
Professor Pammi Dua (w.e.f. 19.04.2007)
Professor B.K. Thelma

D.S. KOTHARI HOSTEL

Professor R.C. Sharma - *Chairman* (up to 12.09.2007)
Professor Surinder Nath - *Chairman* (w.e.f. 13.09.2007)

Nominated by the Executive Council

Professor Surinder Nath
Professor S.C. Arora
Professor A.K. Bansal (up to 01.08.2007)
Professor K.L. Baluja
Professor A.K. Singh

GWYER HALL

Professor Mihir Deb - *Chairman*

Nominated by the Executive Council

Professor Aruna Bhardwaj
Professor Alok Rai
Professor N.K. Chadha
Professor Shahid Amin (up to 02.11.2007)
Professor Mahesh Rangarajan (w.e.f. 03.11.2007)

INTERNATIONAL STUDENTS' HOUSE

Professor S.C. Panda - *Chairman*

Nominated by the Executive Council

Professor (Ms.) Malashri Lal
Professor Shahid Amin
Professor Virginius Xaxa (up to 13.06.2007)
Professor Pami Dua (w.e.f. 16.06.2007)

INTERNATIONAL STUDENTS' HOUSE FOR WOMEN

Professor (Ms.) Shormistha Panja - *Chairperson*

Nominated by the Executive Council

Professor M. Kidwai
Professor Ashum Gupta
Professor R.K. Agnihotri (up to 16.01.2008)
Professor Nandita Basu (w.e.f. 17.01.2008)
Professor Kuljit Shellie (up to 16.01.2008)
Professor V.K. Bhasin (w.e.f. 17.01.2008)

JUBILEE HALL

Professor Rajiv Khanna - *Chairman* (up to 07.02.2008)
Professor H. Ramachandra - *Chairman* (w.e.f. 08.02.2008)

Nominated by the Executive Council

Professor Surinder Nath
Professor G.L. Bhalla
Professor Madan Chaturvedi (up to 10.02.2008)
Professor S.C. Raina (w.e.f. 11.02.2008)
Professor S.P. Tiwari (up to 10.03.2007)
Professor R.K. Gautam (w.e.f. 18.05.2007)

MANSAROWAR HOSTEL

Professor A.S. Narag - *Chairman* (up to 19.09.2007)
Professor K. Mamkottam - *Chairman* (w.e.f. 28.09.2007)

Nominated by the Executive Council

Professor O.P. Chopra (up to 27.08.2007)
Professor S.C. Panda (w.e.f. 28.08.2007)
Professor S.K. Aggarwal (up to 27.08.2007)
Professor Surender Nath (w.e.f. 28.08.2007)
Professor G.L. Bhalla (up to 27.08.2007)
Professor A.K. Bhatnagar (w.e.f. 28.08.2007)
Professor S.L. Malik (up to 27.08.2007)
Professor Sreemati Chakrabarti (w.e.f. 28.08.2007)

MEGHDOOT HOSTEL

Professor Gopa Bhardwaj - *Chairperson* (up to 15.06.2007)
Professor Bharati Baveja - *Chairperson* (w.e.f. 16.06.2007)

Nominated by the Executive Council

Professor R.C. Sharma (up to 06.06.2007)
Professor Tulsi Patel (w.e.f. 16.06.2007)
Professor Nandini Sunder (up to 30.06.2007)
Professor Sunita Dhar (w.e.f. 01.07.2007)
Professor N. Chandoke (up to 01.07.2007)
Professor M.M. Chaturvedi (w.e.f. 02.07.2007)
Professor Shaswati Mazumdar (up to 31.08.2008)

NORTH EASTERN STUDENTS' HOUSE FOR WOMEN

Professor Vibha Chaturvedi - *Chairperson*

Nominated by the Executive Council

Professor Shobit Mahajan
Professor Rita Kakkar (up to 30.06.2007)
Professor Najma Praveen Ahmed (w.e.f. 01.07.2007)
Professor Anita Rampal
Professor Tista Bagchi

P.G. MEN'S HOSTEL

Professor B.P. Sahu - *Chairman*

Nominated by the Executive Council

Professor J.P. Srivastava
Professor Sudhish Pachauri
Professor K. Sreenivas
Professor A.K. Bhatnagar

UNIVERSITY HOSTEL FOR WOMEN

Professor Malashri Lal - *Chairperson*

Nominated by the Executive Council

Professor (Ms.) Sreemati Chakrabarti
Professor Aruna Bhardwaj
Professor Alok Rai (up to 19.11.2007)
Professor Vibha Maurya (w.e.f. 20.11.2007)
Professor Ajay Tiwari

V.K.R.V. RAO HOSTEL

Professor P.B. Nayak - *Chairman* (up to 29.09.2007)
Professor S.C. Panda - *Chairman* (w.e.f. 30.09.2007)

Nominated by the Executive Council

Professor B.L. Pandit
Professor K. Mamkootam
Professor Aruna Bhardwaj (up to 08.09.2007)
Professor Tulsi Patel (w.e.f. 10.09.2007)
Professor Sunita S. Sengupta

W.U.S. WORKING WOMEN'S HOSTEL

Professor Gopa Bhardwaj, Psychology - *Chairperson*

Nominated by the Executive Council

Professor Snehlata Tandon
Professor Rajni Palriwala

UNIVERSITY REPRESENTATIVES ON THE GOVERNING BODIES OF THE COLLEGES

SOUTH CAMPUS

Atma Ram Sanatan Dharma College

Professor Enakshi Sharma

Professor M. Kidwai

Delhi College of Arts & Commerce

Professor Aditya Bhattacharjea

Professor Anil Grover

(up to 16.12.2007)

Professor V.K. Kaul

(w.e.f. 17.12.2007)

Gargi College

Professor Anil Grover

Professor Sanjay Sehgal

(up to 05.09.2007)

Professor V.K. Kaul

(w.e.f. 12.09.2007)

Institute of Home Economics

Professor Akhilesh Tyagi

Professor Bharati Baveja

Jesus & Mary College

Professor Rajini Palriwala

Professor J.P. Khurana

Kamala Nehru College

Professor Upinder Singh

Professor (Ms.) Tulsi Patel

Lady Shri Ram College for Women

Professor Bidyut Chakrabarty

Professor Ajit Iqbal Singh

(up to 12.05.2007)

Professor Achin Vanaik

(w.e.f. 13.05.2007)

Maitreyi College

Professor Debajyoti Choudhuri
Professor T. Satya Narayana (up to 31.07.2007)
Professor Akhilesh Tyagi (w.e.f. 01.08.2007)

Motilal Nehru College

Professor R.C. Sharma (up to 12.05.2007)
Professor Madan Mohan (w.e.f. 13.05.2007)
Professor Hari Mohan Sharma

P.G.D.A.V. College

Professor Hari Mohan Sharma
Professor R.C. Kuhad (up to 29.03.2008)
Professor Ashok Vohra (w.e.f. 30.03.2008)

Shaheed Bhagat Singh College

Professor Madan Mohan
Professor N.K. Chadha

Sri Aurobindo College

Professor R.C. Kuhad (up to 03.06.2007)
Professor Enakshi Sharma (w.e.f. 04.06.2007)
Professor Vijay Chaudhary

Sri Venkateswara College

Professor K.N. Tripathi (up to 27.12.2007)
Professor K. Muralidhar (w.e.f. 01.02.2008)
Professor Debi Sarkar (up to 12.05.2007)
Professor Akshay Pradhan (w.e.f. 13.05.2007)

Acharya Narendra Dev College

Professor A.K. Verma
Professor Sheila Srivastava

STATISTICS

**Statement showing the Number of Under-graduate and Post-graduate Students on
Rolls in various Colleges and Departments during the Academic Session 2007-08**

COLLEGES

Name	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
A & U Tibbia College	156	249	405	8	9	17	422
A.R.S.D. College	1226	846	2072	50	50	100	2172
Acharya Narendra Dev College	672	452	1124	11	22	33	1157
Bharati College (W)	---	1604	1604	--	1	1	1605
Bhim Rao Ambedkar College	701	937	1638	--	--	--	1638
Shaheed Rajguru College of Applied Scs. (W)	--	352	352	--	--	--	352
College of Art	203	251	454	30	25	55	509
Shaheed Sukhdev College of Business Studies	265	242	507	11	16	27	534
Delhi Institute of Pharmaceutical Sc. & Research	265	215	480	35	25	60	540
College of Vocational Studies	855	647	1502	68	47	115	1617
Daulat Ram College (W)	80	2140	2220	--	211	211	2431
Deen Dayal Upadhyaya College	617	574	1191	12	29	41	1232
Delhi College of Arts & Commerce	819	452	127	--	--	--	1271
Delhi College of Engineering	2592	278	2870	270	50	320	3190
Netaji Subhas Institute of Technology	1597	293	1890	56	27	83	1973
Deshbandhu College	1282	695	1977	6	15	21	1998
Dyal Singh College	1541	1173	2714	3	3	6	2720
Gargi College (W)	20	2087	2107	--	28	28	2135
Hans Raj College	1662	1433	3095	235	307	542	3637

Name	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
Hindu College	853	815	1668	230	354	584	2252
Indira Gandhi Institute of Physical Edn. & Sports Scs.	155	42	197	62	43	105	302
Indraprastha College for Women	--	2037	2037	--	202	202	2239
Institute of Home Economics (W)	--	725	725	--	57	57	782
Janki Devi Memorial College (W)	--	1814	1814	--	58	58	1872
Jesus & Mary College (W)	--	2365	2365	--	34	34	2399
Kalindi College (W)	--	1674	1674	--	1	1	1675
Kamala Nehru College (W)	--	1653	1653	--	32	32	1685
Kirori Mal College	1224	706	1930	204	204	408	2338
Lady Hardinge Medical College (W)	--	666	666	86	91	177	843
Lady Irwin College (W)	--	646	646	--	235	235	881
Lady Shri Ram College (W)	--	2024	2024	--	120	120	2144
Lakshmibai College (W)	--	2088	2088	--	22	22	2110
Maitreyi College (W)	--	1605	1605	--	22	22	1627
Mata Sundri College (W)	--	2454	2454	--	25	25	2479
Maulana Azad Medical College	668	266	934	171	165	336	1270
Miranda House (W)	--	2038	2038	--	356	356	2394
Moti Lal Nehru College	1021	963	1984	22	41	63	2047
PGDAV College	1205	709	1914	11	13	24	1938
RAK College of Nursing (W)	--	180	180	3	29	32	212
Rajdhani College	1054	673	1727	18	23	41	1768
Ram Lal Aanand College	763	440	1203	2	10	12	1215

Name	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
Ramjas College	1563	926	2489	205	224	429	2918
SGTB Khalsa College	1290	936	2226	43	90	133	2359
Satyawati College	1350	494	1844	--	--	--	1844
Shaheed Bhagat Singh College	1128	425	1553	3	11	14	1567
Sherbutse College (Bhutan)	340	174	514	--	--	--	514
Shivaji College	1529	510	2039	9	5	14	2053
Shyam Lal College	828	788	1616	24	24	48	1664
Shyama Prasad Mukherji College (W)	--	2338	2338	--	27	27	2365
Sri Aurobindo College	1169	433	1602	--	--	--	1602
ॐ Sri Guru Gobind Singh College of Commerce	934	734	1668	43	21	64	1732
Shri Ram College of Commerce	598	757	1355	49	68	117	1472
Sri Venkateswara College	913	1183	2096	52	118	170	2266
St. Stephen's College	587	690	1277	55	89	144	1421
Swami Shraddhanand College	1521	546	2067	6	6	12	2079
U.C.M.S. & G.T.B. Hospital	496	65	561	67	71	138	699
V.P. Chest Institute	--	--	--	30	17	47	47
Vivekananda College (W)	--	1249	1249	--	28	28	1277
Zakir Husain College	1342	874	2216	160	47	207	2423
Nehru Homoeopathic Medical College & Hospital	58	251	309	--	--	--	309
Bhagini Nivedita College (W)	--	746	746	--	--	--	746
Keshav Mahavidhyalaya	295	393	688	14	24	38	726
Aditi Mahavidhyalaya (W)	--	1470	1470	--	--	--	1470

	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
Maharaja Agrasen College	565	576	1141	--	--	--	1141
Maharishi Valmiki College of Education	--	--	--	34	78	112	112
Bhaskaracharya College of Applied Sciences	238	291	529	--	--	--	529
Sri Guru Nanak Dev Khalsa College	1156	558	1714	4	18	22	1736
Total :	39396	58910	98306	2402	3968	6370	104676

Others

Ahilya Bai College of Nursing	--	99	99	--	--	--	99
Amar Jyoti Instt. of Physiotherapy	34	87	121	--	--	--	121
Pt. Deen Dayal Instt. for the Phy. Handicapped	137	258	395	--	--	--	395
School of Rehabilitation Sciences	--	--	--	8	20	28	28
Durga Bai Deshmukh College	--	--	--	17	3	20	20
Total :	171	444	615	25	23	48	663

Evening Colleges

Deshbandhu College	1012	354	1366	--	--	--	1366
Dyal Singh College	1018	446	1464	--	--	--	1464
Moti Lal Nehru College	941	228	1169	--	--	--	1169
PGDAV College	887	287	1174	--	--	--	1174
Ram Lal Anand College	886	178	1064	--	--	--	1064
Satyawati College	1080	259	1339	--	--	--	1339

	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
<i>Evening Colleges</i>							
Shaheed Bhagat Singh College	920	454	1374	--	--	--	1374
Shyam Lal College	779	239	1018	--	--	--	1018
Sri Aurobindo College	811	232	1043	--	--	--	1043
Zakir Husain Post-graduate College	1052	115	1167	2	2	4	1171
Total (Eve.) :	9386	2792	12178	2	2	4	12182
Grand Total :	48953	62146	111099	2429	3993	6422	117521

FACULTIES/DEPARTMENTS/RECOGNISED INSTITUTIONS

Name	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
Departments							
Arabic	476	131	607	21	3	24	631
Buddhist Studies	--	--	--	246	112	358	358
English	--	--	--	16	30	46	46
Hindi	16	18	34	141	180	321	355
Hindi (SDC)	--	--	--	35	24	59	59
Library & Information Science	--	--	--	55	67	122	122
Linguistics	--	--	--	45	78	123	123
Germanic & Romance Studies	199	238	437	31	95	126	563
MIL & Literary Studies	125	30	155	37	32	69	224
Persian	261	59	320	21	14	35	355
Philosophy	--	--	--	19	22	41	41
Philosophy (SDC)	--	--	--	2	--	2	2
Psychology	--	--	--	25	112	137	137
Psychology (SDC)	--	--	--	3	37	40	40
Punjabi	132	40	172	24	46	70	242
Sanskrit	14	4	18	122	112	234	252
Urdu	504	154	658	103	49	152	810
Business Economics (SDC)	--	--	--	83	93	176	176
Slavonic & Finno-Ugrian Studies	190	55	245	33	16	49	294
Adult Continuing Education & Extn.	--	--	--	12	8	20	20

Name	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
Departments							
African Studies	8	1	9	45	17	62	71
East Asian Studies	232	88	320	54	45	99	419
Economics	--	--	--	110	147	257	257
Geography	--	--	--	75	91	166	166
History	--	--	--	56	38	94	94
History (SDC)	--	--	--	18	25	43	43
Political Science	--	--	--	89	62	151	151
Social Work	--	--	--	59	87	146	146
Sociology	--	--	--	28	113	141	141
Computer Science	--	--	--	107	115	222	222
Mathematics	--	--	--	66	94	160	160
Operational Research	--	--	--	67	89	156	156
Statistics	--	--	--	39	34	73	73
Operational Research (SDC)	--	--	--	18	36	54	54
Anthropology	--	--	--	39	82	121	121
Botany	--	--	--	33	60	93	93
Chemistry	--	--	--	86	90	176	176
Geology	--	--	--	44	24	68	68
Home Science	--	--	--	--	72	72	72
Nursing	--	--	--	--	3	3	3
Pharmacy	--	--	--	14	8	22	22
Physics	--	--	--	95	57	152	152

			Under-graduate			Post-graduate			Grand Total
			Male	Female	Total	Male	Female	Total	

Departments									
	Zoology	--	--	--	42	40	82	82	
	Agro-Chemicals & Pest Management	--	--	--	16	17	33	33	
	Dr. B.R. Ambedkar Centre for Bio-Medical Research	--	--	--	43	76	119	119	
	School of Environmental Studies	--	--	--	24	39	63	63	
	Environmental Biology	--	--	--	8	9	17	17	
	Bio-Chemistry (SDC)	--	--	--	16	24	40	40	
	Education	--	--	--	121	266	387	387	
	Commerce	--	--	--	136	161	297	297	
5	Financial Studies (SDC)	--	--	--	51	46	97	97	
8	Commerce (SDC)	--	--	--	10	36	46	46	
Faculty of Inter-disciplinary & Applied Sciences									
	Bio-Tech. (SDC)	--	--	--	1	4	5	5	
	Electronic Science (SDC)	--	--	--	64	49	113	113	
	Genetics (SDC)	--	--	--	15	26	41	41	
	Microbiology (SDC)	--	--	--	16	30	46	46	
	Plant Molecular Biology (SDC)	--	--	--	16	33	49	49	
	Bio-Physics (SDC)	--	--	--	1	--	1	1	
	Instt. of Informatic & Communication	--	--	--	33	33	66	66	

	Under-graduate			Post-graduate			Grand Total
	Male	Female	Total	Male	Female	Total	
<i>Faculty of Law</i>							
Faculty of Law	--	--	--	188	53	241	241
Campus Law Centre	--	--	--	796	450	1246	1246
Law Centre - I	--	--	--	1158	300	1458	1458
Law Centre - II	--	--	--	732	156	888	888
Faculty of Medical Sciences	--	--	--	533	444	977	977
Faculty of Music & Fine Arts	--	--	--	80	123	203	203
Faculty of Management Studies	--	--	--	588	171	759	759
Faculty of Technology	--	--	--	71	41	112	112
Total :	2157	818	2975	6975	5146	12121	15096
<i>Non-Formal Cell</i>							
External Candidates' Cell	34644	23953	58597	30	88	118	58715
Non-Collegiate Womens' Education Board	--	14338	14338	--	511	511	14849
School of Open Learning	81308	73310	154618	416	1206	1622	156240
Total :	115952	111601	227553	446	1805	2251	229804
Grand Total :	167062	174565	341627	9850	10944	20794	362421

Statement showing the Number of Under-Graduate and Post-Graduate Faculty-wise Distribution of Students during the Academic Session 2007-08

UNDER-GRADUATE

Faculty	Regular						Non-Formal					Total
	Day		Eve. and Part-Time		Certificate/Diploma		NCWEB	S.O.L.		ECC		
	Male	Female	Male	Female	Male	Female	Female	Male	Female	Male	Female	
Arts	8673	20505	4231	1407	2648	2245	8828	37980	45467	24896	20383	177263
Ayurvedic & Unani-Medicine	156	249	--	--	--	--	--	--	--	--	--	405
Homoeopathic Medicine	58	251	--	--	--	--	--	--	--	--	--	309
Inter-Disciplinary & Applied Scs.	816	1154	--	--	--	--	--	--	--	--	--	1970
Mathematical Sciences	2069	3522	59	23	--	--	--	--	--	--	--	5673
Medical Sciences	1164	997	--	--	--	--	--	--	--	--	--	2161
Music & Fine Arts	241	304	--	--	3	8	--	--	--	--	--	556
Science	5526	7901	--	--	133	84	--	--	--	--	--	13644
Social Science	4815	9004	1006	233	240	89	--	1651	1872	--	--	18910
App. Social Science & Humanities	608	634	74	28	270	236	--	--	--	--	--	1850
Commerce & Business	10115	11654	4016	1101	--	--	5510	41677	25971	9748	3570	113362
Technology	3736	563	453	8	--	--	--	--	--	--	--	4760
Education	0	764	0	--	--	--	--	--	--	--	--	764
Grand Total :	37977	57502	9839	2800	3294	2662	14338	81308	73310	34644	23953	341627

POST-GRADUATE

Faculty	Regular						Non-Formal						Total
	Day		Eve. and Part-Time		Certificate Diploma		NCWEB	S.O.L.		ECC			
	M	F	M	F	M	F		M	F	M	F		
							F	M	F	M	F		
Arts	1219	1975	32	19	199	123	293	112	537	30	88	4627	
Ayur. & Unani-Medicine	8	9	--	--	--	--	--	--	--	--	--	17	
Inter-Disciplinary	224	242	--	--	23	32	--	--	--	--	--	521	
Mathematical Sciences	459	814	--	--	47	84	141	--	--	--	--	1545	
Medical Sciences	744	601	--	--	143	187	--	--	--	--	--	1675	
Music & Fine Arts	114	180	--	--	14	27	--	--	--	--	--	335	
Science	847	1387	--	--	17	80	--	--	--	--	--	2331	
Social Sciences	792	1060	--	--	72	59	77	157	336	--	--	2553	
App. Soc. Sc. & Humanities	93	101	--	--	38	38	--	--	--	--	--	270	
Commerce & Business	288	440	--	--	--	--	--	147	333	--	--	1208	
Technology	311	85	86	33	--	--	--	--	--	--	--	515	
Education	161	392	11	41	--	--	--	--	--	--	--	605	
Law	909	490	1965	469	--	--	--	--	--	--	--	3833	
Management	251	152	337	19	--	--	--	--	--	--	--	759	
Grand Total :	6420	7928	2431	581	553	630	511	416	1206	30	88	20794	

S-11

Statement showing the Faculty-wise distribution of Ph.D. Enrolment during the Academic Session 2007-08

Faculty	Male	Female	Total
Faculty of Arts			
<i>Departments</i>			
Arabic	10	1	11
Buddhist Studies	100	51	151
English	3	8	11
Hindi	110	142	252
Library & Information Science	16	3	19
Linguistics	13	20	33
Germanic & Romance Studies	1	2	3
MIL & Literary Studies	17	29	46
Persian	12	10	22
Philosophy	13	19	32
Psychology	25	112	137
Punjabi	22	33	55
Sanskrit	102	75	177
Urdu	48	17	65
Sub Total :	492	522	1014

Faculty	Male	Female	Total
Faculty of Applied Social Sciences & Humanities			
<i>Departments</i>			
Business Economics	17	20	37
Slavonic & Finno-Ugrian Studies	5	2	7
Sub Total :	22	22	44
Faculty of Social Sciences			
<i>Departments</i>			
African Studies	36	11	47
East Asian Studies	7	3	10
Economics	2	8	10
Geography	19	22	41
History	49	32	81
Political Science	75	52	127
Social Work	6	21	27
Sociology	13	14	27
Sub Total :	207	163	370
Faculty of Commerce & Business			
<i>Departments</i>			
Commerce	19	62	81
Financial Studies	19	22	41
Sub Total :	38	84	122

Faculty	Male	Female	Total
---------	------	--------	-------

Faculty of Mathematical Sciences

Departments

Computer Science	22	44	66
Mathematics	59	86	145
Operational Research	63	78	141
Statistics	36	30	66
Sub Total :	180	238	418

Faculty of Science

Departments

Anthropology	25	53	78
Botany	31	50	81
Chemistry	81	75	156
Geology	41	24	65
Home Science	--	72	72
Nursing	--	3	3
Pharmacy	14	8	22
Physics & Astrophysics	95	57	152
Zoology	38	35	73
Dr. B.R. Ambedkar Centre for Bio-Medical	29	33	62
School of Environmental Studies	1	7	8
Environmental Biology	3	3	6
Sub Total :	358	420	778

Faculty	Male	Female	Total
---------	------	--------	-------

Faculty of Inter-disciplinary & Applied Sciences

Departments

Bio-Chemistry (SDC)	15	10	25
Electronic Science (SDC)	20	26	46
Genetics (SDC)	12	15	27
Microbiology (SDC)	16	15	31
Plant Molecular Biology (SDC)	12	19	31
Bio-Physics (SDC)	1	--	1

Sub Total : **76** **85** **161**

S-15

Faculty of Law

Department

Law	55	22	77
-----	----	----	----

Sub Total : **55** **22** **77**

Faculty of Medical Sciences

Department

Medicine	38	36	74
----------	----	----	----

Sub Total : **38** **36** **74**

Faculty	Male	Female	Total
Faculty of Music & Fine Arts			
<i>Department</i>			
Music	53	80	133
Sub Total :	53	80	133
Faculty of Management Studies			
<i>Department</i>			
Business Management and Industrial Administration	42	38	80
Sub Total :	42	38	80
Faculty of Technology			
Faculty of Technology	71	41	112
Sub Total :	71	41	112
Faculty of Education			
<i>Department</i>			
Education	33	39	72
Sub Total :	33	39	72
Grand Total :	1665	1790	3455

**Statement showing the Faculty-wise distribution of M.Phil. Enrolment during the
Academic Session 2007-08**

Faculty	Male	Female	Total
Faculty of Arts			
<i>Departments</i>			
Arabic	11	2	13
Buddhist Studies	21	7	28
English	13	22	35
Hindi	13	17	30
Hindi (SDC)	9	6	15
Library & Information Science	1	11	12
Linguistics	1	14	15
Germanic & Romance Studies	1	11	12
MIL & Literary Studies	2	1	3
Persian	3	3	6
Philosophy	6	3	9
Punjabi	2	13	15
Sanskrit	20	37	57
Urdu	14	10	24
Sub Total :	117	157	274
Faculty of Applied Social Science & Humanities			
<i>Departments</i>			
Business Economics	7	23	30
Slavonic & Finno-Ugrian Studies	1	3	4
Sub Total :	8	26	34

Faculty	Male	Female	Total
Faculty of Social Sciences			
<i>Departments</i>			
African Studies	9	6	15
East Asian Studies	10	5	15
Economics	1	6	7
Geography	8	17	25
History	7	6	13
Political Science	14	10	24
Social Work	2	2	4
Sociology	3	12	15
	Sub Total :		
	54	64	118
Faculty of Commerce & Business			
<i>Department</i>			
Commerce	2	13	15
	Sub Total :		
	2	13	15
Faculty of Mathematical Sciences			
<i>Departments</i>			
Mathematics	7	8	15
Operational Research	4	11	15
Statistics	3	4	7
	Sub Total :		
	14	23	37

Faculty	Male	Female	Total
Faculty of Science			
<i>Departments</i>			
Anthropology	5	5	10
Botany	2	10	12
Chemistry	5	15	20
Geology	3	--	3
Zoology	4	5	9
School of Environmental Studies	--	3	3
Sub Total :	19	38	57
Faculty of Inter-disciplinary & Appiled Sciences			
<i>Departments</i>			
Bio-Technology	1	4	5
Plant Molecular Biology	1	2	3
Sub Total :	2	6	8
Faculty of Music & Fine Arts			
<i>Department</i>			
Music	15	18	33
Sub Total :	15	18	33
Faculty of Education			
<i>Department</i>			
Education	4	6	10
Sub Total :	4	6	10
Grand Total :	235	351	586

**Statement showing the Course-wise distribution of Under-graduate Students (Regular) on Rolls
during the Academic Session 2007-08**

Under-graduate (Regular)

Course	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.A. Prog. (Day)	2007	4124	6131	1796	3603	5399	1528	3622	5150	--	--	--	--	--	--	5331	11349	16680
B.A. Prog. (Eve.)	1440	392	1832	1104	348	1452	1020	304	1324	--	--	--	--	--	--	3564	1044	4608
B.A. (Voc. Studies)	195	159	354	150	131	281	116	125	241	--	--	--	--	--	--	461	415	876
B.A. (Hons.) (Day)	3642	7258	10900	2653	6308	8961	2275	5944	8219	--	--	--	--	--	--	8570	19510	28080
B.A. (Hons.) (Eve.)	805	260	1065	546	199	745	455	188	643	--	--	--	--	--	--	1806	647	2453
B.Com. (Pass) (Day)	--	--	--	--	--	--	1671	1753	3424	--	--	--	--	--	--	1671	1753	3424
B.Com. (Pass) (Eve.)	--	--	--	--	--	--	945	251	1196	--	--	--	--	--	--	945	251	1196
B.Com. (Hons.) (Day)	1923	2412	4335	1767	2044	3811	1724	1847	3571	--	--	--	--	--	--	5414	6303	11717
B.Com. (Hons.) (Eve.)	449	140	589	339	109	448	319	74	393	--	--	--	--	--	--	1107	323	1430
B.Com. (Day)	1595	1943	3538	1435	1655	3090	--	--	--	--	--	--	--	--	--	3030	3598	6628
B.Com. (Eve.)	1092	306	1398	872	221	1093	--	--	--	--	--	--	--	--	--	1964	527	2491
B.B.S.	112	69	181	41	58	99	52	44	96	--	--	--	--	--	--	205	171	376
B.F.I.A.	23	17	40	22	12	34	16	24	40	--	--	--	--	--	--	61	53	114
B.M.M.M.C.	--	37	37	--	34	34	--	32	32	--	--	--	--	--	--	--	103	103
B.Sc. Physical Scs.	558	349	907	353	306	659	231	233	464	--	--	--	--	--	--	1142	888	2030
B.Sc. Life Sciences	295	517	812	196	333	529	127	281	408	--	--	--	--	--	--	618	1131	1749
B.Sc. Appl. Phy. Scs.	422	289	711	252	229	481	161	164	325	--	--	--	--	--	--	835	682	1517
B.Sc. Appl. Life. Scs.	45	73	118	19	51	70	16	30	46	--	--	--	--	--	--	80	154	234
B.Sc. (G) Math. Scs.	45	46	91	34	31	65	43	42	85	--	--	--	--	--	--	122	119	241

Course	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.Sc. (Home Science)	--	286	286	--	257	257	--	254	254	--	--	--	--	--	--	--	797	797
B.Sc. (Phy. Edn. & H.N.)	55	16	71	52	13	65	48	13	61	--	--	--	--	--	--	155	42	197
B.El.Ed.	--	257	257	--	192	192	--	170	170	--	145	145	--	--	--	--	764	764
B.Sc. (Hons.) (Day)	2114	2529	4643	1252	2047	3299	1207	1892	3099	--	68	68	--	--	--	4573	6536	11109
B.Sc. (Hons.) Occu. The.	--	--	--	--	--	--	--	--	--	--	--	--	8	15	23	8	15	23
B.Sc. (Hons.) Physioth.	--	--	--	--	--	--	--	--	--	--	--	--	15	34	49	15	34	49
B.P.O.	6	14	20	9	11	20	5	14	19	9	11	20	--	--	--	29	50	79
B.O.T.	4	31	35	11	22	33	9	21	30	11	15	26	--	--	--	35	89	124
B.P.T.	16	48	64	19	38	57	19	35	54	30	36	66	--	--	--	84	157	241
B.A. (Hons.) Ap. Scs.	35	113	148	15	112	127	42	130	172	--	--	--	--	--	--	92	355	447
B.Pharma.	24	43	67	21	37	58	42	26	68	45	25	70	--	--	--	132	131	263
B.Sc. (MTR)	4	6	10	--	--	--	--	--	--	--	--	--	--	--	--	4	6	10
B.F.A.	64	73	137	46	55	101	47	55	102	43	60	103	--	--	--	200	243	443
B.A.M.S.	15	27	42	13	26	39	12	27	39	9	25	34	17	23	40	66	128	194
B.U.M.S.	13	27	40	15	24	39	16	23	39	17	22	39	29	25	54	90	121	211
B.H.M.S.	16	83	99	19	68	87	6	33	39	9	32	41	8	35	43	58	251	309
M.B.B.S.	200	210	410	276	165	441	222	197	419	193	170	363	217	192	409	1108	934	2042
B.D.S.	19	16	35	14	24	38	12	8	20	7	9	16	--	--	--	52	57	109
B.E.	971	199	1170	1004	168	1172	881	85	966	880	111	991	--	--	--	3736	563	4299
B.E. (Tech.) PT	114	1	115	118	1	119	116	4	120	105	2	107	--	--	--	453	8	461
Other Cert./Diploma	3217	2592	5809	77	70	147	--	--	--	--	--	--	--	--	--	3294	2662	5956
Grand Total :	21535	24962	46497	14540	19002	33542	13383	17945	31328	1358	731	2089	294	324	618	51110	62964	114074

**Statement showing the Course-wise distribution of Under-graduate Students on Rolls in S.O.L.,
N.C.W.E.B. and E.C.C. (Non-formal) during the Academic Session 2007-08**

Under-Graduate Students (Non-formal)

School of Open Learning	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
	Course											
B.A. (Pass)	--	--	--	9098	12728	21826	5727	9782	15509	14825	22510	37335
B.A. Programme	22548	21188	43736	--	--	--	--	--	--	22548	21188	43736
B.Com. (Pass)	--	--	--	--	--	--	9738	7218	16956	9738	7218	16956
B.Com. (Hons.)	3309	1707	5016	443	303	746	495	300	795	4247	2310	6557
B.Com.	20370	10696	31066	7322	5747	13069	--	--	--	27692	16443	44135
B.A. (Hons.) English	350	908	1258	153	426	579	104	435	539	607	1769	2376
B.A. (Hons.) Political Sc.	911	919	1830	426	577	1003	314	376	690	1651	1872	3523
Sub-Total:	47488	35418	82906	17442	19781	37223	16378	18111	34489	81308	73310	154618

Non-Collegiate Women's Education Board

Course												
B.A. (Pass)	--	--	--	--	--	--	--	2510	2510	--	2510	2510
B.A. Programme	--	3491	3491	--	2827	2827	--	--	--	--	6318	6318
B.Com. (Pass)	--	--	--	--	--	--	--	1864	1864	--	1864	1864
B.Com.	--	2033	2033	--	1613	1613	--	--	--	--	3646	3646
Sub-Total :	--	5524	5524	--	4440	4440	--	4374	4374	--	14338	14338

External Candidates Cell	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Course												
B.A. (Pass)	--	--	--	--	--	--	5386	5448	10834	5386	5448	10834
B.A. Programme	15510	10135	25645	4000	4800	8800	--	--	--	19510	14935	34445
B.Com. (Pass)	--	--	--	--	--	--	2477	1303	3780	2477	1303	3780
B.Com.	5884	1583	7467	1387	684	2071	--	--	--	7271	2267	9538
Sub-Total:	21394	11718	33112	5387	5484	10871	7863	6751	14614	34644	23953	58597
Grand-Total:	68882	52660	121542	22829	29705	52534	24241	29236	53477	115952	111601	227553

**Statement showing the Course-wise distribution of Post-graduate (Regular) Students on Rolls
during the Academic Session 2007-08**

Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Bachelor of Lib. and Information Sc. (B.Lib. Sc.)	30	32	62	--	--	--	--	--	--	30	32	62
Master of Lib. and Information Sc. (M.Lib. & I. Sc.)	8	21	29	--	--	--	--	--	--	8	21	29
Master of Arts (M.A. Day)	729	1247	1976	495	1123	1618	--	--	--	1224	2370	3594
Master of Arts (M.A. Eve.)	19	12	31	13	7	20	--	--	--	32	19	51
M.Com.	75	130	205	43	143	186	--	--	--	118	273	391
Master of Financial & Control (M.F.C.)	14	15	29	18	9	27	--	--	--	32	24	56
Master of Human Resource & Org. Dev. (MHROD)	15	20	35	23	7	30	--	--	--	38	27	65
Master of International Business (MIB)	29	11	40	31	8	39	--	--	--	60	19	79
Master of Computer Applications (MCA)	26	9	35	23	11	34	14	11	25	63	31	94
M.Sc.	359	615	974	235	600	835	--	--	--	594	1215	1809
M. Pharma	20	17	37	15	8	23	--	--	--	35	25	60
M. Nursing	1	15	16	2	14	16	--	--	--	3	29	32
Master of Fine Arts (M.F.A.)	18	12	30	10	11	21	--	--	--	28	23	51
M.Sc. (Applied Science)	31	61	92	28	44	72	--	--	--	59	105	164
M.Tech (Mic. Elec.)	15	2	17	10	1	11	--	--	--	25	3	28
B.Ed. (Special Education)	17	23	40	--	--	--	--	--	--	17	23	40
B.Ed.	103	300	403	--	--	--	--	--	--	103	300	403
M. Ed. (Full-time)	4	24	28	--	--	--	--	--	--	4	24	28
M.Ed. (Part-time)	8	18	26	3	23	26	--	--	--	11	41	52
B.P. Ed.	32	17	49	--	--	--	--	--	--	32	17	49
M.P. Ed.	18	8	26	12	18	30	--	--	--	30	26	56
Bachelor of Laws (LL.B.)	1156	366	1522	770	324	1094	760	216	976	2686	906	3592

Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Master of Laws (LL.M. Two year)	22	8	30	22	6	28	--	--	--	44	14	58
Master of Comparative Laws (MCL Two year)	5	3	8	9	1	10	--	--	--	14	4	18
Master of Laws (LL.M. Three year)	31	4	35	22	7	29	22	2	24	75	13	88
M.B.A. (Full-time Two year)	61	32	93	52	47	99	--	--	--	113	79	192
M.B.A. Mgt. of Service (Full-time)	31	11	42	32	10	42	--	--	--	63	21	84
M.B.A. (Part-time Three year)	134	6	140	114	6	120	89	7	96	337	19	356
M.B.A. (H.C.A. Three year)	13	7	20	12	3	15	8	4	12	33	14	47
M.Tech. Combined	20	7	27	23	5	28	--	--	--	43	12	55
M.E. (Combined Full-time)	109	16	125	88	16	104	--	--	--	197	32	229
M.E. (Combined Part-time)	21	3	24	28	5	33	21	8	29	70	16	86
M.Tech. (Part-time)	6	4	10	1	8	9	6	3	9	13	15	28
M.Sc. (Appl. Phy. Part-time)	1	--	1	1	--	1	1	2	3	3	2	5
MDS (Master in Dental Science)	4	4	8	5	3	8	--	--	--	9	7	16
M.D. (Kaya Chikitsa)	2	--	2	1	2	3	2	1	3	5	3	8
M.D. (Kaya Sharir)	--	2	2	2	1	3	1	2	3	3	5	8
M.D. (Moalijat)	--	1	1	--	--	--	--	--	--	--	1	1
Ph.D. Combined	1665	1790	3455	--	--	--	--	--	--	1665	1790	3455
M.Phil.	231	335	566	4	16	20	--	--	--	235	351	586
Medical Degree	271	189	460	235	224	459	191	145	336	697	558	1255
Medical Diploma	76	91	167	67	96	163	--	--	--	143	187	330
Other Cert./Dip.	352	346	698	58	97	155	--	--	--	410	443	853
Total :	5782	5834	11616	2507	2904	5411	1115	401	1516	9404	9139	18543

Statement showing the Course-wise distribution of Post-graduate (Non-formal) Students on Rolls in S.O.L, N.C.W.E.B. and E.C.C. during the Academic Session 2007-08

School of Open Learning	Previous Year			Final Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Course									
M.A. (Hindi)	48	230	278	39	200	239	87	430	517
M.A. (Sanskrit)	12	58	70	13	49	62	25	107	132
M.A. (Political Science)	71	86	157	37	153	190	108	239	347
M.A. (History)	31	63	94	18	34	52	49	97	146
Total :	162	437	599	107	436	543	269	873	1142
M.Com.	112	162	274	35	171	206	147	333	480
Sub-Total :	274	599	873	142	607	749	416	1206	1622
Non-Collegiate Women's Education Board									
M.A. (English)	--	61	61	--	39	39	--	100	100
M.A. (Philosophy)	--	--	--	--	1	1	--	1	1
M.A. (Hindi)	--	40	40	--	57	57	--	97	97
M.A. (Punjabi)	--	44	44	--	29	29	--	73	73
M.A. (Sanskrit)	--	8	8	--	14	14	--	22	22
M.A. (Political Science)	--	47	47	--	15	15	--	62	62
M.A. (History)	--	13	13	--	2	2	--	15	15
M.A. (History)	--	57	57	--	44	44	--	101	101
Total :	--	270	270	--	201	201	--	471	471

Course	Previous Year			Final Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
M.Sc. (Mathematics)	--	25	25	--	15	15	--	40	40
Sub-Total :	--	295	295	--	216	216	--	511	511
<i>External Candidates Cell</i>									
M.A. (Philosophy)	--	2	2	--	--	--	--	2	2
M.A. (Hindi)	10	29	39	14	35	49	24	64	88
M.A. (Sanskrit)	4	6	10	2	16	18	6	22	28
Total :	14	37	51	16	51	67	30	88	118
Grand-Total :	288	931	1219	158	874	1032	446	1805	2251

Statement showing the Number of Students on Rolls in Under-graduate Certificate/Diploma Courses in the University Colleges/Departments during the Academic Session 2007-08

Course	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>Diploma</i>									
Arabic	49	10	59	--	--	--	49	10	59
Bengali	1	2	3	--	--	--	1	2	3
Hindi	6	7	13	--	--	--	6	7	13
Marathi	1	--	1	--	--	--	1	--	1
Punjabi	11	8	19	--	--	--	11	8	19
Persian	11	5	16	--	--	--	11	5	16
Sanskrit	7	--	7	--	--	--	7	--	7
Urdu	55	32	87	--	--	--	55	32	87
Portuguese	10	2	12	--	--	--	10	2	12
Romanian	6	2	8	--	--	--	6	2	8
Chinese	22	4	26	--	--	--	22	4	26
Japanese	36	16	52	13	6	19	49	22	71
Korean	29	3	32	--	--	--	29	3	32
Swahili	2	--	2	--	--	--	2	--	2
Bulgarian	1	1	2	--	--	--	1	1	2
Czech	1	--	1	--	--	--	1	--	1
Hungarian	6	1	7	--	--	--	6	1	7
Polish	4	1	5	--	--	--	4	1	5
Russian	22	14	36	--	--	--	22	14	36
Croatian	2	--	2	--	--	--	2	--	2
Serbian	3	--	3	--	--	--	3	--	3
Sub-Total :	285	108	393	13	6	19	298	114	412

Course	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>Advance Diploma</i>									
Arabic	47	1	48	—	—	—	47	1	48
French	11	29	40	—	—	—	11	29	40
Hindi	1	1	2	—	—	—	1	1	2
Italian	5	7	12	—	—	—	5	7	12
Persian	4	4	8	—	—	—	4	4	8
Urdu	18	21	39	—	—	—	18	21	39
Sindhi	3	—	3	—	—	—	3	—	3
Portuguese	12	2	14	—	—	—	12	2	14
Marathi	—	3	3	—	—	—	—	3	3
Chinese	13	11	24	—	—	—	13	11	24
Japanese	24	15	39	—	—	—	24	15	39
Korean	20	9	29	—	—	—	20	9	29
Czech	3	—	3	—	—	—	3	—	3
Hungarian	3	—	3	—	—	—	3	—	3
Polish	3	2	5	—	—	—	3	2	5
Russian	15	12	27	—	—	—	15	12	27
Croatian	1	—	1	—	—	—	1	—	1
Serbian	1	—	1	—	—	—	1	—	1
Sub-Total : 184 117 301 — — — 184 117 301									

Course	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>Intensive Advance Diploma</i>									
Bulgarian	1	—	1	—	—	—	1	—	1
Sub-Total :	1	—	1	—	—	—	1	—	1
<i>Certificate course</i>									
Arabic	380	120	500	—	—	—	380	120	500
Assamese	28	4	32	—	—	—	28	4	32
Bengali	15	5	20	—	—	—	15	5	20
Hindi	9	10	19	—	—	—	9	10	19
Kannada	3	—	3	—	—	—	3	—	3
Manipuri	6	—	6	—	—	—	6	—	6
Marathi	10	1	11	—	—	—	10	1	11
Oriya	24	4	28	—	—	—	24	4	28
Punjabi	121	32	153	—	—	—	121	32	153
Persian	246	50	296	—	—	—	246	50	296
Sindhi	17	6	23	—	—	—	17	6	23
Sanskrit	7	4	11	—	—	—	7	4	11
Tamil	17	5	22	—	—	—	17	5	22
Urdu	431	101	532	—	—	—	431	101	532
Portuguese	33	8	41	—	—	—	33	8	41
Romanian	24	2	26	—	—	—	24	2	26

Course	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Chinese	32	12	44	—	—	—	32	12	44
Korean	43	12	55	—	—	—	43	12	55
Swahili	6	1	7	—	—	—	6	1	7
Bulgarian	7	—	7	—	—	—	7	—	7
Czech	4	3	7	—	—	—	4	3	7
Hungarian	6	—	6	—	—	—	6	—	6
Polish	15	—	15	—	—	—	15	—	15
Russian	81	21	102	—	—	—	81	21	102
Croatian	6	—	6	—	—	—	6	—	6
Serbian	5	—	5	—	—	—	5	—	5
Sub-Total :	1576	401	1977	—	—	—	1577	401	1978
Grand Total :	2046	626	2672	13	6	19	2059	632	2691
<i>Diploma</i>									
French	80	127	207	—	—	—	80	127	207
German	61	115	176	—	—	—	61	115	176
Italian	10	5	15	—	—	—	10	5	15
Spanish	41	55	96	—	—	—	41	55	96
Pharmacy	70	46	116	63	38	101	133	84	217
Fine Art	2	—	2	1	8	9	3	8	11
Russian	1	8	9	—	—	—	1	8	9
Business Journalism & Corporate Com.	13	31	44	—	—	—	13	31	44
Conflict Transformation & Peace Bldg.	—	28	28	—	18	18	—	46	46
Sub-Total :	278	415	693	64	64	128	342	479	821

Course	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>Advance Diploma</i>									
French	47	96	143	—	—	—	47	96	143
German	12	41	53	—	—	—	12	41	53
Spanish	28	46	74	—	—	—	28	46	74
Sub-Total :	87	183	270	—	—	—	87	183	270
<i>Certificate course</i>									
French	270	600	870	—	—	—	270	600	870
German	295	402	697	—	—	—	295	402	697
Italian	17	15	32	—	—	—	17	15	32
Spanish	158	255	413	—	—	—	158	255	413
Russian	66	96	162	—	—	—	66	96	162
Sub-Total :	806	1368	2174	—	—	—	806	1368	2174
Total (Cert./Diploma) :	1171	1966	3137	64	64	128	1235	2030	3265
Grand-Total (Cert./Diploma) :	3217	2592	5809	77	70	147	3294	2662	5956

**Statement showing the Number of Students on Rolls in Post-graduate Certificate/Diploma Courses
in the Colleges/Departments during the Academic Session 2007-08**

	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>Diploma</i>									
Pali	6	4	10	—	—	—	6	4	10
Tibetan	2	2	4	—	—	—	2	2	4
Sangeet Shiromani	6	11	17	6	14	20	12	25	37
Sub-Total :	14	17	31	6	14	20	20	31	51
<i>Intensive Advanced Diploma</i>									
Portuguese	13	9	22	—	—	—	13	9	22
Russian	23	8	31	—	—	—	23	8	31
Chinese	15	7	22	—	—	—	15	7	22
Japanese	5	9	14	—	—	—	5	9	14
Sub-Total :	56	33	89	—	—	—	56	33	89
<i>Post M.A. Diploma</i>									
Linguistics	7	3	10	—	—	—	7	3	10
Mass Media	14	6	20	—	—	—	14	6	20
Urdu Paleography	1	—	1	—	—	—	1	—	1
Persian Translation	2	—	2	—	—	—	2	—	2
Adult Continuing Edn. & Extn.	12	8	20	—	—	—	12	8	20
Sub-Total :	36	17	53	—	—	—	36	17	53

	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<i>P.G. Diploma</i>									
Translation (English to Hindi)	18	21	39	—	—	—	18	21	39
Hindi Journalism	16	9	25	—	—	—	16	9	25
Medical Sc. -Other Instt.	54	62	116	47	66	113	101	128	229
Sub-Total :	88	92	180	47	66	113	135	158	293
<i>Certificate</i>									
Pali	15	5	20	—	—	—	15	5	20
Tibetan	4	—	4	—	—	—	4	—	4
Hindi Journalism	10	9	19	—	—	—	10	9	19
Forensic Science	9	24	33	—	—	—	9	24	33
Sub-Total :	38	38	76	—	—	—	38	38	76
<i>Post-Intensive Advanced Diploma</i>									
Chinese	6	5	11	—	—	—	6	5	11
Japanese	9	11	20	—	—	—	9	11	20
Sub-Total :	15	16	31	—	—	—	15	16	31
Total :	247	213	460	53	80	133	300	293	593

	I Year			II Year			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
College									
Diploma									
Dietetics & Public Health Nut.	—	36	36	—	—	—	—	36	36
Sub-Total :	—	36	36	—	—	—	—	36	36
P.G. Diploma									
Fine Arts	1	—	1	1	2	3	2	2	4
International Marketing	25	19	44	—	—	—	25	19	44
Global Business Operation & Indl. Research	26	27	53	12	11	23	38	38	76
Book Publishing	11	8	19	10	10	20	21	18	39
Tourism	35	14	49	12	15	27	47	29	76
Development Therapy	8	6	14	—	—	—	8	6	14
Special Education	—	14	14	—	—	—	—	14	14
Medical Sciences	22	29	51	20	30	50	42	59	101
Computer Applications	30	39	69	17	45	62	47	84	131
Bio-Chemical Tech.	7	13	20	—	—	—	7	13	20
Cosmology (One year)	16	19	35	—	—	—	16	19	35
Sub-Total :	181	188	369	72	113	185	253	301	554
Total (Cert./Diploma Course) :	181	224	405	72	113	185	253	337	590
Grand-Total (Cert./Diploma Course) :	428	437	865	125	193	318	553	630	1183

Statement showing the Course-wise distribution of Students during the Academic Session 2007-08

B.A. (Pass)

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
External Candidate's Cell	—	—	—	—	—	—	5386	5448	10834	5386	5448	10834
Non-Collegiate Women's Edn. Board	—	—	—	—	—	—	—	2510	2510	—	2510	2510
School of Open Learning	—	—	—	9098	12728	21826	5727	9782	15509	14825	22510	37335
Total (Nonformal) :	—	—	—	9098	12728	21826	11113	17740	28853	20211	30468	50679
Grand Total :	—	—	—	9098	12728	21826	11113	17740	28853	20211	30468	50679

S-36

B.A. (Vocational Studies)

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
College of Vocational Studies	195	159	354	150	131	281	116	125	241	461	415	876
Total :	195	159	354	150	131	281	116	125	241	461	415	876

B.A. Programme

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	87	47	134	37	22	59	46	19	65	170	88	258
Bharati College (W)	—	134	134	—	143	143	—	174	174	—	451	451
Bhim Rao Ambedkar College	45	126	171	79	99	178	71	121	192	195	346	541
Daulat Ram College (W)	—	116	116	—	76	76	—	149	149	—	341	341
Deen Dayal Upadhyaya College	64	12	76	41	20	61	23	16	39	128	48	176
Delhi College of Arts & Commerce	89	42	131	66	39	105	57	48	105	212	129	341
Deshbandhu College	71	50	121	79	51	130	78	42	120	228	143	371
Dyal Singh College	115	43	158	97	46	143	78	36	114	290	125	415
Gargi College (W)	—	114	114	—	98	98	—	90	90	—	302	302
Hans Raj College	52	39	91	61	19	80	54	23	77	167	81	248
Hindu College	17	9	26	32	8	40	25	5	30	74	22	96
Indraprastha College for Women	—	156	156	—	126	126	—	119	119	—	401	401
Janki Devi Memorial College (W)	—	168	168	—	194	194	—	180	180	—	542	542
Jesus & Mary College (W)	—	287	287	—	256	256	—	227	227	—	770	770
Kalindi College (W)	—	139	139	—	157	157	—	119	119	—	415	415
Kamala Nehru College (W)	—	96	96	—	79	79	—	96	96	—	271	271
Kirori Mal College	41	24	65	34	14	48	31	14	45	106	52	158
Lady Sri Ram College (W)	—	52	52	—	50	50	—	62	62	—	164	164
Lakshmibai College (W)	—	314	314	—	270	270	—	275	275	—	859	859
Maitreyi College (W)	—	101	101	—	97	97	—	79	79	—	277	277
Mata Sundri College (W)	—	180	180	—	231	231	—	188	188	—	599	599
Miranda House (W)	—	151	151	—	127	127	—	141	141	—	419	419

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Moti Lal Nehru College	99	75	174	78	68	146	79	76	155	256	219	475
PGDAV College	72	33	105	69	25	94	63	37	100	204	95	299
Rajdhani College	115	38	153	92	27	119	53	32	85	260	97	357
Ram Lal Anand College	46	17	63	40	8	48	49	20	69	135	45	180
Ramjas College	80	50	130	55	11	66	37	29	66	172	90	262
SGTB Khalsa College	55	12	67	42	20	62	33	25	58	130	57	187
Satyawati College	180	43	223	136	37	173	109	31	140	425	111	536
Shaheed Bhagat Singh College	36	21	57	53	16	69	32	5	37	121	42	163
Shivaji College	88	9	97	124	28	152	109	19	128	321	56	377
Shyam Lal College	50	54	104	47	47	94	40	63	103	137	164	301
Shyama Prasad Mukherji College (W)	—	315	315	—	272	272	—	270	270	—	857	857
Sri Aurobindo College	141	41	182	149	39	188	100	33	133	390	113	503
Sri Venkateswara College	36	40	76	42	27	69	35	24	59	113	91	204
St. Stephen's College	35	22	57	41	22	63	30	13	43	106	57	163
Swami Shraddhanand College	158	51	209	95	51	146	95	44	139	348	146	494
Vivekananda College (W)	—	139	139	—	85	85	—	90	90	—	314	314
Zakir Husain College	116	78	194	95	81	176	107	71	178	318	230	548
Bhagini Nivedita College (W)	—	210	210	—	166	166	—	160	160	—	536	536
Aditi Mahavidhyalaya (W)	—	401	401	—	289	289	—	312	312	—	1002	1002
Maharaja Agrasen Co-Ednl. College	41	62	103	52	35	87	47	31	78	140	128	268
Sri Guru Nanak Dev Khalsa College	78	13	91	60	27	87	47	14	61	185	54	239
Total (Day):	2007	4124	6131	1796	3603	5399	1528	3622	5150	5331	11349	16680

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Deshbandhu College (Eve.)	101	20	121	82	25	107	86	32	118	269	77	346
Dyal Singh College (Eve.)	186	69	255	165	51	216	132	72	204	483	192	675
Moti Lal Nehru College (Eve.)	223	39	262	125	27	152	119	36	155	467	102	569
PGDAV College (Eve.)	138	67	205	120	40	160	124	25	149	382	132	514
Ram Lal Anand College (Eve.)	119	21	140	77	14	91	64	10	74	260	45	305
Satyawati College (Eve.)	186	23	209	129	21	150	105	35	140	420	79	499
Shaheed Bhagat Singh College (Eve.)	100	70	170	90	70	160	90	15	105	280	155	435
Shyam Lal College (Eve.)	75	44	119	75	45	120	98	28	126	248	117	365
Sri Aurobindo College (Eve.)	149	30	179	65	36	101	73	30	103	287	96	383
Zakir Husain P.G. College (Eve.)	163	9	172	176	19	195	129	21	150	468	49	517
Total (Eve.):	1440	392	1832	1104	348	1452	1020	304	1324	3564	1044	4608
Total (Day + Eve.):	3447	4516	7963	2900	3951	6851	2548	3926	6474	8895	12393	21288
External Candidate's Cell	15510	10135	25645	4000	4800	8800	—	—	—	19510	14935	34445
Non-Collegiate Women's Edn. Board	—	3491	3491	—	2827	2827	—	—	—	—	6318	6318
School of Open Learning	22548	21188	43736	—	—	—	—	—	—	22548	21188	43736
Total (Non-formal):	38058	34814	72872	4000	7627	11627	—	—	—	42058	42441	84499
Grand Total :	41505	39330	80835	6900	11578	18478	2548	3926	6474	50953	54834	105787

B.A. (Hons.)

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	156	97	253	103	91	194	62	90	152	321	278	599
Bharati College (W)	—	161	161	—	148	148	—	161	161	—	470	470
Bhim Rao Ambedkar College	81	88	169	52	78	130	59	64	123	192	230	422
College of Vocational Studies	87	38	125	47	39	86	46	33	79	180	110	290
Daulat Ram College (W)	—	352	352	—	286	286	—	293	293	—	931	931
Deen Dayal Upadhyaya College	8	18	26	4	19	23	3	12	15	15	49	64
Delhi College of Arts & Commerce	92	61	153	79	45	124	50	54	104	221	160	381
Deshbandhu College	231	101	332	143	91	234	103	76	179	477	268	745
Dyal Singh College	163	122	285	128	104	232	100	76	176	391	302	693
Gargi College (W)	—	207	207	—	163	163	—	183	183	—	553	553
Hans Raj College	170	147	317	160	123	283	128	107	235	458	377	835
Hindu College	119	131	250	96	122	218	90	105	195	305	358	663
Indraprastha College for Women	—	324	324	—	370	370	—	281	281	—	975	975
Janki Devi Memorial College (W)	—	325	325	—	322	322	—	228	228	—	875	875
Jesus & Mary College (W)	—	324	324	—	282	282	—	291	291	—	897	897
Kalindi College (W)	—	293	293	—	236	236	—	176	176	—	705	705
Kamala Nehru College (W)	—	384	384	—	299	299	—	273	273	—	956	956
Kirori Mal College	164	107	271	139	69	208	121	72	193	424	248	672
Lady Shri Ram College (W)	—	523	523	—	430	430	—	404	404	—	1357	1357
Lakshmibai College (W)	—	299	299	—	216	216	—	193	193	—	708	708
Maitreyi College (W)	—	202	202	—	193	193	—	172	172	—	567	567
Mata Sundri College (W)	—	347	347	—	288	288	—	289	289	—	924	924

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Miranda House (W)	—	375	375	—	301	301	—	282	282	—	958	958
Moti Lal Nehru College	110	83	193	70	79	149	49	80	129	229	242	471
PGDAV College	131	95	226	69	92	161	84	81	165	284	268	552
Rajdhani College	130	84	214	113	77	190	91	88	179	334	249	583
Ram Lal Anand College	151	55	206	91	58	149	90	57	147	332	170	502
Ramjas College	171	85	256	148	86	234	153	90	243	472	261	733
SGTB Khalsa College	205	147	352	133	91	224	66	92	158	404	330	734
Satyawati College	165	69	234	124	55	179	107	42	149	396	166	562
Shaheed Bhagat Singh College	135	66	201	85	61	146	101	81	182	321	208	529
Sherbutse College (Bhutan)	—	—	—	57	40	97	80	41	121	137	81	218
Shivaji College	201	54	255	140	63	203	89	62	151	430	179	609
Shyam Lal College	72	106	178	48	73	121	42	78	120	162	257	419
Shyama Prasad Mukherji College (W)	—	276	276	—	246	246	—	244	244	—	766	766
Sri Aurobindo College	69	42	111	52	32	84	26	26	52	147	100	247
Sri G. G. S. College of Commerce	51	48	99	47	50	97	51	44	95	149	142	291
Shri Ram College of Commerce	36	63	99	36	55	91	22	66	88	94	184	278
Sri Venkateswara College	109	109	218	75	140	215	79	145	224	263	394	657
St. Stephen's College	88	105	193	68	102	170	73	102	175	229	309	538
Swami Shraddhanand College	134	59	193	43	36	79	66	33	99	243	128	371
Vivekananda College (W)	—	198	198	—	167	167	—	195	195	—	560	560
Zakir Husain College	175	127	302	135	123	258	107	111	218	417	361	778
Bhagini Nivedita College (W)	—	22	22	—	12	12	—	18	18	—	52	52
Keshav Mahavidyalaya	3	17	20	—	—	—	—	—	—	3	17	20

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Aditi Mahavidhyalaya (W)	—	64	64	—	51	51	—	59	59	—	174	174
Maharaja Agrasen College	57	102	159	50	68	118	47	75	122	154	245	399
Sri Guru Nanak Dev Khalsa College	134	88	222	84	72	156	70	65	135	288	225	513
Total (Day):	3598	7190	10788	2619	6244	8863	2255	5890	8145	8472	19324	27796
Deshbandhu College (Eve.)	68	37	105	44	25	69	30	16	46	142	78	220
Dyal Singh College (Eve.)	70	34	104	68	29	97	38	27	65	176	90	266
Moti Lal Nehru College (Eve.)	73	18	91	46	13	59	49	10	59	168	41	209
PGDAV College (Eve.)	64	25	89	57	18	75	58	14	72	179	57	236
Ram Lal Anand College (Eve.)	131	35	166	79	33	112	64	27	91	274	95	369
Satyawati College (Eve.)	130	38	168	73	28	101	73	30	103	276	96	372
Shaheed Bhagat Singh College (Eve.)	75	14	89	57	18	75	45	24	69	177	56	233
Shyam Lal College (Eve.)	61	26	87	44	15	59	37	13	50	142	54	196
Sri Aurobindo College (Eve.)	48	18	66	13	10	23	10	9	19	71	37	108
Zakir Husain P.G. College (Eve.)	85	15	100	65	10	75	51	18	69	201	43	244
Total (Eve.):	805	260	1065	546	199	745	455	188	643	1806	647	2453
Total (Day + Eve.):	4403	7450	11853	3165	6443	9608	2710	6078	8788	10278	19971	30249

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
<i>Department</i>												
Germanic & Romance Studies	44	68	112	34	64	98	20	54	74	98	186	284
Total (Fac/Deptt./Centre):	44	68	112	34	64	98	20	54	74	98	186	284
Total (Regular):	4447	7518	11965	3199	6507	9706	2730	6132	8862	10376	20157	30533
School of Open Learning	1261	1827	3088	579	1003	1582	418	811	1229	2258	3641	5899
Total (Non-formal):	1261	1827	3088	579	1003	1582	418	811	1229	2258	3641	5899
Grand Total :	5708	9345	15053	3778	7510	11288	3148	6943	10091	12634	23798	36432

B.A.(Hons.)

Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T

B.A.(Hons.)

S-44

Arabic	4	2	6	3	6	9	3	3	6	10	11	21
Applied Psychology	22	105	127	8	68	76	7	45	52	37	218	255
Bengali	—	5	5	—	4	4	3	—	3	3	9	12
English	428	1188	1616	376	1176	1552	302	1094	1396	1106	3458	4564
Hindi	798	1005	1803	408	776	1184	351	824	1175	1557	2605	4162
Punjabi	19	51	70	7	27	34	3	35	38	29	113	142
Persian	10	13	23	1	8	9	2	5	7	13	26	39
Philosophy	28	271	299	10	198	208	7	187	194	45	656	701
Psychology	12	236	248	10	208	218	14	189	203	36	633	669
Sanskrit	197	248	445	79	211	290	79	219	298	355	678	1033
Urdu	36	31	67	22	20	42	16	22	38	74	73	147
Hindi Journalism & Mass Com.	37	67	104	34	82	116	40	80	120	111	229	340
Journalism	19	75	94	23	59	82	19	67	86	61	201	262
Dzonkha	—	—	—	—	—	—	13	8	21	13	8	21
French	11	19	30	6	17	23	8	10	18	25	46	71
German	8	19	27	8	14	22	1	18	19	17	51	68
Italian	10	16	26	16	16	32	6	16	22	32	48	80
Spanish	15	14	29	4	17	21	5	10	15	24	41	65
Economics	644	932	1576	538	890	1428	417	802	1219	1599	2624	4223
History	722	796	1518	429	564	993	402	549	951	1553	1909	3462

Course	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Geography	185	175	360	165	132	297	155	138	293	505	445	950
Pol. Science	802	1278	2080	707	1182	1889	582	1064	1646	2091	3524	5615
Sociology	15	235	250	11	178	189	9	174	183	35	587	622
Social Work	15	53	68	13	47	60	10	48	58	38	148	186
Business Economics	159	162	321	121	98	219	136	75	211	416	335	751
Mathematics	239	497	736	189	485	674	122	438	560	550	1420	1970
Music	12	25	37	11	24	35	18	12	30	41	61	102
Total:	4447	7518	11965	3199	6507	9706	2730	6132	8862	10376	20157	30533

S-45

Statement showing the Course-wise/College-wise distribution of Students during the Academic Session 2007-2008)

B.A. (Hons.) Arabic

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Zakir Husain College	4	2	6	3	6	9	3	3	6	10	11	21
Total (Day):	4	2	6	3	6	9	3	3	6	10	11	21

B.A. (Hons.) Applied Psychology

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Bhim Rao Ambedkar College	11	18	29	—	—	—	—	—	—	11	18	29
Gargi College (W)	—	22	22	—	20	20	—	21	21	—	63	63
Shyama Prasad Mukherji College (W)	—	24	24	—	16	16	—	—	—	—	40	40
Vivekananda College (W)	—	26	26	—	23	23	—	18	18	—	67	67
Total (Day):	11	90	101	—	59	59	—	39	39	11	188	199
Sri Aurobindo College (Eve.)	11	15	26	8	9	17	7	6	13	26	30	56
Total (Eve.):	11	15	26	8	9	17	7	6	13	26	30	56
Total (Day + Eve.):	22	105	127	8	68	76	7	45	52	37	218	255

S-46

B.A. (Hons.) Bengali

Miranda House (W)	—	3	3	—	1	1	—	—	—	—	4	4
Zakir Husain College	—	2	2	—	3	3	3	—	3	3	5	8
Total (Day):	—	5	5	—	4	4	3	—	3	3	9	12

B.A. (Hons.) English

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	24	18	42	5	28	33	3	15	18	32	61	93
Bharati College (W)	—	40	40	—	39	39	—	33	33	—	112	112
Daulat Ram College (W)	—	32	32	—	39	39	—	52	52	—	123	123
Deen Dayal Upadhyaya College	8	18	26	4	19	23	3	12	15	15	49	64
Delhi College of Arts & Commerce	15	21	36	6	20	26	14	14	28	35	55	90
Deshbandhu College	16	29	45	24	27	51	10	25	35	50	81	131
Dyal Singh College	12	32	44	12	31	43	11	30	41	35	93	128
Gargi College (W)	—	27	27	—	28	28	—	23	23	—	78	78
Hans Raj College	10	24	34	15	36	51	15	34	49	40	94	134
Hindu College	7	18	25	11	19	30	9	22	31	27	59	86
Indraprastha College for Women	—	41	41	—	40	40	—	34	34	—	115	115
Janki Devi Memorial College (W)	—	30	30	—	42	42	—	29	29	—	101	101
Jesus & Mary College (W)	—	40	40	—	37	37	—	35	35	—	112	112
Kalindi College (W)	—	28	28	—	35	35	—	22	22	—	85	85
Kamala Nehru College (W)	—	27	27	—	27	27	—	24	24	—	78	78
Kirori Mal College	18	23	41	10	17	27	11	23	34	39	63	102
Lady Shri Ram College (W)	—	83	83	—	73	73	—	63	63	—	219	219
Lakshmibai College (W)	—	31	31	—	32	32	—	23	23	—	86	86
Maitreyi College (W)	—	35	35	—	33	33	—	27	27	—	95	95
Mata Sundri College (W)	—	55	55	—	54	54	—	60	60	—	169	169
Miranda House (W)	—	42	42	—	35	35	—	39	39	—	116	116
Moti Lal Nehru College	4	19	23	7	15	22	5	20	25	16	54	70

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
PGDAV College	12	26	38	7	20	27	9	17	26	28	63	91
Rajdhani College	11	16	27	7	26	33	6	15	21	24	57	81
Ram Lal Anand College	23	22	45	18	33	51	17	26	43	58	81	139
Ramjas College	20	18	38	15	22	37	17	19	36	52	59	111
SGTB Khalsa College	11	33	44	11	34	45	6	27	33	28	94	122
Satyawati College	20	8	28	17	3	20	10	3	13	47	14	61
Shaheed Bhagat Singh College	9	16	25	6	17	23	7	19	26	22	52	74
Sherbutse College (Bhutan)	—	—	—	20	18	38	23	13	36	43	31	74
Shivaji College	18	19	37	9	20	29	7	25	32	34	64	98
Shyam Lal College	6	30	36	10	14	24	2	28	30	18	72	90
Shyama Prasad Mukherji College (W)	—	25	25	—	24	24	—	24	24	—	73	73
Sri Aurobindo College	17	18	35	14	18	32	7	18	25	38	54	92
Sri Venkateswara College	6	24	30	6	31	37	6	27	33	18	82	100
St. Stephen's College	7	21	28	15	13	28	10	17	27	32	51	83
Swami Shraddhanand College	21	21	42	6	20	26	11	10	21	38	51	89
Vivekananda College (W)	—	27	27	—	23	23	—	25	25	—	75	75
Zakir Husain College	14	10	24	16	12	28	8	13	21	38	35	73
Maharaja Agrasen College	9	20	29	6	18	24	5	23	28	20	61	81
Sri Guru Nanak Dev Khalsa College	12	40	52	15	23	38	3	26	29	30	89	119
Total (Day):	330	1107	1437	292	1115	1407	235	1034	1269	857	3256	4113

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Deshbandhu College (Eve.)	16	17	33	8	13	21	8	8	16	32	38	70
Dyal Singh College (Eve.)	30	22	52	32	21	53	23	22	45	85	65	150
Moti Lal Nehru College (Eve.)	6	9	15	6	8	14	9	3	12	21	20	41
Ram Lal Anand College (Eve.)	15	13	28	16	9	25	12	10	22	43	32	75
Satyawati College (Eve.)	20	14	34	9	6	15	8	13	21	37	33	70
Zakir Husain P.G. College (Eve.)	11	6	17	13	4	17	7	4	11	31	14	45
Total (Eve.):	98	81	179	84	61	145	67	60	127	249	202	451
Total (Day+ Eve.):	428	1188	1616	376	1176	1552	302	1094	1396	1106	3458	4564
School of Open Learning	350	908	1258	153	426	579	104	435	539	607	1769	2376
Total (Non-formal) :	350	908	1258	153	426	579	104	435	539	607	1769	2376
Grand Total :	778	2096	2874	529	1602	2131	406	1529	1935	1713	5227	6940

B.A.(Hons.) Hindi

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	23	14	37	13	13	26	9	22	31	45	49	94
Bharati College (W)	—	38	38	—	31	31	—	34	34	—	103	103
Daulat Ram College (W)	—	67	67	—	46	46	—	43	43	—	156	156
Deshbandhu College	37	18	55	20	12	32	16	8	24	73	38	111
Dyal Singh College	38	11	49	17	10	27	15	10	25	70	31	101
Gargi College (W)	—	23	23	—	26	26	—	21	21	—	70	70
Hans Raj College	39	16	55	37	4	41	33	7	40	109	27	136
Hindu College	19	18	37	20	9	29	11	4	15	50	31	81
Indraprastha College for Women	—	44	44	—	35	35	—	32	32	—	111	111
Janki Devi Memorial College (W)	—	39	39	—	33	33	—	20	20	—	92	92
Jesus & Mary College (W)	—	27	27	—	27	27	—	30	30	—	84	84
Kalindi College (W)	—	44	44	—	29	29	—	37	37	—	110	110
Kamala Nehru College (W)	—	34	34	—	30	30	—	34	34	—	98	98
Kirori Mal College	25	7	32	12	4	16	13	4	17	50	15	65
Lady Shri Ram College (W)	—	37	37	—	20	20	—	27	27	—	84	84
Lakshmibai College (W)	—	34	34	—	22	22	—	26	26	—	82	82
Maitreyi College (W)	—	36	36	—	36	36	—	23	23	—	95	95
Mata Sundri College (W)	—	71	71	—	48	48	—	58	58	—	177	177
Miranda House (W)	—	41	41	—	37	37	—	31	31	—	109	109
Moti Lal Nehru College	24	12	36	5	10	15	9	13	22	38	35	73
PGDAV College	26	19	45	5	24	29	9	17	26	40	60	100

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Rajdhani College	23	17	40	26	11	37	10	15	25	59	43	102
Ram Lal Anand College	36	14	50	18	11	29	22	18	40	76	43	119
Ramjas College	36	15	51	21	12	33	34	30	64	91	57	148
SGTB Khalsa College	37	15	52	23	7	30	11	10	21	71	32	103
Satyawati College	18	10	28	18	11	29	8	8	16	44	29	73
Shaheed Bhagat Singh College	22	11	33	15	11	26	16	14	30	53	36	89
Shivaji College	39	6	45	17	4	21	8	7	15	64	17	81
Shyam Lal College	13	24	37	4	21	25	5	23	28	22	68	90
Shyama Prasad Mukherji College (W)	—	38	38	—	54	54	—	57	57	—	149	149
Sri Aurobindo College	31	9	40	12	6	18	4	5	9	47	20	67
Sri Venkateswara College	12	16	28	12	10	22	8	14	22	32	40	72
Swami Shraddhanand College	29	18	47	9	9	18	12	10	22	50	37	87
Vivekananda College (W)	—	38	38	—	31	31	—	34	34	—	103	103
Zakir Husain College	16	13	29	14	5	19	5	8	13	35	26	61
Bhagini Nivedita College (W)	—	22	22	—	12	12	—	18	18	—	52	52
Maharaja Agrasen College	10	29	39	5	17	22	4	22	26	19	68	87
Sri Guru Nanak Dev Khalsa College	38	2	40	12	5	17	9	2	11	59	9	68
Total (Day):	591	947	1538	335	743	1078	271	796	1067	1197	2486	3683

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Deshbandhu College (Eve.)	27	11	38	6	6	12	4	4	8	37	21	58
Moti Lal Nehru College (Eve.)	20	1	21	7	1	8	12	3	15	39	5	44
PGDAV College (Eve.)	29	6	35	15	6	21	19	4	23	63	16	79
Ram Lal Anand College (Eve.)	33	8	41	4	2	6	5	3	8	42	13	55
Satyawati College (Eve.)	30	9	39	15	12	27	11	6	17	56	27	83
Shyam Lal College (Eve.)	17	17	34	6	5	11	12	3	15	35	25	60
Sri Aurobindo College (Eve.)	37	3	40	5	1	6	3	3	6	45	7	52
Zakir Husain P.G. College (Eve.)	14	3	17	15	—	15	14	2	16	43	5	48
Total (Eve.):	207	58	265	73	33	106	80	28	108	360	119	479
Total (Day + Eve.):	798	1005	1803	408	776	1184	351	824	1175	1557	2605	4162

B.A. (Hons.) Punjabi

Mata Sundri College (W)	—	19	19	—	17	17	—	20	20	—	56	56
SGTB Khalsa College	12	25	37	6	7	13	3	12	15	21	44	65
Sri Guru Nanak Dev Khalsa College	7	7	14	1	3	4	—	3	3	8	13	21
Total (Day):	19	51	70	7	27	34	3	35	38	29	113	142

B.A.(Hons.) Persian

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Zakir Husain College	5	12	17	1	8	9	2	5	7	8	25	33
Total (Day) :	5	12	17	1	8	9	2	5	7	8	25	33
Zakir Husain P.G. College (Eve.)	5	1	6	—	—	—	—	—	—	5	1	6
Total (Eve.):	5	1	6	—	—	—	—	—	—	5	1	6
Total (Day + Eve.):	10	13	23	1	8	9	2	5	7	13	26	39

S-53

B.A. (Hons.) Philosophy

Daulat Ram College (W)	—	21	21	—	15	15	—	24	24	—	60	60
Gargi College (W)	—	17	17	—	14	14	—	14	14	—	45	45
Hindu College	7	1	8	—	—	—	—	—	—	7	1	8
Indraprastha College for Women	—	24	24	—	24	24	—	27	27	—	75	75
Janki Devi Memorial College (W)	—	23	23	—	19	19	—	9	9	—	51	51
Kamala Nehru College (W)	—	26	26	—	17	17	—	14	14	—	57	57
Lady Shri Ram College (W)	—	26	26	—	22	22	—	22	22	—	70	70
Lakshmibai College (W)	—	35	35	—	16	16	—	8	8	—	59	59
Mata Sundri College (W)	—	27	27	—	7	7	—	13	13	—	47	47
Miranda House (W)	—	33	33	—	35	35	—	29	29	—	97	97

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Shyama Prasad Mukherji College (W)	—	25	25	—	18	18	—	17	17	—	60	60
St. Stephen's College	7	7	14	3	4	7	5	2	7	15	13	28
Zakir Husain College	14	6	20	7	7	14	2	8	10	23	21	44
Total (Day):	28	271	299	10	198	208	7	187	194	45	656	701

B.A. (Hons.) Psychology

Daulat Ram College (W)	—	27	27	—	27	27	—	25	25	—	79	79
Indraprastha College for Women	—	35	35	—	37	37	—	30	30	—	102	102
Jesus & Mary College (W)	—	43	43	—	39	39	—	35	35	—	117	117
Kamala Nehru College (W)	—	27	27	—	26	26	—	32	32	—	85	85
Lady Shri Ram College (W)	—	33	33	—	32	32	—	33	33	—	98	98
Mata Sundri College (W)	—	38	38	—	33	33	—	24	24	—	95	95
Zakir Husain College	9	16	25	10	14	24	14	10	24	33	40	73
Keshav Mahavidhyalaya	3	17	20	—	—	—	—	—	—	3	17	20
Total (Day):	12	236	248	10	208	218	14	189	203	36	633	669

B.A. (Hons.) Sanskrit

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Bharati College (W)	—	15	15	—	21	21	—	25	25	—	61	61
Daulat Ram College (W)	—	10	10	—	11	11	—	15	15	—	36	36
Deshbandhu College	30	9	39	5	4	9	—	2	2	35	15	50
Gargi College (W)	—	4	4	—	9	9	—	12	12	—	25	25
Hans Raj College	34	4	38	15	2	17	22	—	22	71	6	77
Hindu College	8	8	16	8	4	12	13	5	18	29	17	46
Indraprastha College for Women	—	10	10	—	14	14	—	6	6	—	30	30
Janki Devi Memorial College (W)	—	18	18	—	5	5	—	7	7	—	30	30
Kalindi College (W)	—	8	8	—	6	6	—	1	1	—	15	15
Kamala Nehru College (W)	—	12	12	—	16	16	—	16	16	—	44	44
Kirori Mal College	21	2	23	10	3	13	4	1	5	35	6	41
Lady Shri Ram College (W)	—	11	11	—	15	15	—	10	10	—	36	36
Lakshmibai College (W)	—	13	13	—	6	6	—	11	11	—	30	30
Maitreyi College (W)	—	11	11	—	7	7	—	4	4	—	22	22
Mata Sundri College (W)	—	12	12	—	19	19	—	15	15	—	46	46
Miranda House (W)	—	13	13	—	12	12	—	7	7	—	32	32
Moti Lal Nehru College	25	7	32	10	8	18	7	3	10	42	18	60
PGDAV College	10	7	17	1	—	1	2	3	5	13	10	23
Rajdhani College	15	—	15	5	1	6	8	11	19	28	12	40
Ramjas College	9	5	14	5	3	8	6	6	12	20	14	34
Satyawati College	10	13	23	10	6	16	2	2	4	22	21	43

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Shivaji College	2	1	3	—	—	—	4	—	4	6	1	7
Shyama Prasad Mukherji College (W)	—	25	25	—	14	14	—	22	22	—	61	61
Sri Venkateswara College	3	4	7	2	3	5	5	—	5	10	7	17
St. Stephen's College	9	3	12	1	5	6	3	8	11	13	16	29
Vivekananda College (W)	—	17	17	—	13	13	—	24	24	—	54	54
Zakir Husain College	11	4	15	7	4	11	1	3	4	19	11	30
Total (Day):	187	246	433	79	211	290	77	219	296	343	676	1019
Zakir Husain P.G. College (Eve.)	10	2	12	—	—	—	2	—	2	12	2	14
Total (Eve.):	10	2	12	—	—	—	2	—	2	12	2	14
Total (Day + Eve.):	197	248	445	79	211	290	79	219	298	355	678	1033

B.A. (Hons.) Urdu

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Kirori Mal College	13	10	23	10	2	12	5	2	7	28	14	42
Satyawati College	8	3	11	4	1	5	5	5	10	17	9	26
Zakir Husain College	6	16	22	3	14	17	5	11	16	14	41	55
Total (Day):	27	29	56	17	17	34	15	18	33	59	64	123
Zakir Husain P.G. College (Eve.)	9	2	11	5	3	8	1	4	5	15	9	24
Total (Eve.):	9	2	11	5	3	8	1	4	5	15	9	24
Total (Day + Eve.):	36	31	67	22	20	42	16	22	38	74	73	147

S-57

B.A. (Hons.) Hindi Journalism & Mass Communication

Bhim Rao Ambedkar College	9	9	18	9	19	28	13	21	34	31	49	80
Kamala Nehru College (W)	—	39	39	—	23	23	—	23	23	—	85	85
Ram Lal Anand College	15	3	18	14	9	23	—	—	—	29	12	41
Aditi Mahavidyalaya (W)	—	12	12	—	22	22	—	29	29	—	63	63
Sri Guru Nanak Dev Khalsa College	13	4	17	11	9	20	27	7	34	51	20	71
Total (Day):	37	67	104	34	82	116	40	80	120	111	229	340

B.A. (Hons.) Journalism

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Delhi College of Arts & Commerce	9	9	18	11	5	16	5	13	18	25	27	52
Kalindi College (W)	—	29	29	—	23	23	—	24	24	—	76	76
Lady Shri Ram College (W)	—	21	21	—	20	20	—	23	23	—	64	64
Maharaja Agrasen College	10	16	26	12	11	23	14	7	21	36	34	70
Total (Day):	19	75	94	23	59	82	19	67	86	61	201	262

B.A. (Hons.) Dzongkha

Sherbutse College (Bhutan)	—	—	—	—	—	—	13	8	21	13	8	21
Total (Day):	—	—	—	—	—	—	13	8	21	13	8	21

B.A. (Hons.) French**Department**

Germanic & Romance	11	19	30	6	17	23	8	10	18	25	46	71
Total :	11	19	30	6	17	23	8	10	18	25	46	71

B.A. (Hons.) German

Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Germanic & Romance	8	19	27	8	14	22	1	18	19	17	51	68
Total :	8	19	27	8	14	22	1	18	19	17	51	68

B.A. (Hons.) Italian

Germanic & Romance	10	16	26	16	16	32	6	16	22	32	48	80
Total :	10	16	26	16	16	32	6	16	22	32	48	80

B.A. (Hons.) Spanish

Germanic & Romance	15	14	29	4	17	21	5	10	15	24	41	65
Total :	15	14	29	4	17	21	5	10	15	24	41	65

B.A. (Hons.) Economics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	29	27	56	28	20	48	16	28	44	73	75	148
College of Vocational Studies	27	17	44	12	15	27	13	14	27	52	46	98
Daulat Ram College (W)	—	68	68	—	24	24	—	38	38	—	130	130
Delhi College of Arts & Commerce	19	13	32	27	9	36	12	15	27	58	37	95
Deshbandhu College	26	6	32	18	8	26	13	6	19	57	20	77
Dyal Singh College	18	22	40	14	22	36	10	15	25	42	59	101
Hans Raj College	34	60	94	45	38	83	22	50	72	101	148	249
Hindu College	25	26	51	13	24	37	14	17	31	52	67	119
Indraprastha College for Women	—	30	30	—	51	51	—	31	31	—	112	112
Janki Devi Memorial College (W)	—	26	26	—	51	51	—	24	24	—	101	101
Jesus & Mary College (W)	—	54	54	—	48	48	—	48	48	—	150	150
Kalindi College (W)	—	42	42	—	39	39	—	20	20	—	101	101
Kamala Nehru College (W)	—	27	27	—	38	38	—	30	30	—	95	95
Kirori Mal College	24	23	47	29	17	46	27	11	38	80	51	131
Lady Shri Ram College (W)	—	91	91	—	67	67	—	60	60	—	218	218
Lakshmibai College (W)	—	28	28	—	32	32	—	24	24	—	84	84
Maitreyi College (W)	—	29	29	—	26	26	—	35	35	—	90	90
Miranda House (W)	—	41	41	—	41	41	—	39	39	—	121	121
Moti Lal Nehru College	6	12	18	17	18	35	2	18	20	25	48	73
PGDAV College	14	11	25	15	14	29	18	15	33	47	40	87
Rajdhani College	21	27	48	23	11	34	20	14	34	64	52	116

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Ramjas College	33	17	50	23	15	38	17	12	29	73	44	117
SGTB Khalsa College	28	29	57	31	19	50	19	19	38	78	67	145
Satyawati College	40	5	45	20	8	28	30	4	34	90	17	107
Shaheed Bhagat Singh College	24	8	32	14	5	19	15	6	21	53	19	72
Sherbutse College (Bhutan)	—	—	—	23	12	35	29	13	42	52	25	77
Shivaji College	30	8	38	18	2	20	16	5	21	64	15	79
Shyam Lal College	19	14	33	7	13	20	7	8	15	33	35	68
Shyama Prasad Mukherji College (W)	—	19	19	—	26	26	—	18	18	—	63	63
Sri G.G.S. College of Commerce	33	29	62	20	30	50	17	35	52	70	94	164
Shri Ram College of Commerce	36	63	99	36	55	91	22	66	88	94	184	278
Sri Venkateswara College	31	9	40	20	36	56	20	27	47	71	72	143
St. Stephen's College	19	31	50	15	37	52	21	25	46	55	93	148
Zakir Husain College	32	4	36	18	8	26	6	1	7	56	13	69
Total (Day):	568	916	1484	486	879	1365	386	791	1177	1440	2586	4026
Ram Lal Anand College (Eve.)	25	5	30	22	2	24	14	4	18	61	11	72
Satyawati College (Eve.)	29	9	38	15	4	19	14	5	19	58	18	76
Shyam Lal College (Eve.)	22	2	24	15	5	20	3	2	5	40	9	49
Total (Eve.):	76	16	92	52	11	63	31	11	42	159	38	197
Total (Day + Eve.):	644	932	1576	538	890	1428	417	802	1219	1599	2624	4223
Grand Total :	644	932	1576	538	890	1428	417	802	1219	1599	2624	4223

B.A. (Hons.) History

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	20	12	32	9	5	14	6	4	10	35	21	56
Bharati College (W)	—	31	31	—	27	27	—	33	33	—	91	91
College of Vocational Studies	37	9	46	14	10	24	8	6	14	59	25	84
Daulat Ram College (W)	—	35	35	—	27	27	—	22	22	—	84	84
Delhi College of Arts & Commerce	24	9	33	17	4	21	9	4	13	50	17	67
Deshbandhu College	57	4	61	21	5	26	25	9	34	103	18	121
Dyal Singh College	32	15	47	18	3	21	19	2	21	69	20	89
Gargi College (W)	—	36	36	—	17	17	—	23	23	—	76	76
Hans Raj College	23	15	38	32	14	46	28	1	29	83	30	113
Hindu College	17	12	29	19	16	35	13	16	29	49	44	93
Indraprastha College for Women	—	28	28	—	34	34	—	28	28	—	90	90
Janki Devi Memorial College (W)	—	63	63	—	36	36	—	26	26	—	125	125
Jesus & Mary College (W)	—	25	25	—	28	28	—	29	29	—	82	82
Kalindi College (W)	—	41	41	—	22	22	—	5	5	—	68	68
Kamala Nehru College (W)	—	37	37	—	17	17	—	19	19	—	73	73
Kirori Mal College	19	14	33	21	7	28	18	5	23	58	26	84
Lady Shri Ram College (W)	—	67	67	—	67	67	—	59	59	—	193	193
Lakshmibai College (W)	—	33	33	—	21	21	—	8	8	—	62	62
Maitreyi College (W)	—	20	20	—	14	14	—	20	20	—	54	54
Mata Sundri College (W)	—	40	40	—	22	22	—	15	15	—	77	77

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Miranda House (W)	—	46	46	—	25	25	—	22	22	—	93	93
Moti Lal Nehru College	22	7	29	1	8	9	6	8	14	29	23	52
PGDAV College	22	15	37	14	7	21	18	5	23	54	27	81
Rajdhani College	28	5	33	25	3	28	27	5	32	80	13	93
Ram Lal Anand College	38	4	42	12	1	13	21	3	24	71	8	79
Ramjas College	29	8	37	30	9	39	35	11	46	94	28	122
SGTB Khalsa College	45	7	52	26	2	28	12	4	16	83	13	96
Satyawati College	30	8	38	10	7	17	20	5	25	60	20	80
Shaheed Bhagat Singh College	24	5	29	7	1	8	18	4	22	49	10	59
Shivaji College	35	1	36	25	2	27	9	—	9	69	3	72
Shyam Lal College	23	16	39	10	9	19	15	3	18	48	28	76
Shyama Prasad Mukherji College (W)	—	31	31	—	17	17	—	27	27	—	75	75
Sri Venkateswara College	15	14	29	17	9	26	11	18	29	43	41	84
St. Stephen's College	29	30	59	24	34	58	24	32	56	77	96	173
Swami Shraddhanand College	46	10	56	11	—	11	12	8	20	69	18	87
Vivekananda College (W)	—	27	27	—	21	21	—	34	34	—	82	82
Zakir Husain College	19	10	29	15	10	25	11	20	31	45	40	85
Sri Guru Nanak Dev Khalsa College	18	1	19	9	2	11	5	1	6	32	4	36
Total (Day):	652	791	1443	387	563	950	370	544	914	1409	1898	3307

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Moti Lal Nehru College (Eve.)	26	3	29	18	—	18	13	1	14	57	4	61
Satyawati College (Eve.)	31	2	33	16	1	17	12	1	13	59	4	63
Zakir Husain P.G. College (Eve.)	13	—	13	8	—	8	7	3	10	28	3	31
Total (Eve.):	70	5	75	42	1	43	32	5	37	144	11	155
Total (Day + Eve.):	722	796	1518	429	564	993	402	549	951	1553	1909	3462

B.A. (Hons.) Geography

Bhim Rao Ambedkar College	19	23	42	17	19	36	14	15	29	50	57	107
Dyal Singh College	25	14	39	20	17	37	17	7	24	62	38	100
Kamala Nehru College (W)	—	36	36	—	24	24	—	27	27	—	87	87
Kirori Mal College	19	10	29	17	11	28	20	10	30	56	31	87
Miranda House (W)	—	34	34	—	23	23	—	33	33	—	90	90
Shaheed Bhagat Singh College	19	9	28	20	6	26	18	9	27	57	24	81
Sherbutse College (Bhutan)	—	—	—	14	10	24	15	7	22	29	17	46
Shivaji College	25	11	36	25	8	33	15	11	26	65	30	95
Swami Shraddhanand College	38	10	48	17	7	24	31	5	36	86	22	108
Aditi Mahavidyalaya (W)	—	23	23	—	—	—	—	—	—	—	23	23
Total (Day):	145	170	315	130	125	255	130	124	254	405	419	824

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Shaheed Bhagat Singh College (Eve.)	40	5	45	35	7	42	25	14	39	100	26	126
Total (Eve.):	40	5	45	35	7	42	25	14	39	100	26	126
Total (Day + Eve.):	185	175	360	165	132	297	155	138	293	505	445	950

B.A. (Hons.) Political Science

59	A.R.S.D. College	52	24	76	39	14	53	25	12	37	116	50	166
59	Bharati College (W)	—	37	37	—	30	30	—	36	36	—	103	103
	Daulat Ram College (W)	—	69	69	—	74	74	—	70	70	—	213	213
	Delhi College of Arts & Commerce	25	9	34	18	7	25	10	8	18	53	24	77
	Deshbandhu College	52	29	81	41	28	69	29	21	50	122	78	200
	Dyal Singh College	30	16	46	28	8	36	24	7	31	82	31	113
	Gargi College (W)	—	47	47	—	49	49	—	69	69	—	165	165
	Hindu College	18	22	40	13	23	36	19	18	37	50	63	113
	Indraprastha College for Women	—	71	71	—	96	96	—	66	66	—	233	233
	Janki Devi Memorial College (W)	—	57	57	—	75	75	—	58	58	—	190	190
	Jesus & Mary College (W)	—	52	52	—	32	32	—	37	37	—	121	121
	Kalindi College (W)	—	101	101	—	82	82	—	67	67	—	250	250
	Kamala Nehru College (W)	—	62	62	—	59	59	—	40	40	—	161	161
	Kirori Mal College	18	14	32	24	6	30	21	6	27	63	26	89

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Lady Shri Ram College (W)	—	86	86	—	65	65	—	53	53	—	204	204
Lakshmibai College (W)	—	72	72	—	65	65	—	64	64	—	201	201
Maitreyi College (W)	—	44	44	—	49	49	—	42	42	—	135	135
Mata Sundri College (W)	—	60	60	—	61	61	—	53	53	—	174	174
Miranda House (W)	—	47	47	—	33	33	—	32	32	—	112	112
Moti Lal Nehru College	14	14	28	21	11	32	11	11	22	46	36	82
PGDAV College	30	6	36	20	15	35	22	11	33	72	32	104
Rajdhani College	22	14	36	17	15	32	15	19	34	54	48	102
Ram Lal Anand College	39	12	51	29	4	33	30	10	40	98	26	124
Ramjas College	29	14	43	30	11	41	27	9	36	86	34	120
SGTB Khalsa College	35	20	55	27	13	40	15	20	35	77	53	130
Satyawati College	29	10	39	35	7	42	28	8	36	92	25	117
Shaheed Bhagat Singh College	26	6	32	13	8	21	18	4	22	57	18	75
Shivaji College	30	3	33	38	11	49	22	6	28	90	20	110
Shyam Lal College	11	22	33	17	16	33	13	16	29	41	54	95
Shyama Prasad Mukherji College (W)	—	64	64	—	52	52	—	50	50	—	166	166
Sri Aurobindo College	21	15	36	26	8	34	15	3	18	62	26	88
Sri Venkateswara College	19	10	29	9	20	29	13	19	32	41	49	90
Vivekananda College (W)	—	33	33	—	32	32	—	33	33	—	98	98
Zakir Husain College	31	23	54	36	25	61	39	25	64	106	73	179
Maharaja Agrasen College	14	20	34	6	14	20	5	13	18	25	47	72
Sri Guru Nanak Dev Khalsa College	23	17	40	19	9	28	13	1	14	55	27	82
Total (Day):	568	1222	1790	506	1127	1633	414	1017	1431	1488	3366	4854

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Deshbandhu College (Eve.)	25	9	34	30	6	36	18	4	22	73	19	92
Dyal Singh College (Eve.)	40	12	52	36	8	44	15	5	20	91	25	116
Moti Lal Nehru College (Eve.)	21	5	26	15	4	19	15	3	18	51	12	63
PGDAV College (Eve.)	19	7	26	18	6	24	20	5	25	57	18	75
Ram Lal Anand College (Eve.)	29	2	31	15	7	22	10	2	12	54	11	65
Satyawati College (Eve.)	20	4	24	18	5	23	28	5	33	66	14	80
Shaheed Bhagat Singh College (Eve.)	35	9	44	22	11	33	20	10	30	77	30	107
Shyam Lal College (Eve.)	22	7	29	23	5	28	22	8	30	67	20	87
Zakir Husain P.G. College (Eve.)	23	1	24	24	3	27	20	5	25	67	9	76
Total (Eve.):	234	56	290	201	55	256	168	47	215	603	158	761
Total (Day + Eve.):	802	1278	2080	707	1182	1889	582	1064	1646	2091	3524	5615
School of Open Learning	911	919	1830	426	577	1003	314	376	690	1651	1872	3523
Total (Non-formal):	911	919	1830	426	577	1003	314	376	690	1651	1872	3523
Grand Total :	1713	2197	3910	1133	1759	2892	896	1440	2336	3742	5396	9138

B.A. (Hons.) Sociology

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Hindu College	7	20	27	9	21	30	2	17	19	18	58	76
Janki Devi Memorial College (W)	—	36	36	—	27	27	—	25	25	—	88	88
Jesus & Mary College (W)	—	51	51	—	40	40	—	40	40	—	131	131
Kamala Nehru College (W)	—	34	34	—	—	—	—	—	—	—	34	34
Lady Shri Ram College (W)	—	23	23	—	25	25	—	22	22	—	70	70
Maitreyi College (W)	—	22	22	—	23	23	—	13	13	—	58	58
Miranda House (W)	—	33	33	—	32	32	—	32	32	—	97	97
Sri Venkateswara College	8	16	24	2	10	12	7	25	32	17	51	68
Total :	15	235	250	11	178	189	9	174	183	35	587	622

B.A. (Hons.) Social Work

Bhim Rao Ambedkar College	15	24	39	13	18	31	10	18	28	38	60	98
Aditi Mahavidyalaya (W)	—	29	29	—	29	29	—	30	30	—	88	88
Total :	15	53	68	13	47	60	10	48	58	38	148	186

B.A. (Hons.) Business Economics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Bhim Rao Ambedkar College	27	14	41	13	22	35	22	10	32	62	46	108
College of Vocational Studies	23	12	35	21	14	35	25	13	38	69	39	108
Gargi College (W)	—	31	31	—	—	—	—	—	—	—	31	31
Lakshmibai College (W)	—	30	30	—	—	—	—	—	—	—	30	30
SGTB Khalsa College	25	15	40	—	—	—	—	—	—	25	15	40
Sri G. G. S. College of Commerce	18	19	37	27	20	47	34	9	43	79	48	127
Maharaja Agarsen College	14	17	31	21	8	29	19	10	29	54	35	89
Sri Guru Nanak Dev Khalsa College	23	17	40	17	21	38	13	25	38	53	63	116
Total (Day):	130	155	285	99	85	184	113	67	180	342	307	649
Ram Lal Anand College (Eve.)	29	7	36	22	13	35	23	8	31	74	28	102
Total (Eve.):	29	7	36	22	13	35	23	8	31	74	28	102
Total (Day + Eve.):	159	162	321	121	98	219	136	75	211	416	335	751

B.A. (Hons.) Mathematics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	8	2	10	9	11	20	3	9	12	20	22	42
Daulat Ram College (W)	—	20	20	—	20	20	—	—	—	—	40	40
Deshbandhu College	13	6	19	14	7	21	10	5	15	37	18	55
Dyal Singh College	8	12	20	19	13	32	4	5	9	31	30	61
Hans Raj College	30	28	58	16	29	45	8	15	23	54	72	126
Hindu College	6	3	9	2	2	4	2	3	5	10	8	18
Indraprastha College for Women	—	34	34	—	34	34	—	24	24	—	92	92
Janki Devi Memorial College (W)	—	33	33	—	34	34	—	30	30	—	97	97
Jesus & Mary College (W)	—	32	32	—	31	31	—	37	37	—	100	100
Kamala Nehru College (W)	—	23	23	—	22	22	—	14	14	—	59	59
Kirori Mal College	7	4	11	6	2	8	2	10	12	15	16	31
Lady Shri Ram College (W)	—	45	45	—	24	24	—	32	32	—	101	101
Lakshmibai College (W)	—	23	23	—	22	22	—	29	29	—	74	74
Maitreyi College (W)	—	5	5	—	5	5	—	8	8	—	18	18
Mata Sundri College (W)	—	25	25	—	27	27	—	31	31	—	83	83
Miranda House (W)	—	35	35	—	17	17	—	16	16	—	68	68
Moti Lal Nehru College	15	12	27	9	9	18	9	7	16	33	28	61
PGDAV College	17	11	28	7	12	19	6	13	19	30	36	66
Rajdhani College	10	5	15	10	10	20	5	9	14	25	24	49
Ramjas College	8	3	11	14	12	26	6	3	9	28	18	46
SGTB Khalsa College	12	3	15	9	9	18	—	—	—	21	12	33
Satyawati College	10	12	22	10	12	22	4	7	11	24	31	55

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Shaheed Bhagat Singh College	11	11	22	10	13	23	9	25	34	30	49	79
Shivaji College	22	5	27	8	16	24	8	8	16	38	29	67
Shyama Prasad Mukherji College (W)	—	25	25	—	25	25	—	29	29	—	79	79
Sri Venkateswara College	15	16	31	7	21	28	9	15	24	31	52	83
St. Stephen's College	17	13	30	10	9	19	10	18	28	37	40	77
Vivekananda College (W)	—	30	30	—	24	24	—	27	27	—	81	81
Zakir Husain College	14	9	23	5	7	12	8	4	12	27	20	47
Total (Day):	223	485	708	165	479	644	103	433	536	491	1397	1888
PGDAV College (Eve.)	16	12	28	24	6	30	19	5	24	59	23	82
Total (Eve.):	16	12	28	24	6	30	19	5	24	59	23	82
Total (Day + Eve.):	239	497	736	189	485	674	122	438	560	550	1420	1970
B.A. (Hons.) Music												
Daulat Ram College (W)	—	3	3	—	3	3	—	4	4	—	10	10
Hindu College	5	3	8	1	4	5	7	3	10	13	10	23
Indraprastha College for Women	—	7	7	—	5	5	—	3	3	—	15	15
Miranda House (W)	—	7	7	—	10	10	—	2	2	—	19	19
Ramjas College	7	5	12	10	2	12	11	—	11	28	7	35
Total :	12	25	37	11	24	35	18	12	30	41	61	102

B.Com. (Pass)

College	III Year			Total		
	M	F	T	M	F	T
A.R.S.D. College	28	35	63	28	35	63
Bharati College (W)	—	175	175	—	175	175
Bhim Rao Ambedkar College	96	82	178	96	82	178
Daulat Ram College (W)	—	45	45	—	45	45
Delhi College of Arts & Commerce	70	18	88	70	18	88
Dyal Singh College	81	35	116	81	35	116
Gargi College (W)	—	94	94	—	94	94
Janki Devi Memorial College (W)	—	60	60	—	60	60
Jesus & Mary College (W)	—	56	56	—	56	56
Kalindi College (W)	—	39	39	—	39	39
Kamala Nehru College (W)	—	75	75	—	75	75
Kirori Mal College	37	15	52	37	15	52
Lakshmibai College (W)	—	71	71	—	71	71
Maitreyi College (W)	—	100	100	—	100	100
Mata Sundri College (W)	—	188	188	—	188	188
Moti Lal Nehru College	53	76	129	53	76	129
PGDAV College	128	11	139	128	11	139
Ram Lal Anand College	38	15	53	38	15	53
Ramjas College	29	4	33	29	4	33
SGTB Khalsa College	41	16	57	41	16	57
Satyawati College	76	20	96	76	20	96

College	III Year			Total		
	M	F	T	M	F	T
Shaheed Bhagat Singh College	72	18	90	72	18	90
Shivaji College	61	1	62	61	1	62
Shyam Lal College	80	25	105	80	25	105
Shyama Prasad Mukherji College (W)	—	125	125	—	125	125
Sri Aurobindo College	131	26	157	131	26	157
Sri G. G. S. College of Commerce	143	83	226	143	83	226
Sri Venkateswara College	35	16	51	35	16	51
Swami Shraddhanand College	246	36	282	246	36	282
Vivekananda College (W)	—	104	104	—	104	104
Zakir Husain College	41	9	50	41	9	50
Bhagini Nivedita College (W)	—	37	37	—	37	37
Sri Guru Nanak Dev Khalsa College	185	43	228	185	43	228
Total (Day):	1671	1753	3424	1671	1753	3424
Deshbandhu College (Eve.)	146	44	190	146	44	190
Dyal Singh College (Eve.)	83	39	122	83	39	122
Moti Lal Nehru College (Eve.)	32	12	44	32	12	44
PGDAV College (Eve.)	74	11	85	74	11	85
Ram Lal Anand College (Eve.)	85	12	97	85	12	97
Satyawati College (Eve.)	74	16	90	74	16	90
Shaheed Bhagat Singh College (Eve.)	144	70	214	144	70	214

College	III Year			Total		
	M	F	T	M	F	T
Shyam Lal College (Eve.)	106	17	123	106	17	123
Sri Aurobindo College (Eve.)	113	25	138	113	25	138
Zakir Husain P.G. College (Eve.)	88	5	93	88	5	93
Total (Eve.):	945	251	1196	945	251	1196
Total (Day + Eve.):	2616	2004	4620	2616	2004	4620
External Candidates' Cell	2477	1303	3780	2477	1303	3780
Non-Collegiate Womens' Edn. Board	—	1864	1864	—	1864	1864
School of Open Learning	9738	7218	16956	9738	7218	16956
Total (Non-formal):	12215	10385	22600	12215	10385	22600
Grand Total :	14831	12389	27220	14831	12389	27220

B.Com. (Hons.)

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	75	30	105	46	33	79	61	37	98	182	100	282
Acharya Narendra Dev College	23	21	44	29	18	47	21	27	48	73	66	139
Bharati College (W)	—	76	76	—	68	68	—	81	81	—	225	225
Bhim Rao Ambedkar College	28	51	79	34	31	65	24	38	62	86	120	206
College of Vocational Studies	37	15	52	25	24	49	25	16	41	87	55	142
Daulat Ram College (W)	—	74	74	—	108	108	—	71	71	—	253	253
Deen Dayal Upadhyaya College	51	21	72	49	46	95	43	36	79	143	103	246
Delhi College of Arts & Commerce	38	16	54	52	14	66	36	30	66	126	60	186
Deshbandhu College	35	13	48	35	4	39	27	9	36	97	26	123
Dyal Singh College	79	52	131	65	39	104	62	55	117	206	146	352
Gargi College (W)	—	115	115	—	77	77	—	61	61	—	253	253
Hans Raj College	90	65	155	88	71	159	103	51	154	281	187	468
Hindu College	31	35	66	24	20	44	17	24	41	72	79	151
Indraprastha College for Women	—	95	95	—	105	105	—	70	70	—	270	270
Janki Devi Memorial College (W)	—	85	85	—	72	72	—	79	79	—	236	236
Jesus & Mary College (W)	—	103	103	—	98	98	—	103	103	—	304	304
Kalindi College (W)	—	32	32	—	29	29	—	24	24	—	85	85
Kamala Nehru College (W)	—	51	51	—	34	34	—	34	34	—	119	119
Kirori Mal College	55	37	92	40	34	74	32	11	43	127	82	209
Lady Shri Ram College (W)	—	74	74	—	36	36	—	43	43	—	153	153
Lakshmibai College (W)	—	77	77	—	57	57	—	61	61	—	195	195

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Maitreyi College (W)	—	107	107	—	41	41	—	—	—	—	148	148
Mata Sundri College (W)	—	140	140	—	109	109	—	91	91	—	340	340
Moti Lal Nehru College	57	56	113	41	63	104	37	54	91	135	173	308
PGDAV College	71	38	109	54	50	104	92	24	116	217	112	329
Rajdhani College	98	62	160	51	24	75	61	13	74	210	99	309
Ram Lal Anand College	45	24	69	26	17	43	25	16	41	96	57	153
Ramjas College	42	19	61	43	13	56	44	11	55	129	43	172
SGTB Khalsa College	91	37	128	102	51	153	62	43	105	255	131	386
Satyawati College	40	42	82	74	27	101	90	8	98	204	77	281
Shaheed Bhagat Singh College	174	34	208	163	50	213	117	39	156	454	123	577
Sherbutse College (Bhutan)	—	—	—	—	—	—	80	50	130	80	50	130
Shivaji College	63	4	67	66	5	71	49	1	50	178	10	188
Shyam Lal College	65	59	124	73	43	116	53	35	88	191	137	328
Shyama Prasad Mukherji College (W)	—	70	70	—	34	34	—	30	30	—	134	134
Sri Aurobindo College	33	15	48	44	13	57	25	7	32	102	35	137
Sri G. G. S. College of Commerce	120	85	205	118	72	190	93	81	174	331	238	569
Shri Ram College of Commerce	172	206	378	155	177	332	177	190	367	504	573	1077
Sri Venkateswara College	33	36	69	42	55	97	39	30	69	114	121	235
Swami Shraddhanand College	32	8	40	31	1	32	26	8	34	89	17	106
Vivekananda College (W)	—	29	29	—	36	36	—	25	25	—	90	90
Zakir Husain College	79	14	93	67	10	77	61	14	75	207	38	245
Keshav Mahavidyalaya	55	52	107	22	33	55	33	24	57	110	109	219

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Aditi Mahavidyalaya (W)	—	42	42	—	33	33	—	34	34	—	109	109
Maharaja Agrasen College	45	51	96	53	31	84	48	32	80	146	114	260
Sri Guru Nanak Dev Khalsa College	66	44	110	55	38	93	61	26	87	182	108	290
Total (Day):	1923	2412	4335	1767	2044	3811	1724	1847	3571	5414	6303	11717
Deshbandhu College (Eve.)	62	21	83	53	22	75	74	15	89	189	58	247
Dyal Singh College (Eve.)	39	20	59	39	20	59	32	11	43	110	51	161
Moti Lal Nehru College (Eve.)	88	26	114	33	6	39	29	8	37	150	40	190
PGDAV College (Eve.)	30	19	49	33	6	39	30	—	30	93	25	118
Ram Lal Anand College (Eve.)	37	4	41	28	3	31	29	2	31	94	9	103
Satyawati College (Eve.)	56	13	69	61	16	77	27	4	31	144	33	177
Shaheed Bhagat Singh College (Eve.)	19	20	39	15	25	40	15	25	40	49	70	119
Shyam Lal College (Eve.)	34	7	41	23	6	29	27	1	28	84	14	98
Sri Aurobindo College (Eve.)	45	6	51	20	5	25	24	8	32	89	19	108
Zakir Husain P.G. College (Eve.)	39	4	43	34	—	34	32	—	32	105	4	109
Total (Eve.):	449	140	589	339	109	448	319	74	393	1107	323	1430
Total (Day + Eve.):	2372	2552	4924	2106	2153	4259	2043	1921	3964	6521	6626	13147
School of Open Learning	3309	1707	5016	443	303	746	495	300	795	4247	2310	6557
Total (Non-formal):	3309	1707	5016	443	303	746	495	300	795	4247	2310	6557
Grand Total :	5681	4259	9940	2549	2456	5005	2538	2221	4759	10768	8936	19704

B.Com.

College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
A.R.S.D. College	36	46	82	37	27	64	73	73	146
Bharati College (W)	—	100	100	—	86	86	—	186	186
Bhim Rao Ambedkar College	73	108	181	59	51	110	132	159	291
Daulat Ram College (W)	—	46	46	—	54	54	—	100	100
Delhi College of Arts & Commerce	79	20	99	65	14	79	144	34	178
Dyal Singh College	80	60	140	92	37	129	172	97	269
Gargi College (W)	—	123	123	—	109	109	—	232	232
Janki Devi Memorial College (W)	—	48	48	—	53	53	—	101	101
Jesus & Mary College (W)	—	52	52	—	48	48	—	100	100
Kalindi College (W)	—	55	55	—	35	35	—	90	90
Kamala Nehru College (W)	—	97	97	—	80	80	—	177	177
Kirori Mal College	45	15	60	40	14	54	85	29	114
Lakshmibai College (W)	—	72	72	—	110	110	—	182	182
Maitreyi College (W)	—	102	102	—	56	56	—	158	158
Mata Sundri College (W)	—	208	208	—	160	160	—	368	368
Moti Lal Nehru College	86	32	118	60	59	119	146	91	237
PGDAV College	129	43	172	105	92	197	234	135	369
Ramjas College	38	16	54	44	13	57	82	29	111
SGTB Khalsa College	57	21	78	50	18	68	107	39	146
Satyawati College	76	33	109	64	27	91	140	60	200
Shaheed Bhagat Singh College	97	13	110	63	21	84	160	34	194
Shivaji College	75	2	77	61	4	65	136	6	142

College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
Shyam Lal College	58	31	89	73	26	99	131	57	188
Shyama Prasad Mukherji College (W)	—	121	121	—	119	119	—	240	240
Sri Aurobindo College	128	46	174	140	32	172	268	78	346
Sri G. G. S. College of Commerce	126	108	234	109	70	179	235	178	413
Sri Venkateswara College	40	19	59	39	24	63	79	43	122
Swami Shraddhanand College	175	22	197	134	23	157	309	45	354
Vivekananda College (W)	—	98	98	—	83	83	—	181	181
Zakir Husain College	41	8	49	40	13	53	81	21	102
Bhagini Nivedita College (W)	—	59	59	—	42	42	—	101	101
Aditi Mahavidyalaya (W)	—	46	46	—	—	—	—	46	46
Sri Guru Nanak Dev Khalsa College	156	73	229	160	55	215	316	128	444
Total (Day):	1595	1943	3538	1435	1655	3090	3030	3598	6628
Deshbandhu College (Eve.)	127	58	185	139	39	178	266	97	363
Dyal Singh College (Eve.)	82	34	116	84	40	124	166	74	240
Moti Lal Nehru College (Eve.)	93	21	114	31	12	43	124	33	157
PGDAV College (Eve.)	80	40	120	79	22	101	159	62	221
Ram Lal Anand College (Eve.)	93	10	103	80	7	87	173	17	190
Satyawati College (Eve.)	83	19	102	83	16	99	166	35	201
Shaheed Bhagat Singh College (Eve.)	170	63	233	100	40	140	270	103	373

College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
Shyam Lal College (Eve.)	115	18	133	84	19	103	199	37	236
Sri Aurobindo College (Eve.)	151	32	183	100	23	123	251	55	306
Zakir Husain P.G. College (Eve.)	98	11	109	92	3	95	190	14	204
Total (Eve.):	1092	306	1398	872	221	1093	1964	527	2491
Total (Day + Eve.):	2687	2249	4936	2307	1876	4183	4994	4125	9119
External Candidate's Cell	5884	1583	7467	1387	684	2071	7271	2267	9538
Non-Collegiate Women's Edn. Board	—	2033	2033	—	1613	1613	—	3646	3646
School of Open Learning	20370	10696	31066	7322	5747	13069	27692	16443	44135
Total (Non-formal):	26254	14312	40566	8709	8044	16753	34963	22356	57319
Grand Total :	28941	16561	45502	11016	9920	20936	39957	26481	66438

Bachelor of Business Studies

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Shaheed Sukhdev College of Business Studies	69	50	119	41	58	99	52	44	96	162	152	314
Deen Dayal Upadhyaya College	24	8	32	—	—	—	—	—	—	24	8	32
Keshav Mahavidyalaya	19	11	30	—	—	—	—	—	—	19	11	30
Total :	112	69	181	41	58	99	52	44	96	205	171	376

Bachelor of Financial and Investment Analysis

Shaheed Sukhdev College of Business Studies	23	17	40	22	12	34	16	24	40	61	53	114
Total :	23	17	40	22	12	34	16	24	40	61	53	114

Bachelor of Mass Media & Mass Communication

Indraprastha College for Women	—	37	37	—	34	34	—	32	32	—	103	103
Total :	—	37	37	—	34	34	—	32	32	—	103	103

B.Sc. Physical Sciences

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	46	28	74	26	19	45	22	11	33	94	58	152
Acharya Narendra Dev College	38	6	44	15	13	28	22	23	45	75	42	117
Deen Dayal Upadhyaya College	24	25	49	11	20	31	5	21	26	40	66	106
Deshbandhu College	47	12	59	22	16	38	17	9	26	86	37	123
Dyal Singh College	54	37	91	43	53	96	18	27	45	115	117	232
Gargi College (W)	—	27	27	—	28	28	—	18	18	—	73	73
Hans Raj College	10	3	13	5	1	6	10	4	14	25	8	33
Hindu College	26	22	48	10	6	16	12	3	15	48	31	79
Kirori Mal College	23	7	30	21	7	28	17	11	28	61	25	86
Maitreyi College (W)	—	16	16	—	11	11	—	15	15	—	42	42
Moti Lal Nehru College	28	13	41	8	23	31	11	10	21	47	46	93
Rajdhani College	12	15	27	7	10	17	2	4	6	21	29	50
Ramjas College	54	23	77	32	14	46	14	17	31	100	54	154
SGTB Khalsa College	9	6	15	14	7	21	7	5	12	30	18	48
Sherbutse College (Bhutan)	25	11	36	28	2	30	—	—	—	53	13	66
Shivaji College	14	3	17	9	5	14	10	2	12	33	10	43
Shyam Lal College	59	51	110	19	46	65	27	32	59	105	129	234
Sri Aurobindo College	23	11	34	24	11	35	12	4	16	59	26	85
St. Stephen's College	13	8	21	6	4	10	4	5	9	23	17	40
Swami Shraddhanand College	29	13	42	31	6	37	16	7	23	76	26	102
Zakir Husain College	24	12	36	22	4	26	5	5	10	51	21	72
Total :	558	349	907	353	306	659	231	233	464	1142	888	2030

B.Sc. Life Sciences

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Acharya Narendra Dev College	6	12	18	6	14	20	8	6	14	20	32	52
Daulat Ram College (W)	—	32	32	—	24	24	—	26	26	—	82	82
Deen Dayal Upadhyaya College	16	45	61	9	33	42	10	16	26	35	94	129
Deshbandhu College	28	21	49	8	4	12	6	13	19	42	38	80
Dyal Singh College	17	45	62	13	25	38	10	17	27	40	87	127
Gargi College (W)	—	49	49	—	47	47	—	33	33	—	129	129
Hans Raj College	20	23	43	21	16	37	16	16	32	57	55	112
Kalindi College (W)	—	17	17	—	10	10	—	18	18	—	45	45
Kirori Mal College	17	14	31	4	4	8	5	3	8	26	21	47
Maitreyi College (W)	—	33	33	—	17	17	—	24	24	—	74	74
Miranda House (W)	—	21	21	—	21	21	—	15	15	—	57	57
Ramjas College	29	30	59	21	13	34	4	6	10	54	49	103
SGTB Khalsa College	19	16	35	11	15	26	9	17	26	39	48	87
Sherbutse College (Bhutan)	24	13	37	26	9	35	—	—	—	50	22	72
Shivaji College	30	29	59	17	23	40	14	17	31	61	69	130
Sri Aurobindo College	8	15	23	17	7	24	11	14	25	36	36	72
Sri Venkateswara College	28	40	68	14	31	45	5	16	21	47	87	134
Swami Shraddhanand College	30	32	62	19	10	29	20	16	36	69	58	127
Zakir Husain College	23	30	53	10	10	20	9	8	17	42	48	90
Total :	295	517	812	196	333	529	127	281	408	618	1131	1749

B.Sc. Applied Physical Sciences

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	62	29	91	29	17	46	13	16	29	104	62	166
Acharya Narendra Dev College	15	6	21	5	11	16	6	4	10	26	21	47
Deen Dayal Upadhyaya College	25	21	46	11	20	31	11	8	19	47	49	96
Deshbandhu College	59	16	75	41	7	48	20	6	26	120	29	149
Dyal Singh College	24	22	46	21	17	38	10	9	19	55	48	103
Hans Raj College	18	5	23	11	16	27	10	9	19	39	30	69
Hindu College	19	7	26	12	11	23	6	4	10	37	22	59
Kalindi College (W)	—	22	22	—	11	11	—	16	16	—	49	49
Kirori Mal College	34	24	58	14	12	26	9	4	13	57	40	97
Miranda House (W)	—	21	21	—	15	15	—	15	15	—	51	51
Moti Lal Nehru College	16	9	25	5	12	17	3	7	10	24	28	52
Rajdhani College	39	31	70	35	28	63	7	16	23	81	75	156
Ramjas College	18	8	26	10	11	21	13	12	25	41	31	72
SGTB Khalsa College	14	8	22	12	9	21	3	3	6	29	20	49
Shivaji College	26	5	31	13	1	14	21	7	28	60	13	73
Shyam Lal College	10	7	17	6	7	13	6	5	11	22	19	41
St. Stephen's College	18	7	25	6	4	10	8	6	14	32	17	49
Bhagini Nivedita College (W)	—	20	20	—	—	—	—	—	—	—	20	20
Keshav Mahavidyalaya	10	7	17	4	8	12	5	9	14	19	24	43
Maharaja Agrasen College	15	14	29	17	12	29	10	8	18	42	34	76
Total :	422	289	711	252	229	481	161	164	325	835	682	1517

B.Sc Applied Life Sciences

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Acharya Narendra Dev College	15	10	25	4	11	15	—	5	5	19	26	45
Kalindi College (W)	—	12	12	—	10	10	—	13	13	—	35	35
Maitreyi College (W)	—	16	16	—	11	11	—	—	—	—	27	27
Ramjas College	17	21	38	7	11	18	5	10	15	29	42	71
Swami Shraddhanand College	13	14	27	8	8	16	11	2	13	32	24	56
Total :	45	73	118	19	51	70	16	30	46	80	154	234

585

B.Sc. (Genl.) Mathematics

PGDAV College	19	13	32	11	9	20	14	6	20	44	28	72
Keshav Mahavidyalaya	12	16	28	5	16	21	14	25	39	31	57	88
Maharaja Agrasen College	14	17	31	18	6	24	15	11	26	47	34	81
Total :	45	46	91	34	31	65	43	42	85	122	119	241

B.Sc. (Home Science)

Institute of Home Economics (W)	—	139	139	—	117	117	—	121	121	—	377	377
Lady Irwin College (W)	—	147	147	—	140	140	—	133	133	—	420	420
Total :	—	286	286	—	257	257	—	254	254	—	797	797

Becheloar of Elementary Education

College	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Gargi College (W)	—	25	25	—	22	22	—	21	21	—	21	21	—	—	—	—	89	89
Institute of Home Economics (W)	—	35	35	—	32	32	—	32	32	—	29	29	—	—	—	—	128	128
Jesus & Mary College (W)	—	36	36	—	30	30	—	29	29	—	36	36	—	—	—	—	131	131
Lady Shri Ram College (W)	—	22	22	—	19	19	—	20	20	—	—	—	—	—	—	—	61	61
Mata Sundri College (W)	—	35	35	—	—	—	—	—	—	—	—	—	—	—	—	—	35	35
Miranda House (W)	—	34	34	—	34	34	—	—	—	—	—	—	—	—	—	—	68	68
Shyama Prasad Mukherji College (W)	—	36	36	—	27	27	—	39	39	—	29	29	—	—	—	—	131	131
Aditi Mahavidyalaya (W)	—	34	34	—	28	28	—	29	29	—	30	30	—	—	—	—	121	121
Total :	—	257	257	—	192	192	—	170	170	—	145	145	—	—	—	—	764	764

B.Sc. (Hons.)

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	131	71	202	60	40	100	63	41	104	254	152	406
Acharya Narendra Dev College	133	81	214	105	75	180	82	48	130	320	204	524
Shaheed Raj Guru College of App. Scs.	—	45	45	—	47	47	—	54	54	—	146	146
Shaheed Sukhdev College of Business St.	14	14	28	10	9	19	18	14	32	42	37	79
College of Vocational Studies	27	19	46	22	11	33	15	8	23	64	38	102
Daulat Ram College (W)	—	93	93	—	89	89	—	73	73	—	255	255
Deen Dayal Upadhyaya College	75	58	133	46	50	96	49	42	91	170	150	320
Deshbandhu College	123	68	191	57	46	103	52	40	92	232	154	386
Dyal Singh College	83	81	164	56	60	116	45	65	110	184	206	390
Gargi College (W)	—	124	124	—	100	100	—	103	103	—	327	327
Hans Raj College	162	161	323	118	159	277	126	113	239	406	433	839
Hindu College	111	107	218	70	76	146	72	69	141	253	252	505
Indraprastha College for Women	—	36	36	—	30	30	—	26	26	—	92	92
Institute of Home Economics (W)	—	72	72	—	74	74	—	74	74	—	220	220
Kalindi College (W)	—	75	75	—	71	71	—	65	65	—	211	211
Kirori Mal College	156	81	237	69	62	131	76	51	127	301	194	495
Lady Irwin College (W)	—	80	80	—	65	65	—	81	81	—	226	226
Lady Shri Ram College (W)	—	33	33	—	15	15	—	29	29	—	77	77
Maitreyi College (W)	—	82	82	—	54	54	—	70	70	—	206	206
Miranda House (W)	—	143	143	—	126	126	—	111	111	—	380	380
Moti Lal Nehru College	63	30	93	32	26	58	36	32	68	131	88	219
PGDAV College	37	18	55	26	30	56	31	12	43	94	60	154

College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
R.A.K. College of Nursing (W)	—	45	45	—	45	45	—	45	45	—	45	45	—	180	180
Rajdhani College	75	49	124	34	51	85	39	24	63	—	—	—	148	124	272
Ram Lal Anand College	57	49	106	56	60	116	49	44	93	—	—	—	162	153	315
Ramjas College	174	85	259	98	46	144	59	71	130	—	—	—	331	202	533
S.G.T.B. Khalsa College	105	100	205	55	86	141	45	59	104	—	—	—	205	245	450
Sherbutse College (Bhutan)	—	—	—	—	—	—	20	8	28	—	—	—	20	8	28
Shivaji College	130	64	194	65	61	126	54	41	95	—	—	—	249	166	415
Shyama Prasad Mukherji College (W)	—	27	27	—	31	31	—	27	27	—	—	—	—	85	85
Sri Aurobindo College	24	12	36	5	4	9	7	3	10	—	—	—	36	19	55
S.G. G. S. College of Commerce	19	23	42	21	22	43	23	17	40	—	—	—	63	62	125
Sri Venkateswara College	124	155	279	56	131	187	56	127	183	—	—	—	236	413	649
St. Stephen's College	47	65	112	38	44	82	39	44	83	—	—	—	124	153	277
Swami Shraddhanand College	54	28	82	21	11	32	27	26	53	—	—	—	102	65	167
Zakir Husain College	69	72	141	53	34	87	45	38	83	—	—	—	167	144	311
Keshav Mahavidyalaya	44	73	117	24	33	57	29	41	70	—	—	—	97	147	244
Maharaja Agrasen College	9	9	18	15	6	21	12	6	18	—	—	—	36	21	57
Bhaskaracharya Col. of Appl. Scs.	68	76	144	40	41	81	38	25	63	—	—	—	146	142	288
Ahilya Bai College of Nursing	—	25	25	—	26	26	—	25	25	—	23	23	—	99	99
Total (Day):	2114	2529	4643	1252	2047	3299	1207	1892	3099	—	68	68	4573	6536	11109

B.Sc. (Hons.) Course-wise

Course	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Mathematics	288	263	551	175	232	407	137	236	373	—	—	—	600	731	1331
Statistics	83	110	193	70	113	183	73	111	184	—	—	—	226	334	560
Computer Science	225	352	577	180	310	490	225	279	504	—	—	—	630	941	1571
Anthropology	5	5	10	10	12	22	4	9	13	—	—	—	19	26	45
Applied Zoology	5	13	18	4	11	15	3	14	17	—	—	—	12	38	50
Botany	170	299	469	107	196	303	91	199	290	—	—	—	368	694	1062
Chemistry	325	357	682	154	254	408	152	252	404	—	—	—	631	863	1494
Geology	25	6	31	23	14	37	17	7	24	—	—	—	65	27	92
Home Science	—	118	118	—	123	123	—	131	131	—	—	—	—	372	372
Nursing	—	70	70	—	71	71	—	70	70	—	68	68	—	279	279
Physics	542	344	886	249	236	485	250	186	436	—	—	—	1041	766	1807
Zoology	163	277	440	101	225	326	89	178	267	—	—	—	353	680	1033
Polymer Science	23	13	36	18	8	26	18	7	25	—	—	—	59	28	87
Bio-Chemistry	20	75	95	10	55	65	9	41	50	—	—	—	39	171	210
Electronics	191	80	271	110	76	186	102	56	158	—	—	—	403	212	615
Microbiology	17	82	99	13	56	69	10	65	75	—	—	—	40	203	243
Bio-Medical Sciences	25	50	75	28	40	68	24	36	60	—	—	—	77	126	203
Biological Science	7	15	22	—	15	15	3	15	18	—	—	—	10	45	55
Total :	2114	2529	4643	1252	2047	3299	1207	1892	3099	—	68	68	4573	6536	11109

B.Sc. (Hons.) Mathematics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	25	9	34	11	8	19	17	11	28	53	28	81
Acharya Narendra Dev College	9	11	20	13	16	29	6	8	14	28	35	63
Daulat Ram College (W)	—	13	13	—	9	9	—	—	—	—	22	22
Deen Dayal Upadhyaya College	21	22	43	14	14	28	10	16	26	45	52	97
Deshbandhu College	19	5	24	16	5	21	8	7	15	43	17	60
Dyal Singh College	28	23	51	20	16	36	13	18	31	61	57	118
Hans Raj College	8	9	17	4	14	18	6	9	15	18	32	50
Hindu College	19	15	34	4	11	15	7	10	17	30	36	66
Kalindi College (W)	—	11	11	—	16	16	—	17	17	—	44	44
Kirori Mal College	13	9	22	9	7	16	10	10	20	32	26	58
Maitreyi College (W)	—	20	20	—	17	17	—	16	16	—	53	53
Miranda House (W)	—	23	23	—	24	24	—	23	23	—	70	70
Moti Lal Nehru College	12	4	16	4	9	13	7	9	16	23	22	45
Rajdhani College	9	13	22	5	13	18	10	8	18	24	34	58
Ramjas College	18	9	27	15	9	24	8	15	23	41	33	74
SGTB Khalsa College	12	13	25	6	9	15	3	18	21	21	40	61
Shivaji College	49	10	59	28	8	36	18	10	28	95	28	123
Sri Venkateswara College	15	13	28	8	13	21	2	16	18	25	42	67
St. Stephen's College	9	13	22	7	10	17	5	6	11	21	29	50
Zakir Husain College	14	4	18	11	4	15	7	9	16	32	17	49
Keshav Mahavidyalaya	8	14	22	—	—	—	—	—	—	8	14	22
Total (Day):	288	263	551	175	232	407	137	236	373	600	731	1331

B.Sc. (Hons.) Statistics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Hindu College	9	12	21	14	14	28	12	15	27	35	41	76
Kirori Mal College	15	15	30	7	18	25	11	15	26	33	48	81
Lady Shri Ram College (W)	—	33	33	—	15	15	—	29	29	—	77	77
P.G.D.A.V College	14	8	22	13	17	30	14	5	19	41	30	71
Ram Lal Anand College	10	16	26	21	12	33	15	9	24	46	37	83
Ramjas College	23	8	31	7	13	20	13	19	32	43	40	83
Sri Venkateswara College	12	18	30	8	24	32	8	19	27	28	61	89
Total:	83	110	193	70	113	183	73	111	184	226	334	560

B.Sc. (Hons.) Computer Science

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	19	25	44	14	12	26	16	10	26	49	47	96
Acharya Narendra Dev College	32	8	40	20	15	35	15	5	20	67	28	95
S. R. G. College of Applied Sciences	—	28	28	—	29	29	—	36	36	—	93	93
S. S. College of Business Studies	14	14	28	10	9	19	18	14	32	42	37	79
College of Vocational Studies	27	19	46	22	11	33	15	8	23	64	38	102
Deen Dayal Upadhyaya College	15	15	30	13	18	31	17	15	32	45	48	93
Hans Raj College	15	27	42	14	19	33	27	21	48	56	67	123
Indraprastha College for Women	—	36	36	—	30	30	—	26	26	—	92	92
Kalindi College (W)	—	49	49	—	34	34	—	28	28	—	111	111
PGDAV College	23	10	33	13	13	26	17	7	24	53	30	83
Ram Lal Anand College	34	19	53	23	22	45	29	19	48	86	60	146
Sherbutse College (Bhutan)	—	—	—	—	—	—	20	8	28	20	8	28
Shyama Prasad Mukherji College (W)	—	27	27	—	31	31	—	27	27	—	85	85
S.G.G. S. College of Commerce	19	23	42	21	22	43	23	17	40	63	62	125
Keshav Mahavidyalaya	16	36	52	17	25	42	18	31	49	51	92	143
Bhaskaracharya College of Applied Scs.	11	16	27	13	20	33	10	7	17	34	43	77
Total :	225	352	577	180	310	490	225	279	504	630	941	1571

B.Sc. (Hons.) Anthropology

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Hans Raj College	5	5	10	10	12	22	4	9	13	19	26	45
Total :	5	5	10	10	12	22	4	9	13	19	26	45

B.Sc. (Hons.) Applied Zoology

Dyal Singh College	5	13	18	4	11	15	3	14	17	12	38	50
Total :	5	13	18	4	11	15	3	14	17	12	38	50

B.Sc. (Hons.) Botany

Acharya Narendra Dev College	10	15	25	8	5	13	12	8	20	30	28	58
Daulat Ram College (W)	—	25	25	—	25	25	—	19	19	—	69	69
Deshbandhu College	15	22	37	10	7	17	9	11	20	34	40	74
Dyal Singh College	9	14	23	2	14	16	6	16	22	17	44	61
Gargi College (W)	—	23	23	—	27	27	—	35	35	—	85	85
Hans Raj College	22	39	61	18	21	39	11	16	27	51	76	127
Hindu College	10	16	26	11	6	17	10	12	22	31	34	65
Kirori Mal College	20	13	33	10	9	19	7	4	11	37	26	63
Maitreyi College (W)	—	20	20	—	6	6	—	12	12	—	38	38
Miranda House (W)	—	17	17	—	15	15	—	13	13	—	45	45
Ramjas College	21	18	39	17	7	24	5	5	10	43	30	73

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
SGTB Khalsa College	14	23	37	8	18	26	7	13	20	29	54	83
Shivaji College	13	13	26	4	14	18	10	8	18	27	35	62
Sri Venkateswara College	7	15	22	2	9	11	2	11	13	11	35	46
Swami Shraddhanand College	21	8	29	6	2	8	9	10	19	36	20	56
Zakir Husain College	8	18	26	11	11	22	3	6	9	22	35	57
Total:	170	299	469	107	196	303	91	199	290	368	694	1062

B.Sc.(Hons.) Chemistry

S-94

A.R.S.D. College	30	21	51	9	13	22	14	12	26	53	46	99
Acharya Narendra Dev College	14	12	26	5	6	11	—	7	7	19	25	44
Daulat Ram College (W)	—	11	11	—	13	13	—	12	12	—	36	36
Deshbandhu College	22	8	30	5	4	9	8	1	9	35	13	48
Dyal Singh College	11	16	27	12	10	22	7	11	18	30	37	67
Gargi College (W)	—	31	31	—	16	16	—	17	17	—	64	64
Hans Raj College	25	20	45	14	25	39	15	14	29	54	59	113
Hindu College	23	27	50	13	15	28	12	16	28	48	58	106
Kirori Mal College	43	23	66	18	14	32	20	7	27	81	44	125
Maitreyi College (W)	—	14	14	—	8	8	—	13	13	—	35	35
Miranda House (W)	—	27	27	—	29	29	—	33	33	—	89	89
Moti Lal Nehru College	10	11	21	9	10	19	7	9	16	26	30	56
Rajdhani College	18	16	34	8	26	34	9	15	24	35	57	92

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Ramjas College	39	23	62	19	6	25	12	20	32	70	49	119
SGTB Khalsa College	13	11	24	5	13	18	8	7	15	26	31	57
Shivaji College	18	7	25	8	8	16	7	4	11	33	19	52
Sri Venkateswara College	24	30	54	6	10	16	7	18	25	37	58	95
St. Stephen's College	13	26	39	10	21	31	9	23	32	32	70	102
Zakir Husain College	22	23	45	13	7	20	17	13	30	52	43	95
Total:	325	357	682	154	254	408	152	252	404	631	863	1494

56-5

B.Sc. (Hons.) Geology

Hans Raj College	18	6	24	17	7	24	17	7	24	52	20	72
Ram Lal Anand College	7	—	7	6	7	13	—	—	—	13	7	20
Total:	25	6	31	23	14	37	17	7	24	65	27	92

B.Sc. (Hons.) Home Science

Institute of Home Economics (W)	—	38	38	—	58	58	—	50	50	—	146	146
Lady Irwin College (W)	—	80	80	—	65	65	—	81	81	—	226	226
Total:	—	118	118	—	123	123	—	131	131	—	372	372

B.Sc. (Hons.) Nursing

College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
R.A.K. College of Nursing (W)	—	45	45	—	45	45	—	45	45	—	45	45	—	180	180
Ahilya Bai Col. of Nursing	—	25	25	—	26	26	—	25	25	—	23	23	—	99	99
Total:	—	70	70	—	71	71	—	70	70	—	68	68	—	279	279

B.Sc. (Hons.) Physics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	35	14	49	14	5	19	10	4	14	59	23	82
Acharya Narendra Dev College	23	5	28	20	9	29	9	3	12	52	17	69
Deen Dayal Upadhyaya College	23	12	35	10	10	20	15	6	21	48	28	76
Deshbandhu College	38	8	46	10	2	12	14	3	17	62	13	75
Dyal Singh College	30	15	45	18	9	27	16	6	22	64	30	94
Gargi College (W)	—	22	22	—	13	13	—	16	16	—	51	51
Hans Raj College	34	18	52	22	24	46	22	13	35	78	55	133
Hindu College	38	25	63	16	14	30	24	9	33	78	48	126
Kalindi College (W)	—	15	15	—	21	21	—	20	20	—	56	56
Kirori Mal College	51	10	61	18	10	28	21	11	32	90	31	121
Maitreyi College (W)	—	15	15	—	15	15	—	14	14	—	44	44
Miranda House (W)	—	48	48	—	37	37	—	26	26	—	111	111

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Moti Lal Nehru College	41	15	56	19	7	26	22	14	36	82	36	118
Rajdhani College	28	11	39	12	5	17	9	1	10	49	17	66
Ramjas College	51	10	61	25	6	31	13	6	19	89	22	111
SGTB Khalsa College	29	23	52	18	15	33	15	4	19	62	42	104
Shivaji College	34	4	38	13	7	20	14	4	18	61	15	76
Sri Venkateswara College	20	14	34	10	11	21	15	9	24	45	34	79
St. Stephen's College	25	26	51	21	13	34	25	15	40	71	54	125
Swami Shraddhanand College	13	8	21	3	3	6	6	2	8	22	13	35
Keshav Mahavidyalaya	9	14	23	—	—	—	—	—	—	9	14	23
Bhaskaracharya College of Applied Scs.	20	12	32	—	—	—	—	—	—	20	12	32
Total :	542	344	886	249	236	485	250	186	436	1041	766	1807

B.Sc. (Hons.) Zoology

Acharya Narendra Dev College	12	9	21	7	8	15	11	7	18	30	24	54
Daulat Ram College (W)	—	26	26	—	24	24	—	26	26	—	76	76
Deshbandhu College	21	15	36	12	16	28	11	12	23	44	43	87
Gargi College (W)	—	25	25	—	25	25	—	17	17	—	67	67
Hans Raj College	20	30	50	9	25	34	17	14	31	46	69	115
Hindu College	12	12	24	12	16	28	7	7	14	31	35	66
Kirori Mal College	14	11	25	7	4	11	7	4	11	28	19	47
Maitreyi College (W)	—	13	13	—	8	8	—	15	15	—	36	36

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Miranda House (W)	—	28	28	—	21	21	—	16	16	—	65	65
Ramjas College	22	17	39	15	5	20	8	6	14	45	28	73
SGTB Khalsa College	20	22	42	11	20	31	5	12	17	36	54	90
Shivaji College	7	14	21	9	12	21	3	11	14	19	37	56
Sri Venkateswara College	10	27	37	8	25	33	5	16	21	23	68	91
Swami Shraddhanand College	12	6	18	5	4	9	7	7	14	24	17	41
Zakir Husain College	13	22	35	6	12	18	8	8	16	27	42	69
Total :	163	277	440	101	225	326	89	178	267	353	680	1033

B.Sc. (Hons.) Polymer Science

B. College of Applied Sciences	23	13	36	18	8	26	18	7	25	59	28	87
Total :	23	13	36	18	8	26	18	7	25	59	28	87

B.Sc. (Hons.) Bio-Chemistry

Daulat Ram College (W)	—	18	18	—	18	18	—	16	16	—	52	52
Deshbandhu College	8	10	18	4	12	16	2	6	8	14	28	42
Institute of Home Economics (W)	—	13	13	—	—	—	—	—	—	—	13	13
Shivaji College	9	16	25	3	12	15	2	4	6	14	32	46
Sri Venkateswara College	3	18	21	3	13	16	5	15	20	11	46	57
Total :	20	75	95	10	55	65	9	41	50	39	171	210

B.Sc. (Hons.) Electronics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
A.R.S.D. College	22	2	24	12	2	14	6	4	10	40	8	48
Acharya Narendra Dev College	19	5	24	13	7	20	15	3	18	47	15	62
Deen Dayal Upadhyaya College	16	9	25	9	8	17	7	5	12	32	22	54
Hans Raj College	15	7	22	10	12	22	7	10	17	32	29	61
Rajdhani College	20	9	29	9	7	16	11	—	11	40	16	56
SGTB Khalsa College	17	8	25	7	11	18	7	5	12	31	24	55
Sri Aurobindo College	24	12	36	5	4	9	7	3	10	36	19	55
Sri Venkateswara College	26	5	31	11	11	22	9	8	17	46	24	70
Zakir Husain College	12	5	17	12	—	12	10	2	12	34	7	41
Keshav Mahavidyalaya	11	9	20	7	8	15	11	10	21	29	27	56
Maharaja Agrasen College	9	9	18	15	6	21	12	6	18	36	21	57
Total :	191	80	271	110	76	186	102	56	158	403	212	615

B.Sc. (Hons.) Microbiology

Gargi College (W)	—	23	23	—	19	19	—	18	18	—	60	60
Institute of Home Economics (W)	—	21	21	—	16	16	—	24	24	—	61	61
Ram Lal Anand College	6	14	20	6	19	25	5	16	21	17	49	66
Swami Shraddhanand College	8	6	14	7	2	9	5	7	12	20	15	35
Bhaskaracharya College of Applied Sciences	3	18	21	—	—	—	—	—	—	3	18	21
Total :	17	82	99	13	56	69	10	65	75	40	203	243

B.Sc. (Hons.) Bio-Medical Sciences

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Acharya Narendra Dev College	14	16	30	19	9	28	14	7	21	47	32	79
S. R. G. College of Applied Sciences	—	17	17	—	18	18	—	18	18	—	53	53
Bhaskaracharya College of Applied Scs.	11	17	28	9	13	22	10	11	21	30	41	71
Total:	25	50	75	28	40	68	24	36	60	77	126	203

B.Sc. (Hons.) Biological Science

Sri Venkateswara College	7	15	22	—	15	15	3	15	18	10	45	55
Total:	7	15	22	—	15	15	3	15	18	10	45	55

B.Sc. (Hons.) Occupational Therapy

College	V Year			Total		
	M	F	T	M	F	T
Pt. Deen Dayal Instt. for Physiotherapy	8	15	23	8	15	23
Total :	8	15	23	8	15	23

B.Sc. (Hons.) Physiotherapy

Amar Jyoti Instt. of Physiotherapy	4	17	21	4	17	21
Pt. Deen Dayal Instt. for Physiotherapy	11	17	28	11	17	28
Total :	15	34	49	15	34	49

Bachelor of Prosthetics & Orthotics

College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Pt. D. D. Instt. for Phy.	6	14	20	9	11	20	5	14	19	9	11	20	29	50	79
Total :	6	14	20	9	11	20	5	14	19	9	11	20	29	50	79

Bachelor of Occupational Therapy

Pt. D. D. Instt. for Phy.	4	31	35	11	22	33	9	21	30	11	15	26	35	89	124
Total :	4	31	35	11	22	33	9	21	30	11	15	26	35	89	124

Bachelor of Physio-therapy

A. J. Instt. of Phy.	5	25	30	7	15	22	9	14	23	9	16	25	30	70	100
Pt. D. D. Instt. for Phy.	11	23	34	12	23	35	10	21	31	21	20	41	54	87	141
Total :	16	48	64	19	38	57	19	35	54	30	36	66	84	157	241

Bachelor of Applied Sc. (Hons.) - Electronics

College	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Shaheed Raj Guru College of Applied Scs.	—	22	22	—	20	20	—	21	21	—	63	63
Bhaskaracharya College of Applied Scs.	9	22	31	6	7	13	16	8	24	31	37	68
Total :	9	44	53	6	27	33	16	29	45	31	100	131

Bachelor of Applied Sc. (Hons.) - Food Technology

Shaheed Raj Guru College of Applied Scs.	—	28	28	—	20	20	—	24	24	—	72	72
Bhaskaracharya College of Applied Scs.	10	5	15	3	18	21	15	33	48	28	56	84
Total :	10	33	43	3	38	41	15	57	72	28	128	156

Bachelor of Applied Sc. (Hons.) - Instrumentation

Shaheed Raj Guru College of Applied Scs.	—	20	20	—	29	29	—	22	22	—	71	71
Bhaskaracharya College of Applied Scs.	16	16	32	6	18	24	11	22	33	33	56	89
Total :	16	36	52	6	47	53	11	44	55	33	127	160

B.Pharma

College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Delhi Instt. of Pharma.Sc.& Res.	24	43	67	21	37	58	42	26	68	45	25	70	132	131	263
Total :	24	43	67	21	37	58	42	26	68	45	25	70	132	131	263

B.Sc. (Medical Tech.) - Radiography

UCMS & GTB Hospital	4	6	10	—	—	—	—	—	—	—	—	—	4	6	10
Total :	4	6	10	—	—	—	—	—	—	—	—	—	4	6	10

Bachelor of Fine Art

College of Art	64	73	137	46	55	101	47	55	102	43	60	103	200	243	443
Total :	64	73	137	46	55	101	47	55	102	43	60	103	200	243	443

Bachelor of Ayurvedic and Unani Medicine (BAUM)

College	I Year			II Year			III Year			IV Year			V Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
A & U Tibbia College	15	27	42	13	26	39	12	27	39	9	25	34	17	23	40	66	128	194
Total:	15	27	42	13	26	39	12	27	39	9	25	34	17	23	40	66	128	194

Bachelor of Unani Medicine & Surgery (BUMS)

A & U Tibbia College	13	27	40	15	24	39	16	23	39	17	22	39	29	25	54	90	121	211
Total :	13	27	40	15	24	39	16	23	39	17	22	39	29	25	54	90	121	211

Bachelor of Homoeopathic System of Medicine and Surgery (BHMS)

N.H. Med. Col. & Hospt.	16	83	99	19	68	87	6	33	39	9	32	41	8	35	43	58	251	309
Total :	16	83	99	19	68	87	6	33	39	9	32	41	8	35	43	58	251	309

Bachelor of Medicine and Bachelor of Surgery (MBBS)

L.H.M. College (W)	—	130	130	—	134	134	—	138	138	—	134	134	—	130	130	—	666	666
M. A. M. College	112	68	180	152	25	177	127	53	180	108	12	120	117	51	168	616	209	825
U.C.M.S. & G.T.B. Hosp.	88	12	100	124	6	130	95	6	101	85	24	109	100	11	111	492	59	551
Total :	200	210	410	276	165	441	222	197	419	193	170	363	217	192	409	1108	934	2042

College	I Year			II Year			III Year			IV Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Bachelor of Dental Surgery (BDS)															
M.A.M.C.	19	16	35	14	24	38	12	8	20	7	9	16	52	57	109
Total :	19	16	35	14	24	38	12	8	20	7	9	16	52	57	109
Bachelor of Engineering (Combined) (B.E.)															
D.C. E.	565	101	666	579	91	670	500	25	525	495	53	548	2139	270	2409
N.S. Intstt. of Tech.	406	98	504	425	77	502	381	60	441	385	58	443	1597	293	1890
Total :	971	199	1170	1004	168	1172	881	85	966	880	111	991	3736	563	4299
Bachelor of Technology (Combined) Part-time															
D.C.E.	114	1	115	118	1	119	116	4	120	105	2	107	453	8	461
Total :	114	1	115	118	1	119	116	4	120	105	2	107	453	8	461

Bachelor of Library and Information Science (B.Lib.I.Sc.)

Department	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Library & Information Science	30	32	62	—	—	—	—	—	—	30	32	62
Total :	30	32	62	—	—	—	—	—	—	30	32	62

Master of Library & Information Science (M.Lib.I.Sc.)

Library & Information Science	8	21	29	—	—	—	—	—	—	8	21	29
Total :	8	21	29	—	—	—	—	—	—	8	21	29

Master of Arts (M.A.)

College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
A.R.S.D. College	28	18	46	14	23	37	42	41	83
Bharati College (W)	—	1	1	—	—	—	—	1	1
Daulat Ram College (W)	—	104	104	—	107	107	—	211	211
Deshbandhu College	2	3	5	3	7	10	5	10	15
Gargi College (W)	—	6	6	—	21	21	—	27	27
Hans Raj College	37	55	92	49	44	93	86	99	185
Hindu College	78	74	152	52	62	114	130	136	266
Indraprastha College for Women	—	98	98	—	104	104	—	202	202

College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
Janki Devi Memorial College (W)	—	21	21	—	18	18	—	39	39
Jesus & Mary College (W)	—	21	21	—	13	13	—	34	34
Kalindi College (W)	—	1	1	—	—	—	—	1	1
Kamala Nehru College (W)	—	20	20	—	12	12	—	32	32
Kirori Mal College	66	57	123	36	52	88	102	109	211
Lady Shri Ram College (W)	—	69	69	—	51	51	—	120	120
Lakshmibai College (W)	—	16	16	—	6	6	—	22	22
Maitreyi College (W)	—	12	12	—	10	10	—	22	22
Mata Sundri College (W)	—	9	9	—	16	16	—	25	25
Miranda House (W)	—	113	113	—	80	80	—	193	193
Moti Lal Nehru College	13	4	17	4	14	18	17	18	35
PGDAV College	6	3	9	4	5	9	10	8	18
Rajdhani College	6	4	10	6	5	11	12	9	21
Ram Lal Anand College	—	4	4	2	6	8	2	10	12
Ramjas College	45	61	106	59	39	98	104	100	204
SGTB Khalsa College	9	12	21	12	19	31	21	31	52
Shivaji College	3	5	8	6	—	6	9	5	14
Shyam Lal College	3	1	4	5	4	9	8	5	13
Shyama Prasad Mukherji College (W)	—	17	17	—	10	10	—	27	27
Sri Venkateswara College	22	37	59	9	44	53	31	81	112
St. Stephen's College	21	36	57	7	21	28	28	57	85
Swami Shraddhanand College	6	2	8	—	4	4	6	6	12

College	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
Vivekananda College (W)	—	16	16	—	12	12	—	28	28
Zakir Husain College	92	16	108	43	7	50	135	23	158
Sri Guru Nanak Dev Khalsa College	2	6	8	—	2	2	2	8	10
Total (Day):	439	922	1361	311	818	1129	750	1740	2490
Zakir Husain P.G. College (Eve.)	1	2	3	1	—	1	2	2	4
Total (Eve.):	1	2	3	1	—	1	2	2	4
Total (Day + Eve.) :	440	924	1364	312	818	1130	752	1742	2494
Buddhist Studies	50	18	68	48	25	73	98	43	141
Linguistics	16	22	38	8	19	27	24	41	65
Germanic & Romance Studies	13	45	58	3	28	31	16	73	89
MIL & Literary Studies	18	2	20	—	—	—	18	2	20
Persian	2	—	2	2	1	3	4	1	5
Philosophy (SDC)	2	—	2	—	—	—	2	—	2
Psychology (SDC)	1	20	21	2	17	19	3	37	40
Urdu	16	10	26	10	6	16	26	16	42
Business Economics	34	26	60	25	24	49	59	50	109
Slavonic & Finno-Ugrian Studies	4	3	7	—	—	—	4	3	7
East Asian Studies	1	3	4	1	2	3	2	5	7
Economics	62	66	128	45	67	112	107	133	240
Geography	26	24	50	22	28	50	48	52	100

	I Year			II Year			Total		
	M	F	T	M	F	T	M	F	T
History (SDC)	14	17	31	4	8	12	18	25	43
Social Work	37	21	58	14	43	57	51	64	115
Sociology	5	50	55	7	37	44	12	87	99
School of Environmental Studies	7	8	15	5	7	12	12	15	27
Total:	308	335	643	196	312	508	504	647	1151
Grand Total:	748	1259	2007	508	1130	1638	1256	2389	3645
External Candidate's Cell	14	37	51	16	51	67	30	88	118
Non-Collegiate Women's Edn. Board	—	270	270	—	201	201	—	471	471
School of Open Learning	162	437	599	107	436	543	269	873	1142
Total (Non-formal):	176	744	920	123	688	811	299	1432	1731
Grand Total:	924	2003	2927	631	1818	2449	1555	3821	5376

Master of Arts (M.A.) Course-wise

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Applied Psychology	1	20	21	2	17	19	3	37	40
Arabic	28	2	30	17	—	17	45	2	47
Bengali	15	6	21	3	3	6	18	9	27
Buddhist Studies	50	18	68	48	25	73	98	43	141
English	37	167	204	24	165	189	61	332	393
French	2	13	15	1	14	15	3	27	30
German	4	11	15	1	9	10	5	20	25
Hindi	81	158	239	70	169	239	151	327	478
Linguistics	16	22	38	8	19	27	24	41	65
Persian	2	—	2	2	1	3	4	1	5
Philosophy	21	54	75	4	13	17	25	67	92
Psychology	10	62	72	6	59	65	16	121	137
Punjabi	2	16	18	5	20	25	7	36	43
Sanskrit	48	65	113	49	89	138	97	154	251
Hispanic	4	13	17	1	5	6	5	18	23
Tamil	1	—	1	—	—	—	1	—	1
Urdu	23	12	35	13	6	19	36	18	54
Comparative Indian Literature	2	1	3	—	—	—	2	1	3
Italian	3	8	11	—	—	—	3	8	11
Economics	62	66	128	45	67	112	107	133	240
Geography	26	24	50	22	28	50	48	52	100
History	105	126	231	55	68	123	160	194	354

S-110

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Political Science	87	156	243	64	142	206	151	298	449
Social Work	37	21	58	14	43	57	51	64	115
Sociology	5	50	55	7	37	44	12	87	99
Japanese	1	3	4	1	2	3	2	5	7
Mathematics	20	98	118	8	66	74	28	164	192
Operational Research	—	1	1	—	2	2	—	3	3
Environmental Studies	7	8	15	5	7	12	12	15	27
Music	10	29	39	8	30	38	18	59	77
Business Economics	34	26	60	25	24	49	59	50	109
Russian	4	3	7	—	—	—	4	3	7
Total:	748	1259	2007	508	1130	1638	1256	2389	3645

M.A. (Applied Psychology)

Psychology (SDC)	1	20	21	2	17	19	3	37	40
Total :	1	20	21	2	17	19	3	37	40

M.A. (Arabic)

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Zakir Husain College	28	2	30	17	—	17	45	2	47
Total :	28	2	30	17	—	17	45	2	47

M.A. (Bengali)

Miranda House (W)	—	5	5	—	3	3	—	8	8
Ramjas College	—	—	—	3	—	3	3	—	3
Total :	—	5	5	3	3	6	3	8	11

Department

MIL & Literary Studies	15	1	16	—	—	—	15	1	16
Total :	15	1	16	—	—	—	15	1	16

M.A. (Buddhist Studies)

Buddhist Studies	50	18	68	48	25	73	98	43	141
Total :	50	18	68	48	25	73	98	43	141

M.A. (English)

		Previous Year			Final Year			Total		
		M	F	T	M	F	T	M	F	T
S-113	A.R.S.D. College	5	2	7	—	—	—	5	2	7
	Daulat Ram College (W)	—	11	11	—	14	14	—	25	25
	Deshbandhu College	—	3	3	—	1	1	—	4	4
	Gargi College (W)	—	5	5	—	6	6	—	11	11
	Hans Raj College	3	18	21	4	13	17	7	31	38
	Hindu College	7	11	18	4	14	18	11	25	36
	Indraprastha College for Women	—	13	13	—	13	13	—	26	26
	Janki Devi Memorial College (W)	—	4	4	—	10	10	—	14	14
	Jesus & Mary College (W)	—	17	17	—	10	10	—	27	27
	Kamala Nehru College (W)	—	1	1	—	3	3	—	4	4
	Kirori Mal College	7	12	19	5	10	15	12	22	34
	Lady Shri Ram College (W)	—	16	16	—	18	18	—	34	34
	Miranda House (W)	—	21	21	—	16	16	—	37	37
	Rajdhani College	—	1	1	—	4	4	—	5	5
	Ramjas College	2	5	7	3	6	9	5	11	16
	SGTB Khalsa College	1	2	3	1	3	4	2	5	7
	Sri Venkateswara College	7	9	16	3	12	15	10	21	31
	St. Stephen's College	2	14	16	3	10	13	5	24	29
	Zakir Husain College	3	2	5	1	2	3	4	4	8
Total:		37	167	204	24	165	189	61	332	393
Non-Collegiate Women's Edn. Board		—	61	61	—	39	39	—	100	100
Total (Non-formal):		—	61	61	—	39	39	—	100	100
Grand Total :		37	228	265	24	204	228	61	432	493

Department of Germanic & Romance Studies

Course	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
M.A. (French)	2	13	15	1	14	15	3	27	30
M.A. (German)	4	11	15	1	9	10	5	20	25
Total :	6	24	30	2	23	25	8	47	55

M.A. Hindi

Colleges

S-114

A.R.S.D. College	9	10	19	3	16	19	12	26	38
Bharati College (W)	—	1	1	—	—	—	—	1	1
Daulat Ram College (W)	—	21	21	—	19	19	—	40	40
Deshbandhu College	1	—	1	—	5	5	1	5	6
Hans Raj College	10	10	20	10	8	18	20	18	38
Hindu College	17	11	28	18	10	28	35	21	56
Indraprastha College for Women	—	5	5	—	17	17	—	22	22
Janki Devi Memorial College (W)	—	1	1	—	1	1	—	2	2
Jesus & Mary College (W)	—	4	4	—	3	3	—	7	7
Kalindi College (W)	—	1	1	—	—	—	—	1	1
Kamala Nehru College (W)	—	3	3	—	3	3	—	6	6
Kirori Mal College	13	12	25	6	10	16	19	22	41
Lady Sri Ram College (W)	—	9	9	—	6	6	—	15	15
Mata Sundri College (W)	—	1	1	—	2	2	—	3	3
Miranda House (W)	—	21	21	—	16	16	—	37	37
Moti Lal Nehru College	2	3	5	3	12	15	5	15	20
PGDAV College	—	1	1	1	4	5	1	5	6
Rajdhani College	4	2	6	5	1	6	9	3	12

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Ram Lal Anand College	—	4	4	2	6	8	2	10	12
Ramjas College	5	14	19	9	5	14	14	19	33
SGTB Khalsa College	2	3	5	—	8	8	2	11	13
Shivaji College	1	2	3	3	—	3	4	2	6
Shyam Lal College	3	1	4	5	4	9	8	5	13
Shyama Prasad Mukherji College (W)	—	4	4	—	6	6	—	10	10
Swami Shraddhanand College	6	2	8	—	4	4	6	6	12
Vivekananda College (W)	—	10	10	—	1	1	—	11	11
Zakir Husain College	7	—	7	4	2	6	11	2	13
Total :	80	156	236	69	169	238	149	325	474
Zakir Husain P.G. College (Eve.)	1	2	3	1	—	1	2	2	4
Total (Eve.):	1	2	3	1	—	1	2	2	4
Total (Day + Eve.):	81	158	239	70	169	239	151	327	478
External Candidate's Cell	10	29	39	14	35	49	24	64	88
Non-Collegiate Women's Edn. Board	—	40	40	—	57	57	—	97	97
School of Open Learning	48	230	278	39	200	239	87	430	517
Total (Non-formal):	58	299	357	53	292	345	111	591	702
Grand Total :	139	457	596	123	461	584	262	918	1180

M.A. (Linguistics)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Linguistics	16	22	38	8	19	27	24	41	65

M.A. (Persian)

Persian	2	—	2	2	1	3	4	1	5
---------	---	---	---	---	---	---	---	---	---

M.A. (Philosophy)

S-116

College

Hindu College	10	8	18	3	2	5	13	10	23
Indraprastha College for Women	—	9	9	—	—	—	—	9	9
Janki Devi Memorial College (W)	—	3	3	—	—	—	—	3	3
Kamala Nehru College (W)	—	5	5	—	—	—	—	5	5
Lady Shri Ram College (W)	—	4	4	—	2	2	—	6	6
Lakshmibai College (W)	—	6	6	—	1	1	—	7	7
Miranda House (W)	—	14	14	—	6	6	—	20	20
St. Stephen's College	—	5	5	1	2	3	1	7	8
Zakir Husain College	9	—	9	—	—	—	9	—	9
Total (Day):	19	54	73	4	13	17	23	67	90
Total (Day + Eve.):	19	54	73	4	13	17	23	67	90

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Department of Philosophy (SDC)	2	—	2	—	—	—	2	—	2
Total (Deptt.) (Day):	2	—	2	—	—	—	2	—	2
Total (Regular):	21	54	75	4	13	17	25	67	92
External Candidate's Cell	—	2	2	—	—	—	—	2	2
Non-Collegiate Women's Edn. Board	—	—	—	—	1	1	—	1	1
Total (Non-formal):	—	2	2	—	1	1	—	3	3
Grand Total :	21	56	77	4	14	18	25	70	95

M.A. (Psychology)

Daulat Ram College (W)	—	26	26	—	26	26	—	52	52
Indraprastha College for Women	—	33	33	—	33	33	—	66	66
Zakir Husain College	10	3	13	6	—	6	16	3	19
Total :	10	62	72	6	59	65	16	121	137

M.A. (Punjabi)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Mata Sundri College (W)	—	7	7	—	11	11	—	18	18
SGTB Khalsa College	—	3	3	5	7	12	5	10	15
Sri Guru Nanak Dev Khalsa College	2	6	8	—	2	2	2	8	10
Total :	2	16	18	5	20	25	7	36	43
Non-Collegiate Women's Edn. Board	—	44	44	—	29	29	—	73	73
Total (Non-formal):	—	44	44	—	29	29	—	73	73
Grand Total :	2	60	62	5	49	54	7	109	116

S-118

M.A. (Sanskrit)

Daulat Ram College (W)	—	5	5	—	7	7	—	12	12
Deshbandhu College	—	—	—	1	—	1	1	—	1
Hans Raj College	12	5	17	15	9	24	27	14	41
Hindu College	15	7	22	11	10	21	26	17	43
Indraprastha College for Women	—	6	6	—	6	6	—	12	12
Janki Devi Memorial College (W)	—	—	—	—	1	1	—	1	1
Kamala Nehru College (W)	—	1	1	—	1	1	—	2	2
Kirori Mal College	6	3	9	2	—	2	8	3	11
Lady Shri Ram College (W)	—	3	3	—	1	1	—	4	4
Lakshmibai College (W)	—	5	5	—	4	4	—	9	9

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Mata Sundri College (W)	—	—	—	—	1	1	—	1	1
Miranda House (W)	—	7	7	—	9	9	—	16	16
Ramjas College	3	2	5	8	9	17	11	11	22
Shivaji College	1	—	1	1	—	1	2	—	2
Shyama Prasad Mukherji College (W)	—	5	5	—	—	—	—	5	5
Sri Venkateswara College	2	4	6	2	19	21	4	23	27
St. Stephen's College	4	4	8	1	1	2	5	5	10
Vivekananda College (W)	—	6	6	—	11	11	—	17	17
Zakir Husain College	5	2	7	8	—	8	13	2	15
Total :	48	65	113	49	89	138	97	154	251
External Candidate's Cell	4	6	10	2	16	18	6	22	28
Non-Collegiate Women's Edn. Board	—	8	8	—	14	14	—	22	22
School of Open Learning	12	58	70	13	49	62	25	107	132
Total (Non-formal):	16	72	88	15	79	94	31	151	182
Grand Total :	64	137	201	64	168	232	128	305	433

M.A. (Hispanic)

Department	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Germanic & Romance Studies	4	13	17	1	5	6	5	18	23
Total :	4	13	17	1	5	6	5	18	23

M.A. (Tamil)

MIL & Literary Studies	1	—	1	—	—	—	1	—	1
Total :	1	—	1	—	—	—	1	—	1

M.A. (Urdu)**College**

Kirori Mal College	4	1	5	2	—	2	6	1	7
Zakir Husain College	3	1	4	1	—	1	4	1	5
Total :	7	2	9	3	—	3	10	2	12
Department of Urdu	16	10	26	10	6	16	26	16	42
Grand Total :	23	12	35	13	6	19	36	18	54

M.A. (Italian)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Germanic & Romance Studies	3	8	11	—	—	—	3	8	11
Total :	3	8	11	—	—	—	3	8	11

M.A. (Comparative Indian Literature)

MIL & Literary Studies	2	1	3	—	—	—	2	1	3
Total :	2	1	3	—	—	—	2	1	3

M.A. (Economics)

Deptt. of Economics	62	66	128	45	67	112	107	133	240
Total :	62	66	128	45	67	112	107	133	240

M.A. (Geography)

Geography	26	24	50	22	28	50	48	52	100
Total :	26	24	50	22	28	50	48	52	100

M.A. (History)

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Daulat Ram College (W)	—	8	8	—	9	9	—	17	17
Hans Raj College	10	10	20	19	2	21	29	12	41
Hindu College	16	13	29	7	4	11	23	17	40
Indraprastha College for Women	—	8	8	—	7	7	—	15	15
Janki Devi Memorial College (W)	—	2	2	—	2	2	—	4	4
Kamala Nehru College (W)	—	2	2	—	—	—	—	2	2
Kirori Mal College	13	4	17	3	6	9	16	10	26
Lady Shri Ram College (W)	—	15	15	—	6	6	—	21	21
Miranda House (W)	—	16	16	—	14	14	—	30	30
Rajdhani College	2	1	3	1	—	1	3	1	4
Ramjas College	13	12	25	11	3	14	24	15	39
SGTB Khalsa College	4	1	5	1	—	1	5	1	6
Sri Venkateswara College	10	9	19	1	2	3	11	11	22
St. Stephen's College	13	7	20	2	5	7	15	12	27
Zakir Husain College	10	1	11	6	—	6	16	1	17
Total (Day):	91	109	200	51	60	111	142	169	311
Department of History (SDC)	14	17	31	4	8	12	18	25	43
Total (Regular):	105	126	231	55	68	123	160	194	354

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Non-Collegiate Women's Edn. Board	—	13	13	—	2	2	—	15	15
School of Open Learning	31	63	94	18	34	52	49	97	146
Total (Non-formal):	31	76	107	18	36	54	49	112	161
Grand Total :	136	202	338	73	104	177	209	306	515

M.A. Political Science

S-123

A.R.S.D. College	14	6	20	11	7	18	25	13	38
Daulat Ram College (W)	—	26	26	—	23	23	—	49	49
Deshbandhu College	—	—	—	2	1	3	2	1	3
Gargi College (W)	—	1	1	—	15	15	—	16	16
Hindu College	12	20	32	9	17	26	21	37	58
Indraprastha College for Women	—	14	14	—	18	18	—	32	32
Janki Devi Memorial College (W)	—	2	2	—	2	2	—	4	4
Kamala Nehru College (W)	—	8	8	—	5	5	—	13	13
Kirori Mal College	20	14	34	15	16	31	35	30	65
Lady Shri Ram College (W)	—	17	17	—	13	13	—	30	30
Lakshmibai College (W)	—	5	5	—	1	1	—	6	6
Maitreyi College (W)	—	7	7	—	6	6	—	13	13
Mata Sundri College (W)	—	1	1	—	2	2	—	3	3
Moti Lal Nehru College	11	1	12	1	2	3	12	3	15

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
PGDAV College	3	—	3	3	—	3	6	—	6
Ramjas College	9	18	27	16	8	24	25	26	51
SGTB Khalsa College	2	3	5	5	1	6	7	4	11
Shivaji College	1	3	4	2	—	2	3	3	6
Shyama Prasad Mukherji College (W)	—	8	8	—	4	4	—	12	12
Zakir Husain College	15	2	17	—	1	1	15	3	18
Total (Regular):	87	156	243	64	142	206	151	298	449
Non-Collegiate Women's Edn. Board	—	47	47	—	15	15	—	62	62
School of Open Learning	71	86	157	37	153	190	108	239	347
Total (Non-formal):	71	133	204	37	168	205	108	301	409
Grand Total :	158	289	447	101	310	411	259	599	858
M.A. (Social Work)									
Department of Social Work	37	21	58	14	43	57	51	64	115
Total :	37	21	58	14	43	57	51	64	115

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
M.A. (Sociology)									
Department of Sociology	5	50	55	7	37	44	12	87	99
Total :	5	50	55	7	37	44	12	87	99
M.A. (Japanese)									
Department of East Asian Studies	1	3	4	1	2	3	2	5	7
Total :	1	3	4	1	2	3	2	5	7
M.A. (Mathematics)									
Deshbandhu College	1	—	1	—	—	—	1	—	1
Hans Raj College	2	12	14	1	12	13	3	24	27
Hindu College	1	4	5	—	5	5	1	9	10
Indraprastha College for Women	—	3	3	—	2	2	—	5	5
Janki Devi Memorial College (W)	—	9	9	—	2	2	—	11	11
Kirori Mal College	3	11	14	3	10	13	6	21	27
Lady Shri Ram College (W)	—	5	5	—	5	5	—	10	10
Maitreyi College (W)	—	5	5	—	4	4	—	9	9
Miranda House (W)	—	19	19	—	4	4	—	23	23

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
PGDAV College	3	2	5	—	1	1	3	3	6
Ramjas College	3	4	7	1	5	6	4	9	13
Sri Venkateswara College	3	15	18	3	11	14	6	26	32
St. Stephen's College	2	6	8	—	3	3	2	9	11
Zakir Husain College	2	3	5	—	2	2	2	5	7
Total :	20	98	118	8	66	74	28	164	192
Non-Collegiate Women's Edn. Board	—	57	57	—	44	44	—	101	101
Total (Non-formal):	—	57	57	—	44	44	—	101	101
Grand Total :	20	155	175	8	110	118	28	265	293

M.A. (Operational Research)

Indraprastha College for Women	—	1	1	—	—	—	—	1	1
Ramjas College	—	—	—	—	2	2	—	2	2
Total :	—	1	1	—	2	2	—	3	3

M.A. Environmental Studies

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
School of Environmental Studies	7	8	15	5	7	12	12	15	27
Total :	7	8	15	5	7	12	12	15	27
Grand Total :	7	8	15	5	7	12	12	15	27

M.A. (Music)

Daulat Ram College (W)	—	7	7	—	9	9	—	16	16
Indraprastha College for Women	—	6	6	—	8	8	—	14	14
Miranda House (W)	—	10	10	—	12	12	—	22	22
Ramjas College	10	6	16	8	1	9	18	7	25
Total :	10	29	39	8	30	38	18	59	77
Grand Total :	10	29	39	8	30	38	18	59	77

Master of Business Economics

Department of Business Economics	34	26	60	25	24	49	59	50	109
Total :	34	26	60	25	24	49	59	50	109
Grand Total :	34	26	60	25	24	49	59	50	109

M.A. (Russian)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Deptt . of Slavonic & Finno-Ugrian Studies	4	3	7	—	—	—	4	3	7
Total :	4	3	7	—	—	—	4	3	7

M.Com.

S-128	A.R.S.D. College	5	4	9	3	5	8	8	9	17
	Deshbandhu College	—	3	3	—	1	1	—	4	4
	Hans Raj College	12	11	23	5	13	18	17	24	41
	Hindu College	4	4	8	—	6	6	4	10	14
	Janki Devi Memorial College (W)	—	10	10	—	9	9	—	19	19
	Moti Lal Nehru College	3	7	10	2	16	18	5	23	28
	PGDAV College	—	3	3	1	—	1	1	3	4
	Rajdhani College	5	5	10	1	9	10	6	14	20
	Ramjas College	5	7	12	2	11	13	7	18	25
	SGTB Khalsa College	2	8	10	2	2	4	4	10	14
	Shaheed Bhagat Singh College	1	8	9	2	3	5	3	11	14
	S.G.G.S. College of Commerce	9	1	10	9	1	10	18	2	20
	Shri Ram College of Commerce	6	14	20	5	16	21	11	30	41
	Zakir Husain College	4	5	9	1	5	6	5	10	15
	Sri Guru Nanak Dev Khalsa College	2	5	7	—	5	5	2	10	12
	Total :	58	95	153	33	102	135	91	197	288

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Department of Commerce	11	15	26	6	25	31	17	40	57
Department of Commerce (SDC)	6	20	26	4	16	20	10	36	46
Total :	17	35	52	10	41	51	27	76	103
School of Open Learning	112	162	274	35	171	206	147	333	480
Total (Non-formal):	112	162	274	35	171	206	147	333	480
Grand Total :	187	292	479	78	314	392	265	606	871
Master of Finance Control (M.F.C.)									
Department of Financial Studies	14	15	29	18	9	27	32	24	56
Total :	14	15	29	18	9	27	32	24	56
Master of Human Resource and Organisational Development (MHROD)									
Department of Commerce	15	20	35	23	7	30	38	27	65
Total :	15	20	35	23	7	30	38	27	65

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Master of International Business (MIB)									
Department of Commerce	29	11	40	31	8	39	60	19	79
Total :	29	11	40	31	8	39	60	19	79

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Master of Computer Applications (MCA)												
Department of Computer Science	26	9	35	23	11	34	14	11	25	63	31	94
Total :	26	9	35	23	11	34	14	11	25	63	31	94

M.Sc.

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Acharya Narendra Dev College	1	3	4	—	4	4	1	7	8
Deshbandhu College	1	1	2	—	—	—	1	1	2
Dyal Singh College	—	1	1	3	2	5	3	3	6
Gargi College (W)	—	1	1	—	—	—	—	1	1
Hans Raj College	83	78	161	49	106	155	132	184	316
Hindu College	41	105	146	55	103	158	96	208	304
Institute of Home Economics (W)	—	22	22	—	22	22	—	44	44
Kirori Mal College	76	47	123	26	48	74	102	95	197
Lady Irwin College (W)	—	70	70	—	56	56	—	126	126
Miranda House (W)	—	82	82	—	81	81	—	163	163
PGDAV College	—	1	1	—	1	1	—	2	2
Ramjas College	56	62	118	38	44	82	94	106	200
SGTB Khalsa College	10	26	36	8	23	31	18	49	67
Sri Venkateswara College	9	13	22	5	11	16	14	24	38
St. Stephen's College	19	16	35	8	16	24	27	32	59
Zakir Husain College	14	9	23	6	5	11	20	14	34
Total (Day):	310	537	847	198	522	720	508	1059	1567
Department of Computer Science	13	21	34	9	19	28	22	40	62
Department of Operational Research (SDC)	13	15	28	5	21	26	18	36	54
Agro-Chemicals & Pest Management	9	8	17	7	9	16	16	17	33

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Dr. B.R. Ambedkar Centre for Bio-Medical Res.	6	22	28	8	21	29	14	43	57
School of Environmental Studies	7	7	14	4	7	11	11	14	25
Department of Environmental Biology	1	5	6	4	1	5	5	6	11
Total:	49	78	127	37	78	115	86	156	242
Non-Collegiate Women's Edn. Board	—	25	25	—	15	15	—	40	40
Total (Non-formal):	—	25	25	—	15	15	—	40	40
Grand Total:	359	640	999	235	615	850	594	1255	1849

M.Sc. Course-wise

Course

Mathematics	41	67	108	14	60	74	55	127	182
Statistics	20	37	57	23	35	58	43	72	115
Operational Research	23	37	60	13	43	56	36	80	116
Applied Operational Research	13	15	28	5	21	26	18	36	54
Computer Science	13	21	34	9	19	28	22	40	62
Agro-Chemicals & Pest Management	9	8	17	7	9	16	16	17	33
Anthropology	6	21	27	8	33	41	14	54	68
Botany	15	31	46	13	32	45	28	63	91
Chemistry	85	105	190	50	100	150	135	205	340

Course	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Geology	15	5	20	11	4	15	26	9	35
Physics	90	98	188	54	93	147	144	191	335
Zoology	15	44	59	12	44	56	27	88	115
Home Science	—	92	92	—	78	78	—	170	170
Bio-Medical Research	6	22	28	8	21	29	14	43	57
Environmental Biology	1	5	6	4	1	5	5	6	11
Environmental Studies	7	7	14	4	7	11	11	14	25
Total:	359	615	974	235	600	835	594	1215	1809

M.Sc.(Mathematics)

College

Acharya Narendra Dev College	—	3	3	—	4	4	—	7	7
Deshbandhu College	1	1	2	—	—	—	1	1	2
Dyal Singh College	—	1	1	3	2	5	3	3	6
Hans Raj College	8	12	20	1	11	12	9	23	32
Hindu College	3	8	11	2	10	12	5	18	23
Kirori Mal College	5	10	15	2	3	5	7	13	20
Miranda House (W)	—	4	4	—	12	12	—	16	16
PGDAV College	—	1	1	—	1	1	—	2	2

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Ramjas College	9	9	18	2	8	10	11	17	28
SGTB Khalsa College	2	10	12	2	4	6	4	14	18
St. Stephen's College	1	4	5	2	2	4	3	6	9
Zakir Husain College	12	4	16	—	3	3	12	7	19
Total :	41	67	108	14	60	74	55	127	182
Non-Collegiate Women's Edn. Board	—	25	25	—	15	15	—	40	40
Total (Non-formal):	—	25	25	—	15	15	—	40	40
Grand Total :	41	92	133	14	75	89	55	167	222

M.Sc. Statistics

Hindu College	8	17	25	11	16	27	19	33	52
Ramjas College	6	14	20	9	9	18	15	23	38
Sri Venkateswara College	6	6	12	3	10	13	9	16	25
Total :	20	37	57	23	35	58	43	72	115
Grand Total :	20	37	57	23	35	58	43	72	115

M.Sc. (Operational Research)

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Hans Raj College	7	12	19	5	19	24	12	31	43
Hindu College	3	12	15	3	11	14	6	23	29
Kirori Mal College	9	7	16	2	7	9	11	14	25
Ramjas College	1	3	4	2	4	6	3	7	10
St. Stephen's College	3	3	6	1	2	3	4	5	9
Total :	23	37	60	13	43	56	36	80	116

S-135

M.Sc. (Applied Operational Research)

Department of Operational Research (SDC)	13	15	28	5	21	26	18	36	54
Total :	13	15	28	5	21	26	18	36	54

M.Sc. (Computer Science)

Department of Computer Science	13	21	34	9	19	28	22	40	62
Total :	13	21	34	9	19	28	22	40	62

M.Sc. (Agro-Chemicals & Pest Management)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Department of Agro-Chem. & Pest Mgt.	9	8	17	7	9	16	16	17	33
Total :	9	8	17	7	9	16	16	17	33

M.Sc. (Anthropology)

Hans Raj College	6	13	19	8	16	24	14	29	43
Miranda House (W)	—	8	8	—	17	17	—	25	25
Total :	6	21	27	8	33	41	14	54	68

M.Sc. (Botany)

Hans Raj College	2	1	3	4	7	11	6	8	14
Hindu College	4	10	14	6	9	15	10	19	29
Kirori Mal College	3	2	5	1	8	9	4	10	14
Miranda House (W)	—	13	13	—	3	3	—	16	16
Ramjas College	4	2	6	1	—	1	5	2	7
SGTB Khalsa College	2	2	4	1	5	6	3	7	10
Sri Venkateswara College	—	1	1	—	—	—	—	1	1
Total :	15	31	46	13	32	45	28	63	91

M.Sc. (Chemistry)

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Acharya Narendra Dev College	1	—	1	—	—	—	1	—	1
Gargi College (W)	—	1	1	—	—	—	—	1	1
Hans Raj College	18	13	31	8	16	24	26	29	55
Hindu College	7	22	29	11	23	34	18	45	63
Kirori Mal College	24	8	32	7	19	26	31	27	58
Miranda House (W)	—	18	18	—	17	17	—	35	35
Ramjas College	18	21	39	16	8	24	34	29	63
SGTB Khalsa College	3	7	10	2	8	10	5	15	20
Sri Venkateswara College	2	5	7	—	—	—	2	5	7
St. Stephen's College	10	5	15	2	8	10	12	13	25
Zakir Husain College	2	5	7	4	1	5	6	6	12
Total :	85	105	190	50	100	150	135	205	340

M.Sc. (Geology)

Hans Raj College	15	5	20	11	4	15	26	9	35
Total :	15	5	20	11	4	15	26	9	35

M.Sc. (Physics)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Hans Raj College	20	13	33	8	18	26	28	31	59
Hindu College	14	24	38	21	26	47	35	50	85
Kirori Mal College	30	16	46	12	6	18	42	22	64
Miranda House (W)	—	25	25	—	22	22	—	47	47
Ramjas College	18	12	30	7	14	21	25	26	51
SGTB Khalsa College	3	4	7	1	3	4	4	7	11
Sri Venkateswara College	—	—	—	2	—	2	2	—	2
St. Stephen's College	5	4	9	3	4	7	8	8	16
Total :	90	98	188	54	93	147	144	191	335

M.Sc. (Zoology)

Hans Raj College	7	9	16	4	15	19	11	24	35
Hindu College	2	12	14	1	8	9	3	20	23
Kirori Mal College	5	4	9	2	5	7	7	9	16
Miranda House (W)	—	14	14	—	10	10	—	24	24
Ramjas College	—	1	1	1	1	2	1	2	3
SGTB Khalsa College	—	3	3	2	3	5	2	6	8
Sri Venkateswara College	1	1	2	—	1	1	1	2	3
Zakir Husain College	—	—	—	2	1	3	2	1	3
Total :	15	44	59	12	44	56	27	88	115

M.Sc. (Home Science)

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Institute of Home Economics (W)	—	22	22	—	22	22	—	44	44
Lady Irwin College (W)	—	70	70	—	56	56	—	126	126
Total :	—	92	92	—	78	78	—	170	170

M.Sc. (Bio-Medical Research)

Dr. B.R. Ambedkar Centre for Bio-Medical Res.	6	22	28	8	21	29	14	43	57
Total :	6	22	28	8	21	29	14	43	57

M.Sc. Environmental Biology

Environmental Biology	1	5	6	4	1	5	5	6	11
Total :	1	5	6	4	1	5	5	6	11

M.Sc. Environmental Studies

School of Environmental Studies	7	7	14	4	7	11	11	14	25
Total :	7	7	14	4	7	11	11	14	25

M. Pharma

College	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Delhi Instt. of Pharma. Sc. & Res.	20	17	37	15	8	23	35	25	60
Total :	20	17	37	15	8	23	35	25	60

M. Nursing

RAK College of Nursing (W)	1	15	16	2	14	16	3	29	32
Total :	1	15	16	2	14	16	3	29	32

Master of Fine Art (M.F.A.)

College of Art	18	12	30	10	11	21	28	23	51
Total :	18	12	30	10	11	21	28	23	51

M.Sc. (Applied Sc.) Course-wise

Course	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Bio-Chemistry	1	8	9	—	6	6	1	14	15
Electronics	11	12	23	8	8	16	19	20	39
Genetics	2	7	9	1	4	5	3	11	14
Microbiology	—	9	9	—	6	6	—	15	15
Plant Molecular Biolgy & Bio-Technology	1	8	9	2	4	6	3	12	15
Informatics	16	17	33	17	16	33	33	33	66
Total:	31	61	92	28	44	72	59	105	164

S-141

M.Sc. (Bio-Chemistry)

Department of Bio-Chemistry (SDC)	1	8	9	—	6	6	1	14	15
Total :	1	8	9	—	6	6	1	14	15

M.Sc. (Electronic)

Department of Electronic Science	11	12	23	8	8	16	19	20	39
Total :	11	12	23	8	8	16	19	20	39

M.Sc. (Genetics)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Department of Genetics (SDC)	2	7	9	1	4	5	3	11	14
Total :	2	7	9	1	4	5	3	11	14

M.Sc. (Micro-biology)

Department of Micro-biology (SDC)	—	9	9	—	6	6	—	15	15
Total :	—	9	9	—	6	6	—	15	15

M.Sc. (Plant Molecular Bio. & Bio-Tech.)

Department of Plant Molecular Biology	1	8	9	2	4	6	3	12	15
Total :	1	8	9	2	4	6	3	12	15

M.Sc. (Informatics)

Institute of Informatics & Communication	16	17	33	17	16	33	33	33	66
Total :	16	17	33	17	16	33	33	33	66

M.Tech. (Microwave Electronic)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Department of Electronic Science	15	2	17	10	1	11	25	3	28
Total :	15	2	17	10	1	11	25	3	28

B.Ed.

Lady Irwin College (W)	—	66	66	—	—	—	—	66	66
M. V. College of Education	34	78	112	—	—	—	34	78	112
Total :	34	144	178	—	—	—	34	144	178

Department of Education	69	156	225	—	—	—	69	156	225
Total :	69	156	225	—	—	—	69	156	225

M.Ed. (Full-time)

Department of Education	4	24	28	—	—	—	4	24	28
Total :	4	24	28	—	—	—	4	24	28

M.Ed. (Part-time)

	Previous Year			Final Year			Total		
	M	F	T	M	F	T	M	F	T
Department of Education	8	18	26	3	23	26	11	41	52
Total :	8	18	26	3	23	26	11	41	52

B.Ed. (Special Education)

Lady Irwin College (W)	—	20	20	—	—	—	—	20	20
Durga Bai Deshmukh College	17	3	20	—	—	—	17	3	20
Total :	17	23	40	—	—	—	17	23	40

Bachelor of Law (LL.B.)

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Campus Law Centre	335	170	505	217	171	388	244	109	353	796	450	1246
Total :	335	170	505	217	171	388	244	109	353	796	450	1246
Law Centre - I	477	132	609	354	93	447	327	75	402	1158	300	1458
Law Centre - II	344	64	408	199	60	259	189	32	221	732	156	888
Total :	821	196	1017	553	153	706	516	107	623	1890	456	2346
Grand Total :	1156	366	1522	770	324	1094	760	216	976	2686	906	3592

Master of Law (LL.M. Two year)

Faculty of Law	22	8	30	22	6	28	—	—	—	44	14	58
Total :	22	8	30	22	6	28	—	—	—	44	14	58

Master of Comparative Laws (M.C.L. Two year)

Faculty of Law	5	3	8	9	1	10	—	—	—	14	4	18
Total :	5	3	8	9	1	10	—	—	—	14	4	18

Master of Laws (LL.M. Three year)

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Faculty of Law	31	4	35	22	7	29	22	2	24	75	13	88
Total :	31	4	35	22	7	29	22	2	24	75	13	88

Master of Business Administration (M.B.A. Full-time Two-year)

Faculty of Management Studies	61	32	93	52	47	99	—	—	—	113	79	192
Total :	61	32	93	52	47	99	—	—	—	113	79	192

Master of Business Administration in Management Service (Full-time)

Faculty of Management Studies	31	11	42	32	10	42	—	—	—	63	21	84
Total :	31	11	42	32	10	42	—	—	—	63	21	84

Master of Business Administration (M.B.A. Part-time Three-year)

Faculty of Management Studies	134	6	140	114	6	120	89	7	96	337	19	356
Total :	134	6	140	114	6	120	89	7	96	337	19	356

Master of Business Administration in Health Care Administration (Three year)

Faculty of Management Studies	13	7	20	12	3	15	8	4	12	33	14	47
Total :	13	7	20	12	3	15	8	4	12	33	14	47

Master of Technology (Combined)

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Netaji Subhas Instt. of Technology	20	7	27	23	5	28	—	—	—	43	12	55
Total :	20	7	27	23	5	28	—	—	—	43	12	55

Master of Engineering (Combined Full-time)

Delhi College of Engineering	109	16	125	88	16	104	—	—	—	197	32	229
Total :	109	16	125	88	16	104	—	—	—	197	32	229

Master of Engineering (Combined Part-time)

Delhi College of Engineering	21	3	24	28	5	33	21	8	29	70	16	86
Total :	21	3	24	28	5	33	21	8	29	70	16	86

M.Sc. (Applied Physics Part-time)

Delhi College of Engineering	1	—	1	1	—	1	1	2	3	3	2	5
Total :	1	—	1	1	—	1	1	2	3	3	2	5

Master of Technology (Part-time)

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Netaji Subhas Instt. of Technology	6	4	10	1	8	9	6	3	9	13	15	28
Total :	6	4	10	1	8	9	6	3	9	13	15	28

M.Sc. (Applied Physics Part-time)

Delhi College of Engineering	1	—	1	1	—	1	1	2	3	3	2	5
Total :	1	—	1	1	—	1	1	2	3	3	2	5

S-148

P.G. Degree (Medical Science)

Lady Hardinge Medical College (W)	29	21	50	26	24	50	21	25	46	76	70	146
Maulana Azad Medical College	45	45	90	49	41	90	46	44	90	140	130	270
U.C.M.S. & G.T.B. Hospital	28	21	49	17	29	46	22	21	43	67	71	138
V.P. Chest Institute	7	2	9	8	1	9	5	4	9	20	7	27
Total :	109	89	198	100	95	195	94	94	188	303	278	581

P.G. Diploma (Medical Science)

Lady Hardinge Medical College (W)	6	10	16	4	11	15	—	—	—	10	21	31
Maulana Azad Medical College	12	13	25	10	15	25	—	—	—	22	28	50
V.P. Chest Institute	4	6	10	6	4	10	—	—	—	10	10	20
Total (Day):	22	29	51	20	30	50	—	—	—	42	59	101

P.G. Diploma (Medical Sc. - Other Instt.)

	I Year			II Year			III Year			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Faculty of Medical Sciences	54	62	116	47	66	113	—	—	—	101	128	229
Total :	54	62	116	47	66	113	—	—	—	101	128	229

M.D. (Kaya Chikitsa)

A & U Tibbia College	2	—	2	1	2	3	2	1	3	5	3	8
Total :	2	—	2	1	2	3	2	1	3	5	3	8
Grand Total :	2	—	2	1	2	3	2	1	3	5	3	8

M.D. (Kriya Sharir)

A & U Tibbia College	—	2	2	2	1	3	1	2	3	3	5	8
Total :	—	2	2	2	1	3	1	2	3	3	5	8

M.D. (Moalijat)

A & U Tibbia College	—	1	1	—	—	—	—	—	—	—	1	1
Total :	—	1	1	—	—	—	—	—	—	—	1	1

**Statement showing the Number of SC/ST Students on Roll
during the Academic Session 2007-08**

Engineering & Technology

	I Year		II Year		III Year		IV Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	205	90	202	91	133	74	118	75	658	330
Post-graduate	28	6	8	3	1	--	--	--	37	9
Total :	233	96	210	94	134	74	118	75	695	339

Medicine

	I Year		II Year		III Year		IV Year		V Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	61	31	71	34	65	27	84	19	42	13	323	124
Post-graduate	24	14	26	10	19	7	--	--	--	--	69	31
P.G. Diploma	8	9	7	5	--	--	--	--	--	--	15	14
Total :	93	54	104	49	84	34	84	19	42	13	407	169

Ayurvedic & Unani

	I Year		II Year		III Year		IV Year		V Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	7	4	7	--	2	--	6	3	5	3	27	10
Total :	7	4	7	--	2	--	6	3	5	3	27	10

Homoeopathic

Under-graduate	18	3	20	4	11	5	5	1	5	3	59	16
Total :	18	3	20	4	11	5	5	1	5	3	59	16

Pharmacy

	I Year		II Year		III Year		IV Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	7	3	8	--	10	2	9	3	34	8
Post-graduate	5	--	--	--	--	--	--	--	5	--
Total :	12	3	8	--	10	2	9	3	39	8

Law

	I Year		II Year		III Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST
Post-graduate	278	130	105	83	99	48	482	261
Total :	278	130	105	83	99	48	482	261

Management

Post-graduate	40	20	42	10	22	4	104	34
Total :	40	20	42	10	22	4	104	34

Computer Science

Post-graduate	5	2	6	1	1	1	12	4
Total :	5	2	6	1	1	1	12	4

Library Science

Post-graduate	11	4	--	--	--	--	11	4
Total :	11	4	--	--	--	--	11	4

Fine Arts

	I Year		II Year		III Year		IV Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	20	10	16	8	15	7	15	8	66	33
Post-graduate	6	--	2	1	--	--	--	--	8	1
Total :	26	10	18	9	15	7	15	8	74	34

Education

Under-graduate	34	21	19	10	22	9	10	8	85	48
Post-graduate	100	37	5	2	--	--	--	--	105	39
Total :	134	58	24	12	22	9	10	8	190	87

Commerce

	I Year		II Year		III Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	1538	253	967	116	895	121	3400	490
Post-graduate	41	16	29	14	--	--	70	30
Total :	1579	269	996	130	895	121	3470	520

Arts Course

	I Year		II Year		III Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	2766	894	1930	671	1784	481	6480	2046
Post-graduate	240	134	147	71	--	--	387	205
Total :	3006	1028	2077	742	1784	481	6867	2251

Science Course

	I Year		II Year		III Year		IV Year		V Year		Total	
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST
Under-graduate	896	261	461	121	331	88	15	8	7	5	1710	483
Post-graduate	116	39	87	24	--	--	--	--	--	--	203	63
Total :	1012	300	548	145	331	88	15	8	7	5	1913	546

Others

	M.Phil.		Ph.D.		Cert./Diploma		Total	
	SC	ST	SC	ST	SC	ST	SC	ST
	85	51	132	26	513	74	730	151
Total :	85	51	132	26	513	74	730	151