

EVALUATIVE REPORT OF THE DEPARTMENTS



Department of Bengali

1. Name of the Department: Bengali

2. Year of Establishment: 1963

3. Names of the Programmes offered:

B.A. (Prog.) Three Year Under Graduate Programme

4. Names of Inter-disciplinary courses offered: Nil

5. Annual/semester/choice based credit system (programme wise):

B.A. (Programme) Semester mode

B.A. (Programme) CBCS

6. Participation of the department in the courses offered by other Departments: Nil

7. Courses in collaboration with other Universities: Nil.

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification
Three year Semester Programme was discontinued 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15.	Delhi University notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	2	-
Assistant Professors		1 Ad-hoc

10. Name	Qualification	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Dipak Maiti (Ad-hoc)	M.A.(Bengali)	Science Writing in Bengali	10 months	Nil

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty:

100% of the classes of B.A. (Programme) Bengali are taught by the Ad-hoc and guest faculty.

13. Students-Teacher Ratio (programme wise):

Student -Teacher ratio: 14:1

14. Number of academic support staff (technical): Nil

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Ad-hoc	-	-	1

16. If any ongoing projects from a) National b) International funding agencies and grants received. Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. If any Research Centre / facility recognized by the University developed by you: Nil

19. Publications (Summary):

Name	Papers Publications:		Books Published	Chapters in books	Monographs
	International	National			
Mr. Dipak Maiti	-	1	-	-	-

Mr. Dipak Maiti:

List of Publications:

1. Maiti, Dipak. (2015), Kishore Jnan-bijnan Potrikay Bijnanvittik Jonopriyo Probondhogulir Bishoy Choyoner Probonota: Ekti Sonkhyatatwik Bishleshon, Baalark, Vol-1, 133-156.

20. Areas of a)consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any: Nil

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board: Nil

22. Student projects:

	Percentage of Students
In-house projects including inter departmental/programme	100%
Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	0%

23. (a) Awards/ Recognitions received by faculty: Nil

(b) Awards/ Recognitions received by students: Nil

24. List of eminent academicians and scientists / visitors to the department: Nil

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National: Nil

b) International: Nil

26. Student profile programme/course wise:

Name of the Course: B.A.(Programme) Bengali	Applications received	Selected	Enrolled		Pass Percentage
			*M	*F	
2011-12	-	06	3	3	**
2012-13	-	05	1	4	**
2013-14	-	-	-	-	**
2014-15	-	06	3	3	**

*M = Male *F = Female

** Refer to Section 5.2.2

27. Diversity of Students: No Documentation.

Name of the Course:	% of students from the same state	% of students from the other states	% of students from abroad
2011-12			
2012-13			
2013-14			
2014-15			

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student Progression: No documentation. Year wise data to be recorded in future.

30. Details of Infrastructural facilities

a) Library

Year	Number of Books added to relating to Bengali (College Library)	Amount Spent on New Books
2011-12	45	Rs.10000
2012-13	12	Rs.4144
2013-14	41	Rs.5960
2014-15	63	Rs.10247

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility: Yes**d) Laboratories: No****31. Number of students receiving financial assistance from college, university, government or other agencies: Nil****32. Details on student enrichment programmes:**

2008-09	Seminar on 'Depiction of Family in Indian Literature' attracted strong participation not only in terms of numbers but also in terms of quality.
2010-11	Department celebrated the 150 th light anniversary of Rabindranath Tagore by organising a daylong seminar which featured several aspects of Tagore's literary works.
2013-14	One day seminar remembering the International Mother Language day (21 st February).

33. Teaching methods adopted to improve student learning:

1. Classroom interaction for better understanding of the concepts and problem solving.
2. Students are given projects on topics concerning the subject to facilitate better understanding.
3. Use of case studies so as to give them a view of related theoretical knowledge.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC/NSS/Social awareness programmes etc.

Active participation of students and teacher in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat)**Strength:**

- Good University results.
- Good Library facilities.

Weakness:

- Small department.
- Lack of permanent faculty.

Opportunity:

- The faculty and the students get to interact and collaborate with the other departments for research and project purposes.

Threat:

- The under graduate course in Bengali requires a rigorous understanding of the fundamentals of the subject.

b) Future plans:

- We have plans to create a research center of literature and cultural studies in collaboration with other disciplines and institutions.

- We have plans to organize workshop/ seminars/ special lectures in collaboration with other colleges and institutes.
- Create a database of Alumni of the department.

Department of Botany

1. **Name of the Department:** Botany

2. **Year of Establishment:** 1973

3. **Names of the Programmes offered:**

B.Sc. (Honours) Botany

B.Sc. (Prog) Life Science

4. Names of Inter-disciplinary courses offered	Departments involved
Ecology and Environment	Environment, Water technology, Forest Research, Social Forestry
Cell Biology	Molecular Biology, Microbiology, Anthropology, Biotechnology,
Genetics	Molecular Biology, Genetics, Biotechnology, Immunology
Economic Botany	Floriculture, Horticulture, Agriculture
Biodiversity	Biodiversity, Phytopathology

5. **Annual/semester/choice based credit system (programme wise):**

B.Sc. (Honours) Semester mode and Choice Based Credit System

6. **Participation of the department in the courses offered by other Departments:**

B.Sc. (Prog) Life Science

B.Sc. (Prog) Analytical Chemistry

B.Sc. (Prog) Physical Sciences

B.Sc. (Prog) Computer Sciences

B.Sc. (H) Chemistry

7. **Courses in collaboration with other Universities:** Nil.

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued from 2010-11	Delhi University notification
Three year Semester Programme was discontinued in year 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15.	Delhi University notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	10	7
Assistant Professors		3 Adhoc

10. Name	Qualification	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Manju A. Lal	Ph.D	Plant Physiology	39 years	Nil
Dr. Akhilesh S. Tewari	Ph.D	Plant Biotechnology, Tissue Culture and Morphogenesis	35 years	Nil
Dr. Kusum Shukla	Ph.D	Plant Physiology	35 years	Nil
Dr. Renu Kathpalia	Ph.D	Genetics and Biotechnology	25 years	Nil
Dr. Sunil Dhiman	Ph.D	Molecular Biology	16 years	Nil
Dr. Rajni Gupta	Ph.D	Mycology and Phytopathology	14 years	Nil
Dr. Ram Babu	Ph.D	Life Sciences	7.5 years	Nil
Dr. Vibha G. Checker (Ad-hoc)	Ph.D	Molecular Biology	4 years	Nil
Dr. Archana Singh (Ad-hoc)	Ph.D	Microbiology	3 years	Nil
Dr. Deepak Bhardwaj (adhoc)	Ph.D	Molecular Biology	1 year 7 months	Nil

11. List of senior visiting faculty: NA

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty:

About 30% of the classes of B.Sc. (Honours) Botany are taught by the Ad-hoc faculty.

13. Students-Teacher Ratio (programme wise):

Student -Teacher ratio in the department is 20:1

14. Number of academic support staff (technical):

4 Lab Assistants and 4 Lab Attendants

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Permanent	7	-	-
Ad-hoc	3	-	-

16. If any ongoing projects from a) National b) International funding agencies and grants received. Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Name of the Faculty	Nature of the Project	Project Name	Name of the funding agency	Year	Total grant received
Dr. Rajni Gupta	Minor Project	Studies on VAM fungi on lower plants	UGC	2010-11	Rs. 1,00,000
Dr. Rajni Gupta,	DU Innovation Project	Phytoremediation of Heavy Metals Lead and Zinc by <i>Helianthus annuus</i> and <i>Brassica</i> plants. KMC-102	DU	2012-13	Rs. 10,00,000
Dr. Manju A. Lal, Dr. Renu Kathpalia	DU Innovation Project	To assess the mutagenic potential of some of commonly encountered environmental pollutants and therapeutic agents KMC, DU- 106	DU	2012-13	Rs. 10,00,000
Dr. Manju A. Lal, Dr. Renu Kathpalia	DU Innovation Project	A comparative study of phytoremediation of stagnant water by free floating plants and making it potable with the use of various plant sources KMC, DU-107	DU	2012-13	Rs. 10,00,000

18. If any Research Centre / facility recognized by the University developed by you:
Nil**19. Publications (Summary):**

Name	Papers Publications:		Books Published	Chapters in books	Monographs
	International	National			
Dr. Manju A.Lal	-	-	-	-	-
Dr.Akhilesh S.Tewari	3	-	-	4	4
Dr. Kusum Shukla	-	-	-	-	-
Dr. Renu Kathpalia	2	3	3	1	-
Dr. Sunil Dhiman	-	-	-	-	-
Dr.Rajni Gupta	6	14	5	21	-
Dr. Ram Babu	1	-	-	-	-
Dr.Archana Singh	2	2	-	1	-
Dr.Vibha Gulyani Checker	6	-	-	3	-

Dr. Deepak Bhardwaj	7	-	-	3	-
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Publications (Details):**Dr. Manju A. Lal****List of Publications:**

1. In 2014, wrote 8 lessons and reviewed 7 lesson for e learning developed by National Mission of Education, Institute of Life Long Learning, DU

Dr. Akhilesh S. Tewari**List of Publications:**

1. Rangaswamy, N.S., Sethi, Minakshi & Shrotria, Akhilesh (1980) Nucellar and Somatic embryogeny- an experimental interpretation. Current Trends in Botanical Research (Eds) M. Rangaraj & C.P. Malik P 35-50, Kalyani Publishers, New Delhi
2. Tewari, Akhilesh & Rangaswamy, N.S., (1983) Cucurbitacins in relation to somatic embryogeny in vitro. Proc. Indian Academy of Sciences (Plant Sciences) 92(5): 403-419 Link- Springer.com/article/10/007%2BF03052990; ISSN-0370-0097-Publisher-Springer, India
3. Sethi, Minakshi, Tewari, Akhilesh & Rangaswamy, N.S., (1988) Tissue Culture of Jute cultivars-p353
4. Tewari, Akhilesh Shrotria, Sethi, Minakshi & Rangaswamy, N.S., (1999) Somatic Embryo and Plant Regeneration in three cultivars of white Jute. Phytomorphology, 49(3):303-308 ISSN 00319449 H Index 12
5. Sethi, Minakshi, Tewari, Akhilesh Shrotria & Rangaswamy, N.S., (1999) Somatic Embryogenesis in a cultivar of tossa Jute Plant Tissue Culture (Bangladesh), 9(1);85-88 H Index-9
6. Sardar Singh, Akhilesh Tewari, N. Vishwanathan & N. Kohli (2008)
 - Integrated Science & Technology IX (NE ED) 9788177582574-Dorling Kindersley (India) Pvt Ltd
 - Integrated Science & Tecnologu X (NE ED) 9788177582598 Dorling Kindersley (India) Pvt Ltd
7. Tewari Akhilesh S & Vishwanathan, N (2009) Longman Science- Biology-10, Dorling Kindersley (India) Pvt Ltd ISBN-978-81-317-1907-7
8. Tewari, Akhilesh & Vishwanathan, N (2009) Longman Science-Biology 9 Dorling Kindersley (India) Pvt Ltd ISBN 978-81-31-1906-0

Units/Chapters in Books:

1. Tewari, Akhilesh, (2007) Botanic Gardens and Conservation, pg 141-150, in Biodiversity, Conservation & Systematics (ed. Prithipal Singh) Scientific Publishers (India), Jodhpur ISBN 81-7233-464-8
2. Prithpal Singh & Tewari, Akhilesh S, (2007) Gymnosperms pp 155-165 An Introduction to Biodiversity (ed Prithipal Singh) Ane Books India ISBN 81-8052-186-9
3. Tewari, Akhilesh Shrotria (2001) LSE13-Plant Diversity II Economic Botany 3B Unit 17 - Spices pp 5-30, Unit 18-Beverages pp 31-54, Unit 19- Medicinal and Aromatic Plants pp 55-90 Published by Indira Gandhi National Open University, School of Sciences ISBN 81-266-0097-7

Short Reviews:

1. Shrotria, Akhilesh (1976). Cucurbitacins- a new class of growth substances,

Botanica 28-31

2. Rangaswamy, N.S., & Shrotria, Akhilesh (1976). Alternative to Sex Science Reporter 13:54-555
3. Tewari, Akhilesh (1987). Air Pollution: Status and Measures for Control
4. Tewari, Akhilesh, (1989). King of Vegetables New outlook 81-83
5. Tewari, Akhilesh, S. (2013). Silent Valley Life Stream 2(1):44-46 Life Stream Science Foundation

Dr. Renu Kathpalia

List of Publications:

1. Arora, R. and Bhojwani, S. S., (1988). Production of androgenic plants through pollen embryogenesis in anther cultures of *Brassica carinata* A. Braun. Biol. Plant, 30 (1):25-29.
2. Nathalie, H., Arora, R. and Bhojwani, S.S., (1988). A comparative study of *in vitro* shoot regeneration from cotyledon and root explants of four varieties of *Brassica oleracea* L. Curr. Sci., 57(24):1349-1351.
3. Arora, R. and Bhojwani, S. S., (1989). *In vitro* propagation and low temperature storage of *Saussurea lappa* C.B. Clarke- An endangered, medicinal plant. Plant Cell Reports 8: 44-47.
4. Bhojwani, S.S., Arumugam, N., Arora, R. and Upadhaya, R.P., (1989). *In vitro* conservation of some endangered species of India. Indian J. Plant Genet. Res., 2: 103-113.
5. Bhojwani, S. S. and Arora, R., (1992). Field assessment of variability in R₀ and R₁ plants regenerated from tissue cultures of *Brassica juncea*. In: C, You. And Z. Chen (Editors), Agricultural Biotechnology. China Sci. Technol., China, 334-337pp.

Books:

1. Bhojwani, S.S., Dhawan, V. and Arora, R., (1990). Plant Tissue Culture: A Classified Bibliography 1985-1989, Elsevier, Amsterdam, 406 pp.
2. Chand, T., Johry, S., Saxena, T. and Kathpalia, R., (2013). General Science: For Civil Services Preliminary Examination, Paper-1, Tata McGraw Hill Education (India), New Delhi,
3. Chand, T., Johry, S., Saxena, T. and Kathpalia, R., (2014). General Science: For Civil Services Preliminary Examination, Environment, Biodiversity and climate change, Paper-1, McGraw Hill Education (India), New Delhi,

E-content:

Developed an E-lesson for undergraduate course on “**Mitochondria**” under National Mission on Education-Information Communication Technology (NME-ICT) in Botany, MHRD project

Dr. Rajni Gupta

Research Publications:

1. Rajni Gupta and S. Singh (1994). Effect of fungicides in the elaboration of zearalenone by *Fusarium moniliforme*. Indian Phytopath. 47:168-171.
2. Rajni Gupta and S. Singh (1994). Natural occurrence of zearalenone producing *Fusarium* species isolated from preharvest, postharvest and stored sorghum grains Geobios. 21:251-256.
3. Rajni Gupta (1994). Effect of food preservatives on zearalenone production by *Fusarium moniliforme*. J. Phytol. Res. 7: 21-24.

4. Rajee N Kumar., Rajni Gupta, K.G.Mukerji and R.K.Upadhyay (1994). Eradication of noxious weed *Euphorbia geniculata* by rust pathogen. *Plant protection bulletin*.46:37-38.
5. Rajni Gupta (1995). Screening of sorghum cultivars for the elaboration of various toxigenic species of *Fusarium*. *Jour. Rec. Appl. Sci.* 10:37-39.
6. Rajni Gupta (1995). Effect of organic acids on the zearalenone production by *Fusarium moniliforme* (S2PR 49). *Acta Botanica Indica*.23:133-135.
7. Rajni Gupta and K.G.Mukerji (1995). Studies on weeds of Delhi III- Compositae. *Compositae Newsletter* 27: 1-6.
8. Rajni Gupta and V.P.Singh (1995). Health hazards of Mycotoxins. *The Botanica* 45:32-34.
9. Rajni Gupta (1996). Seed borne fungi of sorghum. *Plant genetic Resource Newsletter*.106: 95-96.
10. Rajni Gupta and K.G.Mukerji (1996). Studies on weeds of Delhi I-Cyperaceae and Euphorbiaceae. *J. Phytol. Res.* 8(2): 137-140.
11. Rajni Gupta and K.G.Mukerji (1996). Studies on the vesicular arbuscular mycorrhizal association in the roots of Delhi grasses-*Phytomorphology*.46(2): 117-121
12. Rajni Gupta and K.G.Mukerji (1996). Vesicular arbuscular mycorrhizae in plants of compositae: their occurrence identify and significance.*Compositae Newsletter*.29: 40-46.
13. Rajni Gupta and K.G.Mukerji (1996). Weeds of Delhi II Gramineae. *J.Phytol.Res.* 9(10): 43-48.
14. Rajni Gupta (1996). Screening of sorghum cultivars for the elaboration of zearalenone by two toxigenic isolates of *Fusarium*. *Proc. Indian Natn. Sci .Acad.* 66.4., 227-280.
15. Rajni Gupta 1998. Incidence of zearalenone producing *Fusarium* species on sorghum grains. *Indian Phytopath* 51(3): 251-253.
16. V.P.Singh and Rajni Gupta.(1998). Prevention, elimination and detoxification of Aflatoxins.*Indian journal of Aeriobiology*, 11: 33-42.
17. Rajni Gupta and K.G.Mukerji (1999).Effect of Vam fungus on the growth and flowering of *Helianthus annuss L.* EC-68414. *Phytomorphology*, vol.49, 1:37-42.
18. Rajni Gupta and K.G.Mukerji (1999)..Incompatibility of various weeds towards VAM fungi. *Plant cell incompatibility. Newsletter*, vol. 29, 66-69.
19. Rajni Gupta and K.G.Mukerji (2000). Biocontrol of *Rumex dentatus*. *J.Phytological Research*.101-102.
20. Rajni Gupta and K.G.Mukerji (2001).Environmental effect on the reoccurrence of *Alternaria alternata* on *Trianthema portulacastrum*. *Journal of Environmental Biology* 22(2), 83-86.

Chapters in Books:

1. Rajni Gupta and K.G.Mukerji.(1997). Mycoherbicides an Overview. In advances in Botany Integrated pest and disease management.eds.Mukerji et al., APH PUBLICATION
2. Rajni Gupta and K.G.Mukerji. (1998). Host parasite specificity and pathogenesis.eds Mukerji et al., Plenum Publishing.
3. Rajni Gupta and K.G.Mukerji.(1998).Degradation of agrochemicals in soil by rhizosphere mycoflora. In Trends in microbiology.eds Bharat Rai et al.
4. Rajni Gupta (1999).Fungal allelopathy in Advances in microbial technologies. Eds. Rajni gupta et al.

5. Rajni Gupta and K.G.Mukerji.(1999).Mycorrhizal allelopathy.in Ethnomycology to fungal biotechnology. Plenum Publishing House.
6. Rajni Gupta and K.G.Mukerji (2000). The growth of VAM Fungi under stress conditions. In Mycorrhizal biology .Kluwer and Plenum Publishing Press.
7. Rajni Gupta and K.G.Mukerji (2000). VAM association in weeds. In Mycorrhizal biology .Kluwer and Plenum Publishing Press.
8. Rajni Gupta et al., (2000). Microbes in Biotechnology. In Glimpes in Botany G.S.Paliwal Festschrift volume APH Publishing House.
9. Rajni Gupta and K. G.Mukerji (2000). How useful is the Integrated Pest Management. In microbial biotechnology for sustainable developmentand productivity. Scientific Publishers
10. Rajni gupta and K.G.Mukerji (2001). Biological control of weeds with plant pathogens.eds Mukerji et al., Kluwer Publishing House.
11. Rajni Gupta and K.G.Mukerji (2001). How harmful the mycotoxins are. In Felicitation volume of Prof. R.S.Mehrotra. Glimpses in plant pathogens Eds K.R.Aneja and A.R.Chharya.
12. Rajni Gupta and K.G.Mukerji (2001). Bioremediation: Past present and future. In Role of microbes in the management of environmental pollution EDS Mukerji et al APH Publishing House.
13. Rajni Gupta and K.G.Mukerji (2002). Root exudate-Biology.in Techniques in Mycorrhizal studies.eds Mukerji et al., Kluwer Academic Publishers.
14. Rajni Gupta and K.G.Mukerji (2002). Techniques for the isolation of VAM fungi in soil.
15. Rajni Gupta and K.G.Mukerji (2003). Fungus as a pathogen in Plant pathology at cross roads. BCKV Mohanpur.
16. Rajni Gupta and K.G.Mukerji (2004). Root exudates in relation soil rhizosphere mycoflora. IN Microbial Diversity Eds Gautam et al. Shree Publishers and Distributors.
17. Rajni Gupta and K.G.Mukerji (2006). Arbuscular mycorrhizal association in agricultural plants including weeds. In current concepts in Botany. Eds. Mukerji et al., IK International.
18. Rajni Gupta and K.G.Mukerji (2010) Mycoparasites in disease control. Eds. Mukerji et al., I K International Publishing House.
19. Rajni Gupta (2012). Microbes and biofuel. Eds Katiyar et al., Biotech Books.
20. Rajni Gupta and Ruchitra Gupta (2012). Modern tools for identification of plants. Ed, Rajni Gupta TERI Publication
21. Rajni Gupta and Kusum Shukla (2012). Anatomy in relation to taxonomy. Ed Rajni gupta TERI publication

Books:

1. Advances in microbial technology,1999 APH PUBLISHING CORPORATION
2. Plant taxonomy past present and future2012 Teri publication
3. Microbial technology-APH Publishing House,2001
4. Text book of fungi 2004 ,APH Publishing House,
5. Concisce notes on biotechnology,2012 Tata MC GRAW HILL

E Content:

1. Prepared e content for ILL QUIZ ON THE TOPIC VIRUSES.
2. Prepared e content for ILL ON PHYTOPATHOLOGY.

Dr. Ram Babu**List of Publications:**

1. Ram Babu; Garg, S; Rathi, B.; Attri, P.; Tyagi, Y.; Sharma, V.; Arora, T, Kumar,R. (2011). Antioxidant and Antibacterial Evaluation of Substituted Thiols Synthesized by A Kinetically Fast, Economic and Environment friendly Approach” J. Pharm. Res. 4(1), 171-174. (ISSN: 0974-6943)

Dr.Archana Singh:**List of Publications:**

1. Singh, A. and Singh, V. P. (2014). Characterization of thermophilic amylase from an obligate thermophile, *Thermoactinomyces vulgaris*. Journal of Plant Development Sciences 6(2): 159-170. ISSN: 0974-6382.
2. Singh, A. and Singh, V. P. (2012). Production of extracellular hydrolytic enzymes by an obligate thermophile – *Thermoactinomyces vulgaris*. Vegetos 25(1): 135-145. Print ISSN: 0970-408, Online ISSN: 2229-4473.

Review Article:

1. Singh, A. and Singh, V. P. 2006. Microbial Enzymes of Industrial Interest: The Current Scenario. The Botanica: 56, 19-30. ISSN 0045-2629.
2. Singh, V. P., Singh, A., Kedia, V. K. and Laisram N. 2006. *Thermoactinomyces vulgaris* as a causal agent of Farmer’s Lung Disease. Indian Journal of Aerobiology 19, 1-11. ISSN 0971-1546.

Chapters in Books:

Kumar, A., Singh, A., Singh, V. P. 2011. ‘Industrial enzymes of microbial origin’, Biotechnology: A New Approach Ed. P. C. Trivedi. Agriobios, India, pp 291-308. ISBN: 9788177544435

Dr.Vibha G. Checker**List of Publications:**

1. Shalini Lal, Vibha Gulyani and Paramjit Khurana (2007) Overexpression of HVA1 gene from barley generates tolerance to salinity and water stress in transgenic mulberry (*Morus indica*). Transgenic Research 17: 651-663.
2. Vibha Gulyani and Paramjit Khurana (2011) Identification and expression profiling of drought regulated genes in mulberry (*Morus indica*) by suppression subtractive hybridization of susceptible and tolerant cultivars. Tree Genetics and Genomes 7:725-738.
3. Paramjit Khurana and Vibha G. Checker (2011), ‘The advent of genomics in mulberry and perspectives for productivity enhancement’. Plant Cell Reports 30: 825-838.
4. Vibha G. Checker, Anju K. Chhibbar and Paramjit Khurana (2011) Stress-inducible expression of barley Hva1 gene in transgenic mulberry displays enhanced tolerance against drought, salinity and cold stress. Transgenic Research 21(5):939-57.
5. Vibha G. Checker, Bushra Saeed and Paramjit Khurana (2012) Analysis of expressed sequence tags from mulberry (*Morus indica*) roots and implications for comparative transcriptomics and marker identification. Tree Genetics and Genomes 8:1437–1450.

6. Vibha G. Checker and Paramjit Khurana (2013) Molecular and functional characterization of mulberry EST encoding remorin (MiREM) involved in abiotic stress. *Plant Cell Reports* 32(11):1729-41.

E Content:

1. Vibha G. Checker (2014) E-lesson on Cloning Vectors for Institute of Life Long Learning, Delhi University. Lesson prepared under MHRD project National mission of education through ICT.
2. Vibha G. Checker (2014) E lesson on Construction of genomic and cDNA libraries for Institute of Life Long Learning, Delhi University. Lesson prepared under MHRD project National mission of education through ICT.
3. Vibha G. Checker and Anju K Chhibbar (2014) E lesson on Role of Biotechnology in Agriculture for Institute of Life Long Learning, Delhi University. Lesson prepared under MHRD project National mission of education through ICT.

Dr. Deepak Bhardwaj**List of Publications:**

1. Bhardwaj D, Medici A, Gojon A, Lacombe B, Tuteja N.(2015). A new insight into root responses to external cues: paradigm shift in mineral nutrient sensing. *Plant Signaling and Behaviour*. (Accepted)
2. Bhardwaj D, Ansari MW, Sahoo RK and Tuteja N.(2014). Biofertilizers function as key player in sustainable agriculture by improving soil fertility, plant tolerance and crop productivity. *Microbial Cell Factories*. 13:66. ISSN: 1475-2859
3. Bhardwaj D, Lakhanpaul S and Tuteja N.(2012). Wide range of interacting partners of pea G β subunit of G-proteins suggests its multiple functions in cell signalling. *Plant Physiol Biochem*. 58:1-5. ISSN: 0981-9428
4. Bhardwaj D, Sheikh AH., Sinha AK and Tuteja N.(2011). Stress induced beta subunit of heterotrimeric G-proteins from *Pisum sativum* interacts with mitogen activated protein kinase. *Plant Signaling and Behaviour*. 6:287-292. ISSN: 1559-2324

Chapters in Books:

1. Bhardwaj D, Lakhanpaul S and Tuteja N. (2013). Can G-Proteins be the Key Proteins for Overcoming Environmental Stresses and Increasing Crop Yield in Plants? In: *Plant Acclimation to Environmental Stress*, Tuteja N, Gill SS (Eds), Springer Science + Business Media, LLC 233 Spring Street, New York, NY 10013, USA, 461-482. ISBN 978-1-4614-5000-9
2. Sahoo RK, Bhardwaj D and Tuteja N. (2013). Biofertilizers: A Sustainable Eco-friendly Agricultural Approach to Crop Improvement. In: *Plant Acclimation to Environmental Stress*, Tuteja N, Gill SS (Eds), Springer Science + Business Media, LLC 233 Spring Street, New York, NY 10013, USA, pp. 403-432. ISBN 978-1-4614-5000-9
3. Lakhanpaul S, Singh V, Kumar S, Bhardwaj D and Bhat KV. (2011). Sesame: Overcoming the abiotic stresses in *Sesamum indicum* L. - The queen of oil seed crops. In: *Improving Crop Resistance to Abiotic Stress*, N Tuteja, Sarvajeet S. Gill, Antonio F. Tubercio and Renu Tuteja (Eds.), Wiley-Blackwell, Wiley-VCH Verlag GmbH & Co., Germany. ISBN: 978-3-527-32840-6

20. Areas of a) consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any:

Name of the Faculty	Area	Year	Income
Dr. Sunil Dhiman	Scientific advisor in Film on Science by Doordarshan	2006	Nil

21. Faculty as members in

a) National committees

- Dr. Manju A. Lal was the member of the jury to evaluate the projects submitted by the school students under DST-INSPIRE scheme.
- Dr. Manju A. Lal was appointed as an observer for conduct of AIEEE
- Dr. Rajni Gupta was the member to evaluate the books submitted in UGC for funding.
- Dr. Ram Babu was offered as an Observer for conduct of UGC-NET EXAM
- Dr. Ram Babu was Offered as an Observer for conduct of IIT-JEE EXAM

b) International Committees: Nil

c) Editorial Board: Nil

22. Student projects:

	Percentage of Students
In-house projects including inter departmental/programme	100%
Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	20%

23. (a) Awards/ Recognitions received by faculty:

Name of Faculty	Award/Recognition	Year
Dr. Manju A. Lal	Indian Society for Plant Physiology- fellow	1994
	DST-INSPIRE invited as Judge	2011-15
Dr. Akhilesh S. Tewari	Post Doctoral Fellowship by INSA and Royal Society, London	1990
	Post Doctoral Fellowship by ICRISAT	1980
	USSR scholarship by Ministry of Education(HRD), Govt. Of India	1981
Dr. Vibha G. Checker	Awarded with <i>Swarn Jayanti Puruskar</i> for Best Paper Presentation in the symposium.	2010
Dr. Sunil Kumar Dhiman	Received first runners up award in National Workshop on “Recent Techniques in Structural and Functional Genomics”, held at CIMAP, Lucknow, UP, India (Dec 15-24, 2006).	2006
Dr. Deepak Bhardwaj	Awarded with <i>Best Poster Award</i> in the International Conference on Plant Biotechnology for Food Security: New Frontiers, 2012, New Delhi.	2012

	Post-Doctoral Fellowship in Indo-French project on nutrient sensing in plants.	2013
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23. (b) Awards/ Recognitions received by students:

Name of the Student	Award	Year
Vibha Gulyani	Secured 1 st position in Delhi University	2004, 2005
Wafa Singh	Secured 1 st position in Delhi University	2007
Manisha Sharma	Secured 1 st Position In Delhi University In M.Sc.(P) Botany	2011-2012
Manish Sharma	Secured 1 st Position In Delhi University In M.Sc.(F) Botany	2011-2012

24. List of eminent academicians and scientists / visitors to the department:

- Prof. B.M. Johri, Professor Emieratus, Department of Botany, Delhi University
- Prof. Upender Baxi, Former Vice-Chancellor, University of Delhi, Delhi
- Prof. N.S. Rangaswamy, Former Head of Botany Department, Delhi University, Delhi.
- Dr. S. Natesh, Former Advisor, Department of Biotechnology, Govt. of India.
- Prof. Subodh K.Sharma, Advisor, Ministry of Environment and Forest
- Prof. R.N. Chibbar, University of Saskachewantoon, Saskatoon, Canada
- Prof. R.K. Saxsena, Department of Microbiology, South Campus, Delhi University,
- Prof. Paramjit Khurana, Department Of Plant Molecular Biology, South Campus, University of Delhi
- Prof. Anil Sirohi, Department of Nematology, Indian Agriculture Research Institute, New Delhi
- Prof. Anil Kumar Saxena, Head Department of Microbiology, Indian Agriculture Research Institute, New Delhi
- Dr. Archana Chugh, Assistant Professor, Kusuma School of Biological Sciences, Indian Institute of Technology, New Delhi
- Prof. Ashok Bhatnagar, Former Head of Botany Department, Delhi University, Delhi
- Prof. S C Maheshwari, Former head ,Department of Botany, University of Delhi, Delhi
- Prof. G.S. Sirohi, Department of Plant Physiology, Indian Agriculture Research Institute, New Delhi
- Prof.Yash Pal Abrol, INSA Honorary Scientist, New Delhi
- Prof. Jitender khurana, Department Of Plant Molecular Biology, South Campus, University of Delhi
- Prof. Akhilesh K. Tyagi, Director, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi
- Prof. Anil Grover, Department Of Plant Molecular Biology, South Campus, University of Delhi
- Prof. Ashoka Kumar , Additional Director, DRDO,
- Dr. Anastasia Penkova, St. Petersburg State University, Russia

- Prof. Lata Rani Nain, Division of Microbiology, IARI, New Delhi
- Ms. Vasudha Mishra, IAS, Managing Director, National Co-operative Development Cooperation, Govt. Of India , New Delhi
- Mr. R.R. Mishra, IAS, Joint Secretary and mission director of national Ganga river basin authority under Ministry Of Environment, Forest and Climate Change

25. Seminars/ Conferences /Workshops organized & the source of funding a) National, b) International:

Nature of the Project	Project Name	Name of the funding agency
Seminar	Seminar on Biodiversity and Environmental Management	Department of Biotechnology
Workshop	Curriculum development and restricting	Centre for Science Education and communication (CSEC),DU

26. Student profile programme/course wise:

Name of the Course: B.Sc.(Hons) Botany	Applications received	Selected	Enrolled		Pass Percentage
			*M	*F	
2011-12	Data not available	114	60	53	**
2012-13	Data not available	113	57	56	**
2013-14	Data not available	178	97	81	**
2014-15	Data not available	224	108	116	**

*M = Male *F = Female

** Refer to Section 5.2.2

27. Diversity of Students:

Name of the Course: B.Sc.(Hons) Botany	% of students from the same state	% of students from the other states	% of students from abroad
2011-12	Data not available	Data not available	Nil
2012-13	Data not available	Data not available	Nil
2013-14	Delhi-44.4	Haryana- 17 Manipur- 12.6 Uttar Pradesh-4.4 Uttrakhand-1.5 H.P-1.5 J & K - 1.5	Nil

2014-15	Delhi- 17.3	Haryana- 33.6 Uttar Pradesh- 20.19 Manipur- 14.4 H.P -1.925 J & K- 1.925 Bihar-0.96 West Bengal- 0.96 Rajasthan- 0.96 Orissa- 0.96	Nil
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28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Approximately 30% have cleared national and State competitive examinations, in the last 4 years. (Year wise data will be recorded in future.)

29. Student Progression

Student progression	Against % enrolled (last 4 years)
UG to PG: 2011-12	6
2012-13	7
2013-14	20
2014-15	-
PG to M. Phil.	5 (Year wise data to be recorded in future)
PG to Ph.D.	3 (Year wise data to be recorded in future)
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	3 (Year wise data to be recorded in future)
• Other than campus recruitment	20 (Year wise data to be recorded in future)
Entrepreneurship/Self-employment	5 (Year wise data to be recorded in future)

Some of the distinguished Alumni of Department of Botany

Name	Year of Graduation	Designation	Organization	Profession
Bharat Datta	1977	Director Sales and Marketing	Luminous Electronics Pvt.Ltd	Marketing
Raju Gupta	1984	Senior Advocate	Self employed	Legal
Anil Rajput	1977	Managing Director	Promark Travels Pvt.LTD	Travel planner
Alka Vadekan	1977	Associate Professor	Maiteryi College	Education
Ratnum Wattal	1977	Associate Professor	Zakir Hussain College	Education

Anil Saxena	1982	Head	Department of Microbiology, IARI	Agriculture Research Scientist
Suman Kumra	1976	Associate Professor	Hindu College	Education
Renu Garg	1978	Associate Professor	Swami Shradhanand College	Education
Poonam Mehta	1979	Associate Professor	Dayal Singh College	Education
Anil Sirohi	1985	Principal Scientist	Department Of Nematology, IARI	Agriculture Research Scientist
Shatanu Dhamija	1985	Revenue Officer	ITSC, Govt of India	Civil Service
Bela Bhatia	1985	Associate Professor	Deshbadhu College	Education
Kamal Mehta	1985	Senior Advocate	Delhi High Court	Legal
Anju Kumar	1986	Associate Professor	Deshbadhu College	Education
Khushwant Sethi	1982	IFS Officer	Ministry of Agriculture	Civil Service
Manoj Pingua	1990	Former Secretary	Govt. Of Chhattisgarh	Civil Service
Kunal Satyarthi	1991	Head	Ministry of Environment and Forest	IFS
Archana Chugh	1991	Assistant Professor	IIT, New Delhi	Education
Devendra Sharma	1991	Professor	California state University	Education
Anshuman Kelkar	1996	Senior Research Scientist	Rockefeller University	Research Scientist
Smitabh Chakraborti	1996	Senior Research Scientist	Piramal life Sciences Ltd	Research Scientist
Priya Ranjan	1992	Officer	Humphrey School of Public Affair, University of Minnesota	Civil Service
Sunil Dhiman	1992	Associate professor	Kirori Mal College	Education
Sanjay Lal	1991	Joint commissioner of Income tax	Govt.of India	Civil Service
Kunal Ranjan	2005	Program head	Zee Media	Media
Mahesh Yadav	2008	Officer	IRTS, Indian Railways	Civil Service
Manoj Lekhak	1996	Assistant Professor	-	Education
Meenakshi Aggarwal	2002	Program officer	Tata Consultancy Services	Management
Vaibhav Ojha	2002	Army Officer	Govt.Of India	Consulting
Mrinal Bharti	1994	Advocate	Supreme Court Of India	Information Technology
Niharika Mehta	2007	Management Trainee	Mondelez International	Management

Nikhil Singh	2003	Vice President	RBS	Capital Markets & Brokerage
Nitin Verma	1994	Business Manager	Goodyear India	Analytics
Amit Olhyan	2006	Custom Officer	Indian Customs	Non-profit
Prabhanjan Verma	1997	Senior Correspondent	CNN-IBN, Star Sports,	Civil Service
Pratishtha Kulshreshtha	2004	Assistant Professor	Faculty of Arts,DU	Education
Priyanka Khanduri	2006	Assistant Professor	Maitreyi College	Education
Priyankari Alexander	1993	Program Co dinator	Govt.of Srilanka	HR
Rudresh Sugam	2008	Program Officer	Council on Energy, Environment and Water	Financial Consulting
Seema Mangla	2003	Research Scientist	Orgegon State University,	Human Resources
Wafa Singh	2007	Program officer	PRIA(Society for Participatory Research in Asia)India	NGO
Ankit Laroia	2007	Manager	Times Business School	Private Banking
Arun Rana	2009	Scientist	Portland State University	Managemen t Consulting
Vibha Gulyani	2003	Assistant Professor	Kirori Mal College	Education
Rashmi Saini	2005	-	Govt. Of India	-
Kriti Berry	2008	Director, Marketing Sciences Group	Educomp Solutions	Research
Pankaj Garg	2007	Senior Manager	Allahabad Bank	Bank
Abhay Rajoria	2008	Assistant Director	Grover Zampa Vineyard	Private company
Anshu Rastogi	2005	Research Scientist	Palacky University, Olomouc	Research Scientist
Nikhil Singh	2003	Sales Head	F5Networks	Media
Rumal Fernando	1994	Head of Procurement	Unilever	Managemen t Consulting

30. Details of Infrastructural facilities

a) Library

Year	Number of Books added to relating to Botany (College Library)	Amount Spent on New Books
2011-12	46	Rs. 68,750
2012-13	68	Rs. 1,19,808
2013-14	73	Rs. 1,31,600
2014-15	186	Rs. 1,42,733

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility:

The Botany Laboratory is equipped with LCD Projectors to facilitate presentations and aid teaching- learning process. The Botany museum of the department consists of very large collection of plant specimens both in dry and wet conditions. It has large collection of herbarium specimens and many of them are rare plants.

d) Laboratories

The Botany Laboratories are well equipped with adequate number of instruments, glassware and chemical to conduct practical classes for undergraduate students.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Year	Fee Concession	Scholarships
2011-12	1	4
2012-13	1	2
2013-14	2	6
2014-15	-	5

32. Details on student enrichment programmes:

Year	Special Lectures/ Workshops/ Seminars	Names of conducting individuals/ organisations/ institutions
2011-12	Youth and Politics	Ms Prathistha Kulshratha, Assistant Professor, Faculty of Arts, DU
	Integrative Plant Biology - Basics and Applications	Dr.Arun Jaganathan, Department of Botany, DU
2013-14	Interaction with IAS on Role of young scientist in nation building	Ms.Vasudha Mishra, IAS, Managing Director, National Co-operative Development Cooperation, Govt. Of India , New Delhi
2014-15	Workshop on Communication Skills	Dr.Devendra Sharma

33. Teaching methods adopted to improve student learning:

1. Classroom interaction for better understanding of the concepts and problem solving.
2. Use of projectors for teaching theory and practical problems and for students to deliver presentations as part of their curriculum.
3. Students are given projects on topics concerning the subject so as to increase their understanding of the subject.
4. The lab protocol is given to the students prior to practical classes.
5. We have in-built and self regulatory discipline policy where in students are required to attend every activity of the class and maintain records and files which are checked by the teacher and credit is given to only those students who get it signed there and then. This helps in maintaining discipline and attendance of the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC/NSS/Social awareness programmes etc.

Active participation of students and faculty in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps and Plantation drive etc

35. a) SWOT (Strength, Weakness, Opportunity, Threat)**Strength:**

- Highly dedicated and qualified faculty
- The teachers are well qualified in different fields of Botany and regularly attend the workshops on recent trends in Biological Sciences.
- Excellent University results
- Good Laboratory facilities
- Alumni support to guide the students.

Weakness:

- Lack of non teaching assistants
- Lack of permanent faculty

Opportunity:

1. To the faculty to interact and collaborate with the other departments for research and project purpose.
2. The students are trained to handle the science projects. They are trained for appearing in various competitions after graduation.
3. The teachers regularly do career counselling for students and make them aware of the opportunities after the graduation.

Threat:

- The under graduate course in Botany requires a rigorous understanding of the fundamentals of the subject. The Semester mode does not allow such in depth understanding.
- It takes more time in settling down studying pure sciences so many of good students get diverted to other lucrative jobs

b) Future plans:

- To strengthen the infrastructure so that the students can have hands on experience of the latest techniques developed in the field of biotechnology and molecular biology.
- Create a research center with collaboration with other disciplines and institutions.
- We have plans to organize workshop/ seminars/ special lectures in collaboration with other colleges and institutes.
- Update the database of Alumni of the department.

Department of Chemistry

1. Name of the Department: Chemistry

2. Year of Establishment: 1954

3. Names of the Programmes offered:

B.Sc. (Honours) Chemistry

B.Sc. (Programme) Analytical Chemistry

M.Sc. Chemistry

4. Names of Inter-disciplinary courses offered	Departments involved
B.Sc. (Prog.) Physical Sciences (with Chemistry)	Chemistry, Physics, Maths, English
B.Sc. (Prog.) Life Sciences	Chemistry, Botany, Zoology, English

5. Annual/semester/choice based credit system (CBCS) (programme wise):

B.Sc. (Honours) Chemistry CBCS

B.Sc. (Honours) Chemistry Semester Programme

B.Sc. (Honours) Chemistry Erstwhile FYUP

6. Participation of the department in the courses offered by other Departments:

As per CBCS the Department offers one Generic Elective (GE) paper to students of all the Honours Courses.

7. Courses in collaboration with other Universities: Nil.

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2010-11	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification
Three year Semester Programme was discontinued in 2015-16.	Delhi University notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	28	10
Assistant Professors		20 (2 leave vacancies)

10. Faculty Profile:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
Dr.J.L.Sharma	Ph.D.	Associate Professor	Inorganic Chemistry	37 years	Nil
Dr. F. Kamil	Ph.D.	Associate Professor	Inorganic Chemistry	34 years	Nil
Dr. S. Gera	Ph.D.	Associate Professor	Inorganic Chemistry	32 years	Nil
Dr. Kalpana Mehrotra	Ph.D.	Associate Professor	Organic Chemistry	28 years	Nil
Dr. Tazeen Mahmood	Ph.D.	Associate Professor	Bio Chemistry	30 years	Nil
Dr. Sudipta Ghosh	Ph.D.	Associate Professor	Physical Chemistry	25 years	Nil
Dr. Kalpana Bhrara	Ph.D.	Associate Professor	Physical Chemistry	25 years	Nil
Dr. Mamta Sharma	Ph.D.	Associate Professor	Physical Chemistry	22 years	Nil
Dr. Shalini Nigam	Ph.D.	Associate Professor	Physical Chemistry	22 years	Nil
Dr. P.K. Singh	Ph.D.	Associate Professor	Inorganic Chemistry	24 years	2
Dr. Rakesh Kumar	Ph.D.	Associate Professor	Bio Chemistry	24 years	4 (Awarded) 5 (registered)
Dr. M. Ramananda Singh	Ph.D.	Assistant Professor	Physical Chemistry	12 years	Nil
Ram Sunil Kumar Lalji	M.Sc	Assistant Professor	Organic Chemistry	10 years	Nil
Dr. Reena Saxena	Ph.D.	Associate Professor	Physical Chemistry	15 years	4
Dr. Geetanjali	Ph.D.	Assistant Professor	Organic Chemistry	11 years	Nil
Dr. Rupesh Kumar	Ph.D.	Assistant Professor	Organic Chemistry	10 years	Nil
Dr. Sunil Kumar Singh	Ph.D.	Assistant Professor	Organic Chemistry	4 years	Nil

Dr. Shalini Baxi	Ph.D.	Assistant Professor	Physical Chemistry	10 years	Nil
Dr. Kiran	Ph.D.	Assistant Professor	Organic Chemistry	8 years	Nil
Dr. Priyanka Jhajharia	Ph.D.	Assistant Professor	Organic Chemistry	5 years	Nil
Dr. Vinod Kumar	Ph.D.	Assistant Professor	Inorganic Chemistry	2 years	Nil
Dr. Palash Jyoti Das	Ph.D.	Assistant Professor	Physical Chemistry	5 years	Nil
Dr. Sarika Tejasvi	Ph.D.	Assistant Professor	Inorganic Chemistry	8 years	Nil
Dr. Akhilesh Bharti	Ph.D.	Assistant Professor	Inorganic Chemistry	1 year	Nil
Dr. Shokip Tumtin	Ph.D.	Assistant Professor	Organic Chemistry	6 years	Nil
Dr. Gaijon Panmei	M.Sc.	Assistant Professor	Physical Chemistry	1 year	Nil
Dr. Upasana Issar (ad-hoc)	Ph.D.	Assistant Professor	Physical Chemistry	2.5 years	Nil
Dr. Shashwat Malhotra (ad-hoc)	Ph.D.	Assistant Professor	Organic Chemistry	5 years	Nil
Dr. Kalyanjyoti Deori (ad-hoc)	Ph.D.	Assistant Professor	Inorganic Chemistry	4 months	Nil
Dr. Bhagat Singh Bhakuni (ad hoc)	Ph.D.	Assistant Professor	Inorganic Chemistry	8 months	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty:

About 15% classes in the Chemistry department are taught by ad hoc faculty.

13. Students-Teacher Ratio (Programme wise):

B.Sc (Honours) Chemistry: 14:1

14. Number of academic support staff (technical) staff:

Number of non-teaching posts	Sanctioned	Filled
Assistant	26	4
Attendant		11
On contract		5

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Sc.
Permanent	24	2
Ad-hoc	4	-

16. If any ongoing projects from a) National b) International funding agencies and grants received.

Name of the Teacher	National / International	Funding Agency	Cost of the Project
Dr. Reena Saxena	National Project	SERB, Department of Science & Technology, DST, INDIA	Rs. 23,48,000
Dr. M Ramananda Singh	National Project	SERB, Department of Science & Technology, DST, INDIA	Rs. 12,00,000
Dr. Rupesh Kumar	National Project	UGC-Startup Grant	Rs. 6,00,000
	National Project	Young Scientist (Chemical Sciences)-(2012)	Rs. 6,00,000
Dr. Vinod Kumar	National Project	UGC-Startup Grant	Rs. 6,00,000
Dr. Sunil Kumar Singh	National Project	UGC-Startup Grant	Rs. 6,00,000
Dr. Akhilesh Bharti	National Project	UGC-Startup Grant	Rs. 6,00,000

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Name of the Teacher	Year	Nature of the Project	Project Name	Name of the funding agency	Total grant received	Equipments purchased for the Project
Dr Geetanjali and Dr Mamta Sharma	2013-14	DU Innovation Project	KMC-204 Understanding the desertification and related socio economic scenario of NCR Delhi	D.U.	Rs. 5,00,000	Double Distillation, Weighing Balance
Ram Sunil Kumar L	2013-15	DU Innovation	KMC-207 Socio-political and Psychological causes	D.U.	Rs. 3,00,000	pH meter, conductivity meter, digital

		Project	of Road Traffic Jams problems, their Environmental and Societal Impacts and suggesting Remedial Measures for smoothing road traffic in Delhi-NCR			camera
Dr. Tazeen Mahmood	2012-13	DU Innovation Project	DU-107 “A comparative study of phytoremediation of stagnant water by free floating plants and making it portable with use of plant sources”	D.U.	Rs. 10,00,000	
Dr. Kalpana Bhrara	2008-2011	R & D	Quantum Chemical Calculations for rationalizing the selection of Corrosion Inhibitors	UGC	Rs. 8,52,800	Work Station with printer, HyperChem, Grinding Machine, Thermostat etc
Dr. Mamta Sharma & Dr. Reena Saxena	2007-2009	R & D	Monitoring, Characterization & Remediation of Metal ions in Delhi Soils using Green Approach	DST	Rs. 6,00,000	Hot plate with magnetic stirrer Centrifuge Mechanical shaker Air conditioner Refrigerator Microwave oven Phone
Dr. Mamta Sharma	2011-2014	R & D	Remediation Modeling of Metal contaminated water and soil using novel water soluble polymers as Green Technology”	UGC	Rs. 3,91,000/-	-
Dr. M Ramanand a Singh	2008-2010	R & D	The Study of inhibitory effects of eco-friendly plants extract on corrosion of mild steel in acidic medium”.	UGC	Rs. 1,00,000	Magnetic Stirrer, Hydrothermal Vessels Ultrasonicator, Research Centrifuge Hot Air Oven Analytical Balance
Dr. Reena Saxena	2010-2013	R & D	Flow injection online preconcentration with column of newly designed	DST	Rs. 31,82,000	Flame Atomic Absorption Spectrometer, pH Meter,

			chelating resins for metal ions in industrial effluents			Electrical Balance, Computer system with printer, Refrigerator, AC, Vacuum Pump, Double Distillation water plant
	2012 – April 2013	Innovation Project	KMC 102 Phytoremediation of Lead and Zinc Polluted Soil using <i>Helianthus</i> Plant Species: A New Green Technology	DU	Rs. 10,00,000	Electrical Balance, Magnetic Stirrer
	Aug 2015	Interdisciplinary/Innovation Project	To assess the Adsorption Efficiency and Anti-microbial potential of activated Multi-walled Carbon nanotubes for removal of Lead from Water Samples	DU	Sanctioned in Aug 2015	Equipments to be purchased Water Analysis Kit, Computer with Printer, Refrigerator, Peristaltic pump
Dr Geetanjali	2011-2013	R & D	Synthetic Isoalloxazines as model for monoamine oxidase	UGC	Rs. 1,88,400	Nil
Dr M. Ramananda Singh Ram Sunil Kumar	2012-13	Innovation	Analysis of heavy metal content in soils and plants present near the road side and suggest the plants to be grown (near the road side of) in and around Delhi-NCR	DU	Rs. 1,00,000	Double distillation plant, Hot oven
Dr Sunil Kumar Singh	2015-2017	R & D	Carbohydrate-derived Water Soluble Biologically Active Dihydropyridines and Other Heterocycles	UGC	Rs. 6,00,000	To be started
Dr. Rupesh Kumar	2015-2017	R & D	Development of Methodology for the preparation of Polymeric Palladium Nanoparticles	UGC	Rs. 6,00,000	To be started
Dr. Vinod Kumar	2015-2017	R & D		UGC	Rs. 6,00,000	To be started

			Exploration of Nanocrystalline Metal Oxides for Photocatalytic Degradation of Organic Pollutants			
Dr. Rupesh Kumar	2013-2016	R & D	Development of Microbial System in Combination of Metal-Accumulating Plants to Remediate Contaminated Sites.	DST	Rs. 15,76,000	UV-Visible spectrophotometer
Dr. Vinod Kumar	2015-2018	R & D	Band Gap Engineering of Metal oxides Nanocrystals for Photocatalytic Water Splitting	DST	To be started	

18. If any Research Centre / facility recognized by the University developed by the Department:

Common Research Laboratory in the Department of Chemistry.

19. Publications (Summary):

PUBLICATIONS	Number
Number of papers published in peer reviewed journal(national/international by faculty and students)	347
Number of publication listed in International database (For eg. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Science Directory, EBSCO host, etc)	245
Monographs	-
Chapter in books	13
Books edited	4
Books with ISBN/ISSN number with details of publishers	25
Citation index	1950
SNIP	245.86
SJR	115.09
Impact factor	429.90
h-index	73

Publications (Details):

Name	Total Number of papers published	Number of publication listed in International database	Chapter in books	Books with ISBN/ISSN no.	Citation index	SNIP	SJR	Impact factor	h-index
J. L. Sharma	28	16	-	7	296	-	-	45.86	6
F. Kamil	24	24	-	-	10	7.10	5.60	20.74	2
Sudershan Gera	6	6	-	-	39	1.26	1.11	3.55	-
Kalpna Mehrotra	4	3	2	1	4	0.88	1.43	4.50	1
Tazeen Mahmood	5	0	-	-	0	2.04	1.44	3.48	0
Kalpna Bhrara	19	8	-	-	70	29.00	12.0	14.00	3
Rakesh Kumar	32	21	-	7	139	15.38	16.89	38.60	7
Sudipta Ghosh	6	6	-	-	16	2.38	1.85	7.49	2
P. K. Singh	19	17	-	-	63	4.6	2.76	8.24	3
Mamta Sharma	35	8	2	4	41	31.00	6.00	13.00	2
Shalini Nigam	7	7	-	-	21	-	1.76	8.00	2
M. Ramananda Singh	5	5	-	-	63	1.49	0.89	3.26	4
Reena Saxena	22	22	1	-	388	9.16	9.16	33.52	6
Geetanjali Pandey	28	27	6	7	224	-	-	-	7
Shokip Tumtin	5	4	-	-	16	2.05	1.33	2.90	2
Kiran	4	4	-	-	1	1.97	1.84	5.60	1
Rupesh Kumar	13	13	-	-	-	-	-	35.27	-
Shalini Baxi	1	1	-	1	1	-	-	2.58	1
Priyanka Jhahariya	5	5	-	-	8	2.51	1.80	5.30	2
Palashjyoti Das	2	2	-	-	3	-	0.69	4.57	1
Vinod Kumar	8	8	-	-	96	-	-	-	-
Sunil Kumar Singh	14	-	-	-	79	-	-	-	5
Akhilesh Bharti	13	13	-	-	35	11.0	7.00	28.00	4
Sarika Tejasvi	1	-	-	-	-	-	-	-	-
Upasana Issar	4	3	-	-	3	2.80	1.20	2.50	1
Shashwat Malhotra	23	23	1	-	176	25.0	31.1	102.7	7
Kalyanjyoti Deori	6	6	-	-	68	-	-	43.00	4
Bhagat Singh Bhakuni	10	10	-	-	232	110	12	35	8

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Dr. Kalpana Bhrara

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Dr. M. Ramananda Singh**List of Publications:**

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Dr. Shalini Nigam

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Dr. Reena Saxena

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Dr. Rupesh Kumar

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Dr. Sunil Kumar Singh

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Dr. Shalini Baxi**List of Publications:**

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Dr. Kiran**List of Publications:**

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Dr. Vinod Kumar**List of Publications:**

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Dr Akhilesh Bharti**List of Publications:**

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Dr. Upasana Issar

List of Publications:

- Issar Upasana, Kumari Tripti & Rita Kakkar, *Journal of Computational Science*, Assessment of Molecular Binding of Hoechst 33258 Analogues into DNA Using Docking and MM/GBSA Approach, May 2015, Accepted (in press).
- Kumari Tripti, Issar Upasana & Kakkar Rita, *Current Computer-Aided Drug Design*, Docking modes of BB-3497 into the PDF active site- a comparison of the pure MM and QM/MM based docking strategies, Volume 10, Issue number 4, 2014, pg 315-326.
- Issar Upasana, Kakkar Rita. *International Review of Biophysical Chemistry (IREBIC)*, DNA Minor Groove Binder Hoechst 33258 and its Analogues: A Review, February 2013 (Vol. 4 N. 1) pp 49-66.

4. Batra Prinka, Gaba Ritu, Issar Upasana & Kakkar Rita. Journal of Theoretical Chemistry, Structures and Stabilities of Alkaline Earth Metal Oxide Nanoclusters: A DFT Study, July 2013, Volume 2013, Article ID 720794, 14 pages.

Dr. Kalyanjyoti Deori:**Patent:**

1. Basudeb Saha, Sasanka Deka, Dinesh Gupta and **Kalyanjyoti Deori**, “A Process for Producing Aromatic Carboxylic Acids by Oxidation of Methyl Arenes”, Indian Patent Application No. 1346/DEL/2013 dated 7th May 2013, Publication Date: 12/12/2014.

List of Publications:

1. Kalyanjyoti Deori, Dinesh Gupta, Basudeb Saha, Satish K. Awasthi and Sasanka Deka, “Introducing Nanocrystalline CeO₂ as Heterogeneous Environmental Friendly Catalyst for the Aerobic Oxidation of Para-xylene to Terephthalic Acid in Water”, J. Mater. Chem. A, 2013, 1, 7091–7099. (Impact factor: 7.443)
2. Kalyanjyoti Deori and Sasanka Deka, “Morphology oriented surfactant dependent CoO and reaction time dependent Co₃O₄ nanocrystals from single synthesis method and their optical and magnetic properties”, CrystEngComm, 2013, 15, 8465-8474. (Impact factor: 4.034)
3. Kalyanjyoti Deori, Sanjeev Kumar Ujjain, Raj Kishore Sharma and Sasanka Deka, “Morphology controlled synthesis of nanoporous Co₃O₄ nanostructures and their charge storage characteristics in supercapacitors”, ACS Appl. Mater. Interfaces, 2013, 5, 10665-10672. (Impact factor: 6.723)
4. Kalyanjyoti Deori, Dinesh Gupta, Basudeb Saha and Sasanka Deka, “Design of 3-dimensionally self-assembled CeO₂ nanocube as a breakthrough catalyst for efficient alkylarene oxidation in water”, ACS Catal., 2014, 4, 3169–3179. (Impact factor: 9.312)
5. Kalyanjyoti Deori, Chinmoy Kalita and Sasanka Deka, “(100) surface exposed CeO₂ Nanocube as Efficient Heterogeneous Catalyst in Tandem Oxidation of Benzyl Alcohol, para-Chlorobenzyl Alcohol and Toluene to Corresponding Aldehydes Selectively”, J. Mater. Chem. A, 2015, 3, 6909–6920. (Impact factor: 7.443)
6. Priya Kush, Kalyanjyoti Deori, Anup Kumar and Sasanka Deka, “Efficient Hydrogen/Oxygen Evolution and Photocatalytic Dye Degradation and Reduction of Aqueous Cr(VI) by Surfactant Free Hydrophilic Cu₂ZnSnS₄ Nanoparticles”, J. Mater. Chem. A, 2015, 3, 8098–8106 (Impact factor: 7.443)

Dr. Shashwat Malhotra**List of Publications:**

1. Anti-Inflammatory and Antioxidant Properties of Piper Species: A Perspective from Screening to Molecular Mechanisms. Sarvesh Kumar, Shashwat Malhotra, Ashok K. Prasad, Erik V. Van der Eycken, Marc E. Bracke, William G. Stetler-Stevenson, Virinder S. Parmar and Balaram Ghosh. Current Topics in Medicinal Chemistry, 2015, 15, 886-893 (Bentham Science Publishers, Impact factor: 3.4) ISSN: 0973-0532.
2. Micro-/nanogels with labile crosslinks—from synthesis to biomedical applications. Xuejiao Zhang, Shashwat Malhotra, Maria Molina, Rainer Haag. Chem.Soc.Rev. 2015, 44, 1948-1973 (RSc, Impact factor: 33.4) ISSN 0306-0012.
3. Cascade N-alkylation/hemiacetalization for facile construction of the spiroketal skeleton of acortatarin alkaloids with therapeutic potentiality in diabetic

- nephropathy. Pei Cao, Zhen-Jie Li, Wen-Wu Sun, Shashwat Malhotra, Yuan-Liang Ma, Bin Wu, Virinder S. Parmar. *Nat. Prod. Bioprospect.* 2015, 5, 37-45. (Springer, Impact factor: not yet released).
4. Dendritic molecules as additives in breath figures: role of the molecular characteristics on the pore morphology. A.S. De León, Shashwat Malhotra, M. Molina, M. Calderón, R. Haag, J. Rodríguez-Hernández and A. Muñoz-Bonilla. *Journal of Colloid and Interface Science*, 2015, 440, 263–271 (Elsevier, Impact factor: 3.4) Online ISSN: 0021-9797.
 5. Modifications of cell signalling and redox balance by targeting protein acetylation using natural and engineered molecules: Implications in cancer therapy. Kavya Venkateswaran, Amit Verma, Anant N Bhatt, Paban Agrawala, Hanumantharao G Raj, Shashwat Malhotra, Ashok K. Prasad, Marc E. Bracke, Luciano Saso, Virinder S. Parmar, Anju Shrivastava and B.S. Dwarakanath. *Current trends in Medicinal Chemistry*, 2014, 14, 2495-507 (Bentham Science Publishers, Impact factor: 3.4) ISSN: 0973-0532.
 6. Dendritic polyglycerol cyclodextrin amphiphiles and their self-assembled architectures to transport hydrophobic guest molecules. Ana Campo Rodrigo, Shashwat Malhotra, Christoph Böttcher, Mohsen Adeli, and Rainer Haag. *RSC Advances*, 2014, 4, 61656-61659 (RSC, Impact factor: 3.8) ISSN 2046-2069. (! = equal contributions)
 7. Non-viral gene delivery with dendritic architecture. Ariane Tschiche, Shashwat Malhotra, and Rainer Haag. *Nanomedicine* 2014, 9, 667-693 (Future Science group, Impact factor: 5.4) ISSN: 1549-9634.
 8. DFT/B3LYP calculated bond-dissociation enthalpies, and radical-scavenging and antioxidant activities of natural-like coumarins. Silvia E. Angelova, Adriana Slavova-Kazakova, Luciano Saso, Shashwat Malhotra, Ashok K. Prasad, Marc E. Bracke, Virinder S. Parmar and Vessela D. Kancheva. *Bulgarian Chemical Communications*, 2014, 46, 187-195 (Bulgarian academy of sciences, Impact factor: 0.32) ISSN: 0324-1130.
 9. Dynamics of electron injection into ZnO nanorods from a covalently coupled organic Förster resonant energy transfer system. Robert Schütz, Shashwat Malhotra, Inara Thomas, Christian Strothkämper, Andreas Bartelt, Klaus Schwarzburg, Thomas Hannappel, Carlo Fastang, and Rainer Eichberger. *Journal of Physical Chemistry C*, 2014, 118, 9336-9345 (ACS, Impact factor: 4.8) Online ISSN: 1932-7447. (! = equal contributions)
 10. Polyglycerol-Based Amphiphilic Dendrons as Potential siRNA Carriers for In Vivo Applications Ariane Tschiche, Anna M. Staedtler, Shashwat Malhotra, Hannah Bauer, Christoph Böttcher, Soroush Sharbati, Marcelo Calderón, Markus Koch, Thomas M. Zollner, Anna Barnard, David K. Smith, Ralf Einspanier, Nicole Schmidt, Rainer Haag. *Journal of Material Chemistry B*, 2014, 2, 2153-2167 (RSC, Impact factor: 4.7) ISSN 2050-7526. (! = equal contributions)
 11. Investigations of Host-Guest Interactions with Nonionic Dendritic Amphiphiles. Rahul Tyagi, Shashwat Malhotra, Amir Sedighi, Marcus Weber, Andreas Schäfer, Andreas Thunemann, Rainer Haag. *Journal of Physical Chemistry C*, 2013, 117, 12307-12317. (American chemical society, ACS, Impact factor: 4.8) ISSN 1932-7447.
 12. Dendrimers and hyperbranched polymers in medicine. S. Malhotra and R. Haag. *Hyperbranched, Star, and Dendritic Polymers*, eds. Dieter Schlüter, Anzar Khan for the *Encyclopedia of Polymeric Nanomaterials*, eds. Shiro Kobayashi, Klaus Müllen, Springer Verlag, published online 2013, DOI 10.1007/978-3-642-36199-9_17-4.

13. Design, synthesis and biological activity evaluation of regioisomeric spiro-(indoline-isoxazolidines) on the inhibition of TNF- α induced ICAM-1 expression on Human endothelial cells. Shashwat Malhotra, Sakshi Balwani, Ashish Dhawan, Raunak, Brajendra K. Singh, Carl E. Olsen, Ashok K. Prasad, Virinder S. Parmar and Balam Ghosh. *Medicinal Chemistry Communication*, 2012, 3, 1536-1547. (Royal society of chemistry, UK, Impact factor: 2.5) ISSN 2040-2503.
14. Glycine-terminated dendritic amphiphiles for non-viral gene delivery. Shashwat Malhotra, Hannah Bauer, Ariane Tschiche, Andreas Mohr, Marcelo Calderon, Virinder S. Parmar, Lena Hoeke, Soroush Sharbati, Ralf Einspanier and Rainer Haag. *Biomacromolecules*, 2012, 13, 3087-3098. (American chemical society, ACS, Impact factor: 5.8) [ISSN 1525-7797](#).
15. Arylalkyl ketones, benzophenones, desoxybenzoin and chalcones inhibit TNF- α induced expression of ICAM-1 on human endothelial cells: Structure-activity analysis Sarvesh Kumar, Chandra Shekhar Reddy L, Amit Kumar, Brajendra K. Singh, Vineet Kumar, Shashwat Malhotra, Mukesh K. Pandey, Rajni Jain, Rajesh Thimmulappa, Sunil K. Sharma, Ashok K. Prasad, Shyam Biswal, Erik Van der Eycken, Anthony L. DePass, Sanjay V. Malhotra, Balam Ghosh and Virinder S. Parmar. *Archiv der Pharmazie: Chem. Life Sci.* 2012, 345, 368-377. (Wiley-VCH, Impact factor: 1.4) online ISSN: 1521-4184.
16. Novel Natural Product-based Cinnamates and their Thio & Thiono analogs as Potent Inhibitors of Cell Adhesion Molecules on Human Endothelial Cells. Sarvesh Kumar, Brajendra K. Singh, Pragya Arya, Shashwat Malhotra, Rajesh Thimmulappa, Ashok K. Prasad, Erik Van der Eycken, Carl E Olsen, Anthony L. DePass, Shyam Biswal, Virinder S. Parmar and Balam Ghosh. *European journal of medicinal chemistry*. 2011, 46, 5498-5511. (Elsevier, Impact factor: 3.4) ISSN: 0223-5234.
17. Synthesis and biological activity evaluation of N-protected isatin derivatives as inhibitors of ICAM-1 expression on human endothelial cells. Shashwat Malhotra, Sakshi Balwani, Ashish Dhawan, Brajendra K. Singh, Sarvesh Kumar, Rajesh Thimmulappa, Shyam Biswal, Ashok K. Prasad, Balam Ghosh and Virinder S. Parmar. *Medicinal Chemistry Communication*, 2011, 2, 743-751. (Royal society of chemistry, UK, Impact factor: 2.5) ISSN 2040-2503.
18. Structure-activity relationship of dihydroxycoumarins as antioxidants: Correlation between experimental & theoretical data and synergistic effect. Vessela D. Kancheva, Luciano Saso, Petya V. Boranova, Mukesh K. Pandey, Shashwat Malhotra, Jordan Z. Nechev, Ashok K. Prasad, Maya B. Georgieva, Anthony L. DePass and Virinder S. Parmar. *Biochimie*, 2010, 92, 1089-1100. (Elsevier, Impact factor: 3.0) ISSN: 0300-9084
19. Novel chemoenzymatic methodology for the regioselective glycine loading on polyhydroxy compounds. Shashwat Malhotra, Marcelo Calderon, Ashok K. Prasad, Virinder S. Parmar and Rainer Haag. *Organic and Biomolecular Chemistry*, 2010, 8, 2228-2237. (Royal society of chemistry, UK, Impact factor: 3.6) ISSN 1477-0520.
20. Antioxidant, Antiinflammatory and Antiinvasive Activities of Biopolyphenolics. Shashwat Malhotra, Gaurav Shakya, Ajit Kumar, Barbara W. Vanhoecke, Ashok L. Cholli, Hanumantharao G. Raj, Luciano Saso, Balam Ghosh, Marc E. Bracke, Ashok K. Prasad, Shyam Biswal, and Virinder S. Parmar. *Arkivoc*, 2008, (vi), 119-139. (Arkivoc-USA, Impact factor: 1.2) ISSN: 1551-7004.
21. Synthesis and characterization of photoactive amphiphilic polymers. R Tyagi, MK Pandey, Shashwat Malhotra, R Kumar, J Kumar, VS Parmar and AC Watterson.

- Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, 2007, 44, 1283-1287. (Taylor and Francis, Impact factor: 0.9) ISSN 1060-1325 (Print), 1520-5738 (Online)
22. Calreticulin Transacetylase (CRTAase): Identifications of novel substrates and CRTAase mediated modification of protein kinase C activity in lymphocytes of asthmatic patients by polyphenolic acetates. Ruchika Gulati, Ajit Kumar, Seema Bansal, Yogesh K. Tyagi, Tapesh Tyagi, Prija Ponnann, Shashwat Malhotra, Sapan K. Jain, Surendra K. Bansal, Hanumantharao G. Raj, Bilikere S. Dwarkanath, Nebo K Chaduhary, Anjana Vij, Vannan K Vijayan, Ramesh C Rastogi and Virinder S. Parmar. Pure and Applied Chemistry, 2007, 79, 729-737. (IUPAC, Impact factor: 3.4) ISSN electronic 1365-3075.
23. 'Green' methodology for efficient and selective benzylation of nucleosides using benzoyl cyanide in an ionic liquid. Ashok K. Prasad, Vineet Kumar, Shashwat Malhotra, Vasulinga T. Ravikumar, Yogesh S. Sanghvi and Virinder S. Parmar. Bioorganic & Medicinal Chemistry, 2005, 13, 4467-4472. (Elsevier, Impact factor: 2.9) ISSN: 0968-0896.

Dr. Bhagat Singh Bhakuni

List of Publications:

1. Bhakuni, B. S.; Yadav, A.; Kumar, S.; Patel, S.; Sharma, S.; Kumar, S. "KOtBu-Mediated Synthesis of Dimethylisoindolin-1-ones and Dimethyl-5-phenylisoindolin-1-ones: Selective C-C Coupling of Unreactive tert-sp³ C-H Bond" The Journal of Organic Chemistry 2014, 79, 2944. This work highlighted in SYNFACTS
2. Bhakuni, B. S.; Kumar, A.; Balkrishna, S. J.; Sheikh, J. A.; Konar, S.; Kumar, S. "KOtBu Mediated Synthesis of Phenanthridinones and Dibenzazepinones" Organic Letters, 2012, 14, 2838. Highlighted in reviews Chemical Reviews, Chemistry European journal Reviews, RSC Advances Reviews
3. Bhakuni, B. S.; Balkrishna, S. J.; Kumar, A. Kumar S. "An Efficient Copper Mediated Synthetic Methodology for Benzo[d]isothiazol-3(2H)-ones and Related Sulfur-Nitrogen Heterocycles" Tetrahedron Letters, 2012, 53, 1354.
4. Bhakuni, B. S.; Shrimali, K.; Kumar, A.; Kumar S. "Potassium tert-butoxide Mediated Synthesis of Phenanthridinone" Organic Syntheses, 2013, 90, 164.
5. Bhakuni, B. S.; Yadav, A.; Kumar, S.; Kumar, S. "AMVN-Initiated Expedient Synthesis of Biaryls by the coupling reaction Unactivated Arenes and Heteroarenes with Aryl Iodide" New Journal of Chemistry, 2014, 38, 827.
6. Balkrishna, S. J.; Bhakuni, B. S.; Chopra, D.; Kumar S. "Cu-Catalyzed Efficient Synthetic Methodology for Ebselen and Related Se-N Heterocycles" Organic Letters, 2010, 12, 5394.
7. Balkrishna, S. J.; Bhakuni, B.S.; Kumar S. "Copper Catalyzed/Mediated Synthetic Methodology for Ebselen and Related Isoselenazolones" Tetrahedron, 2011, 67, 9565.
8. Kumar, A.; Bhakuni, B. S.; Prasad, D. C.; Kumar, S.; Kumar, S. "Potassium tert-Butoxide Mediated Synthesis of Unsymmetrical Diaryl Ethers, Sulfides, and Selenides from Aryl Bromides" Tetrahedron, 2013, 69, 6383.
9. Prasad, C. D.; Balkrishna, S. J.; Kumar, A.; Bhakuni, B. S.; Shrimali, K.; Biswas, S.; Kumar, S. "Transition Metal Free Synthesis of Unsymmetrical Diaryl Chalcogenides from Arenes and Diaryl Dichalcogenides" The Journal of Organic Chemistry, 2013, 78, 1434.
10. Balkrishna, S. J.; Kumar, S.; Azad, G. K.; Bhakuni, B. S.; Panini, P.; Ahalawat, N.; Tomar, R. S.; Detty, M. R.; Kumar, S. "An Ebselen like Catalyst with Enhanced

GPx Activity via Selenol Intermediate" Organic & Biomolecular Chemistry, 2014, 4, 11535.

Dr. Sarika Tejasvi

List of Publications:

- Gupta, Vikal; Tejasvi, Sarika; Manisha & Veena, 'Synthesis and analytical Application of new Chelating Resins of Tamarind (TTSA and TTAPA), J. Ind. Council Chem., Vol 23.(2), 2006, pp35-39.

20. Areas of a) consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any: NA

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board:

Dr. J L Sharma	1. Chairman: Petrotech Society of India, Delhi-NCR Chapter. 2. Vice Chairman: Indian Society of Analytical Scientists (ISAS-DC).
Dr Kalpana Bhrara	1. Life Membership: Indian Science Congress Association (ISCA), Indian Society of Analytical Scientists (ISAS), Association of Chemistry Teachers (ACT) and Society for Advancement of Electrochemical Science and Technology (SAEST) 2. Member of Editorial Board: Indian Surface Finishing, International Journal of Nano Corrosion Science and Engineering.
Dr Reena Saxena	1. Life Membership: Indian Society of Analytical Scientists (ISAS) 2. Member of Royal Society of Chemistry (Membership ID: 545436) 3. Reviewed several international journals like Analytical Methods, RSC Advances, Royal Society of Chemistry, Separation Science and Technology, International Journal of Environment Analytical Chemistry and Analytical Letters, Taylor and Francis.
Dr. Geetanjali	1. International Journal of Chemical Research: Advisory Board Member (2013-2016). 2. Research Journal of Chemical Sciences: Editorial Board Member (2012 – cont).
Dr Rupesh Kumar	Reviewed research papers in several journals including Asian Journal of Chemistry, Spectrochimica Acta Part: Molecular and Biomolecular Spectroscopy, High Performance Polymers, Journal of Heterocyclic Chemistry, Journal of Applied Polymer Science, Spectroscopy Letters, the International Journal of Applied Ceramic Technology, European Journal of Medicinal Chemistry.
Dr. Sunil K. Singh	1. Member of Biotech Research Society of India. 2. Reviewed several international journals including Synthetic Communications, Journal of Taibah University for Sciences and Medicinal Chemistry Research.
Dr. Kalyanjyoti Deori	1. Editorial member of Nano Research and Applications (iMedPub Journal, USA) 2. Reviewer, ChemSusChem (Wiley Journal) 3. Reviewer, ChemCatChem (Wiley Journal)

22. Student projects:

	Percentage of Students
In-house projects including inter departmental/programme	5%
Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	5-10%

23. (a) Awards/ Recognitions received by faculty:

Dr Kalpana Bhrara	Recipient of "Dr. S. Radhakrishnan Award", 2012
Dr Kalpana Mehrotra	Best Teacher Award from university of Delhi
Dr. Vinod Kumar	<p>1. Multifunctional properties of (Er, F) codoped SnO₂ nanocrystals obtained by one pot synthesis" Vinod Kumar, S. Uma, R. Nagarajan* Interdisciplinary Symposium of Materials Chemistry (ISMC-2012) held at Bhabha Atomic Research Center (BARC), Mumbai, December 2012. Third Best Poster Award</p> <p>2014 2. "Novel lithium containing mixed metal oxides with honeycomb structures" poster presented in Interdisciplinary Symposium of Materials Chemistry held at Bhabha Atomic Research Center (BARC), Mumbai, December 2012. Third Best Poster Award</p> <p>2012 3. "Investigation of the synthesis, structure and photocatalytic applications of anion incorporated layered oxides" poster presented in International Symposium of Materials Chemistry held at Bhabha Atomic Research Center (BARC), Mumbai, December 2010. Third Best Poster Award 2010</p>
Dr. Mamta Sharma	<ul style="list-style-type: none"> Best Display Award Antardhwani – 2015 Honored by All India Foundation For Peace and Disaster Management for Environmental Management Awareness
Dr. Geetanjali	<ul style="list-style-type: none"> Best display Award Antardhwani – 2015 for the project KMC-204. Member of the jury to evaluate the projects submitted by the school students under DST-INSPIRE scheme, 2013 onwards.
Dr. Shashwat Malhotra	<ul style="list-style-type: none"> Awarded Senior Research Associateship under the CSIR-Pool, India Scheme in Jan-2015. Awarded "Ploy4bio" fellowship during the post-doctoral stay in Freie Universitat, Berlin (2010-13) Won the third best poster award in "International Conference On trends in drug discovery and drug development" (2010) organized by Department of Chemistry, University of Delhi, Delhi.
DR. Kalayan Jyoti Deori	Received International Travel Award from Science and Engineering Research Board (SERB) (A Statutory body under Department of Science & Technology, Government of India) for attending a conference named "International Conference on Nanotechnology, Nanomaterials & Thin

<p>Films for Energy Applications (NANOENERGY-2014)" held in University College London, UK, during 19-21 Feb 2014.</p> <p>Received Best Poster Award in DAE-BRNS 4th Interdisciplinary Symposium on Material Chemistry (ISMC-2012), Bhaba Atomic Research Centre (BARC), Mumbai, India, 11-15 December, 2012.</p> <p>Received Best Poster Award by SciFinder in National conference on "New Advances and Horizons in Nanoscience and Nanotechnology" (NanoSci-2014), Institute of Advanced Study in Science and Technology (IASST, DST), Guwahati, India, 20-21 December, 2014.</p>

23. (b) Awards/ Recognitions received by students:

Year of Award	Name	Course	Part/Year	Position in University
2011-12	Sunita Gulia	M.Sc. Chemistry	Previous	1 st
2011-12	Megha Karki	M.Sc. Chemistry	Previous	3 rd
2013-14	Shilpi Nagpal	M.Sc. Chemistry	Previous	1 st
2011-12	Vinita Arora	M.Sc. Chemistry	Final	1 st
2010-11	Rushika Rastogi	B.Sc. (Prog.) Anal.Chemistry	II	1 st
2010-11	Gargi Joshi	B.Sc. (Prog.) Anal.Chemistry	I	1 st

24. List of eminent academicians and scientists / visitors to the department:

Year	Name of the Scientist	Title of the Lecture
2009	Professor Surender Nath, Department of Anthrologt, University of Delhi	Career Options in Forensic Science
2009	Dr. A. K. Mishra, Joint Director, INMAS, Delhi	Applications of Imaging Sciences in Cancer
2009	Dr. A. K. Aggrawal, Former Head, Department of Chemical Metrology, National Physics Laboratory, Delhi	Chemical Metrology & Traceability
2011	Professor N. R. Jagannathan, Head, MRI division, AIIMS, DELHI	Role of NMR in Medicine
2011	Dr. V. Balram, Head Geochemistry Division, NGRI, Hyderabad	-
2011	Professor Vishwajeet Kundu, IIT Delhi	-
2011	Professor R. K. Saxena, department of Microbiology, South Campus, University of Delhi	-
2011	Professor D. N. Rao, Department of Biochemistry, AIIMS, Delhi	-
2011	Dr. Kailash N. Sawhney, Senior Research Scientist, Nalco Energy Services, U.S. Based company	-
2013	Dr. G. S. Sondhi, Khalsa College, University of Delhi	Forensic Science as a career
2014	Dr Shashank Deep, Department of Chemistry, IIT Delhi	Applications of Physical Chemistry to the process related of Life Scinces

2014	Dr. M. Thirumal, Department of Chemistry, University of Delhi	Ceramics the world we live in
2014	Professor Shrikant Kukureti, Department of Chemistry, University of Delhi	60 years of DNA structure: A Helical Journey
2014	Professor R. Nagrajan, department of Chemistry, University of Delhi	Role of material chemistry in the modern day world
2015	Professor A. Ramanan, Head Department of Chemistry, IIT Delhi	Exploring the worlds of Material-Crystallography Matters
2015	Professor, Dowan S. Rawat, Department of Chemistry, University of Delhi	Drug Development
2015	Professor J. M. Khurana, Dean Student welfare, University of Delhi	Chemistry of Food
2015	Dr. G. S. Sondhi, Khalsa College, University of Delhi	Importance of Forensic Sciences in mitigating crime
2015	Professor Monica Datta, Department of Chemistry, University of Delhi	Beauty of naturally occurring silicates

25. Seminars/ Conferences /Workshops organized & the source of funding a) National, b) International:

Year	National / International	Title of the Symposium /Seminar / Workshop	Organizers
2011	National Seminar	Role of Analytical Techniques in Biological and Environmental Sciences (27-29 January, 2011) at Conference Centre, University of Delhi	Jointly organized by Department of Chemistry, KM College and Indian Society of Analytical Scientists, delhi Chapter (ISAS-DC) in Association with Petrotech Society, India
2013	National Workshop	Series of lectures were held for the benefit of undergraduate students	Jointly organized by Department of Chemistry, KM College and Indian Society of Analytical Scientists, Delhi Chapter (ISAS-DC) in Association with Petrotech Society, India

26. Student profile programme/course wise:

Name of the Course: B.Sc.(Hons) Chemistry	Applications received	Selected	Enrolled		Pass Percentage**
			*M	*F	
2011-12	-	406	240	166	-
2012-13	-	347	215	132	-
2013-14	-	385	275	110	-

2014-15	-	-	-	-	-
2015-16	-	417	315	102	-

*M = Male *F = Female

** Refer to Section 5.2.2

27. Diversity of Students: No documentation

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Approximately 10-15 have cleared national and State competitive examinations, in the last 4 years. (Year wise data will be recorded in future.)

29. Student Progression:

Approx. 20% of the student pursue postgraduation in various fields.

30. Details of Infrastructural facilities

a. Library

Year	Number of Books added to relating to Chemistry (College Library)	Amount Spent on New Books
2011-12	288	Rs. 1,18,750/-
2012-13	161	Rs. 1,19,910/-
2013-14	147	Rs. 87,791/-
2014-15	298	Rs. 1,45,371/-

b. Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c. Class rooms with ICT facility:

The Lecture Theatres of the Chemistry Department are equipped with LCD Projectors to facilitate presentations and aid teaching- learning process.

d. Laboratories:

The Laboratories of Chemistry Department are also equipped with LCD Projectors to aid teaching- learning process. All the laboratories are full of the requisite number of the Chemicals and glassware and to assist them there are two stores supervised by two senior most lab staff. The Labs are equipped with safety measures like fire extinguishers, safety manual, exhaust fans

31. Number of students receiving financial assistance from college, university, government or other agencies:

Year	Fee Concession	Scholarships
2011-12	-	More than 50
2012-13	-	More than 50
2013-14	-	More than 50

2014-15	-	More than 50
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32. Details on student enrichment programmes:

- In collaboration with YouWeCAN, department organized a 'Cancer awareness programme' in 2015.
- Contech: Test conducted for all B.Sc. (H) Chemistry students by BARC (Bhaba Atomic Research Centre), Mumbai in 2015.

33. Teaching methods adopted to improve student learning:

- Classroom interaction for better understanding of the concepts and problem solving.
- Use of projectors for teaching theory and practical problems and for students to deliver presentations as part of their curriculum.
- Students are given projects of topics concerning the subject so as to increase their understanding of subject.
- Use of case studies so as to give them a view of related theoretical knowledge with its application in industry and real domain.
- Use of software platform in the form of programs or available computer packages to analyze and interprets data.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC/NSS/Social awareness programmes etc.

Active participation in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat)

Strength:

- The Department of Chemistry is one of the finest departments of the College having a big team of highly dedicated faculty members. The collective effort of the student and teacher is reflected in the form of good University results.
- At the same time every attempt is made to ensure that the student not only gets the academic support but also much needed socio-psychological support. The department undertakes all its activities through different committees specially constituted by the Chemistry staff council. At the same time department involves students at all the curricular, extra-curricular activities.
- The department has produced many Academicians, Researchers, Professors and Principals who have served the Delhi University, Country and abroad.

Weakness:

- Big department but infrastructure not sufficient.
- Space crunch in the department

Opportunity:

- To the faculty to interact and collaborate with the other departments for research and project purpose.
- To offer short term courses in the fields of applied sciences

Threat:

- The lack of the interest of the students in sciences.

- Competitive institutes offering coaching so students attendance is meager.

b) Future plans:

- Create fully furnished research centres with collaboration with other disciplines and institutions.
- We have plans to organize workshop/ seminars/ special lectures in collaboration with other colleges and institutes.
- Create a database of Alumni of the department.
- Department is going to organize a National Level Seminar in the month of February 2016 with participation of speakers from across the Country.

Department of Commerce

1. Name of the Department: Commerce

2. Year of Establishment: 1954

3. Names of the Programmes offered:

B.Com (Honours)

B.Com (Programme)

4. Names of Interdisciplinary courses and the departments/units involved

- We are offering for students of other departments the General Elective Course on Micro Economics and Macro Economics
- Our students are studying interdisciplinary courses from the Departments of English, Mathematics, Political Science, Philosophy and Zoology.

5. Annual/semester/choice based credit system (CBCS) (programme wise):

CBCS - B.Com-I Year

Semester System- B.Com - II Year

Erstwhile FYUP- B.Com - III Year

6. Participation of the department in the courses offered by other Departments:

Please refer to answer number 4 above.

7. Courses in collaboration with other Universities: Nil.

8. Details of Courses/Programmes discontinued	Reasons for Discontinuation
Discontinuation of Annual Mode w.e.f. 2011-12	University of Delhi discontinued it
Three year Semester Programme was discontinued in 2013-2014	University of Delhi replaced it with FYUP
Discontinuation of FYUP in 2014-15	University of Delhi replaced it with three year semester programme
3 year semester programme discontinued in 2015-16	University of Delhi replaced it with CBCS

9. Number of teaching posts

Teaching Post	Sanctioned	Filled
Associate Professors	4	4
Asst. Professor	10	1 (permanent)+ 10(adhoc)

10. Faculty Profile:

Name	Qualification	Designation	Specialization	No. of Years of Experience
J.P. Mahajan	M.Com	Associate professor	Marketing, HRM, General Management	42 years
DR. S.P.Gupta	DCL, Ph.D, M.Phil., M.Com	Associate professor	Finance	40 years
Dr. Uma Sharma	M.Com Ph.D	Associate professor	Management Corporate Laws	33.5 years
Dr. Seema Joshi	M.A,(Eco), M.Phil,Ph.D, Sir Ratan Tata Post Doctoral Senior Fellow	Associate professor	Development Economics, Service Sector	21 Years
Dr. Pushpender Kumar	Ph.D	Assistant Professor	International Business	14 years
Sahaj Wadhwa (Ad hoc)	M.Com	Assistant Professor	Finance	4 years, 9 months
Gurjinder Singh (Ad hoc)	M.Com M.B.A.	Assistant Professor	Finance	6 years
Nishita Gupta (Ad hoc)	M.Com	Assistant Professor	Taxation	3 years, 1 month
Manisha (Ad hoc)	M.Com	Assistant Professor	Finance, Accounting	3 years, 1 month
Ravindra Singh (Ad hoc)	M.Com	Assistant Professor	Finance, Accounting Taxation	1 year
Meenu (Ad hoc)	M.Com	Assistant Professor	Finance	06 Months
Vipin Kumar (Ad hoc)	M.Com	Assistant Professor	Finance, Computer	06 Months
Leena Devi (Ad hoc)	M.Com M.Phil	Assistant Professor	Marketing	01 year
Shankar Jyoti Doley (Ad hoc)	M.Com	Assistant Professor	Finance	04 months
Chandan Kumar Singh (Ad hoc)	M.Com	Assistant Professor	Finance , Taxation	2 years

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty:

In B.Com (Hons.) and B.Com (Program) courses taken together, adhoc faculty has been delivering 66% of the lectures and 100% of practical classes are being taken by them.

13. Students-Teacher Ratio (Programme wise):

The student teacher ratio is 25:1

14. Number of academic support staff (technical) staff: Nil**15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:**

Qualification of Teaching Faculty with Degrees	No of Faculty members
M.Com/MBA	10
M.Phil	01
Ph.D	04
Post Doctorate*	01

Note: * Dr. Seema Joshi was Sir Ratan Tata Senior Fellow at Institute of Economic Growth in 2007-08.

16. If any ongoing projects from a) National b) International funding agencies and grants received. Nil**17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:**

Name of the Teacher	Year	Nature of the Project	Project Name	Name of the funding agency	Total grant received	Equipments purchased for the Project
	2013-14	DU Innovation Project	Understanding the desertification and related socio-economic scenario of national capital region of "Delhi	D.U.	Rs. 6,00,000	GPS Location Camera
Ram Sunil Kumar L	2013-14	DU Innovation Project	Traditional Knowledge and Sustainable development in Tehri area	D.U.	Rs. 150000	

18. If any Research Centre / facility recognized by the University developed by the Department: Nil**19. Publications (Summary):**

Name of faculty	Research Publications (International journals)	Research Publications (National)	Paper in e-journal	Book Published	Chapter in edited books/ text Books/ book Reviews	Seminar/ Conference Presentation	Monographs	Citation of works*
Dr. J.P. Mahajan	-	-	-	3	-	-	-	-
Dr. S.P. Gupta	-	-	-	2	-	-	-	-
Dr. Seema Joshi	07	12	01	2	12	26 03)	01 + 04 working papers	121
Dr. Pushpender Kumar		5						
Sahaj Wadhwa	-	7	-	-		-	-	-
Gurjinder Singh		4	-	-	2	3	-	-
Nishita Gupta	3	2	-	1	-	-	-	-
Manisha	3	-	-	-	-	-	-	-
Ravindra Singh	5	-	-	-	-	-	-	-
Meenu	-	6	-	-	-	-	-	-
Vipin Kumar	-	2	-	-	-	-	-	-
Chandan Kumar Singh		2						

* Information about citation of works collected from the Google scholar.
https://scholar.google.co.in/scholar?start=50&q=seema+joshi+tertiary+sector&hl=en&as_sdt=0,5 (last accessed September 23, 2015)

Publications (Detail):

J. P. Mahajan

Books:

1. Marketing Management, Vikas Publishing House Pvt. Ltd.; Noida, U.P. ISBN No.- 978-93259-8662-6
2. Management: Theory and Practice, Ane Books Pvt. Ltd.; New Delhi ISBN No. – 978-93-8061-857-9
3. Human resource Management, Scholar Tech Press ISBN No.-978-93-8220-9683.

Dr. S. P. Gupta

Books:

1. (1977-78), Sales Tax (Book) Sri Mahavir Book Depot
2. (1977-78), Bikri kar Sri Mahavir Book Depot

Dr. Seema Joshi

List of Publications:

1. (2015), Service Sector Statistics in India- Problems and Way Forward World Journal of Science, Technology and Sustainable Development, Vol.12, Issue 2,pp.148-154. ISSN: 2042-5945
2. (2014), State of knowledge Intensive Business Services in India, pp.271-281 World Journal of Science , Technology and Sustainable Development, Vol 11, Issue 4 ISSN 2042-5945
3. (2012),Role of Higher Education Sector in Changing Service Sector Innovation System, 2012,pp.260 – 272 World Journal of Science, Technology and Sustainable Development(WJSTSD) ISSN 2042-5945
4. (2012), Role of Science and Technology for Agricultural Revival in India, pp.108-119. World Journal of Science, Technology and Sustainable Development (WJSTSD) ISSN 2042-5945
5. (2011),”Two Competing Asian Giants: Some Facts”, pp. 201-215. China Report, Sage Journal ISSN 0009-4455
6. (2011), “Can IT and ITES be an Engine of Growth for India? : An Empirical Analysis” ,pp.265-277. WJSTSD ISSN 2042-5945
7. (2010)“From the ‘Hindu Rate of Growth’ to ‘Unstoppable India’: Has the Services Sector Played a Role ?” ,pp.1299-1312. The Service Industries Journal, Routledge, UK (ISSN 0264-2069).
8. (2008),”Who will be the main Global IT Services Hub: India or China?”, pp.35-55. Asia- Pacific Trade and Investment Review,Bangkok (ISSN : 1815-8897)
9. (2006)“Employment Generation Potential in the Organised Retail Sector in Urban Areas” ,pp. Nagarlok (ISSN 0027-7584)
10. (2006), “From Conventional to New Services: Broadened Scope of Tertiary Sector” ,pp.321-335. Indian Journal of labour Economics (ISSN 0971-7927)
11. (2006), “Impact of Economic Reforms on Social Sector Expenditure in India” ,pp.358-365. Economic and Political Weekly, (ISSN 0012-9976)
12. (2005), “Marriage, Migration and Labour Market ---A Case Study of a Slum Area in Delhi”, pp.33-46. Indian Journal of Regional Science (ISSN-0046-9017)
13. (2004), “Human Development and Tertiary Employment in Developing Countries”, pp. 721-730. Indian Journal Of Labour Economics (ISSN 0971-7927)
14. (2004) “Tertiary Sector- Driven Growth in India ----- Impact on Employment and Poverty”, pp. 4175- 4178. Economic and Political Weekly (ISSN 0012-9976)
15. (2003), “Social Sector: Need for Reprioritisation”, pp.19-20. Southern Economist (ISSN 0038-4046)
16. (2005), Marriage,Migration and Labour Market in Slum Areas Nagarlok (ISSN 0027-7584)

17. (2005), "GATS, Indian Services Sector and Trade Potential in Health Services", pp. 192-200 Conference Proceedings -
18. (2007), "The Main Drivers of Services Growth in India in Post Globalisation Period", pp. 943-951 Conference Proceedings
19. (2012), "Indo-Vietnam Growing Strategic and Economic Partnerships : Need for Sustenance", pp. Conference Proceedings
20. (2012), "Vietnam: Why is the Economy not Taking Off? Available on <http://www.ipcs.org/article/southeast-asia/vietnam-why-is-the-economy-not-taking-off-3538.html>

Books:

1. The Service Sector: An Exploration of the Indian Experience. World Association for Sustainable Development, U.K. (ISBN 978-1-907106-26-2)
2. "Growth and Structure of Tertiary Sector in Developing Economies" Academic Foundation, Delhi, 2008 (ISBN 13: 978-81-7188-631-9)

Chapters in edited books :

1. .Joshi ,Seema(2006), "Tertiary Sector in Developing Economies—Its Nature and Relative Growth" in *Productivity and Quality : A Multidisciplinary Perspective*, V.N. Upadhyay et.al.ed., Tata McGraw Hill Publishers, New Delhi. (ISBN 0-07-061079-7)
2. --- (2006) "Economic Reforms and Trends in Social sector Expenditures" in *Human Development*, S.K.Pant (eds.), Rawat Publications, Jaipur. (ISBN 81-316-0046-7)
3. ---(2007) "Gender Discrimination in South Asia" in *Rural Women in South Asia* ,Jaya Arunachalam and U Kalpagam (eds.), Rawat Publications, Jaipur. (ISBN 81-316-0005-5)
- 4.--- (2009),)"Employment Generation Potential in the Organised Retail Sector in Urban Areas" in *India's Development Scenario : Challenges and Prospects*,Y.S.Sisodia (eds.),Rawat Publications,Jaipur. (ISBN 81-316-0208-7)
- 5.---(2009), "The Main Drivers of Services Growth in India in Post Globalisation Period" in *Growth Theory and Globalization of India*. Anil Kumar Thakur and M.S.Kallur (eds.),Deep and Deep Publications,Delhi. (ISBN: 978-81-8450-156).
- 6.---(2010). "The Ageing Societies vis-a-vis the Workforce Bulge: A Window of Opportunity for India" in *Demographics,Employment and Old Age Security : Emerging Trends and Challenges in South Asia*, Moneer Alam and Armando Barrientos (Ed.), Macmillan India, New Delhi.(ISBN 10:0230-33167-X)
- 7.(2010), "Can IT and ITES be an Engine of Growth? An Empirical Analysis", in Allam Ahmed et al (eds.), *World Sustainable Development Outlook,2010*, World Association for Sustainable Development Publishers,U.K..(ISBN 978-1-907106-12-5)
8. (2011), " Application of Science and Technology for Agricultural Revival in India", ", in Allam Ahmed et al (eds.), *World Sustainable Development Outlook,2011*, World Association for Sustainable Development Publishers,U.K..(ISBN 978-1-907106-12-5)
9. (2012), "Changing Service Sector Innovation System of India", World Association for Sustainable Development Publishers,U.K..(ISBN 978-1-907106-12-5)
10. (2013),"What is Youth Bulge Calling for in India ?" *World Sustainable Development Outlook,2013*, World Association for Sustainable Development Publishers,U.K. (forthcoming). (ISBN 978-1-907106-12-
- 11.(2014), "Performance of Knowledge Intensive Business Services (KIBS) in India", World Association for Sustainable Development Publishers,U.K..(ISBN 978-1-907106-12-5).
- 12.(2015), Service Sector Statistics in India- Problems and Way Forward, *World Sustainable Development Outlook,2015,U.K.*

Working Papers Published :

1. Joshi, Seema (2009), "IT and ITES as an Engine of Growth: an Exploration into the Indian Experience", Institute of Economic Growth, Working Series No.E/294/2009.
2. (2011), "Is 'IT Services Hub' of the world becoming an 'e-Junkyard'?", Maastricht School of Management ,Netherlands,Working Paper No 2011/26.
3. (2012), "*Sustainable Development of Higher Education for catalyzing Services-Driven Economic Growth in India*", Maastricht School of Management, Natherlands,Working Paper No 2012/01 .
4. (2012), "'Youth Bulge' :Calling for Higher Public Investment on Child and Youth Development for Greater Future Returns", Maastricht School of Management, Netherlands, Working Paper No 2012/19, September,2012 .

Monograph :

1. Joshi,Seema (2005), "Impact of Economic Reforms on Social Sector Expenditure in India", in *Dimensions of Social Development: Status Challenges and Prospects*,Social and Economic Change Monographs,Institute for Social and Economic Change, Bangalore. (ISBN 81-7791-107-4)

Dr. Pushpender Kumar**List of Publications:**

1. (2005), A model for managing risk in Business Process Outsourcing liability problem Insurance Chronicle. The ICFAI University press Sep 2005. ISSN No.- 0972-5199
2. (2006), Postal Life Insurance (A True Combination of Investment & Insuring life Risk) Present and future Scenario The Insurance Times, Journal of Insurance in India; Vol XXVI No. 7. ISSN No. - 0971-30 4480
3. (2010), Protection of life insurance policyholder through grievance handling social responsibility of life insurance in India. Marketing from Information to Decision Number of pages 9 Issue no. - 3/2010. ISSN No.-2067-0338
4. (2011), A study of Customer Expectation & Satisfaction of Life Insurance in India. Journal of Doctrol Studies AccountingVol 1; 1 Nov2011; ISSN No.- 2247-0338
5. (2014), Mergers and Acquisitions Prospects: "Indian Bank Study International Journal of Recent Research in Commerce Economics and Management, Vol 1, Issue 3, Pp (10-17), October- December 2014. ISSN No. - 2349-7807.

Sahaj Wadhwa**List of Publications:**

1. (2013), Behavioural Biases and Investment Process (A special refrence to Self-attribution bias and Over-Confidence Bias) International Journal of Commerce, Business And Management, Vol.2, No.6, December, 2013, Indian e- journal. ISSN No. 2319-2828
2. (2014), Is Indian Stock Market Weak-Form Efficient? - An Empirical Analysis AKADEMOS, Kamla Nehru College, Delhi University, February, 2014Vol. 8, Delhi ISSN No. 2231-0584
3. (2014), A Study on Price Destabilization in The Indian Soya bean Market Management Accountant, July, 2014,Kolkata ISSN No. 0972-3528
4. (2014), Low Volatility Anomaly in India (An Empirical Analysis) International Journal of Commerce, Business And Management, Vol.3, No.1, February 2014, Indian e- journal. ISSN No. 2319-2828

5. (2009), "RBI efforts to control inflation and experience of other countries SEBI& Corporate Laws , Vol.90, Feb 23, 2009, Indian magazine Delhi. ISSN No. 0972-818X
6. (2008), "Understanding Agricultural Derivatives", Journal of Cost and Management Accountant Management accountant, Dec. 2008, Vol. 43, No. 12. Kolkata ISSN No. 0972-3528
7. (2012), "Debt Crisis: The serial effect on Greece Journal of Cost and Management Accountant , Management accountant, Dec. Kolkata 2012, Vol. 47, No. 12, ISSN No. 0972-3528

Gurjinder Singh

List of Publications:

1. (2011), Relevance of consumer protection act 1986 in today's business environment, Journal of business studies; vol 4, year 2011, ISSN No. 0973-1628
2. (2011), Efficiency of Business Sector Banks In India, Journal For Legal Studies, vol 2, no 2, year 2014. ISSN No. 0975-0150
3. (2014), Global Public Private Partnership In Indian Global Perspective vol 1, no 2, year 2014. ISSN No. 2277-7296
4. (2014), Indian nationalized banks- performance and impact, vol-X2 April 2011, ISSN No. 2348-1668

Chapter in Books:

1. (2012), Business challenges & strategies in emerging global scenario, Mobile-Banking challenges & consumer perceptions. First edition-2012, ISBN no. 9789380144290
2. Impact of global recession on Indian retail sector. Global recession and Indian retail sector, first edition, ISBN No. 9788192045429

Meenu

List of Publications:

1. (2014), Political Advertising, Tactful Management Research Journal (June; 2014) ISSN No. 2319-7943
2. (2014), Global Branding In Higher Education, Tactful Management Research Journal (July; 2014) ISSN No. 2319-7943
3. (2015), NITI Aayog, Tactful Management Research Journal (Feb; 2015) ISSN No. 2319-7943
4. (2015), Industrial Policies Of India, Tactful Management Research Journal (Jan; 2015) ISSN No. 2319-7943
5. (2014), Microfinance in India, Tactful Management Research Journal (July; 2014) ISSN No. 2319-7943.
6. (2015), Recent Trends In Human Resource Management, Tactful Management Research Journal (June; 2015) ISSN No.: 2231-5063

Vipin Kumar

List of Publications:

1. (2015), "Net Neutrality" journal, Vol-5, Issue-6, July-2015, Pg 01-07 ISSN No. 2230-7850.
2. (2015), "An Overview of Computer Networks & Its Uses" Indian Streams Research, Golden Research Thoughts, Vol-5, Issue-1, July-2015, Pg 01-10 ISSN No. 2231-5063

Nishita Gupta**List of Publications:**

1. (2014), Business, Entrepreneurship and Management New Delhi: Kaveri Books, ISBN No-978-81-7479-159-7
2. Social Marketing: A Study, International Research Journal of Management Science and Technology, Volume 6 Issue 5,2015, Page nos-4-10, ISSN NO- 2348-9367
3. (2014), Goods and Service Tax: Its Impact on Indian economy, International Research Journal of Commerce,Arts and Science, Volume 5 Issue 3, 2014, Page nos-126-133, ISSN NO- 2319-9202
4. (2014),Small Scale Industries in India:A study, International Research Journal of Management, Sociology and Humanity, Volume 5, Issue 3,2014, Page nos-185-197, ISSN NO- 2277-9809
5. (2014)Make tax planning less taxing this year, Hindustan Times, 05/04/2014 page 17, Newspaper article
6. 2014), Getting posted abroad. Know tax implications, Hindustan times, 15/03/2014 page 19

Ravindra Singh**List of Publications:**

1. (2014), Financial Inclusion and Economic Growth in India : A Theoretical Framework, International Research Journal of Management Sociology & Humanity, Vol. 5, Issue-5, ISSN No.- 2277-9809
2. (2014), Employee Share-Based Payments- Accounting Practices and Valuation, International Research Journal of Commerce Arts and Science , Vol. 5, Issue-5, ISSN No.- 2319-9202
3. (2014), Role of IMF in Low Income Countries, International Research Journal of Management Sociology & Humanity, Vol. 5, Issue-5, ISSN No. - 2277-9809
4. (2014), Consumer as A Co-Creator in Customization, International Research Journal of Commerce Arts and Science , Vol. 5, Issue-4, ISSN No.- 2319-9202
5. (2014), Product: Life Cycle and Information, International Research Journal of Management Sociology & Humanity, Vol. 5, Issue-4, ISSN No.- 2277-9809.

Manisha**List of Publications:**

1. (2015), Virtual currency “Bitcoin” – An overview International Research Journal of Management Science and Technology, Vol. 6, Issue 3, pg. 4-11. ISSN No. – 2250-1959(O), 2348-9367(P))
2. (2015), Gender Diversity on Corporate Boards, International Research Journal of Commerce, Arts and Science, Vol. 6, Issue 2, pg. 103-109. ISSN No. -2319-9202
3. (2015), Employee Stress Management - An overview, International Research Journal of Management Science and Technology, Vol. 6, Issue 2 , pg. 27-34. ISSN No. -2250-1959(O), 2348-9367(P)

Chandan Kumar Singh**List of Publications:**

1. (2014), Assessing the Impact of Mergers and Acquisitions on firm Performance: Evidence from India Focus Journal of International Business, Journal Press India, January – June 2014ISSN NO. 2347- 4459
2. (2013),E-Tailing - Challenges & Opportunities in India, International Research Journal of Management Science And Technology, 2013, ISSN No. 2250 – 1959

20. Areas of

a) consultancy: Nil

b) collaboration with industry/institution; at the individual or institutional level

and the income generated therein, if any : Nil

21. Faculty as members in National committees b) International Committees c) Editorial Board

Name of the Faculty	Membership of Committees and Editorial Boards
Dr Seema Joshi	<p>Membership of National Committees and Chambers of Commerce and Industry, Life membership of Indian Economic Association, Indian Society of Labour Economics, The Indian Econometric Society And Indian Institute of Public Administration</p> <ol style="list-style-type: none"> 1. Nominated as one of members of the review committee (comprising of eight members) constituted by The Kerala State Higher Education Council for formulating a Higher education policy of the state in the light of fresh developments in the year 2012. 2. Selected as an Expert Panellist of the PHD Research Bureau (2012-2013), PHD Chamber of Commerce and Industry, PHD House, 4/2 Siri Institutional Area, August KrantiMarg, New Delhi-110016. 3. Selected as an Expert Panellist of the PHD Research Bureau (2015-2016),PHD Chamber of Commerce and Industry,PHD House, 4/2 Siri Institutional Area, August KrantiMarg, New Delhi-110016. 4. Invited as Member of the Selection committee (as Women community Representative) of Sutlej JalVidyut Nigam Ltd (a Joint venture of Government of India and Govt of HP,A Mini Ratna and Schedule 'A' PSU for selecting competent professionals at intermediate level from DGM to Sr Engineers in Civil,Electrical and Mechanical disciplines for its Buxur Thermal Power Project Bihar from July 22 to August ,2014 <p>International Committees</p> <ol style="list-style-type: none"> 1. Member of the Organizing Committee of 13th World Association for Sustainable Development Conference held at Istanbul from June 1-3, 2015. 2. Invited to be the Track Chair in the World Association for Sustainable Development (WASD) 13th International Conference to be held in Istanbul, Turkey on the 1-3 June 2015. <p>Membership of Editorial Committees</p> <ol style="list-style-type: none"> 1. Regional Editor, <i>World Journal of Entrepreneurship, Management and Sustainable Development</i> (ISSN 2042-5961).

Dr P. Kumar	Member of International working group in Business ethics education, School of Business & Economics, Marketing Department, Freie University, Berlin, Gemany.
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22. Student projects

- a) **Percentage of students who have done in-house projects including inter departmental/programme** : No Documentation
- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies** : No Documentation

23. (a) Awards/ Recognitions received by faculty

Name of Faculty	Awards/Recognitions
Dr Seema Joshi	<p>DISTINCTIONS ACHIEVED</p> <ul style="list-style-type: none"> • Selected as National Expert for one of the Asian Productivity Organisation's (Tokyo) Project 2015-16 • Nominated for Outstanding Reviewers Awards 2013 for World Journal of Entrepreneurship, Management and Sustainable Development, UK. • Selected as ICCR's Tagore Chair Professor (first –ever to Vietnam) to University of Social Sciences and Humanities in Ho Chi MinhCity, Vietnam, 2011-2012. • Selected for the 2010 Edition of Marquis Who's Who in the World. • First Recipient of Sir Ratan Tata Post-Doctoral Fellowship at Senior Fellow level at Institute of Economic Growth, New Delhi, 2007-08. <p>RECENT SELECTIONS</p> <ul style="list-style-type: none"> • Selected as Visiting Professor to Indian Council for Cultural Relation's (ICCR's) recently constituted Tagore Chair (First –ever to Vietnam), the Department of Indian Studies –Faculty of Oriental Studies, University of Social Sciences and Humanities in Ho Chi Minh City, Vietnam, September, 2011 – January,2012. • Selected at Indian Institute of Public Administration as Associate Professor of Public Policy and Governance, October, 2010. • Selected at Institute of Chartered Accountants of India as Senior Deputy Director (2008).
Dr Pushpender Kumar	<ul style="list-style-type: none"> • Received DAAD Fellowship to attend the post graduate Potsdam summer academy 2007. • Received Raman Fellowship from UGC for post – doc in USA,2014-15. • Visiting faculty at I.A.E de lyon, Inernational seminars for MBA students in France. • Visiting scholar at Miller college of Business, Department of Marketing, Ball state University, Muncie, USA.

(b) Awards and Scholarships won by B.Com (Honours) and B.Com (Programme) Students

Name	Academic Session	Course	Year	Percentage	Award	Position In College/ University
Divya Gupta	2008-09	B. Com (P)	III	74		2nd*
Sourabh Dhawar	2010-11	B. Com (H)	II	76.5	Sh. Sultan Chand Memorial Scholarship	1 st
Saaket Jain	2010-11	B. Com (H)	I	82.91	Sh. Sultan Chand Memorial Scholarship	1 st
Saket Jain	2011-12	B. Com (H)	II	81.83	Sh. Sultan Chand Memorial Scholarship	1 st
Preeti Narwal	2011-12	B. Com (H)	I	89.2	Sh. Sultan Chand Memorial Scholarship	1 st
Guntanya Makkar	2012-13	B. Com (H)	II	84.8	Sh. Sultan Chand Memorial Scholarship	1 st
Vaishali Jain	2012-13	B. Com (H)	I	82	Sh. Sultan Chand Memorial Scholarship	1 st
Pridhi Singhal	2012-13	B. Com (P)	I	87	Academic Award	1 st
Shikha Gupta	2014-15	B. Com (H)	III	87	Academic Award	1 st
Paridhi Singhal	2014-15	B. Com (P)	III	86	Academic Award	1 st
Shreyl Grover	2014-15	B. Com (H)	I	94	Sultan Chand Dropadi Devi	1 st
Sanchita Mehrotra	2014-15	B. Com (H)	II	89.8	Sultan Chand Memorial Award	1 st
*denotes position in university						

Individual Achievements of B.Com (Honours) and B.Com (Programme) Students in sports

Name	Academic session	Course	Achievements
Athletics			
AnantVerma	2010-11	B.Com(H)-II	All India Inter University
Badminton			
Yamini Sharma	2010-11	B.Com (P)-III	<ul style="list-style-type: none"> Sr.National Championship Women National-Team Gold and Individual – bronze
	2011-12		<ul style="list-style-type: none"> Represented Delhi State team in Senior National Badminton Championship
Boxing			
Gaurav Bidhuri	2010-11	B.Com(P)-II	<ul style="list-style-type: none"> International Training and Competition at kazakistan All India Inter University- Gold and Best Boxer

			<ul style="list-style-type: none"> • Jr.National Championship-Silver • National Games-Bronze
	2011-12		<ul style="list-style-type: none"> • Represented Indian Boxing Team in the President's Cup International Boxing Championship at Indonesia and won the Bronze Medal • Defeated World's No.2 Russian Boxer in the world series Boxing and won the Silver Medal
StanzinGyatso	2011-12	B.Com(H)-II	<ul style="list-style-type: none"> • Silver Medal in Delhi University Inter College Boxing Championship
Hockey			
AkashKhandelwal	2010-11	B.Com(P)-II	North Zone Inter University
Football			
Gagan Singh Chauhan	2010-11	B.Com(P)-II	<ul style="list-style-type: none"> • Sr. National Championship • North Zone and All India Inter University
Srikant Singh	2010-11	B.Com(P)-II	<ul style="list-style-type: none"> • North Zone and All India Inter University
AshishBhalla	2011-12	B.Com(P)-II	<ul style="list-style-type: none"> • Represented Delhi University Team in the North Zone Inter University Football Tournament
Basket Ball			
Aanchal Jain	2011-12	B.Com(H)-III	<ul style="list-style-type: none"> • Represented Delhi State Team in Sr. National Korfball Championship • Represented Delhi University Korfball Team in the All India Interuniversity Korfball Team • Runner-up of Delhi University Inter College Korfball Championship
Savita	2011-12	B.Com(H)-I	<ul style="list-style-type: none"> • Represented Delhi State Team in Sr. National Korfball Championship • Represented Delhi University Korfball Team in the All India Interuniversity Korfball Team • Runner-up of Delhi University Inter College Korfball Championship
VrindaRehan	2015-16	B.Com(H)-III	Inter college Participation 2014
KshitijNirjar	2015-16	B.Com(H)-II	<ul style="list-style-type: none"> • BITS Goa fest Ist • NSIT sports fest 1st position • SRCC invitational 1st position

			<ul style="list-style-type: none"> • LSR sports fest 1st position • Stephens Invitational 1st position • Inter college 1st position • IIT Kanpur 1st position
SimranWalecha	2015-16	B.Com(P)-II	<ul style="list-style-type: none"> • Inter College Participation 2014
Chess			
Rahul Sangama	2008-09	B.Com(H)	Defeated world Rank no 3 Grand Master Nigel Short in the Commonwealth International Tournament
AbirSinha	2015-16	B.Com(H)-II	<ul style="list-style-type: none"> - Winner of Hawaii Open Chess Championship 2015 and won \$5000. • 2nd place in Philadelphia open 2015 (the biggest tournament in USA) and won \$5000 • Part of Delhi University Team secured IIIrd position in All India University. • Conducted the biggest tournament in entire india and ongc was the title sponsors and ht city was the official media partner and it involved 15 visually challenged students!
Prachet Sharma	2015-16	B.Com(H)-II	<ul style="list-style-type: none"> • Winner of Philadelphia Open 2015 • IInd place of Hawaii Open • conducted the biggest tournament in entire india and ongc was the title sponsors and ht city was the official media partner and it involved 15 visually challenged students.
Korfball			
1. PriyankaKhandelwal	2015-16	B.Com(H)-II	<ul style="list-style-type: none"> • Korfball State winner 2014

24. List of eminent academicians and scientists / visitors to the department

Year	Title of Seminars	Details of Visitors with affiliations	Date of Visit
2011	Two days Seminar on HR and Consumer Protection.	1.Sh. P.C. Sharma, Member, National Human Rights Commission (Ex-Director CBI) 2. Sh. Gaurav Chaturvedi CFO Class India Ltd. 3. Shri Krishna Mani, Sr. Advocate Supreme court of India.	12/11/2011 & 13/11/2011

		4. Prof. Shri Ram Khanna, Department of Commerce. 5. Prof. Vijay Kapur, FMS University of Delhi 6. Prof. Sunita Singh Sen Gupta, FMS, University of Delhi.	
2012	Corporate Social Responsibility UGC seminar	1. Sh. K.K. Chakervorty, Honorable Chancellor, National University of Education Planning and Administration, New Delhi. 2. Prof. J.P. Sharma, Dept. of Commerce, University of Delhi 3. Ms. Kalpana Taing, Assistant Vice president HDFC Bank, 4. Dr. Narender Bhasin, Assistant vice-president, Axis Bank.	24/08/2012 & 25/08/2012
2013	Human Rights Symposium April, 2013	1.Prof. Sushma Yadav, IIPA New Delhi. 2. Prof. Suresh Misra, IIPA, New Delhi. 3.Ms. Jayshree Gupta, President, Consumer India and Chairperson HR group. 4.Col. Ranjit Singh Army Officer.	15/04/2013

25. Seminars/ Conferences /Workshops organized & the source of funding

- a) National
- b) International

Year	Topic of the Seminar	Duration	Grants Received
2011	Two days national UGC Seminar on "HR and Consumer Protection".	12/11/2011 to 13/11/2011	Rs.95,578
2012	Two days national UGC Seminar on "Corporate Social Responsibility".	24/08/2012 to 25/08/2012	Rs.1,09,958
2013	Three days Seminar on "Research Methodology for Ph.D students"	23/01/2013 to 25/01/2013	Rs.1,43,216
2013	Half day Seminar on "Human Rights Symposium"	15/04/2013	Rs.60,721
2013	Two days National Seminar on "Public Private Partnership in Global Perspective"	22/04/2013 to 23/04/2013	Rs.1,50,000
2013	Two days National Seminar on "Social and Economic Effects of FDI (Retail) in National and International Context".	25/11/2013 to 26/11/2013	Rs.2,00,000

26. Student profile programme/course wise:

Details of Pass percentage of students in B Com (Programme and Honours)

Year	Total appeared students	Students Passed	Pass Percentage*
B. Com. (Prog.)			

2014-15	91	72	-
2013-14	80	66	-
2012-13	70	54	-
2011-12	71	56	-
B.Com(Hons)			
2014-15	109	79	-
2013-14	96	81	-
2012-13	93	91	-
2011-12	74	72	-

*Refer to Section 5.2.2

Name of the Course/ programme	Enrolled 2015-16 (%)	
	*M	*F
B.Com (Programme)	68.2	31.8
B.Com(Honours)	60.9	39.1

*M = Male *F = Female

27. Diversity of Students (2015-16)

Name of the Course	% of students from the same state	% of students from the other states	% of students from abroad
B.Com (P)	18.2	79.5	2.3
B.Com(Honours)*	43.8	54.3	1.3

Note: * The figures do not add up to hundred as the state profile of 2 students could not be known as they could not be contacted.

28. How many students have cleared national and state competitive examinations such as NET,SLET,GATE, Civil services, Defense services, etc. ? No Documentation

29. Student Progression: No Documentation

However, our students are member of the placement cell and getting excellent placements and pay packages. The following table shows the campus selection of our students and pay packages offered to them by various companies.

Sr No	Name of Company	CTC offered	Number of students placed	Name of placed Students	Course
1	ERNST AND YOUNG	2.8 lacs	8	Yogita Singh	B.Com(H)
				Abhinav Verma	B.Com(H)
				Raveesha Mahajan	B.Com(H)
				Vandita Joshi	B.Com(H)
				Piyush Goel	B.Com(H)
				Rishabh Rana	B.Com(H)
				Ayushi Jain	B.Com(H)

2	UBS Verity	6.08 lacs	6	Tanvi Goel	B.Com(H)
				Javin Madaan	B.Com(P)
				Nidhi Vohra	B.Com(H)
				Piyush Goel	B.Com(H)
				Nitant Garg	B.Com(P)
				Karan Soni	B.Com(P)
Sanchita Mehrotra	B.Com(H)				
3	Z S Associates	3.25 lacs	4	Disha Bansal	B.Com(H)
				Nikit Jain	<u>B.Com</u>
				Raksha Chaoudhary	B.Com(H)
				Sakshi Mahajan	<u>B.Com</u>
4	KPMG	-	2	Manick Munjal	<u>B.Com</u>
				Nidhi Vohra	<u>B.Com</u>
5	EVALUESERVE	3-4 lacs	1	Sneha Bajaj	B.Com(H)

30. Details of Infrastructural facilities:

- a) **Library-** The department does not have its own library but the college library is equipped with latest technology and latest books (pl refer to the table for books relating to commerce)to make the education an enriching experience for all the students, viz. open access to library books, issue & return of books using barcoded identity cards, well managed reading hall etc.

Year	Number of New Books Added Relating to Commerce	Amount Spend On New Books (in Rupees)
2010-2011	180	91000
2011-2012	316	87500
2012-2013	292	90877
2013-2014	298	78980
2014-2015	384	98481

- b) **Internet facilities for Staff & Students-** The College has computer facility for the students as there are two computer laboratories and portal room for teachers and the college campus is having Wi-Fi facility.

- c) **Class rooms with ICT-** Some of the class rooms have been equipped with the facility of LCD projector. The computers have internet connectivity.

- d) **Laboratories** – The subjects having practical components are taught in the well-equipped Computer lab.

31. Number of students receiving financial assistance from college, university, government or other agencies: N.A.

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts

Several experts have visited the department to enrich the students on subjects of current relevance during the last few years. For details refer to the answer for question number 24 of the departmental SSR.

33. Teaching methods adopted to improve student learning:

The department combines the traditional methods of teaching with modern methods and is having student centric approach towards teaching. There is a provision of presentations by students and the interactive methods are used to make teaching-learning more effective. Some of the classrooms have the LCD projectors for making power point presentations required for teaching. The well connected wi-fi system of the college ensures the access to worldwide information with a click of a key. To bring about practical understanding of curriculum there was a provision of writing project reports in the final year.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc.

Some of our students participate actively in extension programmes as members of NCC, as members of NSS and also as volunteers for NGOs like Prayaas and as members of other NGOs like Umeed. Some of our teachers too participated in Gyanodaya trip to Rajasthan organized by Delhi University for NCC students. The Commerce Society (COMSOC) associated itself with PETA in 2014 to promote and protest for animal rights and performed 6 flashmobs at metro station, malls including Select city Walk, Saket.

The enrollment of students and their participation in various activities conducted by NSS varying from seminar on topical issues like “Youth And Volunteerism to seminar on Global Warming and from various drives organised by NSS varying from ‘Clean Campus Drive’ to ‘Tree Plantation Drive’ are an indication of the sensitivity of the students of the Department of Commerce towards national, social, economic and environmental issues. Some of the students are also actively participating in community work like teaching children (under NSS activity ‘Sahay’) belonging to downtrodden sections of society

35. a) SWOT (Strength, Weakness, Opportunity, Threat/Challenges) analysis of the department

Strengths :

- The department of Commerce at Kirori Mal College is a unique blend of experienced senior faculty and young faculty who complement each other.
- Some of the Faculty members have experience of teaching in international universities as a Visiting Professor abroad. For example, Dr Seema Joshi was ICCR’s First Tagore Chair to Vietnam.
- Some of the faculty members regularly update themselves by attending refresher courses, orientation programmes, workshops and national and international level conferences. Some of them have excellent publication record as they have published several books and have presented papers at various national and international conferences from South East Asia to Caribbean Islands.
- Most of the faculty members are proficient in ICT technology.
- High intake of students
- Good university results
- The department has an active Commerce Society named ‘COMSOC’ consisting of elected student members from each class. It conducts AAROHAN: the orientation

of the new recruits of the Commerce society and also organizes ADVENT, a one day event. Apart from Advent, Appluse annual inter college academic competitions, talks and educational seminars are also organized.

- Students have been contributing to social causes and are sensitive towards social, culture, economic and environmental issues.
- Diversity of students and teachers is yet another strength of the department. Diversity of students necessitates development of diverse teaching strategies to ensure inclusive college classrooms.
- Students are bringing laurels in the field of sports too, our students of commerce are a part of the basketball team which won all the tournaments last year and rising Chess team.

Weakness:

- 67% of the faculty of the Department is working on adhoc basis.
- Financial constraints in organizing educational field trips for students to help them have a practical approach for the curriculum and for developing more interest in learning among students.
- Infrastructural constraints in terms of office space for carrying out research and administrative work more effectively.

Opportunities:

- With competent faculty there is a scope for publishing an annual journal of the Department.
- There is also a need for holding more departmental seminars on current topics of relevance in the field of commerce and economics on weekly/fortnightly/monthly basis to promote research environment.
- With an active placement cell in place there is an opportunity to create more employment opportunities for students.

Challenges:

- How and what kind of vocational training should be provided to students so that they can generate self employment for them?
- How to have industry- university linkages so that more employment opportunities are created for them?
- How to provide them value based education in Commerce?

b) Future Plan

- To align theory with practice
- To align academia with industry
- To inculcate value based education in Commerce
- To foster a sense of enterprise and professionalism.

Department of Computer Science

1. Name of the Department: Computer Science

2. Year of Establishment: 1984

3. Names of the Programmes / Courses offered:

B.Sc. (P) Physical Science (with Computer Science as option)

4. Names of Inter-disciplinary courses offered	Departments involved
B.Sc. (Programme) Physical Science	Computer Science/ Chemistry, Mathematics, Physics

5. Annual/semester/choice based credit system (programme wise):

B.Sc. (P) Physical Science (with Computer Science as option) - A three year UG programme in semester mode

6. Participation of the department in the courses offered by other Departments

Name of the Course	No. of papers offered
B.Sc. (Prog) Physical Science [with Chemistry as option]	Two papers in final year
B.Sc(H),B.A(H), B.Com(H)	Generic Elective in First four semesters

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
Nil

8. Details of courses /programmes discontinued	Reasons for Discontinuation
BIT (Bachelor of Information Technology)	University of Delhi notification
Annual Mode has been completely discontinued w.e.f 2010-11.	University of Delhi notification
Three year semester programme was discontinued in 2013-14	University of Delhi replaced it with FYUP
FYUP discontinued in 2014-15	University of Delhi replaced it with Three year semester programme

9. Number of Teaching posts

Post	Sanctioned	Filled
Associate Professors	3	1
Asst. Professor		2 (1 Adhoc)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D / M.Phil.etc.)

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Mamta Sareen	MCA, Ph.D, Post Doctorate	Associate Professor	E-Commerce, Computer Architecture, Networking, Operating System	20 years	Nil
Ms.Geethanjali Kher	M.Sc. (Computer Science)	Assistant Professor	DBMS, C++, Operating System	12 years	Nil
Ms. Shikha Jain	M.Sc. (Informatics)	Assistant Professor	C++, Computer Networks	1.5 years	Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty

Around 33% by Ad-hoc against sanctioned post

13. Students-Teacher Ratio (programme wise)

Programme Name	
B.Sc. (Prog) Physical Science [with Chemistry as option]	20:1
B.Sc. (Prog) Physical Science [with Computer Science as option]	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

2 posts of Scientific Assistants for the maintenance of Computer Science Lab

15. Qualifications of teaching faculty with D.Sc/D.Litt/ Ph.D/M.Phil/PG. MCA, Ph.D, Post Doctorate

Post Doctorate	1
PG	2

16. If any ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received

Nature of the Project	Duration	Title of Project	Name of the funding agency	Total grant received	Equipments purchased
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Minor projects	One year (16-03-2012 to 16-03-2013)	Perceived security as Trust indicator in adoption of Internet Banking: A study of select banks of India.	Indian Council of Social Sciences Research (ICSSR)	Rs. 3,47,800	NIL
Interdisciplinary / innovation Project	2013-14	Impact of cloud computing on Indian Economy and its derivative.	DU	Rs. 2,32,633	Laptop, Ipad mini

18.If any Research Centre / facility recognized by the University developed by you: Nil

19. Publications (Summary):

Name	Papers Publications:		Books Published	Chapters in books	Monographs
	International	National			
Dr. Mamta Sareen	6	4	2	4	-
Ms. Shikha Jain	4	-	-	1	-

Publications (Details):

Dr. Mamta Sareen:

List of Publications:

1. Technical Assurance to Online Customers: Key Determinant of Online Purchasing Intention”, International Journal of Recent Trends in Electrical & Electronics Engg., April. 2014. ISSN: 2231-661
2. “The Impact of Customer’s Attitude towards Technology and Risk on the Intention to Purchase Online”, International Journal of Computer Science & Technology (IJCSST) , Vol5.2-1, Apr To June, 2014, ISSN 0976 -8491.
3. “The Role of Social Influence And Consumer's Effort Expectancy Online Shopping: An Empirical Study Of India”, published in International Journal of Management Research and Business Strategy, Volume 3, No.1 , 2014, ISSN 2319-345X.
4. “Factors influencing the level of adoption of Internet banking: An integration of TAM and Web Trust Model”, published in Asian Journal of Management Research, Online Open Access publishing platform for Management Research, Volume 4 Issue 1, 2013, ISSN 2229 – 3795.
5. “Exploring factors affecting use of mobile government services in India” published in Problems and Perspectives in Management, Volume 11, Issue 4, 2013, ISSN 1727-7051.
6. “Relationship between types of trust and level of adoption of Internet banking”, published in Problems and Perspectives in Management, Volume 10, Issue 1, 2012, ISSN 1727-7051.
7. “Technology Related Trust Issues in SME B2B e-commerce” published in International Journal of Information Communication Technologies and Human Development, Volume 3, Issue 4, 2011, ISSN: 1935-5661.
8. “Impact of Technology related Environment Issues on Trust in B2B E-Commerce” published in International Journal of Information Communication Technologies and Human Development, Volume 3, Issue 1, pp 21-40, 2011, ISSN: 1935-5661.

9. "Trust and Technology in Inter-Organizational Relations" published in International Journal of Information Communication Technologies and Human Development, Volume 1, Issue 4, pp 40-57, 2009, ISSN: 1935-5661.
10. "Building Trust in E-Commerce Through Web Interface: A study of E-Marketplaces of India" published in International Journal of Information Communication Technologies and Human Development, Volume 1, Issue 1, pp 64-74, 2009, ISSN: 1935-5661.

Books:

1. The book titled "Trust and Technology in E-Business: Applications and Strategies for Assurance" published by IGI Global publications, Hershey, USA, ISBN13: 9781613503539, ISBN10: 1613503539, EISBN13: 9781613503546.
2. Currently in the process of writing a book titled "Management of Information Systems" for Yashwantrao Chavan Maharashtra Open University.

Chapters in Books:

1. Chapter 3.2 titled "Evaluating Web Sites of Municipal Corporations: A case study of leading cities in India" in book Strategic Enterprise Resource Planning Models for E-Government: Applications and Methodologies, IGI Global, pp 143-157, 2012, ISBN13: 9781609608637, ISBN10: 1609608631, EISBN13: 9781609608644.
2. Chapter 5 titled, "Role of Web Interface in Building Trust in B2B E-Exchanges" in book "Human Development and Global Advancements through Information Communication Technologies: New Initiatives", published by Information Science Reference, Hershey, New York, pp 63-74, 2011, ISBN13: 9781609604974, ISBN10: 1609604970, EISBN13: 9781609604981.
3. Chapter 17 titled, "Technology-Related Trust Issues in Inter-Organizational Business Relations" in book "Human Development and Global Advancements through Information Communication Technologies: New Initiatives", published by Information Science Reference, Hershey, New York, pp 281-298, 2011, ISBN13: 9781609604974, ISBN10: 1609604970, EISBN13: 9781609604981.
4. Chapter 5.1 titled "Building Trust in E-Commerce Through Web Interface", in "Web technologies: Concepts, Methodologies, Tools and Applications", Volume II, by Arthur Tatnall, Information Science Reference, Hershey, New York. pp 1195-1205, 2010, ISBN13: 9781605669823, ISBN10: 1605669822, EISBN13: 9781605669830

Ms. Shikha Jain:**List of Publications:**

1. Shikha Jain, "Black Hole Attack in Delay Tolerant Networks: A Survey", Accepted in International Journal of Computer Science and Engineering, 2014.
2. Shikha Jain, "SECURITY THREATS IN MANETS: A REVIEW", Accepted in International Journal on Information Theory (IJIT), 2014.
3. Shikha Jain, Anshu Dhawan, and C.K Jha, "A Survey: On Routing Protocols in Cognitive Radio Ad Hoc Networks", Accepted in International Journal of Computer Science and Information Technologies, 2014.
4. Shikha Jain, Anshu Dhawan and C.K Jha, "Emulation Attack in Cognitive Radio Networks: A study", Accepted in IRACST – International Journal of Computer Networks and Wireless Communications (IJCNCW), 2014.

Chapters in Books:

Chapter 8.1 titled “Spread and Erase: Efficient routing algorithm based on Anti-message Info Relay Hubs for Delay Tolerant Networks” in book Computer networks and communications (NetCom), Springer , pp 643-652, 2013, ISBN: 978-1-4614-6153-1.

20.Areas of a)consultancy b)collaboration with industry/institution; at the individual or institutional level and the income generated therein, if any

Dr. Mamta Sareen:

- Been in the selection committee for appointment of PGT teachers in various schools.
- Appointed as an external examiner for B Tech examinations , GGSIP Univ. 2005-2007

Ms. Geethanjali Kher:

- As a member in designing the course of B.A. (Programme) for Delhi University in 2003-2004

Ms. Shikha Jain

- Worked as Research Associate at IIIT – Delhi on a DRDO funded project titled “Analysis of Adhoc Networks” in 2012-2013.

21.Faculty as members in a) National committees b) International Committees c) Editorial Boards

Dr. Mamta Sareen

- Member, the Editorial board, International Journal of Information Communication Technologies and Human Development (IJICTHD): ISSN: 1935-5661, EISSN: 1935-567X
- Member, Editorial board, Journal of Electronic Commerce in Organizations (JECO): ISSN: 1539-2937, EISSN: 1539-2929.

22.Student projects:	Percentage of Students
In-house projects including inter departmental/programme	90%
Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	Nil

Dr. Mamta Sareen	<ul style="list-style-type: none"> • Supervised project work in collaboration with industry for BIT course during 2000-2004 • Supervised project work done in-house by BIT course during 2000-2004 • Supervised project work conducted by students of BIT under Software Engineering stream during 2000-2004 • Supervised project work conducted by students of B.Sc (G) Computer Science (Annual Mode) under System Analysis Stream. • Supervised project work conducted by students of B.Sc (G) Computer Science (Annual Mode) under DBMS Stream. • Supervised project work conducted by students of B.Sc/BA erstwhile FYUP under IT –Foundation Course, 2014.
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Ms. Geethanjali Kher	<ul style="list-style-type: none"> In-house projects in Adobe Flash where the final year students made Animation Movies In-house projects in DBMS, where the final year students made Database projects using Microsoft Sql Server. In-house projects in HTML where the second year students made their own Website from the scratch. Supervised the Website development of Kirori Mal College with the help of students. Many students developed commercial websites, including, Sanjeev Patel, who developed Delhi University website.
Ms. Shikha Jain	<ul style="list-style-type: none"> Supervised project work conducted by students of B.Sc/BA erstwhile FYUP under IT –Foundation Course, 2014.

23.Awards/ Recognitions received by faculty and students: N.A

24.List of eminent academicians and scientists / visitors to the department

During the Bit course, field experts both from industry and academics were often called from various fields to hold a talk/seminar with the students and enlighten them with the latest information.

25.Seminars/ Conferences /Workshops organized & the source of funding

- National : Nil
- International : Nil

26.Student profile programme/course wise:

Name of the Course/program (B.Sc Physical Sci. With Computer Science)	Year of Study	Total Students	Enrolled	
			*M	*F
2011-12	I	52	47	5
	II	45	31	14
	III	17	13	4
2012-13	I	61	56	5
	II	40	35	5
	III	45	31	14
2013-14	I	-	-	-
	II	52	47	5
	III	43	38	5
2014-15	I	54	46	8
	II	-	-	-
	III	52	47	5

*M = Male *F = Female

** For Pass Percentages for the last four years refer to Section 5.2.2

27.Diversity of Students: Data will be recorded in the future.

28.How many students have cleared national and state competitive examinations such as NET,SLET,GATE, Civil services, Defense services, etc. ? Approximately 10%

29.Student Progression

Student progression	Against % enrolled
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UG to PG	Approximately 50% *
PG to M. Phil.	Approximately 5% *
PG to Ph.D	Approximately 5% *
Ph.D. to Post-Doctoral	None in my knowledge
Employed	
• Campus selection	Approximately 10%*
• Other than campus recruitment	Approximately 60%*
Entrepreneurship/Self-employment	Approximately 20%*

* Year wise data will be recorded in the future.

Some of the students whose data could be collected are

Name of the Student (Alunimi)	Year of Graduation	Organization NAME	Designation
Rashid Azar	2005-2006	BioTech Software Pvt. Ltd.	Senior Software Engineer
Harshit Garg	2013-2014	Self Employed	Business –Printing
Saurabh Kapoor	2008-2009	U2opia Mobile	Software Engineer
Uttam patel	2009-2010	Sun Pharmaceutical	Sales Officer
Jatin Sapra	2008-2009	Appscalate Studios Pvt. Ltd.	Chief Executive Officer
Gunjan Mahotra	2007-2008	Presidium School	Business Manager
Tribhuvan Kumar	2004-2005	Xchanging	Business Development Manager
Rishi Kumar	2010-2011	Wipro Systems	
Neelam Maurya	2009-2010	Magicbot Technologies	Product Developer
Pradeep Dhawan	2007-2008	Para Digital Technologies	Entrepreneur
Nitin Shivani	2003-2004	State Bank of India	Assistant Manager
Hemant Arora	2006-2007	Vodafone India	Corporate Affairs
Darshan Farswan	2007-2008	Makepositive	Technical consultant

30. Details of Infrastructural facilities:

a) Library

Year	No. of books purchased	Amount Spent
2010-2011	147	Rs. 45500
2011-2012	141	Rs. 43750
2012-2013	119	Rs. 47114
2013-2014	73	Rs. 32821
2014-2015	93	Rs. 31744

b)Internet facilities for Staff & Students

A fully wireless (Wi-Fi) computer network covers the entire campus: All indoor classroom/ laboratory and common areas on campus. This network connects all campus computers to the internet.

c) Classroom with ICT Facility: Yes

d)Laboratories

The computer lab is equipped with the following:

S.No.	Name of Article and its configuration	Number

1.	P-IV, Celeron 466Mhz, 512MB RAM, 80GB HDD 15" Monitor	1
2.	HP P-IV, Intel 845 Chip set 2.8Ghz, 256MB RAM, 80GB HDD, 15" Monitor	4
3.	IBM P-IV, Dual Core 3.4GHz 512 MB RAM, 160GB HDD 15" Monitor	3
4.	HP P-IV Intel Core2, 2.38 GHz 512MB RAM, 80GB HDD 15" inch TFT monitor	9
	HCL Intel Core 3, 3.30Ghz 2GB RAM, 500GB HDD, 18.5" LCD Monitor	6
5.	HP-Laser jet 1020	2
6.	HP Laser jet 1007	1
7.	SONY projector	1

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students	Financial Assistance
2013-14	2	Innovation Project Stipend

32. Details on student enrichment programmes (special lectures/workshops/seminar with external expert): Conducted a Seminar on "Android Programming", which was supported by the members of Cepta Infotech Pvt. Ltd. in September 2015.

33. Teaching methods adopted to improve student learning

1. Excessive use of ICT (Information and Communication Technology) in imparting daily lectures.
2. Use of presentations on topics concerning the latest in the field by students.
3. Students are given projects on topics concerning the subject so as to increase their overall awareness
4. Use of case studies so as to give them a view of the implications.
5. Use of e-media like social networking sites, web sites, mail groups etc. to exchange information regarding the course material.
6. Wherever possible use of software platform in the form of programs or available packages is used to improve the understanding of the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc.

- Conducted Nukad Natak on "Safety for Women" in 2014-15.
- Conducted talk on "Women Empowerment" by an IPS officer in 2014-15.
- Active participation in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat) analysis of the department STRENGTHS

- Excellent Faculty.
- Teachers are proactive in all activities, societies and events besides their teaching commitments.
- Teachers take extra interest in developing the students' overall personality.
- Intake of students with good percentage.
- Good computer lab with Overhead Projector to facilitate an effective teaching-learning process.

WEAKNESSES

- Small department.
- Insufficient number of computer infrastructure in comparison to strength of the students.
- Need for a Computer Science department room with multimedia facilities for department related work, meetings.
- Collaboration with industry-related projects could be enhanced.

OPPORTUNITIES

- To build on its strength to uplift the department's benchmarks in terms of excellence in academics - and to channelize students towards a productive professional track in their future life.
- There is potential to introduce B.Sc. (H) Computer Science course in the department as we have competent and qualified faculty to teach subjects offered.
- To upgrade students' skills in hands on learning for professional / career prospects.

THREATS

- Due to semester system, each paper which was taught in one year, now has to be completed in a span of 4 months. This results in teaching with limited time available for in-depth analysis of course content.
- From the students' point of view also, learning is rushed due to pressure of examination.

b) FUTURE PLANS

- Collaboration with other institutions/industry for research/seminars/workshops.
- Introduction of B.Sc. (H) Computer Science course in our college.
- To increase the size of Computer lab so as to provide one computer: one student ratio.

Department of Economics

1. **Name of the Department:** Economics
2. **Year of Establishment:** 1954
3. **Names of the Programmes / Courses offer:**
B.A (Hons.) Economics
B.A Programme
4. **Names of Interdisciplinary courses and the departments/units involved:**
Id Courses-Gender and Society, Contemporary India, Globalisation, General Elective
5. **Annual/semester/choice based credit system (Programme-Wise):**
First Year-Choice Based Credit System
Second Year-Semester
Third Year-Semester
6. **Participation of the department in the courses offered by other Departments:**
Economics to B.A (Programme) students
7. **Courses in collaboration with other Universities:** Nil

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification
Three year Semester Programme was replaced by FYUP in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification
Three year Semester Programme was discontinued in 2015-16.	Delhi University notification

9. Number of Teaching posts:

	Sanctioned	Filled
Associate Professors	12	3
Assistant Professors		9

10. Faculty profile:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.T. Ravi Kumar	Ph.D	Associate Professor	Public Economics, Monetary Economics, Macroeconomics, Regional Economics	26 years	None
Mr. Ajay Ranjan Singh	M.Phil	Associate Professor	Macroeconomics, Comparative Economic Development, Development Policy	23 years	None
Mr.Saumyajit Bhattacharya	M.Phil	Associate Professor	Economic Policy and Systems, Comparative Economic Development, Economic History of India	24 years	None
Mr.Rabi Shankar Prasad	M.Phil	Assistant Professor	World Economics	12 years	None
Mr.Samir Singh	M.Phil	Assistant Professor	International Economics	15 years	None
Ms.Vineeta	Pursuing PhD; M.Phil	Assistant Professor	Time series econometrics, Macroeconomics, Development Economics	15 years	None
Ms.Niti Khandelwal Garg	Pursuing PhD; M.Phil	Assistant Professor	Applied Macroeconomics	11 years	None
Ms.Chitra Verma	M.A	Assistant professor	Monetary Economics	5 years	None
Ms.Madhur Ajmani	M.Sc (Econometrics); M.A	Assistant Professor	Econometrics	9 years	None
Ms. Rosie Lalrampuii	M.Phil	Assistant Professor	Regional Development	5 years	None
Ms.Pratibha Madan	M.Phil	Assistant Professor	Econometrics	7 years	None

Ms.Neha Verma	M.A	Assistant Professor	Statistical Methods for Economics, Indian Economic Development	6 years	None
Mr.Shyam Sunder	M.A	Assistant Professor (Ad-hoc)	Statistical Methods for Economics Indian Economy	6 years	None
Ms.Promila Dharam	M.Phil	Assistant Professor (Ad-hoc)	Econometrics; Macro Economics	1 year	None

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: about 17 percent

13. Students-Teacher Ratio (programme wise):

B.A. (H) Economics: 24:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc/D.Litt/ Ph.D/M.Phil/PG.

P.G	4
M.Phil	9
PhD	1

16. If any ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received :

Interdisciplinary/ Innovation Project by Ajay Ranjan Singh under the funding agency 'University of Delhi' with the grant amount of Rs. 10,00,000.

18. If any Research Centre / facility recognized by the University developed by you: None

19. Publications (Summary):

PUBLICATIONS	Number
Number of papers published in peer reviewed journal (national/international by faculty and students)	24
Number of publication listed in International database (For eg. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Science Directory, EBSCO host, etc)	-
Chapter in books	22

Books edited	1
Books with ISBN/ISSN number with details of publishers	1

Name of the Faculty	Number of paper publications	Conference Proceedings	Books published	Books edited	Book Chapter	ILLL lessons
T. Ravi Kumar	10	-	1	1	10	-
Ajay Ranjan Singh	2	-	-	-	3	-
Saumyajit Bhattacharya	3	-	-	-	-	-
Sameer Singh	2	-	-	-	3	-
Vineeta Sharma	2	-	-	-	2	-
Niti Khandelwal	-	1	-	1	-	3
Pratibha Madan	5	-	-	-	-	3
Neha Verma	1	-	-	-	1	-
Shyam Sunder	1	4	-	-	3	-

Publications (Details):

Dr.T.Ravi Kumar

Books:

1. 2007: Industry and the Region: Theories, Techniques and Applications, Orient-Longman (Single Author).
2. 2009: From Statism to Neo-liberalism: the Development Process in India, Daanish Books, (co-editor).

Research Papers:

International Journals

1. 'The Impact of Regional Infrastructure Investment in India', Regional Studies, Journal of the International Regional Studies Association, Routledge, 2002, Volume 36, Number 2, pp. 194 –200.

National Journals/ Chapters in Books:

Economic and Political Weekly

1. 'World-class Universities: the Indian Experiment', Economic and Political Weekly, November 29, 2014, pp. 36-40.
2. 'Pay Structure in Higher Education: Some Issues', Economic and Political Weekly, April 19, 2008, pp. 19-22 (second author Vijender Sharma).
3. 'Linguistic Diversity and Disparate Regional Growth', Economic and Political Weekly, August 16, 2008, pp. 8-10 (second author T Ravi Kumar).
4. 'Tax Devolution and Regional Disparities', Economic and Political Weekly, May 14, 2005, pp. 2020-2022.

5. 'Centre-State Transfer of Resources: the Population Factor', Economic and Political Weekly, August 17, 2002, pp. 3406-3409 (second author M. D. Vemuri).
6. 'Regional Development Criteria and Horizontal Devolution under the Finance Commission Awards', Economic and Political Weekly, December 15-21, 2001, pp. 4671-4675.
7. 'Public Investment and Regional Disparities', Economic and Political Weekly, October 7-13, 2000, pp. 3683-3687.
8. 'Downsizing Higher Education: an Emergent Crisis', Economic and Political Weekly, February 15, 2003, pp. 603-607 (second author V. Sharma).
9. 'The Rastogi Committee Pay Structure: Disincentives Reinforced', Economic and Political Weekly, August 2, 1997, pp. 1985-1990 (second author B. Raina).

Alternative Economic Survey

1. 'Rural-Urban Divide', Chapter in Alternative Economic Survey, India 2006-2007: Pauperizing Masses, pp. 227-238, Daanish Books, Delhi.
2. 'Regional Finances', Chapter in Alternative Economic Survey, India 2005-2006: Disempowering Masses, pp. 179-194, Daanish Books, Delhi.
3. 'Regional Growth and Disparities', Chapter in Alternative Economic Survey, India 2004-2005: Disequalising Growth, pp. 127-134, Daanish Books, Delhi.
4. 'Value Added Tax', Chapter in Alternative Economic Survey, India 2004-2005: Disequalising Growth, pp. 155-158, Daanish Books, Delhi.
5. 'Industry', Chapter in Alternative Economic Survey, India: Magnifying Mal-Development, pp. 84-91, Rainbow Publishers Ltd., New Delhi.
6. 'Industry', Chapter in Alternative Economic Survey, 2002-03: Liberalisation Sans Social Justice, pp. 82-89, Rainbow Publishers Ltd., New Delhi.
7. 'Industry', Chapter in Alternative Economic Survey 2001-02: Economic 'Reforms'-Development Denied, pp. 61-68, Rainbow Publishers Ltd., New Delhi.
8. 'Industrial Policy and Growth', Chapter in Alternative Economic Survey 2000-01: Second-Generation Reforms- Delusion of Development, pp. 75-81, Rainbow Publishers Ltd., New Delhi.

Mainstream

1. 'On the 'Levelness' of 'Playing Fields', January 15, 1994, pp. 15-16.
2. 'Black Money: Not on the Reforms Agenda', Jan. 22, 1994, pp. 4-6.
3. 'On Certain Aspects of Financial Reforms', July 25, 1992, pp. 7-9.

Other Books

1. 'Nature of Investment and Disparate Regional Growth in India: Re-examining Policy Perspectives', Chapter in From Statism to Neo-liberalism: the Development Process in India, Editors Upadhyay V, Shakti Kak, Kaustuva Barik, T. Ravi Kumar, 2009, pp.73-98, Daanish Books, Delhi.
2. 'Regional Growth and Disparities in India', Chapter in India in the Globalising Era: a Multidisciplinary Perspective', Editors Raj S.R. and M.P. Singh, 2009, pp. 121-139, Manak Publications, Delhi.
3. 'The Global Crisis and India's External Sector', Chapter in Global Economic Crisis - a People's Perspective: Fiasco of Neo-liberalism, 2009, Indian Political Economy Association, pp. 193-204, Daanish Books, Delhi.

Publications in Financial and National Papers:

1. 2015: 'CBCS set to dilute academic standards', The Deccan Herald, April 24.
2. 2009: 'This Budget is more inclusive, but will it remain so?', The Deccan Herald, July 7
3. 2009: 'Need to promote an efficient and honest tax regime', The Deccan Herald, July 4.
4. 2009: 'Death of Neo-liberalism: Fundamental lessons', The Deccan Herald, June 20.
5. 2008: 'Neo-liberal trajectories: Flawed growth', The Deccan Herald, July 12.
6. 2007: 'Union Budget 2008-09: Elections in mind', The Deccan Herald, March 1.
7. 2005: 'UGC and the Tale of Two Promotions', The Economic Times, Nov. 15.
8. 2002: 'The Recent UGC Directives', The Hindu, September 10.
9. 1998: 'The Teachers' case for UGC scales', The Economic Times, May 13.
10. 1997: 'Low Salary, Low Morale', The Hindu, March 18.
11. 1995: 'Bank Deregulation-Caution is the Watchword', The Hindu Business Line', Jan. 9.
12. 1994: 'Railway Budget: Recipe for Continuing Inflation', The Pioneer, Feb27.
13. 1994: 'Towards a New Tax Policy', The Hindu Business Line, Oct. 31.
14. 1994: 'Policy Statements in Budget Hazy', The Pioneer, March 7.
15. 1992: 'Inflation, Savers and Scandal', Patriot, June, 13.
16. 1992: 'Stabilisation Must Precede Reforms', The Pioneer, July 25.
17. 1992: 'Anti-inflationary Policy Missing', Patriot, June 27.

Book Reviews:

Economic and Political Weekly

1. K.K. Subramanian: Regional Industrial Growth under Economic Liberalisation: A case Study of Selected Issues with Reference to Kerala State, Manak, published in the Economic and Political Weekly, June 5-11, 2004, pp.2359-2360.

Journal of Labour Economics

2. Shuji Uchikawa ed.: Economic Reforms and Industrial Structure in India, Manohar, published in the Indian Journal of Labour Economics, pp.196-198.

The Hindu

3. Deleplace, Ghislain and Edward J Nell (1996): Money in Motion: the Post-Keynesian and Circulation Approaches, Macmillan, August 4, 1996.
4. Patnaik, Prahbat (1995): Whatever happened to Imperialism and Other Essays, Tulika, February 4, 1996.

Ajay Ranjan Singh

List of Publications:

1. Fiscal & Monetary Policy, pg 240-241, Encyclopedia of International Development, edited by Tim Forsyth, London, New York, Routledge, 2005
2. Deskillling, pg 150-151, , Encyclopedia of International Development, edited by Tim Forsyth, London, New York, Routledge, 2005
3. Unemployment, pg: 705-707, , Encyclopedia of International Development, edited by Tim Forsyth, London, New York, Routledge, 2005
4. Gulati, Ashok & Kelley Tim, (1999) Trade Liberalization in Indian Agriculture: Cropping Pattern Changes & Efficiency Gains in Semi-Arid Tropics: Progress in Development Studies, Vol.1, No 4, October 2001

5. Bagchi A.K., (1995) New Technologies & Workers Response: Microelectronics Labour Society, New Delhi, Thousand Oaks, Sage, Indian Journal of Labour Economics, Volume 39, Number 2, April-June 1996

Saumyajit Bhattacharya**List of Publications:**

1. "Vicissitudes of the Relationship between State, Labour and Capital: An Appraisal of the Neo-Liberal Labour Market Reforms in India and Beyond", Labour, Capital and Society, Vol. 40, 1 & 2. (2007)
2. "The Changing Discourse of Neoliberal Labour Reforms: From Labour Suffering Temporarily for Transition to Labour Creating the Obstacles to Transition", Indian Journal of Labour Economics, Vol. 51, No. 4. (2008)
3. "Is Labour Still a Relevant Category for Praxis? – Critical Reflections on Some Contemporary Discourses on Work and Labour in Capitalism", Development and Change, 45(5): 941–962. DOI: 10.1111/dech.12123, International Institute of Social Studies, The Hague.

Sameer Singh**List of Publications:**

1. "Efficiency estimation for textile industry in India, 1989 - 2000" heaped.econ.upatras.gr/papers/Rajeev%20Parmar.pdf. JEL classification: C23(panel data)
2. "An analysis of Antidumping Cases in India " Economic and Political weekly, vol X11,no 11, March 12, 2005. (Peer reviewed)
3. "Anti dumping: The Indian perspective " Alternative economic survey 2004-05. ISBN no. 8190294601.
4. "Basic features of the Indian economy in 1947" and "some important constituents of economic policy" Contemporary India, Edited by Neera Chandhoke and PraveenPriyadarshi, Published by Pearson. 2009, ISBN no: 9788131719299.
5. "External trade" Alternative economic survey, India two decades of neoliberalism, 2010, ISBN no. 9789381144008.

Vineeta Sharma:**List of Publications:**

1. A Comparison of Economic Indicator Analysis and Markov Switching Methods Concerning the Cycle Phase Dynamics, (forthcoming) Journal of Business Cycle Measurement and Analysis, OECD Publications and CIRET (with Pami Dua)
2. Measurement and Patterns of International Synchronization of Cycles: A Spectral Approach (2013), Centre for Development Economics Working Paper No. 224 (with Pami Dua) <http://www.cdedse.org/pdf/work224.pdf>

Chapters in Books:

1. International Synchronization of Cycles: An Analysis of Time and Frequency Domain Methods (forthcoming), Springer Verlag (with Pami Dua)
2. Sustainability Vs Development: Between Scylla and Charybdis (2005) In Arora, G.K. and A. Talwar (ed.) Sustainable Development – An Interdisciplinary Perspective, Research and Publishing House in Association with Human Development Research Centre. (ISBN 81-89134-00-0)

Book Reviews

1. Rakesh Mohan (2011) Growth with Financial Stability: Central Banking in an Emerging Market, Oxford University Press, Delhi in Indian Economic Review(2012), Vol. XLVII, No.1 (ISSN 0019-4670)

Niti Khandelwal:**List of Publications:**

1. Paper titled "Inflation and Productivity": An Industry-Specific Study published as National Conference Proceedings in Rajasthan Economic Association Annual Conference Jan 2015. ISBN No. 978-93-5156-173-7

E-Content:

2. E- Lesson titled, "Properties of least squares estimators" published as part of the course Introductory econometrics of B.A(H) Economics, Sem-III by ILL, DU in March 2015 with ISBN No. 978-93-85611-05-6
3. E- Lesson titled, "Two variable linear regression Analysis-An Introduction" published as part of the course Introductory econometrics of B.A. (H) Economics, Sem-III by ILL, DU in Feb 2015 with ISBN No. 978-93-85611-05-6
4. E- Lesson titled, "Hypothesis Testing-Different Approaches" published as part of the course Introductory econometrics of B.A. (H) Economics, Sem-III by ILL, DU in March 2015 with ISBN No. 978-93-85611-05-6

Book Review

Jagdish N. Sheth, Fred C. Allvine, Can Usay and Ashutosh Dixit (2007) "Deregulation and Competition: Lessons from the Airline Industry" *Indian Economic Review*, 45(1), 2010

Pratibha Madan**List of Publications:**

1. "Make in India" On Verge To Work Wonders For Indian Economy: Journal of Global Studies, ISSN: 2393-9354, Vol 2, no. 7 July 2015
2. Multicollinearity: A Violation Of Classical linear Regression model Assumptions; Virtual Learning Environment (VLE) delhi university; available at www.vle.du.ac.in, ISBN: 978-93-85611-05-6, 2015
3. Heteroscedasticity: A Violation Of Classical linear Regression model Assumptions; www.vle.du.ac.in, ISBN: 978-93-85611-05-6, 2015
4. Autocorrelation: A Violation Of Classical linear Regression model Assumptions; available at www.vle.du.ac.in, ISBN: 978-93-85611-05-6, 2015
5. Foreign Direct Investment Governance And Infrastructure: A study Across Indian States; Arthashastra: Indian Journal of Economics and Research; ISSN: 2278-1811, Vol. 3, no. 4 July August 2014
6. Can Government Secure Your Investment?; Yearly Academic journal: Kalindi College, Delhi University; 2009-10
7. Perishing on Roads; Business world magazine: Online portal; 2007
8. Currently working with EPG pathshala on economics of services; E - pathshala, MHRD project, 2015

Neha Verma**List of Publications:**

1. Foreign direct investment in Indian Retail Sector; EISSN: 2321-5518, vol II, issue V, oct 2013

2. 'Gender Discrimination in the Boardroom: ONE STEP AHEAD, TWO STEPS BEHIND', *Unveiling Women Leadership* by Payal Kumar, Palgrave Macmillan, September 2015. ISBN No. 978-1-137-54706-4.

Shyam Sunder

List of Publications:

1. The Paper titled "Impact of Global Financial Crisis and Recovery: A Comparative Study of India and South Korea" published in The Journal of Indian Social Science Research, 2014, Volume I, an annual journal by The Korean Association of Indian Social Science Research. ISSN: 2383-6547
2. The Paper titled "Global Financial Crisis: An Opportunity for Inclusive Growth in India" published as a chapter in the book titled "Global Economic Challenges: Implications for India." ISBN: 978-81-8954
3. The Paper titled " Migration and Economic Development in India and South Korea" published as a chapter in the book titled "Growing Synergy Between India and South Korea" (Manak Publications) ISBN:978-93-7831-354-7
4. The Paper titled "Impact of Global Financial Crisis and Recovery: A Comparative Study of India and South Korea" published as a chapter in the book titled " Deepening India-Korea Relations: Towards a Sustainable Future" (Manak Publications) ISBN: 978-93-7831-386-8
5. The Paper titled "Complementarities in Economic Development Between India and South Korea: The Case of Human Development" presented and included as Conference Proceedings in the 5th All India Researchers' Association for the Study of Korea (RASK) International Seminar in 2011.
6. The Paper titled " Migration and Economic Development in India and South Korea" presented and included as Conference Proceedings in the 6th All India RASK International Seminar in 2012.
7. The Paper titled "Impact of Global Financial Crisis and Recovery: A Comparative Study of India and South Korea" presented and included as Conference Proceedings in the 8th All India RASK International Seminar in 2014.
8. The Paper titled "Globalization Reforms and Economic Development in India and South Korea" presented and included as Conference Proceedings in the 9th All India RASK International Seminar in 2015.

22. Areas of a) consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any:

Name of the Faculty	Area
Madhur Ajmani	Skyline Business School (2006-2011)

(b) Collaboration: Nil

21. Faculty as members in National committees b) International Committees c) Editorial Board:

Dr. T Ravi Kumar	Life member Indian Institute of Public Administration and Indian Political Economy Association
Mr. Saumyajit Bhattacharya	Member, Board of Studies, School of Undergraduate Studies, Ambedkar University, Delhi

Ms. Vineeta Sharma	Border Security Force (BSF) Research Coordinator in the project “Cross border illegal trade between India and Bangladesh”
Ms. Niti Khandelwal	Member of the Econometric Society

22.Student projects:	Percentage of Students
In-house projects including inter departmental/programme	100%
Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	Information not available

23. Awards/ Recognitions received by faculty and students

Ms.Madhur Ajmani	Delhi University Staff Development Programme Scholarship 2011
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List of Students who obtained prestigious scholarships to study abroad

1. Batch of 2006 – Naveen R Kanalu - International Student Selection, Govt. of France, 2007 (École Normale Supérieure, Paris)
2. Batch of 2007 – Shweta Khosla - Commonwealth Scholarship, Govt of UK, 2007 (University of Warwick)
3. Batch of 2008 – Chinmaya Kumar – Rhodes Scholarship, 2009 (University of Oxford)
4. Batch of 2008 – Dhruv Dahiya - Inlaks Scholarship, 2009 (London School of Economics and Political Science)

24. List of eminent academicians and scientists / visitors to the department

Prof. AshwaniSaith	Institute of Social Studies, The Hague
Prof. B.R. Tomlinson	School of Oriental and African Studies, London & Ex- Dean University of London.
Prof. Prabhat Patnaik	Emeritus Professor, JNU
Prof. Amiya Kumar Bagchi	Institute of Development Studies, Kolkata
Prof. Deepak Nayyar	Emeritus Prof. of Economics, JNU, EX- VC, DU (2000-2005)
Prof. Amit Bhaduri	Emeritus Professor, JNU
Prof. Pulin Nayak	Professor, DELHISCHOOL OF ECONOMICS - Retired
Prof. KP Kannan	Formerly Director, Centre for Development Studies, Trivandrum and been Member, National Commission for Enterprises in the Unorganised Sector, Govt. Of India.
Prof. C.P Chandrashekhar	Professor at Centre for Economic Studies and Planning, School of Social Sciences, JNU
Prof. Abhijit Sen	PROFESSOR OF ECONOMICS, JNU and ex-member Planning Commission of India
Prof Bina Agarwal	Ex Director, Institute of Economic Growth, PROF. OF DEVELOPMENT ECO & ENVIRONMENT, UNIVERSITY OF MANCHESTER, Editor, Feminist Economics
Arup Mitra	PROF. OF ECONOMICS, INSTITUTE OF ECONOMIC GROWTH
Jayati Ghosh	Professor at Centre for Economic Studies and Planning, School of Social Sciences, JNU

K.L Krishna	PROF. & CHAIRPERSON, MADRAS INSTITUTE OF DEVELOPMENT STUDIES
Prof. Surajit Mazumdar	Professor at Centre for Economic Studies and Planning, School of Social Sciences, JNU

25. Seminars/ Conferences /Workshops organized & the source of funding :**National : Nil****International : Nil****26. Student profile programme/course wise:**

Name of the Course/programme	Applications received	Selected	Enrolled		Pass Percentage* *
			*M	*F	
2011	-	94	62	32	-
2012	-	78	45	33	-
2013	-	96	60	36	-
2014	-	-	-	-	-
2015	-	103	68	35	-

M = Male *F = Female*** Refer to Section 5.2.2****27. Diversity of Students:** No documentation**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?****Department of Economics Alumni in Reputed Academic and Policy Institutions**

Passing out batch of

1. 1984 – Prof. Mritunjoy Mohanty, Indian Institute of Management, Calcutta
2. 1985 – Prof. Surajit Mazumdar, Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi
3. 1987 – Dr. Sumangala Damodaran, Dean, School of Development Studies, Ambedkar University, Delhi
4. 1991 – Prof. Sudipta Sarangi, Head, Dept of Economics, Virginia Tech (Virginia Polytechnic Institute and State University) and Program Director, Economics, National Science Foundation, USA
5. 1996 – Dr. Himanshu, Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi, New Delhi
6. 1996 – Mr. Ashish Khanna, Lead Energy Specialist, Egypt and Yemen Energy Program, World Bank, Cairo.
7. 1999 – Dr. Sumant Kumar Rai, Dept of Economics, University of Washington, Seattle, USA

8. 1999 – Dr. Mehtabul Azam, Department of Economics, Spears Business School, Oklahoma State University, USA (Previously worked at the Europe and Central Asia Human Development Unit, World Bank, Washington DC, USA)
9. 1999 – Dr. Amrita Pande, Dept of Sociology, University of Cape Town, South Africa
10. 1999 – Dr. Md. Adil Qureshi, Economist, Asia Pacific Department, International Monetary Fund
11. 2000 – Dr. Vineet Kohli – Tata Institute of Social Sciences, Mumbai

Alumni in Public Service

1. Syed Zubair Husain Naqvi , Assistant Director (Indian Economic Service) & Officer on Special Duty to Chief Economic Advisor , Ministry of Finance, GOI, Batch of 2007
2. Sushant Sudan, Indian Economic Service, Batch of 2007
3. Kanishk Sharma, Indian Foreign Service, Tokyo, Japan, Batch of 2007
4. Amit Gupta, Reserve Bank of India, Mumbai, Batch of 2007
5. Passing out batch of 2008 – Dhruv Dahiya, Indian Police Service
6. Passing out batch of 2009– Riju Bafna, Indian Administrative Service
7. Mohit Verma, Indian Economic Service, Batch of 2009
8. Akansha Arora, Indian Economic Service, Batch of 2010
9. Snigdha Bharadwaj, Officer, Indian Army, Batch of 2012

Alumni in Media

Passing out batch of

1. 1988 – Rajesh Mahapatra, Executive Editor, Hindustan Times, New Delhi
2. 1991 – Harish Damodaran, Senior Journalist, The Indian Express, New Delhi

29. Student Progression :

Student progression	Against % enrolled
UG to PG	50%
PG to M. Phil.	20%
PG to Ph.D	10%
Entrepreneurship/Self-employment	2%

30. Details of Infrastructural facilities;

a) Library

Year	Number of Books added to relating to economics (College Library)	Amount Spent on New Books
2010-11	111	Rs.91000
2011-2012	98	Rs.87500
2012-2013	117	Rs.105327
2013-2014	139	Rs.126244
2014-2015	110	Rs.122800

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

(c) **Class rooms with ICT facility** two projector enabled classrooms are provided to Economics Department.

(d) **Laboratories:** Nil

31. Number of students receiving financial assistance from college, university, Government or other agencies: Nil

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

2008-09	<ul style="list-style-type: none"> Annual academic festival 'Pareto Time' was held in which Mr. Shankar Raghuraman, Senior editor Times of India and Prof. Surajit Mazumdar spoke on inflation and the pattern of industrialisation in the Indian economy respectively. Event concluded by a seminar on 'Economic Reforms: Neoliberalism vs. Alternative Perspectives' by Dr. K. P. Kannan, Member, National Commission for enterprises in the unorganised sector, Govt. Of India. lecture by renowned historian Prof. B. R. Tomlinson, School of Orientation and African studies, University of London on 'Entrepreneurship and Industrialisation in India in the 20th Century' Outstanding Achievements of Students of 2007-08 batch, Chinmaya Kumar was awarded the prestigious Rhodes Scholarships to pursue his studies in Oxford University and Dhruv Dahiya was awarded the Inlaks Scholarship to pursue his masters in London School of economics.
2009-10	<ul style="list-style-type: none"> Annual fest 'Pareto Time' was inaugurated by eminent economist Prof. Jayati Ghosh from Jawahar Lal Nehru University and delivered a Keynote address on 'US financial crisis of 2008' Departmental magazine 'Oikos' launched its new issue.
2010-11	<ul style="list-style-type: none"> A seminar by Mr. Surajit Mazumdar, ISID on 'Querying the Growth story: India in the New Millennium' was held.
2013-14	<ul style="list-style-type: none"> Society released its first ever News-Letter. Office bearers of the society were privileged to interview Mr. K. V. Thomas, the then Union Food Minister on the security bill for the news letter. Society welcomed British High Commissioner his Excellency Sir James Bevan and Deputy British High Commissioner Mr. Paul Renee for the International Economics Festival 'Pareto Time' The annual fest had invited delegates from Lahore University of Management Sciences, Pakistan. Annual economic journal 'Oikos' was released by Prof. Pulin Nayak.
2014-15	<ul style="list-style-type: none"> Prof. Ashwani Saith, Institute of Social Studies, The Hague, delivered a lecture on the relevance of Economic Inequality. Prof. Arup Mitra, Institute of Economic Growth delivered a lecture on Indian Industrialisation.

33. Teaching methods adopted to improve student learning:

- Some teachers of the department use extensive power point presentations to attract the students' attention and also economise on time.
- Students are also provided suggestive question sets to familiarise with the nature of questions they have to face in the examinations.

- Special attention is given to weaker students and students from disadvantaged backgrounds. This involves – (i) taking extra classes beyond the time table, (ii) Helping them to comprehend the readings, (iii) Teaching in Hindi, (iv) Helping students to improve their English grammar, vocabulary and expression.
- The department has built up over the years an excellent collection of books in the library, much beyond the narrow curricular needs of the students and they are encouraged to make use of this facility. We have one of the best collections of a wide range of economics books amongst the colleges of Delhi University.
- Interested students are thus encouraged and guided to read beyond their syllabi and curricula and are often suggested books and journal articles to develop and sustain their interest.
- Teachers actively encourage, help and guide students who write papers and essays, often for presenting in student conferences and subject festivals.
- Teachers also guide students about their future studies and recommend them for admissions and scholarships to various foreign and Indian universities. Similarly teachers guide and recommend students for internships and summer programmes also.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc.

Ajay Ranjan Singh	<ul style="list-style-type: none"> • Secretary, Staff Council • Member, Governing Body, KMC • Member, Grievance Committee (Non-teaching) • Secretary, Staff Association • Participated in Review of Course Structure (Syllabus) for B. A Economics
Saumyajit Bhattacharya	<ul style="list-style-type: none"> • The Secretary, Staff Council (2007/8-2009/10). • Been the Member Secretary of the Committee Against Sexual Harassment (twice) and been part of Enquiry Committees on Sexual Harassment Complaints. • Been the Convener of the Fee Concession Committee of the college. (2013-14 and 2014-15) • A regular participant in the annual/semester wise meetings organized by the Dept. of Economics, Delhi School of Economics for syllabi making and reading list modifications for the courses taught in BA(Honours). • External member of the committee to frame courses for the Masters programme in Gender Studies at Ambedkar University, Delhi. Also framed the course on “Gender, Work and Development” for the Masters programme in the Development Studies at Ambedkar University, Delhi.
Rabi Shankar Prasad	<ul style="list-style-type: none"> • Member Governing body, KMC • Bursar • Convener, Standing committee admission • Secretary, Teachers Credit society
Madhur Ajmani Sethi	<ul style="list-style-type: none"> • Appointed Member of the Committee of Courses & Studies to prepare the syllabus of the undergraduate economic courses under semester system (2011-2013)

Vineeta Sharma	<ul style="list-style-type: none"> • Member Secretary, Committee Against Sexual Harrasment • Elected Member, Thrift and Credit Society
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35. (a) SWOT (Strength, Weakness, Opportunity, Threat) analysis of the department:

Strength:

The Department of Economics, KMC has a long tradition of qualified and dedicated faculty and is considered as one of the best economics departments in the university. A hallmark of the department is its very strong student-teacher bond, which extends beyond the formal academic space. The department believes in transcending the limits of conventional pedagogy and curricula and encourages students to understand economics as a core subject of social sciences and exposes them to a range of ideational discourse and also inspires them to use the knowledge of economics as a vehicle of social transformation.

Over the years the students of the department have not only performed very well at the university level but also in wide ranging and diverse fields – academics, policy making, bureaucracy and public service, financial planning, corporate management, voluntary development sector and journalism. Our students after leaving college have got admission to the best universities and institutes in the country and abroad for their further studies. Some of them have also got very prestigious scholarships to pursue their studies in reputed institutions abroad.

The department is very conscious of the diversity – social, cultural, linguistic and economic – that our students have. A significant section comes from socially and economically deprived background and often have serious handicap in understanding English. They are thrown into a milieu of extremely confident and highly achieving students, who comprise at least half the class. The faculty takes special care to see that the students who come from disadvantaged backgrounds do not feel alienated in the class. Often special informal classes are taken for them and care is taken to communicate to them in Hindi in such circumstances. Some faculty members have gone out of their regular workload to not only teach some of these students separately in Hindi but also encourage them to improve their written and oral English by drawing up simple exercises for them to practice.

In our quest of experiencing economics in its broadest meaning and relevance, the department innovated in 1989 the concept of an Economics Festival named *Pareto Time*, to provide a wide platform for seminars, talks, discussions and creative events on economics and other related interdisciplinary fields. The festival was open to all undergraduate students of economics in the university and also had many interactive and competitive events. We were the pioneering department in creating the concept of a *subject festival*, which assumed such popularity that now a subject festival is a regular feature in almost all departments in various colleges of Delhi University. A core element of this festival is the paper presentation event. Students are required to write and present an academic paper on pre-given economic themes and are then judges by a panel of economists. We always get excellent participation of students from across the university and some of the papers are indeed of very good quality.

The department also formed a student society – *the Economics Society* – to carry out the task of regular involvement of the students in broader economic issues through talks, discussions and other means. Ever since, the festival is also organized under the banner of the Economics Society. The society is entirely a student body with

democratically elected student office bearers and an executive backed by a staff advisor nominated from amongst the faculty members. The Economics Society also brings out an annual magazine *Oikos*, entirely by student contribution of articles and write-ups and is edited and managed by a student team. The magazine is generally released at the time of the festival by the keynote speaker. Other than exposing the students to horizons in economic thought and practice, the society is also a training ground for organizational work. The student executive members manage all aspect of the society including planning, organization and mobilization of funds for the festival and the magazine.

Weaknesses and Threats :

The greatest weakness of the department is the meager infrastructure we operate with. With economics becoming a leading discipline in both academia and corporate world, we compete not only with other colleges but more so with departments in private and professional universities. We cannot even compare our infrastructure and cramped teaching schedules with those in the good private universities. Particularly, with advances in newer fields in economics, a well functioning computer lab becomes almost a necessity. The lack of such a facility affects our ability to offer courses requiring computational pedagogy and demotivates students in not being able to pursue courses they would have otherwise liked to do.

Further, hurriedly developed course structures and rampant changes in curricula almost every year that the university has undergone in the last five years have also unsettled and adversely affected the teaching-learning practices. Economics being a lucrative profession also affects the long run teaching prospect in a different way. Unless university teaching offers incentives for research and stability in jobs, talented students will not be attracted to the profession. In an atmosphere of job uncertainty and poor infrastructure, we are already losing and will continue to lose the talented minds in the subject from coming to undergraduate teaching or even teaching at postgraduate level in public universities. This problem is not unique to our college and the solution can only be found at the level of the university to begin with and beyond that at the level of educational planning and funding in our country.

Opportunities:

Economics being one of the most sought after disciplines at the undergraduate level of the university, itself provides the greatest opportunity for the department. Given our strength of a dedicated and highly capable faculty, the tradition of vibrant student-teacher interaction and the set institutions of co-curricular student activities, we can only look forward to the continuation of a very bright future for the department, once the systemic weaknesses and challenges are addressed at a broader level.

(b) Future Plans:

Members of the department in their individual capacity regularly participate in University level forums where changes in syllabi, curriculum, and teaching and evaluation process related to the subject are discussed and thereby policy decisions are made. The faculty members, through the Staff Council of college, take part in collective decisions of the college's academic plans and administration.

Department of English

1. Name of the Department: English

2. Year of Establishment: 1954

3. Names of the Programmes offered:

BA (Honours) English

BA Programme

4. Names of Inter-disciplinary courses offered	Courses/ Departments involved
Gender and Society	BA Honours
Mass Communication	BA Programme
Language, Literature, Culture	BA Programme
The Individual and Society	BA Honours
Language (as per University guidelines)	English / MIL
Environmental Studies	Zoology

5. Annual/semester/choice based credit system (programme wise):

BA (Honours) English (semester mode)

BA (Honours) English (CBCS)

6. Participation of the department in the courses offered by other Departments:

- Technical Writing and Communication: For all courses in BSc(H) & BSc(Prog)
- English for the Students of Commerce: BCom (Programme)
- Business English: BCom (Programme)
- Business Communication: BCom (H)
- Modern Indian Literature: BCom (H) optional paper
- The Individual and Society: Interdisciplinary Course for BA (Hons) students.
- Modern Indian Literature: Discipline Centred Credit Course for BA(Hons) students (non-English)
- Cultural Diversity: Discipline Centred Credit course for BA(Hons) students (non-English).
- Gender and Society: Interdisciplinary Course for BA(Hons) students.
- Contemporary English: Language Credit Course.
- English Qualifying (Higher): Qualifying Course for BA (Hons) courses (non-English).
- English Qualifying (Lower): Qualifying Course for BA (Hons) courses (non-English).
- Media and Communication Skills: Generic Elective course for other departments.
- Academic Writing and Composition: Generic Elective course for other departments.

7. Courses in collaboration with other Universities: Nil

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification

Three year Semester Programme discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	17	6
Assistant Professors		11

10. Name	Qualification	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr B P Mishra	M.A.	Indian Classical Literature,	44 years 5 months	Nil
Dr.(Ms.) Alka Rakesh	PhD (IIT-D)	American Literature, Early 20 th Century Literature	39 years and 5 months	Nil
Mr KevalArora	M.Phil	Theatre Studies, Drama from the Greeks to the Modern Times	35 years	Nil
Dr. Sunjay Sharma	PhD (Cornell)	Romanticism, Literature and Philosophy, Literary Theory.	23 years 4 months	Nil
Mr Dhananjay Kapse	M.A, M.Phil, M.A (UCB)	Indian Literature in English and in Translation, American Literature, Postcolonial Literatures.	20 years	Nil
Dr.Someshwar Sati	PhD (JNU)	Indian Literature in English and in Translation, Postcolonial Literatures	17 years	2 (Registered)
Mr Deb Dulal Halder	PhD (JNU, persuing).	19 th Century Bengali Literature and Society, Contemporary Literature.	14 years 7 months	Nil
Mr Rudrashish Chakraborty	M.Phil.	Renaissance Literature, 18 th century Studies, 19 th Century European Realism, Literary Theory, Culture Studies.	14 years 7 months	Nil
Ms Amrapali Basumatary	M.Phil.	Women Studies, 19 th Century Studies, Literature of the Margins.	11 years 5 months	Nil

Ms Nivedita Basu	M.Phil, PhD (DU, persuing).	Victorian Melodrama, Contemporary Literature	5 years 6 months	Nil
Ms Saumya Garima Jaipurkar	M.Phil, PhD (DU, persuing).	Literature and Visual Arts, 17 th and 18 th Century Studies, Women Studies.	5 years 6 months	Nil
Ms Saloni Sharma	M.Phil.	Popular Fiction, American Literature, Women Studies	5 years 6 months	Nil
Mr Pankaj Bharti	M.Phil.	Popular Fiction, Modern European Drama.	5 years 6 months	Nil
Dr Praveen Kumar Anshuman	PhD (BHU)	Late 20th Century British Drama, Indian English Literature, Technical Writing and Communication in English, Literary Theory, Postcolonial Subaltern Literature: Dalit Literature , African American Literature, Eco criticism, Religion	5 years 6 months	2
Dr Satyendra Kumar	PhD (Patna)	20 th Century Fiction	8 months	Nil
Dr Sanjay Verma	PhD (Rewa)	Media Studies, Crime Fiction.	8 months	Nil
Ms Sukanya Tikadar	M.Phil.	Dalit Studies, 18 th Century Literature	8 months	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: Nil

13. Students-Teacher Ratio (programme wise):

BA (Honours) English: 13:1

*All the B.A (Prog.), B.Com. (H), B. Com (Prog.), B. Sc. (H) & B. Sc.(Prog) are taught the subject by English Department, which is not included in calculating the Student-Teacher ratio.

14. Number of academic support staff (technical) staff: Nil

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Permanent	6	10	1
Ad-hoc	-	1	-

16. If any ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Dr. Praveen Kumar Anshuman	Innovation Projects KMC 301	2014-15	Changing Complexion of Delhi: A Study of Jhuggi-Jhopadi Clusters and Cultural Transition	Research Council, University of Delhi	3,50,000	-
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18. If any Research Centre / facility recognized by the University developed by you: Nil

19. Publications (Summary):

Name	Papers Publications:		Books Published	Chapters in books	Seminar/ Conference presentations	Monographs
	International	National				
Mr Keval Arora	4	13	-	-	10	-
Mr Dhananjay Kapse	1	2	-	-	-	-
Dr Someshwar Sati	5	1	2	-	30	-
Mr Deb Dulal Halder	2	1	7	3		13
Mr Rudrashish Chakraborty	-	-	-	1	4	-
Ms Saloni Sharma	-	1	-	-	-	-
Ms Amrapali Basumatary	1	1	-	2	-	-
Ms Saumya Garima Jaipuria	-	2	-	-	2	-
Dr Praveen Kr Anshuman	20	3	-	-	19	-
Dr Satyendra Kumar	-	2	-	4	-	-
Dr Sanjay Verma	-	3	-	2	-	-

In addition to the above, Mr Keval Arora has:

- More than 300 published articles in national level journals on Theatre Studies
- Performance reviews in national newspapers.

Mr Rudrashish Chakraborty has published an article titled ‘The Politics of the Possible’ on December 2013, in Millennium Post.

20. Areas of a)consultancy, b)collaboration with industry/institution; at the individual or institutional level:

Name of the Faculty	Area	Year
Mr Keval Arora	Visiting Faculty at the Department of English, DU	1989-2007
	Guest Faculty (Acting School, Shri Ram Centre of Performing Arts) – Orientation Lectures on Drama	2007-12
	Guest Faculty (National School of Drama) – Lectures on World Drama - Histories and Methods	2006
	Guest Faculty (School of Convergence – Journalism and Mass Media) – Lectures on Drama	2010-13
Mr Dhananjay Kapse	Visiting Faculty at the Department of English, DU	2010-12
Mr Rudrashish Chakraborty	Visiting Faculty at the Department of English, DU	2005-14
	Visiting Faculty at the National School of Drama, Delhi	2013-14

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board:

Mr Keval Arora has been a member of the following committees of National and International eminence:

1. Jury Member in the Central Panel (Feature Films) of the National Film Awards in 2011 and 2015 held at the International Film Festival of India at Siri Fort, New Delhi.
2. Jury Member, Hindu Metroplus Original Playscript in English in 2011, 2012 and 2014.
3. Member, Selection Panel (Arts Award), Charles Wallace India Trust Fellowship, 1997.
4. Curator (Scripts), Workshop on Contemporary German Drama, Max Mueller Bhavan, 2003.
5. Curator, Old World Collegiate Theatre Festival, India Habitat Centre, 2002-2015.
6. Member, Selection Committee (Plays), 12th Bharat Rang Mahotsava, National School of Drama, 2010.

22. Student projects:	Percentage of Students
In-house projects including inter departmental/programme	N.A.

Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	N.A.
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23 (a) Awards/ Recognitions received by faculty:

Name of Faculty	Award	Year
Dr Alka Rakesh	Fulbright Fellowship	1988-89
Mr Keval Arora	Award for Teaching Excellence	2009
Dr Praveen Kr Anshuman	Research Associate, IIAS, Shimla	2015-17

23 (b) Awards/ Recognitions received by students of B. A. (Hons.) English

Name of the Student	Award	Year
Gautam Chakraborty	Secured 1 st position in University	1984-89
Malay Firoz Das Arora	Secured 1 st position in University	2005-08
Shashank Sekhar Das	Secured 3 rd position in University	2008-10
Kanav Gupta	Secured 3 rd position in University	2006-11
Anjumon Sahin	Secured 2 rd position in University in II year Secured 3 rd position in University in III year	2007-10
Chinmaya Lal Thakur	Secured 3 rd position in University	2011-16

24. List of eminent academicians and scientists / visitors to the department:

Year	Special Lectures/ Workshops/ Seminars	Names of conducting individuals/ organisations/ institutions
2011-12	Jazz and Literature	Mr Nikhil Yadav, Assistant Professor, Department of English, Sri Venkateswara College, DU.
2011-12	Dickens and the Nineteenth Century	Dr Badri Raina, Associate Professor (Retired), Department of English, Kirori Mal College, DU.
2014-15	Modernism and James Joyce	Prof Udaya Kumar, Professor, Department of English, JNU (formerly DU).
2015-16	The Novel in the Nineteenth Century	Prof SambudhhaSen, Prof & Head, Department of English, Shiv Nadar University (formerly DU).
2015-16	Violence in T S Eliot's The Wasteland	Dr SubarnoChatterjee, Associate Professor, Department of English, DU.
2015-16	The Ethics of Postcoloniality	Dr Baidik Bhattacharya, Associate Professor, Department of English, DU.
2015-16	Mahabharata and Early India	Mr Kanad Sinha, Assistant Professor, Department of History, St Stephen's College, DU.

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National, A two day national seminar titled "Toiling Muses: Cultures of the Working Class" was organized by the Department of English, Kirori Mal College, in collaboration

with the Department of English, University of Delhi and held in the college seminar room on November 26 and 27, 2010.

Workshop: A workshop for English teachers in different colleges of the University of Delhi was organized by the Department of English, Kirori Mal College on September 15, 2001, on 'New World Literatures' which had become part of the revised curriculum of BA(Honours) English, English Society Funds, Kirori Mal College.

b) International: Nil

26. Student profile programme/course wise:

Name of the Course:	Applications received	Selected	Enrolled		Pass Percentage**
			*M	*F	
2011-12	-	57	23	34	-
2012-13	-	63	30	33	-
2013-14	-	92	39	52	-
2014-15	-	108	51	58	-

*M = Male *F = Female

** Refer to Section 5.2.2

27. Diversity of Students

Name of the Course:	% of students from the same state	% of students from the other states	% of students from abroad
BA(Hons) English			
2011-12	40%	60%	Nil
2012-13	50%	50%	Nil
2013-14	35%	64%	1%
2014-15	50%	50%	Nil
2015-16	50%	50%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Approximately 10-15 have cleared national and State competitive examinations, in the last 4 years. (Year wise data will be recorded in future.)

29. Student Progression:

Student progression	Against % enrolled (last 4 years)
UG to PG	
2011-12	10%
2012-13	10%
2013-14	12%
2014-15	15%

2015-16	14%
PG to M. Phil.	
2011-12	10%
2012-13	12%
2013-14	16%
2014-15	24%
2015-16	10%
PG to Ph.D.	3
Ph.D. to Post-Doctoral	Data not available

Some of the Distinguished Alumni of Department of English

Name	Year of Graduation	Designation	Organization	Industry
Suresh Raichura	1959-64	Associate Professor	Kirori Mal College, University of Delhi	Education
Gautam Bhattacharya	1973-76	Light Designer	Freelancer	-
Keval Arora	1973-78	Associate Professor	Kirori Mal College, University of Delhi	Education
Mangalam B	1979-84	Associate Professor	Aryabhata College, University of Delhi.	Education
Nandan Choksy	1980-83	Associate Professor		Education
Ashok Sangwan	1980-85		Government of India	
Ravi Kant Singh	1980-85	Sports Editor	Times of India, ESPN Star Sports	Sports Journalism
Siddharth Mishra	1983-88	Chief Editor	Millennium Post	Print Journalism
Habib Faisal	1984-87	Film Director		
Gautam Chakraborty	1984-89	Associate Professor	Department of English, University of Delhi.	Education
Uma Gupta	1985-90	Associate Professor	PGDAV (M) College, University of Delhi	Education
Manish Sharma	1986-89	Lt Colonel	Indian Army	Defence Service
Ritu (Vasu) Primlani	1986-89	Environment Activist and Performer		
Shailen Tuli	1986-89	Software Engineer & Music Composer	Google	
Ashish Abrol	1986-91	Income Tax Commissioner, Ludhiana	Government of India	Indian Revenue Service

Kavita Behl	1986-91	Film Director & Media Trainer	Top Quark Films (P) Ltd. National award winner thrice for documentaries.	Film Making & Photography
Nandan Saxena	1986-91	Film Director & Media Trainer	Top Quark Films (P) Ltd. Won the National Award thrice for documentaries.	Film Making & Photography
Sunjay Sharma	1986-91	Associate Professor	Kirori Mal College, University of Delhi	Education
Vijay Krishna Acharya	1986-91	Film Director	Yashraj Studios	Direction
Aruna Krishnamurthy	1987-92	Associate Professor	Fitchburg State College, MA, US.	Education
Nivedita Majumdar	1987-92	Associate Professor	City University of New York, US	Education
Sajla Chawla	1987-92	Media Professional		Media
Akshat Verma	1988-91	Creative Director and Script Writer		Script Writing and Direction
Kavita Joshi	1988-91	Creative Director	Independent Film Making (Documentary)	Film Making
Kuntal Tamang	1988-91, 93-95.	Associate Professor	Moti Lal Nehru College (M), University of Delhi	Education
Richa Sahai	1989-92	Television Journalist	NDTV	Electronic Media
Rohini Kohli	1989-92		United Nations	
Renuka Bisht	1989-94	Senior Assistant Editor	The Times of India	Print Journalism
Navneet Kumar	1991-96	Assistant Professor	University of Calgary, Canada.	Education
Amrita Ghosh	1992-97	Assistant Professor	Seton Hall, US	Education
Bimbisar Irom	1992-97	Assistant Professor	Washington State, US.	Education
Jonathan Brady	1996-99	Radio Jockey	KhurafatiNitin, FM Radio	Electronic Media
Saikat Ghosh	1997-2000	Assistant Professor	SGTB Khalsa College, University of Delhi.	Education
Rupleena Bose	1997-2002	Assistant Professor	Sri Venkateswara College, University of Delhi	Education
Anubh Anusree	1998-2003	Assistant Professor	Rajdhani College, University of Delhi.	Education
Rajorshi Kalita	1998-2003	Assistant Professor	Shyam Lal College (M), University of Delhi.	Education
Gaurav Sinha	1999-2002	Director & Script Writer	Independent Film Maker	Films and Television

Mrigankosekhar Sarma	1999-2004	Education Officer	University Grants Commission	Education Administration
Nakul Sawhney	2000-03	Creative Director	Independent Film Maker (Documentaries)	Film Making
Pankaj Bharti	2002-07	Assistant Professor	Kirori Mal College, University of Delhi.	Education
Shaunak Sen	2005-08	Documentary Film Maker	Independent Film Maker & Researcher	Film Making and Photography

30. Details of Infrastructural facilities

(a) Library

Year	Number of Books added to relating to English (College Library)	Amount Spent on New Books
2011-12	93	Rs.98000
2012-13	95	Rs.102000
2013-14	135	Rs.120000
2014-15	75	Rs.98000
2015-16	Details not finalized	Rs 98000

Apart from the college library, the Department of English also has a well-stocked department library which is utilized and maintained by both students and teachers of the Department.

(b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

(c) Class rooms with ICT facility:

The English Department Room is equipped with an LCD Projector to facilitate presentations and aid teaching- learning process.

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes: Refer to point no. 24

33. Teaching methods adopted to improve student learning:

- Well made classroom lectures to give a rigorous conceptual understanding to students.
- Regular tutorials to address individual problems in small group interactions.
- Writing workshops to improve writing and composition skills among students.
- Massive extra classes for students to enable their thorough understanding of difficult concepts not possible otherwise in the tight schedule of a semester.
- Remedial classes, especially in writing, for students who are slow in learning.
- Screening of feature films and documentaries to underline the crucial linkages between Narrative and Performative Literatures as well as different areas of Culture Studies.

- Organising workshops on Theatre and Creative Writing to understand the relationship between the theories and practices of different literary forms.
- To encourage research papers and seminar presentations among students to develop their critical faculties.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC/NSS/Social awareness programmes etc.:

Active participation in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat)

Strength:

- A big and a relatively young department with all permanent teachers.
- Highly reputed and quality faculty with a varied and diverse range of research interests and specializations.
- Intake of good quality students to strengthen the teaching-learning process.
- Excellent university results.
- Good Library facilities.
- Different platforms of interaction between students and teachers
- Have wide access to students of different courses as English as a subject is taught to all.
- The department is part of maximum interdisciplinary courses in the college/university.
- Most members of the department are actively involved in the cultural activities of the college, especially theatre, debating, films, music, fine art and photography etc.
- Maximum involvement of the department in the corporate life of the college.

Weakness:

- Finds difficulty in completing syllabus on time owing to the tight semester schedule.
- Not enough space for proper tutorials across different courses.
- Lack of space and time does not allow proper remedial classes for weak students.
- Individual attention and mentoring of students have become difficult owing to burgeoning number of students.

Opportunities:

- To spearhead cutting edge teaching and research areas in line with premier global institutions.
- Being one of the biggest English departments across all colleges in the University of Delhi, there is enough human resource to cater to the students of entire institution.
- The wide range of academic interests and specializations among the faculty members can provide diverse pedagogical tools to students.
- The involvement of the entire department in various activities of the college has added value to the extension activities and the corporate life of the institution.

Threat:

- The steady withdrawal of the state from higher education which has adversely affected disciplines in Humanities including English.
- Dilution of the rigour and the critical component in the English studies in the name of syllabus revision during FYUP and CBCS.

- The growing tendency of English studies to shift from literature and critical research areas which are interdisciplinary in nature to very mechanical language studies.
- The adverse ratio between the teachers and students poses a serious threat to the quality of classroom teaching and small group interaction like tutorials.

b) Future plans:

- Create a research center with collaboration with other disciplines and institutions.
- We have plans to organize workshop, seminars and special lectures in collaboration with other colleges and institutes.
- Create a database of Alumni of the department.

Department of Geography

1. Name of the Department: Geography

2. Year of Establishment: 1963

3. Names of the Programmes offered:

B.A. (Honours) Geography

4. Names of Inter-disciplinary courses offered	Departments involved
Generic Elective	All
Environmental Studies	All

5. Annual/semester/choice based credit system (programme wise):

B.A. (Honours) Geography, Semester mode

B.A. (Honours) Geography, Erstwhile FYUP

B.A. (Honours) Geography, CBCS

6. Participation of the department in the courses offered by other Departments:

As per CBCS the Department offers one Generic Elective (GE) paper to students of all the Honours Courses.

7. Courses in collaboration with other Universities:

EDUSAT's basics course on Remote Sensing, Geographical Information System and Global Positioning System. With IIRS, Dehradun (Course Coordinator: Seema Mehra Parihar) (2008-2010)

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification

9. Number of Teaching Posts- 9 (Nine)

Category	Sanctioned	Filled
Associate Professors	9	4
Assistant Professors		5

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D / M.Phil. etc.,)

Name	Qualification	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Rekha Sharma	M.A., M.Phil, PhD.	Urban Geography, Statistical Methods in Geography, Field Techniques in Geography	37 years and 4 months	Nil
Dr. Kaushal Kumar Sharma	M.A., M.Phil, PhD.	Agriculture Geography Disaster Management, Rural Development and Agriculture Transformation and Spatial Development	31 years	Registered 3 Submitted: 2 Awarded: 1
Dr. Seema M Parihar	M.A., M.Phil, PhD.	Natural Resource Management & REMOTE SENSING & GIS, Gender & Geographical Thought	28 years	Registered 2 Submitted: 1 Awarded: Nil
Dr. Anshu	M.A., M.Phil, PhD.	Urban Geography, Remote Sensing & GIS, Cartography, Geography of tourism	25 years	Registered 4 Submitted 2 Awarded 2
Dr. Arun Kumar Tripathi	M.A., M.Phil, PhD.	Political Geography	9 years	Nil
Dr. Karuna Shree	M.A., M.Phil, PhD.	Political Geography, Electoral Geography	9 years	Nil
Dr. Khusro Moin	M.A., Ph.D.	Agricultural Geography	9.5 years	Nil
Dr. Mohammed Baber Ali	M.A., Ph.D.	Thematic Cartography & Environmental Geography	10 years	Nil
Ms Kanchana Narasimhan (VH)	M.A., M.Phil	Political Geography	7 years	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty:

About 18% of the classes of B.A. (Honours) Geography are taught by the Guest faculty.

13. Students-Teacher Ratio (programme wise):

B.A. (Honours) Geography: 27:1

14. Number of academic support staff (technical) staff:

Two (1-Sr Cartographic Assistant, 1-Lab Attendant)

15. Qualifications of Permanent Teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil./PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Permanent	8	1	-

16.

If any ongoing projects from a) National b) International funding agencies and grants received.

Title/Subject of Research Project(s)	Nature of project	Date of Commencement	Date of Completion	Total Grants / Funding received (in rupees)	Name of Sponsoring/ Funding Agency
Dr Kaushal Kumar Sharma					
Ecological Restoration and Socio-economic Empowerment of Rural Communities for sustainable Livelihood and Resource management in Uttarakhand	Major	12-01-2011	onwards	79,86,000	THDCIL RISHIKESH, UTTARA KHAND
Ecological Restoration and Socio-economic Empowerment of Rural Community for sustainable Livelihood and Resource management in Upli Ramoli of Pratap Nagar, Tehri Uttarakhand	Major	01-04-2015	31-03-2016	85,42,000	SEWA-THDC Rishikesh
Impact Assessment Study of Project for Skill Development Programme for SC/ST/OBC/Women&EWS	Minor	15-07-2015	-	1,65,000	Power Finance Corporation Ltd. New Delhi
Dr Seema M Parihar					

“Gender Atlas of India : A Thematic Perspective Series 2 (Principal Investigator) from Ministry of Women and Child Development, Government of India	Major	2014-onwards	7,07,000/-	Ministry of Women and Child Development, Government of India	Ongoing
“Gender Atlas of India : A Geospatial Perspective Series 1 (Principal Investigator) from Ministry of Women and Child Development, Government of India	Major	2013-onwards	3,86,500/-	Ministry of Women and Child Development, Government of India	Ongoing
Devise a Grassroots’ Level Geospatial System for Climate –Stress Management in Bhilangana Basin of Garhwal Himalayas”, (Principal Investigator), from Department of Science and Technology, New Delhi	Major	2011-14	14,97,000/-	Department of Science And Technology, Ministry of Science & Technology	Ongoing
Dr Arun Kumar Tripathi					
Predictive Modelling of Large-Scale Landslides along the National Highway using Weights of Evidence Approach, Himachal Pradesh	Major (Co-PI)	36 months	57,56,740	Department of Science and Technology	Ongoing

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Title/Subject of Research Project(s)	Nature of project	Date of Commencement	Date of Completion	Total Grants / Funding received (in rupees)	Name of Sponsoring/ Funding Agency
Dr Kaushal Kumar Sharma					
Impact Evaluation Study under TRYSEM in UNA District of Himachal Pradesh	Minor	1987 (3 months duration)		10,000	Rural Development Department, Govt. of Himachal Pradesh
Impact Evaluation of Government Schemes on Socio-Economic Empowerment of Women in Himachal Pradesh	Minor	1998 (3 months)		1,25,000	H.P. State Commission for Women, HIMACHAL PRADESH
Development Gap and Spatial Patterns of Poverty	Major	10-11-2004	09-11-2006	4,31,013	UGC

and Inequality in Himachal Pradesh					
Database For Mitigation And Management of Earthquake And Landslides (Geo-hazards) on GIS Platform Using Space Technology For Kangra, Mandi, Hamirpur And Una District of Himachal Pradesh	Major	12-05-2005	11-05-2007	6,52,000	Department of Science and Technology, Ministry of Science & Technology
Landslide Hazard Mapping Along State Highway 6 (Nahan to Rajgarh) and Micro Zonation of Dadahu Landslide Area on GIS Platform Using Remote Sensing	Major	21-02-2006	20-02-2008	18,02,400	Department of Science and Technology, Ministry of Science & Technology
Natural Hazards: Vulnerability and Risk Assessment of Agriculture on GIS Platform Of District Kangra, Himachal Pradesh	Major	23-12-2010	22-12-2012	7,45,200	UGC
19 Effected Villages of Vishnugad Pipalkoti Hydro-Power Project	Major	29-01-2011	05-04-2011	6,09,500	THDC, Rishikesh, Uttarakhand
Ecological Restoration and Socio-economic Empowerment of Rural Communities for sustainable Livelihood and Resource management in Uttarakhand	Major	16-03-2012	16-03-2013	94,32,500	THDC, Rishikesh, Uttarakhand
Understanding the Chemical Metamorphosis caused due to industrial pollution in Shivalik region of the Himalayan Belt	Major	Apr-12	Apr-13	10,45,000	University of Delhi
Ecological Restoration And Sustainable Management of Degraded Ecosystem in Aravalli Range in Gurgaon	Minor	22-06-2012	17-07-2012	2,95,000	Power Grid Corporation of India Ltd. Gurgaon
Ecological Management Through Plantation Work Under Sustainable Development Programme in Deengaon	Major	15-07-2012	17-07-2013	5,04,350	THDC, Rishikesh, Uttarakhand
Baseline Survey for Need Assessment for 21 villages of block Bhadar, Chatrapati Shahuji Maharaj Nagar (U.P.)	Major	16-11-2012	15-02-2013	4,56,500	SEWA –THDC Rishikesh
Modernisation of Panchakki-Water Resource Management And Energy Enhancement for Sustainable Livelihood Management fn	Major	20-12-2012	05-03-2013	9,48,200	THDCIL, Rishikesh, Uttarakhand

Naugura Gad at Deengaoon, Pratapnagar, District-Tehri					
Impact Evaluation Study of Maternal And Child Health Care in 15 Villages of District Mewat, Jhajjar and Gurgaon of Haryana	Consul tancy	05-09-2013	04-10-2013	2,44,000	Power Grid Corporation of India Ltd. Gurgaon
Baseline Survey For R&R Of Rural Communities For Sustainable Livelihood And Socio Economic Empowerment In 7 Villages Of Rudraprayag District Of Uttarakhand	Major	27-09-2013	27-10-2013	6,20,500	THDCIL Rishikesh, Uttarakashi
Baseline Survey for Reconstruction and Rehabilitation of rural Communities for Sustainable Livelihood and Socio Economic Empowerment in Two Villages Of Rudraprayag District Of Uttarakhand,	Major	30-09-2013	07-10-2014	3,80,500	MAZAGON DOCK LTD , MUMBAI
Need Assessment for Community Development Programme for Sustainable Livelihood and socio-economic Empowerment in 11 villages of Kotlibhel in Tehri Garhwal District of Uttarakhand	Major	08-10-2013	07-12-2013	5,44,500	NHPC, KotliBhel
Socio-Economic Empowerment of Community through Horticulture And Agriculture Activities in one of the Affected Village Sera in Kotlibhel HE Project-1a Area in Tehri Garhwal District Of Uttarakhand	Major	08-11-2013	08-01-2014	5,44,000	NHPC LTD, KOTLI BHEL
Baseline Survey of Community Development programme for Sustainable Livelihood and socio-economic Empowerment in 15 Villages of Parbati -III power project Catchement area in Kullu District of Himachal Pradesh	Major	12-11-2013	12-01-2014	4,95,000	NHPC Faridabad
Ecological Restoration and Socio-economic Empowerment of Rural Community for sustainable Livelihood and Resource management in Upli Ramoli	Major	01-12-2013	30-11-2014	73.39 Lacs	SEWA-THDC Rishikesh

of Pratap Nagar, Tehri Uttarakhand					
Mid-Term Assessment Of 12 Projects in Maharashtra Under CSR Activities of Mazagon Dock Ltd.	Minor	11-12-2013	11-02-2014	2,01,300	MDL Mumbai
Baseline Survey or Reconstruction And Rehabilitation of rural Communities for Sustainable Livelihood and Socio Economic Empowerment in Gavni and Chandrapuri Villages of Rudraprayag District of Uttarakhand	Major	13-12-2013	till date	1,49,00,000	MAZAGON DOCK LTD, MUMBAI
Preparation of Detail Project Report for Solid Waste Management for Mangan Area in North Sikkim	Major	08-03-2014	08-04-2014	5,22,500	NHPC, East Sikkim
Baseline Survey for Corporate Social Responsibility and Sustainability Programme for Sustainable Livelihood and Socio Economic Empowerment in 90 Villages of Manikaran, Sainj And Garsa Valley in District Kullu, Himachal Pradesh	Major	09-08-2014	09-10-2014	10,56,000	NHPC LTD, NAGWAIN, MANDI, HIMACHAL PRADESH
Feasibility Study at NJHPS and RHEP for undertaking CSR and Sustainability Project	consultancy	11-08-2014	10-09-2014	35,000	Satluj Jal Vidyut Nigam Ltd
GIS Mapping of 30 villages of Tehri District in Uttarakhand	consultancy	22-09-2014	07-10-2014	35,000	PHD Rural Development Foundation
Need Assessment Survey and Gap Analysis of short term project in Roorkee, Uttarakhand	consultancy	28-10-2014	04-11-2014	15,000	PHD Rural Development Foundation
CSR Training Programme on PAN INDIA Basis	Major	05-12-2014	27-03-2015	5,32,400	NBCC-Delhi

Project on Ecological Restoration and Socio-economic Empowerment of Rural Communities for sustainable Livelihood and Resource management in Upali Ramoli Patti of Pratap Nagar Block, District-tehri Garhwal, Uttarakhand funded by THDC India Ltd (Government of India Undertaking) , Rshikesh is also supported by Rotary Internation under Global Grant for Health, Education and Women Empowerment

Triple Mutual Agreement has been signed between Cambridge School, Kirori Mal College and THDC India Ltd for teaching and learning of the programme (from Lab to Field) for the student of Cambridge school and the student of Government School in study area

Title	Nature of Project	Year	Total Grant/ Funding received (Rs)	Name Sponsoring/ Funding Agency
Dr Seema M Parihar				
Strengthening Capacity Building through developing a unique portal for Geospatial Education & Training” , Co- Principal Investigator, from Department of Science and Technology, New Delhi (collaborating with Bharati Vidyapeeth University,Pune)	Major	2012-15	Rs 37,00,000	Department of Science And Technology, Ministry of Science & Technology
Mapping the Spatial Topology of two sub- glacier basins of NW Himalayas for multi class change detection using MODIS, Landsat and IRS data from University of Delhi (Innovative Project : KMC-105)	Innovative	2013-14	Rs 10,00,000	University of Delhi
Integrated Environmental Resource Management of Bhilangana Basin Using High Resolution Remote Sensing Data & GIS	Major	2010-12	Rs. 10,63,700	UGC
Mapping Wetland Stress Pattern of East Kolkata Wetland Using High Resolution Remote Sensing Data(At dcrc, Delhi University) from University of Delhi	DU	2011-12	Rs 1,00,000	University of Delhi
Evolving Web Based Geospatial Capacity Building Infrastructure (WGCB) for Map Use Research	Major	2007-09	Rs 3,53,000/-	UGC
Regionalisation of Bhagirathi Basin for Natural Resource Management	Minor	1986-87	Rs 70,000/-	UGC
Dr. Anshu				
Pattern & Trend of micro climatic changes in Shimla & its impact on Tourism	Minor	1998-99	Rs.45,000	UGC
Planning, Management and Development of Tourism in Bihar	Major	2009-2011	Rs.568840	UGC

Name of the Teacher	Nature of the Project	Project Name	Name of the funding agency	Total grant received
Dr. Kaushal Kumar Sharma & Dr. Arun Kumar Tripathi	DU Innovation Project	Traditional Knowledge and Sustainable Livelihood in Pratap Nagar Block, Tehri Garhwal, Uttarakhand	Delhi University	Rs 3,00,000
Dr. Kaushal Kumar Sharma	DU Innovation Project	Preparation of Biocompatible Palladium –Noscapine Nanoparticles for cancer therapy	Delhi University	Rs.5,50,000
Dr. Kaushal Kumar Sharma	DU Innovation Project	Understanding the Chemical Metamorphosis caused due to industrial pollution in Shivalik region of the Himalayan Belt	Delhi University	Rs. 10,45,000
Dr Anshu	DU, Innovative Project	Public Funds & Private Responsibilities (with Statistics & Economics Department), 2013-14	Delhi University	Rs.5,25,000
Dr Khusro Moin & Dr Baber Ali	DU Innovation Project	Workers in Fast Food Outlets: A Glimpse of their Life	Delhi University	3,00,000

18. If any Research Centre / facility recognized by the University developed by you: Contributed to the research centre as follows:

- Dr Kaushal Kumar Sharma & Dr Arun Kumar Tripathi: Development and Research Centre at Deen Gaon Uttarakhand now recognized by Rotray Internation under Global Grant for Health Services, Women Empowerment and Education
- Dr Seema Mehra Parihar: Joint Director, Developing Countries Research Centre (DCRC), University of Delhi, (May 2010 –July2015)

19. Publications (Summary):

Name	Papers Publications:		Books Published	Books Edited	Chapters in books	Monographs/Manuals
	International	National				
Dr Kaushal Kumar Sharma	1	3	4	-	11	-

Dr Seema Mehra Parihar	3	30	1	4	3	7
Dr. Anshu	-	5	3	1	5	-
Dr Arun Kumar Tripathi	-	-	-	-	4	-
Dr Khusro Moin	-	-	-	-	2	-
Dr. Mohammed Baber Ali	-	-	-	-	2	-

Publications (Details):

Dr Kaushal Kumar Sharma

List of Publications:

1. Historical Legacy of Spatial Structure of Development in India THINK INDIA QUATERLY, K. K. Sharma, Jan-Mar 2002, Vol 5 No. 1, page 33-52, ISSN: 0971-1260, National
2. Heavy Metal ions levels and related physicochemical parameters in Soils in the vicinity of a Paper Industry Location in Nahan area of Himachal Pradesh , Journal of Environmental & Analytical Toxicology, K. K. Sharma et al., 4-6, 2014, Vol 4 Issue 6, Page 1-7, Refereed, ISSN: 2161-0525 JEAT, International, Impact factor- 2.58.
3. Corporate Social Responsibility: An Experience of Expectation, Reality and Challenges from Garhwal Himalaya of Uttarakhand Change in Cryosphere : Its Impact on Ecosystem and Rural Livelihoods (International Conference Proceedings published 13-14 Oct 2014), K. K. Sharma et al., Nov 2014, Excel
4. Corporate Social Responsibility: An Experience of Expectation, Reality and Challenges from Garhwal Himalaya of Uttarakhand Change in Cryosphere : Its Impact on Ecosystem and Rural Livelihoods (International Conference Proceedings published) K. K. Sharma et al., Excel India Publishers, New Delhi, ISBN: 978-93-83842-76-6

Books:

1. Environmental Geo-Hazards, Science and Society, Dr. K.K. Sharma et. al., 2006, Research India Press New Delhi, ISBN: 81-89131-08-7
2. Environmental Geo-Hazards, Science and Society, Dr. K.K. Sharma et. al., 2011, Research India Press New Delhi, ISBN: 978-81-89131-37-1
3. Himalaya Parvat may Sansadhan Prabandhan, Dr. K.K. Sharma et. al., 2009, Research India Press New Delhi, ISBN: 978-81-89131-29-6
4. Perspective of Regional Development, Dr. K.K. Sharma et. al., 2016 Research India Press New Delhi, ISBN: 978-9-5171-016-5

Chapters in books:

1. Understanding Environmental Risks: Approaches and Methods of Model Villages for Rural Development in Himalaya Rural Environment Management, K. K. Sharma, B.R. Publishing Corporations , Delhi, April 2008, 817646625-5
2. Understanding Cloud Burst Mechanism in Himalayas: An Approach in Modelling in Environmental Hazard, Environmental Geo-Hazards, K. K. Sharma, Research India Press, New Delhi, June 2006, ISBN: 81-89131-08-7

3. Remote Sensing and GIS: A Comprehensive Approach of Landslide Hazard Management Environment Geo-Hazards, Vol 2 K. K. Sharma, et al., Research India Press New Delhi, ,PAGE 210-214, Oct 2011, ISBN: 978-81-89131-37-1
4. Evaluation of TRYSEM Plan in Himachal Pradesh, Geography in Delhi, K. K. Sharma, Manisha Publications , New Delhi, April2005, ISBN:81-87740-06-X
5. Landslide Hazard Mapping and Micro-zonation of Sample Landslide in Parts of State Highway in Sirmaur District of Himachal Pradesh, Geo-Hazards: Challenges and Solutions, K. K. Sharma, et al., Research India Press New Delhi, Nov 2013, ISBN: 978-81-89131-59-3
6. Land Degradation and Landslide Susceptibility Assessment in Lower Jalal Catchment in Sirmaur, HP, Natural Resource Conservation and Food Security, K. K. Sharma et al., Bishen Singh Mahinder Pal Singh Publishers, Dehradun Oct 2012 ISBN: 978-81-211-0840-9
7. Himachal Pradesh Key Sirmaur Janpad Main Sudoor Samvedan Evam GIS Technique Dawara Bhooskhalan Ka Adhyan Bhuskhalan and Paryavaran Hras, K.K. Sharma et al., Gyanoday Prakashan, Nainital, Oct 2012 ISBN: 81-85097-95-X
8. Geography Matters In Interlinking Rivers In India, Use and Misuse of Land and Water Resources, K. K. Sharma, B.R. Publishing Corporations, Delhi, Dec 2006, ISBN: 817-646567-4
9. Understanding Environmental Risks And Rural Development in Himalayas, Department of Geography, HNB Garhwal University
10. Agricultural Transformation And Crop Combination Regions In Himachal Pradesh, Land Use : Reflection on Spatial Informatics Agriculture and Development, K. K. Sharma, Concept Publishing Company, New Delhi, Page 100-134, Oct 2008, ISBN: 81-8069-463-1
11. Himalaya K Eek Nirmal Paryavaran Vid-Sri Sachidanand Bharti, Himalaya Parvat Me Sansadhan Prabandhan, K.K. Sharma et al., Research India Press, New Delhi, Oct 2009 ISBN: 978-81-89131-29-6

Dr. Seema M Parihar

List of Publications:

1. Fuzzy risk assessment modelling of East Kolkata Wetland Area:A remote sensing and GIS based approach Soma Sarkar, Seema M. Parihar&Amitava Dutta Research Paper (November, 2015), Environmental Modelling & Software ,75,2015, pp.105-118 ISSN: 1364-8152 Publisher: Elsevier Science Impact Factor 4.420 (2015)
2. Seema M. Parihar, Scripting the Change:Bandung+60 Engaging with the Gender Question and Gendered Spaces Research Paper/Article (2015), Khudori Darwis, 2015, Bandung at 60: New Insights and Emerging Forces, 60 years after the Bandung Asian African Conference Indonesia: Pustak Peljar pp. 175-193 ISBN No. 978-602-229-552-5
3. Seema M. Parihar et al., Mapping of Glaciers Sensitivity Spatial Topology in North-West Himalaya using Spatial Modeling,, IJARSGG (2014) Vol.2, No.2, 1-10, Research Paper (2014), International Journal of Advancement in Remote Sensing, GIS and Geography (IJARSGG -IROSSS) 1-10, ISSN 2321-8355
4. Mapping of cropping pattern of East Kolkata Wetland Area using multi-temporal Satellite data", Volume 8, Issue 2, pages 90-95. Soma Sarkar & Seema M Parihar, Research Paper (2015), Journal of Geomatics ,pp. 90-95 ISSN: 0972-642X
5. Characterizing wetland dynamics: a post-classification change detection analysis of the East Kolkata Wetlands using open source satellite data, June 2013, Volume 28, Issue 3, pages 273-287. Seema M Parihar, et al., Research Paper/Article (2013)

- Geocarto International, pp. 273-287. ISSN 1010-6049 (Print), 1752-0762 (Online) DOI:10.1080/10106049.2012.705337
6. Conceptualizing Space and Indigenous Knowledge: Articulations and Considerations for Natural Resource Management in Himalayas in G.N.Devi, et.al., (Ed.) Knowing Differently: the Cognitive Challenge of the Indigenous Seema M Parihar, et.al. Research Paper/Article (2013) G.N.Devi , et.al., (Ed.) Knowing Differently: the Cognitive Challenge of the Indigenous New Delhi: Routledge Publication pp.198-224. 2013
 7. Seema M. Parihar, Web Mapping Practices – A Map Use Research Perspective, Published as an Occasional Paper, Volume 1 (2), Article (2010) Occasional Paper, Volume 1 (2).
 8. Seema M. Parihar, Institutional Steering for Sustenance of Digital Learning Environment,, Volume V, Issue 1. January 2009 –.(pp.32-34), Article (2009), Digital Learning, (pp.32-34) Volume V, Issue 1. January 2009 – ISSN- 0973-41391 & UPENG/2008/25311 (Special Invitee in Anniversary Issue)
 9. Seema M. Parihar , Tech Tools for Geospatial Learning in Digital Environment, Geospatial Today, Vol.5 . Issue 4.p.p 40-46., Article (2007) Geospatial Today, p.p 40-46. ISSN No. 0972-6810 L-I/RNP/HD/1125/
 10. Seema M. Parihar, Standardisation in Geo ICT Arena, Vol.5. Issue 5.p.p 40-46. Feb,2007 Article (2007) Geospatial Today, p.p 40-46.
 11. Seema M. Parihar , Geospatial Metadata – A Plural Reality, Vol.5. Issue 6.,p.p 42-46. Mar,2007, Article (2007), Geospatial Today, 42-46
 12. Seema M. Parihar , GII- how close ,how far, Vol.5 . Issue 6.p.p 41-44. May,2007, Article (2007, Geospatial Today, p.p 41-44
 13. Seema M. Parihar, Catching that Fleeting Detail, Vol.6. Issue 6.p.p 42-45. August,2007, Article (2007) Geospatial Today, pp 42-45
 14. Seema M. Parihar, IR Mapping- Seeing the Unseen, Vol.6. Issue 7.p.p 43-46. September,2007, Article (2007) Geospatial Today, pp 43-46
 15. Seema M. Parihar, Collaborate to reach Geocommons, Vol.6. Issue 8.p.p 39-42. October,2007, Article (2007)Geospatial Today, pp 39-42
 16. Seema M. Parihar , Scaling Up for Accuracy, , Vol.6. Issue 10.p.p 43-46. December,2007 Article (2007) Geospatial Today, pp 43-46
 17. Seema M. Parihar , Zeroing on Data Errors, Vol.4, Issue6, pp.37-42. March 2006 Article (2006) Geospatial Today, pp 37-42
 18. Seema M. Parihar , Freedom to Open, Vol.4, Issue7, pp.44-46. April,2006, Article (2006) Geospatial Today, pp 44-46
 19. Seema M. Parihar, GSEI for Sustaining Global Manpower Development, Vol.4. Issue 8.p.p 23-26. May,2006 Article (2006) Geospatial Today, pp 23-26
 20. Seema M. Parihar, Geospatial Democratization -Embedded GIS, Vol.4. Issue 10.p.p 33-36. July, 2006, Article (2006) Geospatial Today, pp 33-36
 21. Seema M. Parihar , 3-D GIS: Much Awaited Technology, Vol.4 . Issue 11. August,2006 Article (2006) Geospatial Today, pp 43-46
 22. Seema M. Parihar, BPR Essential for Sustainable Development, Vol.4. Issue 120.p.p 38-44. Sep 2006 Article (2006) Geospatial Today, pp 38-44
 23. Seema M. Parihar The Three GS of Satellite Navigation, Vol.5. Issue 1.p.p 31-36. october,2006 Article (2006) Geospatial Today, pp 31-36
 24. Seema M. Parihar, Traditional and Technological Imperatives of Geospatial Modeling, , Vol.5 . Issue 2.p.p 40-45. Nov,2006 Article (2006) Geospatial Today, pp 40-45
 25. Seema M. Parihar , Cartography Caught on the Net for Good, Vol.5 . Issue3,pp 39-41,Dec,2006, Article (2006) Geospatial Today, pp 39-41
 26. Seema M. Parihar et al., Characterization of Forest Resource Units of the Bhagirathi River Basin in PPSinghGarhwal Himalaya using Remote Sensing and GISi n

- Perspectives in Plant Ecology & Environmental Biology, Research Article – 2005, PPSingh, Garhwal Himalaya using Remote Sensing and GIS in Perspectives in Plant Ecology & Environmental Biology Scientific Publisher, Jodhpur
27. Seema M. Parihar et al., Application of Remote Sensing for Soil Resource Assessment in Uttaranchal, a case of Bhagirathi Basin in S.K. Tandon & B. Thakur, (eds), New Delhi: In. Recent Advances in Geomorphology, Quaternary Geology and Environmental Geosciences: Indian Case Studies, Eds. S.K.Tandon and B.Thakur, Research article 2004 S.K. Tandon & B. Thakur, (eds), New Delhi: In. Recent Advances in Geomorphology, Quaternary Geology and Environmental Geosciences: Indian Case Studies, Eds. S.K.Tandon and B.Thakur., Manisha Publications p.p. 103 to 116., Ad ID: 222469846
 28. 'GIS Vision in Insurance Sector through Information and Communication Technology (ICT)', in p.p. 125 to 133 (Seema M. Parihar et al.,) Article (2004) Souvenir during Seminar on GIS by National Insurance Academy, Pune & . Above article published in Bima-Quest, in p.p. 125 to 133 NIA, Pune
 29. Seema M. Parihar, GIS in Indian Colleges, in Iran Geomatic (www.irangemomatic.org/gis2.html) Article (2004) Iran Geomatic, pp 56-62, (www.irangemomatic.org/gis2.html)
 30. Seema M. Parihar , Integrating Role of Teachers in Ushering Information and Communication Technology (ICT) in Higher Education of Geo-Informatics Vol II, No.2. (http://www.i4donline.net/issue/feb04/higher_full.htm , Article (2004) in I4 d-Information for Development ISSN 0972 - 804X
 31. Seema M. Parihar , Data Accessibility Still in the Slow Lane for Academicians". (<http://www.gisdevelopment.net/magazine/gisdev/2003/apr/dassla.shtml> Article (2002), GIS Development p p 23-27 ISSN (Print) 0887-3801 ISSN (on Line) 1943-5487
 32. Seema M. Parihar , Higher Education in Spatial Information Industry : A Case for Promoting Mutual Interest in Geography at University Level' GIS Development ISSN (Print) 0887-3801 ISSN (on Line) 1943-5487
 33. Seema M. Parihar et al., Devise a Grassroots' Level Geospatial System for Climate – Stress Management in Bhilangana Basin of Garhwal Himalayas", (Principal Investigator), from Department of Science and Technology, New Delhi, Proceeding Article, DST 2015, DST Invite meeting on Climate Change I

Books :

1. Geomorphology, E-Book, Conceptualised & Edited, Institute of life Long learning, University of Delhi
2. Climatology, E-Book, Conceptualised & Edited, Institute of life Long learning, University of Delhi
3. E-Learning Course ware on Mapping with Free Hand Book, Co –Author, Allied Publishers (Delhi) 2007, ISBN :81-8424-156-9
4. Conceptualizing Space and Indigenous Knowledge: Articulations and Considerations for Natural Resource Management in Himalayas in G.N.Devi, et.al., (Ed.) Knowing Differently: the Cognitive Challenge of the Indigenous Research Article –Chapter in a Book, Co –Author, New Delhi: Routledge Publication pp.198-224. 2013, ISBN :978-0-415-71056-5
5. Introduction to Geoinformatics -Overview of Geoinformatics MGY-001, Text Book, Content Editor, Indira Gandhi National Open University 2012, ISBN- 978-81-266-5844-2
6. Characterization of Forest Resource Units of the Bhagirathi River Basin in PPSingh Garhwal Himalaya using Remote Sensing and GIS in Perspectives in Plant Ecology &

- Environmental Biology Research Article –Chapter in a Book, Co –Author Scientific, Jodhpur. 2004, Ad ID: 222469846
7. “Society’s new Language’by GIS visionary, Jack Dangermond, Vol.4, Issue5, pp.34-38. (January 2006) Edited Article (2006) Editor Geospatial Today, pp.34-38. ISSN No. 0972-6810 L-I/RNP/HD/1125 ISSN No. 0972-6810 L-I/RNP/HD/1125
 8. Application of Remote Sensing for Soil Resource Assessment in Uttaranchal, a case of Bhagirathi Basinin S.K. Tandon & B. Thakur, (eds), New Delhi: In. Recent Advances in Geomorphology, Quaternary Geology and Environmental Geosciences: Indian Case Studies, Eds. S.K.Tandon and B.Thakur, Research Article S.K. Tandon & B. Thakur, (eds Co –Author Manisha Publication. p.p. 103 to 116, ISBN:978-
 9. GIS Management for Micro Level Planning in Rural India (Published Manual & Proceedings) Manual 2004 Co-Author (2004) (DISNIC Plan Project, A Sponsored Project of the Planning Commission)
 10. Hands on with JT Maps (GIS & DIP) (Published Manual) Manual 2004 Sole Author (2004), Co-Sponsored by JT Maps.
 11. GISand ICT for Development Managers Manual 2005 Co-Author (2004) UNSponsored –CDAC & GRAIL coordinated
 12. Geographic Information System for UP Housing BoardManual 2007 Sole Author, Sponsored Project of the UP Housing Board
 13. Course Material for Workshop on Enhancing Learning Spaces for School Childre, Manual 2007, Sole Author, DST Sponsored
 14. Digital image Processing with Hands On Exercises practiced using ERDAS IMAGINE 2010 (20-22 July,2010 Manual 2010 Co-Author DCRC & ERDAS Imagine Software
 15. Introduction to GeoinformATICS Content Editor & Member Programme Design Committee4 text books, 4 text books, Content Editor &Member Programme Design Committe Indira Gandhi National Open University 2012, ISBN- 978-81-266-5844-2; ISBN- 978-81-266-5845-9; ISBN- 978-81-266-5846-6; ISBN- 978-81-266-5847-3;
 16. Remote Sensing and image Interpretation 4 text books Course Contributor & Member Programme Design Committee 4 text book Course Contributor & Member Programme Design Committee Indira Gandhi National Open University 2012, ISBN- 978-81-266-5966-1; ISBN- 978-81-266-5967-8 ISBN- 978-81-266-5968-5; ISBN- 978-81-266-5969-2
 17. Global Navigation Satellite System & GIS Member Programme Design Committee 4 text books Member Programme Design Committee Indira Gandhi National Open University 2013 ISBN- 978-81-266-6317-0; ISBN- 978-81-266-6318-7; ISBN- 978-81-266-6319-4, ISBN- 978-81-266-63207-0

Dr. Anshu

Books Edited:

1. Anshu, Food Security in India, Kalakriti Offset, Patna, ISBN 8190366157

Books Published

- 1 Anshu, Prem Singh Meena and Ajit Kumar, Atlas- India and the World, Study Today Publications, Delhi-Patna, ISBN 978-9-38-055800-4
- 2 Anshu, Prem Singh Meena and Ajit Kumar Atlas – Bharat Avam Vishva, Study Today Publications, Delhi-Patna, ISBN 978-9-38-055801-1
- 3 Anshu India- Urban Tourism Systems; Delhi University Publication Division, ISBN 81-89695 31-8

List of Publications:

1. Anshu, Barkatullah Khan, S.Fazal D Firdausi (2014) "Incessant Disasters, Vulnerability and Community Response in India," in World Focus, July 2014, Delhi. ISSN 2230-8458
2. Anshu, S.Fazal D Firdausi, (2013) "Need for Regulatory Mechanism for Theme-cum-Amusement Parks", Amity University, U.P
3. Anshu, S.Fazal D Firdausi, (2011) "Political Turmoil, Renaissance and Tourism of North African Spring" in Indian Journal of African Studies, Delhi, April-Oct, 2011
4. Barkatullah Khan, Anshu and S.Fazal D Firdausi, (2011), "Floods in Delhi", in World Focus, March 2011, Delhi, ISSN 2230-8458
5. Anshu (1998) "Cartographic Education" in Indian Cartographer, Volume 16.

Chapters in Books:

1. Ideator- Geography Practical Manual, Class XI, CBSE-International, e-learning
2. Ideator - Geography Resource Manual, Class XII, CBSE-International, e-learning
3. Member Text Book Committee for Social Science – Resources and Development, Class VIII, NCERT, ISBN8174508164
4. Member Text Book Committee for Social Science – Our Environment, Class VII, NCERT, ISBN8174507140
5. Member Text Book Committee for Social Science – The Earth Our Habitat, Class VI, NCERT, ISBN8174504915

Dr.Arun Kumar Tripathi

List of Publications:

1. Tripathi, Arun Kumar (2014), 'Climate Security and Geopolitics of Climate change' in Ravi S. Singh (ed.) *The Environmental Concerns: Third World Perspective*, YS Books International, New Delhi, India, 119-130
2. Tripathi, Arun Kumar (2011), 'Geopolitics of Biodiversity: Issues and Challenges' in Dr. K. N. Singh and Dr. N. K. Rana (ed.) *Holistic Development- A Geographical Perspective* Radha Publications, New Delhi, India, 341-360
3. Tripathi, Arun Kumar (2009), 'Global Financial Crisis and Its Impact on Food Security' in Dr. Anshu (ed.) *Food Security in India: Challenges of 21st Century*, Kalakriti offset, Patna, India, 137-146.
4. Tripathi, Arun Kumar & Pandey D.N. (2009), 'Uttarakhand kay van parbandhan may rajya aur uskay niwasiyo ki bhoomika' in Dr Kaushal Kumar Sharma, Dr. S. K. Bandooni, Dr. V S Negi (ed.) *Himalaya Parvat may sanshadhan parbandhan*, Publisher Research India Press, New Delhi, India, 114-129.

Dr.Khusro Moin

List of Publications:

1. Problems of Food Security Measurement in India" in Food Security in India: Challenges of 21st Century (ed.) Dr Anshu, 2009, Kalakriti publication : ISBN:81-903661-5-7 / Page No:71-81
2. Floods in Bihar: Management and Control in Hazard Ecology, (ed). B.W. Pandey, 2010, Mittal Publication (New Delhi) ISBN 81-8324-105-0/ page No: 337-345

Dr. Md. Babar Ali

1. Ali, M.B. & R. B. Singh, 1998, Village Common Land in Upper Beas Basin, In: Singh R.B. (ed.) *Sustainable Development of Mountain Environment in India and Canada*, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.

2. Singh R.B. and M.B. Ali, 1999, Dynamics of Village Common Land and its Sustainable Management in the Himalayan Upper Beas Basin, In : Dash, S.K. and J. Bahadur (ed.) The Himalayan Environment, New Age International Pvt. Ltd. Publishers, New Delhi.

20. Areas of a)consultancy, b)collaboration with industry/institution; at the individual or institutional level and the income generated therein, if any:

Name of the Faculty	Area
Dr.K.K. Sharma	Rural Development, Corporate social responsibility, Environment, Sustainable Livelihood
Dr.Seema M. Parihar	Remote Sensing & GIS; 1990 onwards Web Cartography/ Digital Cartography; Gender Issues /Research, Higher Education, 2005 onwards
Dr Arun Kumar Tripathi	Rural Development, Environmental Geography, Local Empowerment, Corporate Social Responsibility.

21. Faculty as members in a) National committees

Name of the Faculty	Member In
Dr. K.K. Sharma	<ul style="list-style-type: none"> • Association of Geographical Studies (AGS)-Delhi • National Association of Geographers India (NAGI) • UDGAM- A National Voluntary Society for Social Development-1994. • Gyan Prabha- A National Voluntary Society for Social Development in Rural Area of Himachal Pradesh-1999. • Delta Environmental Services Gurgaon, Haryana-1994. • Founder Member – SHROT national NGO for Human Re-orientation and Transformation • Ex-Vice-President, HANS FOUNDATION- Delhi
Dr. Seema M. Parihar	<ul style="list-style-type: none"> • Life Member of Indian Society of Remote Sensing (ISRS), India. • Life Member of National Association of Geographers' of India (NAGI). • Life Member of Indian National Cartographic Association (INCA), India. • Life Member of Association of Geographical Studies (AGS), Delhi • Post Doc Fellow at Geo- Information Processing Department, the International Institute of Geo-Information Science and Earth Observation ITC , Enschede the Netherlands. (2002) • Fellow , Institute of Life Long Learning (ILLL), University of Delhi (20 October,2010 – 01 October, 2011) • Fellow, GIS and Social Studies Research of DCRC (Developing Countries Research Centre, Board of Interdisciplinary Programme , University of Delhi) (2003-2015)

	<ul style="list-style-type: none"> Fellow Member of Bhoovigyan Vikas Foundation (Foundation for Earth Science Development), India.
Dr. Anshu	Executive Member of The Deccan Geographical Society of India, Pune
Dr Arun Kumar Tripathi	Life Membership of NAGI(National Association for Geographers of India)
Dr. Karuna Shree	Life Member of The Deccan Geographical Society of India, Pune
Dr. Khusro moin	Life Member of Association of Geographical Studies (AGS), Delhi

b) International Committees: Nil

c) Editorial Board: Nil

22. Student projects:

Name of the Faculty	Students Projects Mentored	Year
Dr Seema Mehra Parihar	Many Projects where students are involved, but two latests are: "Making the world Map"-2 students Making of the Atlas -4 students	2013-14 2014-2016
Dr. Anshu	"Doing Nothing" The Invisible work of Women: Shivaji College , Delhi University Innovation Project.	2013-14

23. (a) Awards/ Recognitions received by faculty:

Dr. Seema M. Parihar

- Awarded Bhoo Samman an award for contributions in geosciences during a conference on 'Rural India- Millenium Development Goals' by Bhoovikas Foundation, at Hyderabad (November,2005)
- Netherland Government Fellowship (NGF), Post Doc Fellow - Geo- Information Processing Department, ITC, the International Institute of Geo-Information Science and Earth Observation, Enschede the Netherlands. (May 2002 to October 2002)
- Best Paper Prize , 'Design and Develop a Web Based Teaching Course on Web Cartography', INCA Conference, Ahmedabad, India, Nov-2002 .
- Joint Director, Developing Countries Research Centre (drcr), University of Delhi, May 2010 - July 2015
- Fellow in Geography (On Deputation from KMC, DU) at Institute of Life Long Learning (ILLL) , University of Delhi, May 2010 – July 2011
- Deputy Dean Students' Welfare, University of Delhi, May 2008 - June 2010
- Chairperson, Central Placement Cell (CPC), University of Delhi, (CO-Contributed in initiating , visualizing, building foundation, setting up the portal and disseminating among all the Students of University of Delhi) September 2008 – June 2010
- University In-charge of the Admissions for Physically Challenge Students, University of Delhi; contributed in sensitizing the process (eg., Introduced forms in Braille/ JAWS etc.); PH Counselor in 2006 & 2007, (2008, 2009 & 2010 Admissions)
- Steering Committee Member and Gender Seminar Coordinator:BUILDING SOVEREIGNTY, PREVENTING HEGEMONY:The Challenges for Emerging

Forces in the Globalised World-International and Multidisciplinary Conference in the framework of a commemoration of the 60th anniversary of the 1955 Bandung Asian-African Conference, Indonesia, October 27-31, 2015

- Course Coordinator Interdisciplinary Refresher Course on Women Studies , entitled Gender & Space , Center for Professional Development in Higher Education (CPDHE), University of Delhi, December 02-12-2015 to 22-12-2015
- Gender Resource Person for NMEW, Ministry of Women and Child Development, Government of India, January 2012
- Trainer of Trainer (TOT) of the UGC Initiative of the Carrying Capacity of Women Managers in Higher Education & the Transacting Manual is Women and Research (Manual V), Since March, 2010
- Member of the Expert Committee for DST's Capacity Building and Training for Geospatial Technologies Since October, 2011
- Member of the Advisory Committee on CBSE International Curriculum (CBSE-I), Since July 2011
- Member of the Expert Committee and Editor of IGNOU's Post Graduate Certificate Course in Geo Informatics Member of the Expert Committee & A Resource Person in IGNOU for evolving structure of the theory course on 'Concepts of Remote Sensing and GIS' (BGG-005) and Lab Course on 'Techniques of Remote Sensing and Geographical Information System' (BGGL-002), Since February, 2011
- Member Interview Board of many schools and B.Ed. College, 1990 onwards
- Member Interview Board of Corporate Sector (Assessment Centre & Development Centre Work) 2000 onwards

Dr. Anshu

- Ph.D Thesis accepted by National Social Science Documentation Centre (ICSSR)
- Member Governing Body of Kirori Mal College (2000-01)
- Member Text Book Committee for Class VI-VIII, NCERT
- Ideator CBSE-International for Geography, Class XI-XII
- Member Staff Selection Commission Interview Board for CPMF, 2012
- Member Interview Board, Jawahar Navodaya Vidyalaya Sangathan, 2009-10
- Visiting Faculty, School of Planning & Architecture, 1995-96

23. (b) Awards/ Recognitions received by students:

List of the Students of the Department Having University Positions Since 2004-15

S. No.	Name	Class	Year	University Position
1.	Ghanshyam Tori	B.A. (Hons) IIIrd Year	2004	I
2.	Rohit	B.A. (Hons) IIInd Year	2004	II
3.	Smriti Yadav	B.A. (Hons) Ist Year	2004	I
4.	Rohit	B.A. (Hons) IIIrd Year	2005	III
5.	Debotri Chatterjee	B.A. (Hons) Ist Year	2005	I
6.	Kunal Anuj	B.A. (Hons) Ist Year	2005	II
7.	Smriti Yadav	B.A. (Hons) IIIrd Year	2006	III
8.	Debotri Chaterjee	B.A. (Hons) IIInd Year	2006	I
9.	Shambhu Kumar Singh	B.A. (Hons) IIInd Year	2006	II
10.	Kunal Anuj	B.A. (Hons) IIInd Year	2006	III
11.	Ankita Chudhary	B.A. (Hons) Ist Year	2006	I
12.	A. Adahiri Maheo	B.A. (Hons) Ist Year	2006	II
13.	Ruchika Singh	B.A. (Hons) Ist Year	2006	III

14.	Debotri Chaterjee	B.A. (Hons) IIIrd Year	2007	I
15.	Krishna Das	B.A. (Hons) IInd Year	2007	II
16.	Kunal Anuj	B.A. (Hons) IIIrd Year	2007	III
17.	Ankita Choudhary	B.A. (Hons) IInd Year	2007	I
18.	Ruchika Singh	B.A. (Hons) IIIrd Year	2007	II
19.	Kiri Atri	B.A. (Hons) Ist Year	2007	I
20.	Sukant Vats	B.A. (Hons) Ist Year	2007	II
21.	Ankita Choudhary	B.A. (Hons) IIIrd Year	2008	I
22.	Ruchika Singh	B.A. (Hons) IIIrdYear	2008	II
23.	Deepika Saraswat	B.A. (Hons) IIIrd Year	2008	III
24.	Sukant Vats	B.A. (Hons) IInd Year	2008	I
25.	Kiri Atri	B.A. (Hons) IInd Year	2008	II
26.	Gajendra Singh Charan	B.A. (Hons) Ist Year	2008	I
27.	Shashi pratap	B.A. (Hons) Ist Year	2008	III
28.	Sukant Vats	B.A. (Hons) IIIrd Year	2009	I
29.	Kiri Atri	B.A. (Hons) IIIrd Year	2009	II
30.	Jitenra Kumar Meena	B.A. (Hons) IInd Year	2009	I
31.	Deepali Chaturvedi	B.A. (Hons) IInd Year	2009	II
32.	Vaibhav kaul	B.A. (Hons) Ist Year	2009	I
33.	Abhishek Pandey	B.A. (Hons) Ist Year	2009	II
34.	Jitender Kumar	B.A. (Hons) Ist Year	2009	III
35.	Gajendra Singh Charan	B.A. (Hons) IIIrd Year	2010	III
36.	Vaibhav Kaul	B.A. (Hons) IInd Year	2010	I
37.	Abhishek pandey	B.A. (Hons) IInd Year	2010	II
38.	Kamlesh Kumar	B.A. (Hons) Ist Year	2010	III
39.	Vaibhav Kaul	B.A. (Hons) IIIrd Year	2011	I
40.	Abhishek Pandey	B.A. (Hons) IIIrd Year	2011	II
41.	Tushar Aggarwal	B.A. (Hons) IInd Year	2011	II
42.	Praffulit Bisht	B.A. (Hons) Ist Year	2011	I
43.	Pawan Kumar Yadav	B.A. (Hons) Ist Year	2011	III
44.	Shreya Trivedi	B.A. (Hons) Ist Year	2011	III
45.	Ganesh Yadav	B.A. (Hons) IIIrd Year	2012	II
46.	Tushar Aggarwal	B.A. (Hons) IIIrd Year	2012	III
47.	Praffulit Bisht	B.A. (Hons) IInd Year	2012	I
48.	Pawan Kumar yadav	B.A. (Hons) IInd Year	2012	II
49.	Amna Majeed	B.A. (Hons) Ist Year	2012	I
50.	Praffulit Bisht	B.A. (Hons) IIIrd Year	2013	I
51.	Pawan Kumar Yadav	B.A. (Hons) IIIrd Year	2013	II
52.	Amna Majeed	B.A. (Hons) IInd Year	2013	III
53.	Reetesh Kumar	B.A. (Hons) Ist Year	2013	I
54.	Satish Kumar	B.A. (Hons) Ist Year	2013	II
55.	Amna Majeed	B.A. (Hons) IIIrd Year	2014	I
56.	Satish Kumar	B.A. (Hons) IInd Year	2014	II
57.	Reetesh Kumar	B.A. (Hons) IInd year	2014	III
58.	Pratyush Kumar Singh	B.A. (Hons) Ist Year	2014	I
59.	V. Subhashini	B.A. (Hons) Ist Year	2014	II
60.	Reetesh Kumar	B.A. (Hons) IIIrd year	2015	I
61.	Pratyush Kumar Singh	B.A. (Hons) IInd Year	2015	I
62.	Gopi Setty Manohar	B.A. (Hons) IInd Year	2015	II
63.	Kanchan Choudhary	B.A. (Hons) Ist Year	2015	I (in college University data not available)

Name of Students	Event	Position	Year	Tournament/ Championship
Jitender Singh	Boxing	I	2004-05	Won Gold in All India Inter University Boxing Championship
Jitender Singh	Boxing	I	2005-06	Delhi University Intercollegiate Boxing Championship.
Pawan Kataria (Team Member)	Hockey	I	2007- 08	Won Delhi University Hockey Championship
Himanshu (Team Member)	Hockey	I	2007 -08	Won Delhi University Hockey Championship
Purva Bhalla (Team Member)	Basket ball		2007- 08	Represented Delhi University in AIU Korfball Tournament
Amit Pannu (Team Member)	Basket ball	I	2009- 10	North Zone Inter University Tournament
Amit Pannu (Team Member)	Basket ball	III	2009 -10	All India Inter University Tournament
Pawan Dahiya (Team member)	Basket ball	I	2009- 10	Gold Medal in (i) Inter college Basketball (ii) Delhi Senior state championship (iii) BITS. Pilani Festival
Narendra Jakhar	Kick Boxing	I	2009- 10	Gold in (i) Indo-Nepal International Kick Boxing Championship (ii) All India Open National Kick Boxing Championship
Narendra Jakhar	Boxing	II	2009-10	Silver Medal in Inter College Boxing Championship
Tsering Angus (Team Member)	Football	III		Inter Collegiate Football Tournament
Pawan Dahiya	Basketball	II	2010-11	(I)Second Position in Senior State Basketball (ii) Third position in Haryana sports Festival
Narendra Jakhar	Kick Boxing	I	2010- 11	Gold Medal in (i) 16 th Open International Kick Boxing Championship (ii) National Federation Cup Kick Boxing Championship
Narendra Jakhar	Boxing	I	2010- 11	Gold Medal in Delhi State Boxing Championship.
Narendra Jakhar	Boxing	I	2011-12	Gold Medal in (i) 29 th Senior Rajasthan State Boxing Championship (ii) Senior District Boxing Championship
Narendra Jakhar	Kick Boxing	III	2011-12	Third Position in European Kick Boxing Championship in Vienna, Austria
Amit Yadav (Team Member)	Basketball	I	2011-12	First position in State Level Basketball Tournament
Sunil Prasad (Team Member)	Basketball	I	2011-12	First position in State Level Basketball Tournament
Satish Kumar (Team Member)	Table Tennis	II	2013- 14	Won third position in open Table Tennis Championship in Bharat

				Ram Sports meet organised by Lady shri Ram College
Satish Kumar (Team Member)	Table Tennis	III	2014- 15	Won third position in open Table Tennis Championship in Bharat Ram Sports meet organised by Lady shri Ram College.
Khushwant singh (Team Member)	Hockey	III	2015	Third position in inter-college hockey tournament
Raghav Dahiya (Team Member)	Hockey	III	2015	Third position in inter-college hockey tournament

24. List of eminent academicians and scientists / visitors to the department:

Year	Special Lectures/ Seminars	Workshops/ Workshops/	Names of conducting individuals/ organizations/ institutions
2009-10	Lecture by Alok Mukhejee: Climate Change Conceptions and Misconceptions		South Asian Centre for Global Change
	Lecture by Dr. Akhilesh Gupta: Climate Change: science, society and Politics		Advisor, Department of Science and Technology, Government of India
2010-11	Lecture by A.K. Sinha; Climate induced disasters in the Himalayas		UNDP
	Lecture by Krishnendra Meena: Environment and Geo Politics		School of International Studies, JNU
2014-15	Lecture and disaster relief drill was conducted.		National Disaster Relief Force
	Lecture by John Horn on Geospatial Education in Europe		ITC, Enschede, The Netherlands (At present our student SANSAR MEENA got full scholarship to study at ITC)

25. Seminars / Conferences /Workshops organized & the source of fundings) National,

Name of the Faculty	Seminars/ Conferences /Workshops organized/C ordinated	Source of funding	National/ International
Dr. K.K. Sharma	7	DST, UGC	National
Dr. Seema M. Pariha	39	UGC, DST,UP HOUSING BOARD, NIC, PLANNING COMMISSION, NRDMS,ESRI, JT Maps, CSDMS, Indian Institute of Remote Sensing (IIRS), National Remote Sensing Centre (NRSC), ISRO, Department of Space, Government of India ,Consortium for Educational Communication	National

		(CEC), etc.Detail Mentioned in table above	
Dr. Anshu	3	UGC and Ministry of Food Processing Industries, overnment of India, Funded by Disaster Management Cell, Madhepura, Bihar, DU	National

Name of the Faculty: Dr. Kaushal Kumar Sharma

a) National:

Dr Kaushal Kumar Sharma

1. First Regional Seminar on “Development Issues and Problems of Mountains in India”-Delhi
2. Workshop on Community Participation for Forest and Water Management in Garhwal Himalayas- Oct, 2003
3. Workshop on Environmental Geo-hazards (Earthquake, Landslides, Floods etc.): Management and Mitigation Strategy for Himachal Pradesh 1-2 June 2004, sponsored by DST &UGC
4. Workshop on Environmental Geo-hazards (Earthquake, Landslides, Floods etc.): Management and Mitigation Strategy for Himachal Pradesh, June 2007. Sponsored by DST, Government of India
5. Climate Change: Cloudburst and Natural Hazards in Himalayas, DST,KM College 2011-12
6. Academic Institutions and Industrial Collaboration for Rural Development in India, KM College,THDC, 2012-13
7. Environmental Geo-Hazards in Himachal Pradesh: Sharing Experience and Technological Solutions, DST,HP University-Shimla, 2013-14

Dr Seema Mehra Parihar

1. Course on Remote Sensing & GIS for College & University Teachers, Research Associates & Research Scholars in Geography (As a Course Co-ordinator & Resource Person) (1-14 October,2001) University of Delhi & GIS Institute, NOIDA
2. Digital Learning Environment (As a co-coordinator) (4-6 Sep,2002) ITC, , Enschede, The Netherlands
3. Workshops on Creating Home page for the College Societies in kmcollege.com and knowing our Portal in kmcollege.com, KiroriMalCollege, University of Delhi, 2003 (DLE)
4. Workshop on “How to Read Maps” (As a Co-ordinator & Resource Person), Aditi ahavidyalaya, University of Delhi, 2004 (Cartography & GIS)
5. Workshop on “How to Teach Map Reading to The students of Elementary level” (As a Co-ordinator & Resource Person) Aditi Mahavidyalaya, University of Delhi, 2004 (Cartography & GIS)
6. Workshop on “Developing Geo-Spatial Information System for Micro Level Planning in North India”, (DISNIC Plan Project, A Sponsored Project of the Planning Commission) ,(As a Coordinator), At KMC as a co Coordinator with Seva Ratna M Moni , NIC, Sponsored by (DISNIC Project) Planning Commission) (27&28 September,2004)(GIS Management for Micro Level Planning in Rural India (Published Manual & Proceedings)
7. Workshop on “Rethinking Resource Management: Geospatial Way” (As a Coordinator and Resource Person), At KMC (14-15 December, 2004) Co-

- Sponsored by JT Maps. (Hands on with JT Maps (GIS & DIP) (Published Manual)
8. Faculty Development in GIScience: Summer School 3 ; Coordinated by University of Salzburg, Austria (29-31 October,2004) Goa University, (29-31 October, 2004) InterGIS , International Cooperation for GIScience Education Cofunded by the European Commission.
 9. Train the Trainer Workshop –II , Didactical Aspects of GIScience Education, Coordinated by University of Salzburg, Austria 6-8 February, 2005) InterGIS , International Cooperation for GIScience Education Cofunded by the European Commission.
 10. Grassroot Politics Colloquium on WATER : Grass Roots Colloquium (As a Coordinator & Paper Presenter), (At Centre of Environment, DU, Organised by Developing Country Research Centre (March, 2005)
 11. UN based Workshop on ICT & GIS for Development Managers (As a Chief GIS Consultant, Coordinator & Paper Presenter), Organized at CDAC & Sponsored by United Nations and Grail Technology, (18-24 April,2005), , (ICT & GIS for Development Managers)
 12. 5 workshops on GIS and Geo Spatial Technology, Coordinated and Resource Person At KMC and DPS, co-rganed by KMC, DPS and Bhoovigyan Foundation, June, -2005 to June 2006, (Updating Geospatial skill sets of school and college teachers)
 13. 5 courses and workshops/courses on Counseling across hierarchies (As a Resource Person) Organised at and by Adult Education Centre, DelhiUniversity. June 2005 –August 2006, (Improving varied aspects of Counseling as ‘Negotiating Skills’ , Counselor as a Mentor, etc)
 14. A Program on , Counsling Skills for the Street Educators (As a Resource Person) Organised by National Institute of Social Defence, Ministry of Social Justice & Empowerment, Government of India(5-9, June, 2006), Improving counseling skill sets of the street educators.
 15. Peer Educators & AIDS Counseling (As a Resource Person) At Centre of Environment, DU, Organised by DU (August, 2005), Reviewing and setting agenda for AIDS counseling
 16. GIS for School Teachers (As a coordinator and resource person), At Kirori Mal college (30 participants –co sponsored by ESRI (INDUSTRY)& IRS) 21-22 Dec,2006, , Making GIS simpler for School Teachers
 17. Enhancing Learning Spaces for School Children in Earth Sciences(As a coordinator and resource person), Generated Course Material for the workshop – emphasized on geospatial tools and importance of E-Learning, At Conference Centre ,University of Delhi (January 17-18,2007) organized by KMC and sponsored by Department of Science and Technology ,DST.
 18. First Geospatial Digital Learning Conference in Asia on GSDLI 2007 at Conference Centre, Delhi University as a convener (January 17-18,2007), Jointly supported by UGC, DST and Geospatial Industry and had more than 200 participants
 19. Workshop on open source software in Geospatial Arena (As a coordinator and resource person) At Kirori Mal college (20 participants) – partly sponsored by UGC project, (10 June- 16 June), Emphasis on Overview of the open source environment
 20. Second workshop on Web Technologies(As a coordinator and resource person (23 -24 August) At Kirori Mal college (20 participants) – partly sponsored by UGC project, (Introduction to web technologies in geospatial arena)

21. Mapping the surroundings(As a coordinator and resource person), (10-11 October,2007) At ThakarwalVillage,Hoshiarpur,Punjab (34 participants) – partly sponsored by UGC project (Introducing the concept of Map and Learning to use GPS in Map Creation)
22. Workshop on Geographic Information System for UP Housing Board (As the Technical Resource Person for three day workshop (24-26 Dec,2007), Prepared manual forAutoCAD, ArcView and Map Info Exercises along with Application based exercises and case studies
23. National Workshop on OGC Standards for Sensor Networks (As a participant and contributor) At Centre for the study of Regional Development, School of Social Sciences, JNU, New Delhi –supported by NRDMS,DST, April 11, 2008
24. Coordinator of the Fourth EDUSAT's basics course on Remote Sensing, Geographical Information System and Global Positioning System. Indian Institute of Remote Sensing, National Remote sensing, National Remote Sensing Centre, ISRO, Department of Space, Government of India in collaboration with Consortium for Educational Communication, UGC and National , August 2009
25. UGC Capacity Building Workshop of Women Managers in Higher Education , UGC, 4-8 January, 2010, Gender Concerns In Higher Education
26. UKERI Blended Learning workshop in quality education, UKEIRI PROGRAMME, MARCH 2010, (Quality Education)
27. Digital image Processing with Hands On Exercises practiced using ERDAS IMAGINE 2010 Lecture 1 : Importance & Relevance of DIP in Geography , DCRC&ERDAS Imagine , (20-22 July,2010)
28. Coordinator of the Fifth EDUSAT's basics course on Remote Sensing, Geographical Information System and Global Positioning System. IIRS,NNRMS&ISRO, October 2010, (RS/GIS/GPS)
29. Workshop On Global Positioning System (GPS) using Trimble GPS DCRC& TRIMBLE, October 2010, (GPS)
30. Launch of Bhuwan &Workshop On ISRO'S Bhuwan –An Indigenous Web Mapping Tool, DCRC & NRSC, (24-31 March,2011), Bhuwan Portal
31. Workshop at Ghutoo: Changing Grassroots Dynamics of Glaciers and Climate Change in Garhwal Himalayas, KMC-105 Innovative project& DST, Sep 2012, (Climate change; Dynamics of Glaciers)
32. Three focus groups Meetings & Training Programme were organised related to Climate Change at Gangi, Ghutoo & Tehri Garhwal, KMC & DST, Sep 2012-Jan 2013, Climate change; Dynamics of Glaciers
33. Co-coordinated the IIRS Outreach Programme on "Microwave (SAR) Remote Sensing for Natural Resources", IIRS ,ISRO & NNRMS, Dec 2013, (Microwave (SAR) Remote Sensing)
34. Coordinated Workshop on Understanding Gender Sensitive Indicators, NMEW, Kirorimal College and DCRC, 10 March 2014, (Gender Sensitive Indicators/data)
35. Coordinated Workshop on Designing and Visualising Gender Statistics, NMEW, Kirorimal College and DCRC, 12-13 March, 2014, (Gender Statistics)
Coordinated Workshop on Thematic Geovisualisation of Gender Data, NMEW, Kirorimal College and DCRC, 16 April, 2015, (Gender Data)
36. Coordinated Workshop on Wetland Mapping: Fuzzy Tools, Methodology of Wetland Mapping , DCRC, 17 April,2015
37. First National Social Science Researchers' Colloquium 2015 on Researching Contemporary India, (Convener Colloquium), Social Science Researchers' concerns, DCRC, V(16-17 April, 2015)

38. Steering Committee Member, & Coordinator Gender Working Group, International & Multidisciplinary Conference ON Rethinking Emerging Forces 60 years after the Bandung Asian African Conference 1955 AT Yogyakarta, Bandung & Jakarta, INDONESIA, Bandung Scientific Board, Centre For Industry, Sme & Business Competition Studies, University of Trisakti, Jakarta, Indonesia, 26 October-31 October, 2015, (International & Multidisciplinary)
39. COURSE COORDINATOR- Refresher Course of Women Studies (Interdisciplinary) on Gender and Space for University Faculty Members from all over India. at CPDHE, University of Delhi (December 2 to December 22, 2015), CPDHE, University of Delhi (December 2 to December 22, 2015), Gender Studies

Dr. Anshu

1. Workshop on 'Doing Qualitative Research: A workshop' organised by innovation project KMC-109, 2012
2. Food security in India-Problems and Prospects, funded by UGC and Ministry of Food Processing Industries, overnment of India, 2008.
3. Floods in Bihar: Funded by Disaster Management Cell, Madhepura, Bihar, 2004

26. Student profile programme/course wise:

Name of the Course: B.A. (Hons.) Geography	Students Appeared	Students Passed	Pass Percentage**
2011-12	49	47	-
2012-13	36	35	-
2013-14	40	35	-
2014-15	-	-	-

*M = Male *F = Female

** Refer to Section 5.2.2

27. Diversity of Students: No documentation

Name of the Course: B.A (Hons) Geography	% of students from the same state	% of students from the other states	% of students from abroad
2011-12			
2012-13			
2013-14			
2014-15			

28. How many students have cleared national and state competitive examinations suchas NET,SLET,GATE, Civil services, Defense services, etc.? : 5-10%

29. Student Progression:

Student progression	Against % enrolled (last 4 years)
2011-12	10 to 12 every year approximately (Year wise data to be recorded in future)
2012-13	
2013-14	
2014-15	
UG to PG:	
PG to M. Phil.	(Year wise data to be recorded in future)
PG to Ph.D.	(Year wise data to be recorded in future)
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	(Year wise data to be recorded in future)
• Other than campus recruitment	(Year wise data to be recorded in future)
Entrepreneurship/Self-employment	(Year wise data to be recorded in future)

Some of the distinguished Alumni of Department of Geography:

Geography Alumni Association		
Batch	Name	Designation
1963-66	Dr. Krishna Prabha	Associate Professor (Rtd.)
1964-67	Dr. V.K. Tyagi	Associate Professor (Rtd.)
1965-68	Prof.H.Ramchandran	Professor (Rtd.)
1968-71	Col.D.k.Sabharwal	ARMY, Abacuse Consultants
1969-72	Vir Bahadur	Business
1969-72	Raj V Singh	Town Planner(Rtd.)
1969-72	Iqbal Jamil	Education
1973-76	Ram Pal Singh	IRS&CS(Rtd.)
1974-77	Col. Sukhjit Singh	Colonel, (Rtd.) Army
1974-77	Sudhr Kumar Sinha	Associate Prof.Bhagat Singh College
1975-78	Ms. Venu	CEO, Akshars Designs
1976-79	Anil Bhauguna	Jt. Sec, MoEF
1976-79	Lalit Sharma	Agency Ayurveda
1976-79	Arvind Kadyan	CVC, BHEL.
1978-81	Jaggessur Vassooraj	Mauritius
1978-81	Ashok Marwaha	Business
1978-81	Manikant Chhabra	Manager, Delhi Tourism
1979-82	B.S. Dabas	PGT
1979-82	Dr. Anshu	Associate Professor, KMC
1979-82	Dr. Kaushasl K. Sharma	Associate Professor, KMC
1979-82	Lovekesh Sharma	Addl.Director, Lok Sabha
1980-83	Dr. Seema M Parihar	Associate Professor, KMC
1980-83	Herman Preet Singh	IPS, WB Cadre, IG
1980-83	Brig. Salil Sharma	Brigadier, Indian Army

1981-84	Dr. Tejbir Singh Rana	Associate Professor, Shivaji College
1981-84	Sanjay Rawat	Advocate
1981-84	Partho Rakshit	ISPAT Industries
1981-84	Ananda Rajan V	IRS
1981-84	Capt. Rakesh Sharma	Exec.Vice Presi., Quattro
1982-85	Sarita Bhatnagar	Teaching
1982-85	Ajay Kasana	Business
1982-85	Kamal Vaid	Restaurant owner
1983-86	Dr.Atul Kapoor	GM, InfoMaps
1983-86	Rajesh Raghvan	GIS, Consultant
1984-87	Umesh Sharma	Advocate
1985-88	Umesh Kumar	Lawyer
1985-88	Arun Kumar Singh	Adminstration
1985-88	Pradeep Kumar Singh	Develoment Planner
1985-88	Pankaj Nath	Adminstration
1985-88	Capt. Nisheet Adya	Captain
1985-88	Vimala Prasad	Teaching
1985-88	Rachna Vora	Business
1985-88	Deven Bharti	IPS, Maharashtra Cadre
1985-88	Rakesh Bidalia	FO, CSIR-IGIB
1985-88	Bishwanath Sinha, Jt Sec, MoEF	IAS, Kerala Cadre
1986-89	Prakash Vir	Manager, Marketing
1986-89	Mohd.Aslam	Owner, Learning Touch
1986-89	Rahul Sharma	Business Head
1986-89	Chandrapal	MD
1986-89	Capt.R.S.Sehgal	Sr.Commander, JetAirways
1986-89	Anil Kumar Sharma	Vice President
1986-89	V.Suprabha	Trainer
1986-89	Sandeep Bhogra	Director,
1986-89	Deepak Sharma	Managing Diractor
1986-89	Sukhda Dhamija	Advocate
1986-89	R.P.Meena	Distt. Excise Officer
1987-90	Ahmadwali Amin	U.S.A.
1987-90	Raj Kumar Sharma	Director, DSSI
1987-90	Jasdeep Singh	IRS, Addl. Comm., Income Tax
1987-90	Dr. Sanjay	Director, BSC Pub.
1987-90	Sandeep Singh Rathore	Director, RK Force
1987-90	Maneesh Gautam	CEO, Sleepwell
1987-90	Shyam Thakur	Business Head
1987-90	Suresh Rohilla	Programme Director, CSE
1987-90	Dr.Anjan Sen	Asst.Prof, DSE
1987-90	Sandeep Rai Rathore	IPS, TN Cadre, IG,NDRF
1988-91	Satyendra Kumar	Commandant, ITBP
1988-91	Shahana Farah	Advocate
1988-91	Rakhi Parijat	Assistant Professor, MH
1988-91	Madhumita Mund	Map Info
1989-92	Prashant Kumar Jha	IRS, Dy.comm, Customs
1989-92	Dr.Vivek Nagpal	Sr.Consultant, MHRD
1989-92	Anupam Bhatnagar	State Head, e-governance, Gujarat
1989-92	Pankaj Singh	Dy. Commandant, CRPF
1989-92	Mahesh Pandey	Civil Servant
1989-92	Sanjay Prasad	IAS, UP Cadre

1990-93	Kumar Rahul	IAS, Panjab Cadre
1990-93	Sarika Madan	PGT
1990-93	Ashwini Chand	IPS, Sikkim Cadre
1990-93	Bikash K Triphati	Advocate
1991-94	Gurpreet Kaur	PGT, Manav Sthali School
1991-94	Ajit Kumar	MD. Study Today
1991-94	Rahul Anand	MD. Happily Unmarried
1992-95	Deeksha Bajpai Tewari	Assistant Professor, Dyal Singh College
1992-95	Sujata Sharma	PGT, Bal Bharti Public School
1992-95	Monish Bhalla	GM, Real Estate, Mumbai
1993-96	Kanchana Narsimhan	Assistant Professor, KMC
1993-96	Bidisha Nag	Translator, e-books
1993-96	Kavita Saxena	PGT, DPS, RK.Puram
1994-97	Amit Ranjan	RM, General Motors
1994-97	Nandita Chatterjee	Naukri.com
1994-97	Priya Ranjan	Business
1994-97	Krisnendra Meena	Associate Professor, CSRD, JNU
1994-97	Sandeep Kumar	IAS, Gujarat cadre
1994-97	Suresh Dhull	Indian Army
1994-97	Bhawna Luthra	Social Sector
1994-97	Amit Katoch	Defence Accounts, Director, Deptt of Telecomm
1994-97	Deepak Dahiya	PGT
1994-97	Khusro Moin	Assistant Professor, KMC
1995-98	P.S.Meena	IAS, Bihar Cadre
1995-98	Swati Rajput	Assistant Professor, SBS College
1995-98	Soyna Katoch	TGT
1995-98	Pooja Chowdhary	Assistant Professor
1995-98	Richa Obereoi	PGT, DPS, Rohini
1995-98	Sayed Zaheen Alam	Assistant Professor, Dyal Singh College
1996-99	Arpan Dasgupta	Sr.Manager, HR
1996-99	Amit Bagri	Business Manager
1996-99	Devinder	LIC
1996-99	Harish Bharti	Team Leader, DLF
1996-99	Anjali Yadav	Assistant Professor, SSN College
1997-00	Sultan Khan	SAP Consultant
1997-00	Sanjay Dhankar	Customer Service
1997-00	Kunwar Nagendra	Advocate
1997-00	Abhay Kumar	IFS, MEA
1997-00	Ashish Jha	GM,Nuvia
1998-01	Abhinav Sahrawat	Director, SR Enterprises
1998-01	Shahnawaz M.Haque	Business
1998-01	Ranveer B Singh	Consultant
1999-02	S.P.Nagesh	Manager, RBI
1999-02	Parth Sharma	Asst.Manager,
1999-02	S.Fazal Daoud Firdausi	Assistant Professor, CCE, University of Pune
1999-02	Atin Bansal	Sr.Manager
1999-02	Abhineety Goel	Ph.D Texas University, U.S.A.
2000-03	Anubhav Mishra	Sr.Consultant, E&Y
2000-03	Avinash Swaroop	Asst.Manager, IL&FS
2000-03	Kunal Goswami	GIS, Consultant
2001-04	Ashwini Kumar	IRS
2001-04	Amit KumarJha	Advocate

2001-04	Ghanshyam Thori	IAS, Panjab Cadre
2003-06	Ranvijay Singh	CRPF
2003-06	Kana Ram	Urban Planner, NIUA
2004-07	Dinesh	Business
2004-07	Devender Kumar	CRPF, Inspector
2004-07	Kunal Anuj	Defence Accounts,
2006-09	Kiri Atri	UNHCR, Protection Associate(legal & human rights)
2006-09	Krishma Seth	Teaching

30. Details of Infrastructural facilities

(a) Library

Year	Number of Books added to relating to Geography (College Library)	Amount Spent on New Books
2010-11	76	Rs. 65,000
2011-12	88	Rs. 62,500
2012-13	84	Rs.1,08,012
2013-14	167	Rs.1,33,437
2014-15	152	Rs.1,33,503

(b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

(c) Class rooms with ICT facility: No

(d) **Laboratories:** The three geography department labs are equipped with LCD Projectors, computers and software to facilitate presentations and aid teaching- learning process; Along with this we have laptops, topographical maps, aerial photographs and satellite imageries for ready reference by both students and teachers.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Year	Fee Concession	Scholarships
2013-14	-	5
2014-15	-	10

32. Details on student enrichment programmes: (Table has been moved to point 24) Refer to Point 24

33. Teaching methods adopted to improve student learning:

- Student centered approach using audio-visual tools along with group discussion, brain storming and presentations.
- Interactive Pedagogy with Field work ; Films; Topographical Maps, World Maps, Relief Maps, Aerial Photographs, Satellite Imageries, Audio-Visual Aids, Multimedia, DLP, DIP & GIS software, etc
- Field Studies, Audio-Visual aids, Multimedia, DLP, Enhancing Computer Aided Cartography and Design, etc.
- Field excursion as a means to acquaint students to the diversities of the country and to impart learning about empirical methods of data collection.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC / NSS/ Social awareness programmes etc.

Active participation in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps etc.

Name of the Faculty	Participated in
Dr. K.K. Sharma	<ol style="list-style-type: none"> 1. Programme Officer, NSS. 2. Organise NSS activities like, SAAHAS-Women Empowerment Cell, SAHYOG- Educational Development Cell for Children, Environmental Cell, NGO Coordination Cell. 3. Organised Blood Donation Camp 2015, with 150 registrations and 100 blood donations. 4. Doing extension activities in agriculture, ecological restoration, rural development and social awareness programmes etc. in 40 villages of Upli Ramoli Patti of Pratap Nagar Block , Tehri Garhwal of Uttarakhand.
Dr. Seema M. Pariha	<ol style="list-style-type: none"> 1. Co-facilitated the presentation of the NBS, Pune, 2014 Declaration on “Saving the Girl Child” from Mini India and a presentation entitled ‘Adhikaarin’: A choreographed presentation meaning one having authority on the theme of ‘Development of the Girl Child’ during the Girl Child Day Celebrations, 2014 by the Ministry of Women and Child Development, Government of India with the support of NBS/NRCW/NMEW on 24th Jan, 2014 2. Panelist, Participant, Chairperson, Resource Person in Panel discussions and Academic Sessions in National and International Seminars/Colloquiums/Conferences(eg., Participant as a panelist in Valedictory Session of ESRI's User Meet or Chairperson at Natural Resource Management Session in International GIS Conference) since 1990 in geospatial discourses and after 2002 also in digital learning discourses. 3. More than 124 industry interactions other than Academics including-arranging placement drives, counseling initiatives, as a panelist in interview board or competency development, etc.(2005-present) 4. Organised more than 21 National Integration Camps (200- 700 participants) , with other members as one of the Office Bearer of NBS (National Executive)- till 1990 & from 2013... 5. Media Coordinator of the Sports Events (National & International level) – till 1990 6. Convener of following College committees since 1987: Building committee (present) Students Union, Debsoc, Portal, Avenues, Fine Arts & Photography Fostas, Adventure club, Fee concession, Environmental club, etc., Chairperson Sports Council KMC (2013-2014) Member of the following College Committees: DEBSOC, FINE ARTS, Development, Portal, Computer, Women Cell: Parivartan, Prayas, Fee Concession, NAAC, etc.
Dr Arun Kumar Tripathi	<ol style="list-style-type: none"> 1. Co Coordinator, NSS, SAAHAS-Women Empowerment Cell, SAHYOG- Educational Development Cell for Children, Environmental Cell, NGO Coordination Cell. 2. Public Information Officer, K M College

Dr Khusro Moin	1. Participated in the programme organized by the Department of Geography to train students for disaster management this year in our college by NDRF.
Dr. Mohammed Baber Ali	NDRF Training Workshop in the College for students/faculty in 2015

35. a) SWOT (Strength, Weakness, Opportunity, Threat)

Strength:

- Department of Geography has very extremely qualified staff of nine teachers out of which 8 are Ph.D.s
- Department of Geography has one trained Cartographer also along with one laboratory attendant.
- Department of Geography has two cartography labs and one GIS/Remote Sensing laboratory, which are all equipped with Over Head Projectors.
- Department of Geography has brilliant students coming from different states of the country.
- Educational trips are organized by the department every year to enhance and enrich student's knowledge, analytical skills and cognitive abilities.
- Department of Geography has produce excellent university results (positions) over the period of time
- Good intake of Students.
- Alumni support for offering internship to the current students.

Opportunity

- GIS/ Remote Sensing can be further promoted to make the subject more vocational for students.
- Training for special programme like disaster management can be imparted.

Weakness

- Teacher student ratio is 1:27 which restricts degree of individual attention to students.
- Shortage of space for research work.

Threat

- Over the years the number of students has increased in large proportions thus causing pressure on the infrastructure.

b) Future Plans

- Research facilities and infrastructure for students and teachers should be improved.
- Inter college collaboration of geography department be initiated.
- Exchange programmes with other universities (National and International) will be actively pursued.
- Will make provisions for internship of students.
- GIS Lab will be further equipped with latest software.

Department of Hindi

1. Name of the Department:Hindi

2. Year of Establishment: 1954

3. Names of the Programmes offered:

B.A. (Hons) Hindi

4. Names of Inter-disciplinary courses offered	Departments involved
B.A. (Hons) All Courses	All
B. A. (Prog.), B.Com (Prog.)	Hindi, English, Pol. Sci., History,

5. Annual/choice based credit system (programme wise):

B.A. (Honours) Hindi CBCS

B.A. (Honours) Hindi Three year Programme

B.A. (Honours) Hindi Erstwhile FYUP

6. Participation of the department in the courses offered by other departments:

Course/ Programme	Number of Papers Offered in Hindi
B.A(Prog)Hindi	8 Papers
B.A(Hons)Hindi General	4 Paper
B.Sc. (Hons)General	1 paper

7.Courses in collaboration with other Universities:Nil

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification
Three year Semester Programme was discontinued in 2015-16	Delhi University notification

9. Number of teaching posts

	Sanctioned	Filed
Associate Professors	11	7
Assistant Professor		4

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D / M.Phil.etc.,)

S.No.	Name	Qualificati on	Designatio n	Specializat ion	No. of Years of Experienc e	No. Of Ph.D. Students guided for the last 4 years
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						Registered	Submitted	Awarded
1	Dr. Mahesh Kumar	M.A., M.Phil, Ph.D.	Associate Professor	Hindi Madyakal	37 years	2	2	2
2	Dr. Vidya Sinha	M.A., M.Phil, Ph.D.	Associate Professor	Hindi Fiction(Regional fiction) folk literature	37 Years	2	Nil	Nil
3	Dr. Kiran Nanda	M.A, Ph.D.	Associate Professor	Medival Poetry	35 Years	Nil	Nil	Nil
4	Dr. Bali Singh	M.A., M.Phil Ph.D.	Associate Professor	Modern Criticism and poetry	22 Years	2	Nil	2
5	Dr. Beena Jain	M.A., M.Phil, Ph.D.	Associate Professor	Criticism and fiction	22 Years 2 months	Nil	Nil	Nil
6	Dr.Pragya	M.A., M.Phil, Ph.D	Associate Professor	Modern Hindi Literature, Theatre , Hindi Fiction	18 Years 2 months	4	Nil	Nil
7	Dr. Namdev	M.A., M.Phil, Ph.D	Associate Professor	Modern Hindi Fiction and criticism	17 Years	1	Nil	Nil
8	Dr. Rasal Singh	M.A., M.Phil, Ph.D.	Assistant Professor	Adhunik Kavita	11 Years 2months	2	Nil	Nil
9	Dr.Shobha Kaur	M.A., M.Phil, Ph.D	Assistant Professor	Rangmanch and Bhaktikal	10 Years 11 month	1	Nil	Nil
10.	Dr.Satyadea Prasad (Adhoc)	M.A, M.Phil Ph.D	Assistant Professor	Hindi Natak and Rangmanch	6 Years	Nil	Nil	Nil
11	Dr. Ritu Varshney Gupta (Adhoc)	M.A., Ph.D.	Assistant Professor	Upanyas	8 Years	Nil	Nil	Nil
12	Ms. Manju Rani (Adhoc)	M.A., M.Phil	Assistant Professor	Medival Poetry	2 years 6months	Nil	Nil	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: Nil

13. Students-Teacher Ratio (programme wise):

B.A. (Honours) Hindi 15:1

*All the B.A (Prog.) and B. Com (Prog.) students are also taught by Hindi Department, which is not included in calculating the Student-Teacher ratio.

14. Number of academic support staff (technical) staff: Nil

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Permanent	9	8	-
Ad-hoc	2	2	-

16. If any ongoing projects from a) National b) International funding agencies and grants received.

Name of the teacher	Nature of the Project	Duration	Title of the Project	Name of the funding agency	Total Grant	Total grant received till date	Equipment purchased for the project
Dr. Shobha Kaur	Major (National Project)	2013-Onwards	Shri Dasham Grantha:Aitih asik evem sanskritik sarvekshan	UGC	9,07,496	6,49,600	Camera Laptop Printer Scanner

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Name of the teacher	Nature of the Project	Duration	Title of the Project	Name of the funding agency	Total Grant Sanctioned	Equipment purchased for the project
Dr. Shobha Kaur	Minor	2000-02	Sattottari avyavsayik rangmanch (seemayen ur sambhavnayen)	Department of cultural Govt. Of India	72,000	None
Dr.Rasal Singh	Minor	2014-15	Krishi Sabhyata Ka Sankat aur Samkalin Hindi Kavita	Researh Council, University of Delhi	55,000	
Dr.Vidya Sinha	Minor	2008-11	Sanskarettar lokgeeto mein kathatatwa aur sanrachna k sutra(Bhojpuri, Awadhi, Garhw	UGC	8,00,000	Laptop Voice Recorder

			ali,Bhashao mein)			
Dr. Namdev	Innovation Projects KMC 2003	2013 - 2014	Dertermining the Quality of Management Education in Northern India	DU	3,00,000	Pendrive 6 Dongal-3 Printer-1
Dr.Rasal Singh	Innovation Projects KMC 205	2013 - 2014	Workers in Fastfood Outlets : A Glimpse of Their Life	Research Council, University of Delhi	3,00,000	Pendrive 3 Dongal-3 Printer-1 Hard Disk-3
Dr.Rasal Singh	Innovation Projects KMC 301	2014 -15	Changing Complexion of Delhi: A Study of Jhuggi-Jhopadi Clustersand Cultural Transition	Research Council, University of Delhi	3,50,000	-

18. If any Research Centre / facility recognized by the University developed by you:
Nil

19. Publications (Summary):

Name	Papers Publications:		Books Published	Chapters in books	Translation Work
	International	National			
Dr.Mahesh Kumar	-	-	3	-	-
Dr. Vidya Sinha	-	4	6	1	-
Dr. Kiran Nanda	-	-	6	-	7
Dr. Bali Singh	-	10	6	5	-
Dr. Beena Jain	-	4	1	-	-
Dr.Pragya	-	40	7	3	-
Dr.Namdev	-	73	5	9	-
Dr.Rasal Singh	-	29	13	7	-
Dr.Shobha Kaur	-	8	4	-	-
Dr.Satyadeo Prasad	-	5	1	2	-
Dr.Ritu Varshney Gupta	-	30	4	-	-

Manju Rani	-	-	5	-	-
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Publications (Details):**Dr.Mahesh Kumar****Books:**

1. 'Kavya Sourabh' B.A. (Hons.) Hindi 'A' Subsidry (Text Book, DU)Vani Prakashan.2000.
2. 'Sur Kavya Me Mithakiye Tatva -Sanjay Prakashan 2002.
3. Bhashaprabodh' B.A. (Prog.) Hindi 'A', 'B' and 'C' (Text Book ,DU)Vani Prakashan 2005.

Dr.Vidya Sinha**Books:**

1. Adhunik Paridrishya Anchalikta aur Hindi Upanyas-ISBN No. 81-7055-8042 Vani Prakashan.2001.
2. Nayi Kavita: Nirala, Agyeye aur Muktibodh (Edited) - ISBN-No. 81-8143-044-1Vani Prakashan.2003
3. Swatantrayottar kahani ka paridrishye aur Phanishwar Nath Renu ki kahaniyan-ISBN-No. 81-8143-045-X Vani Prakashan 2003.
4. Hindi Gadhya Vidha: Edited Delhi University.
5. Bhartiye Lok Sahitya: Parampara aur Paridrishye- ISBN-No. 978-81-230-1706-8 Prakashan Vibhag.2011.
6. Hindi Lok Sahitya: Path aur Parakh ISBN-No. 978-81-9221-269-2.October 2015. Mudrak: Pay interprises New Delhi.

Chapter in Book

1. Bhartiye Sahitya ka kirtistambha: Sone ki kalam vala hiranISBN-No. 978-81-230-1671-9Phanishwar Nath Renu. (Prakashan Vibhag) 2011.

Articles in Magazine

1. "Usne Kaha Tha" rachna ka punarpath, Istri purush sambandho ki jatilta ka path, Naya gyanodaye NOV 2005.
2. Bihar k lok gayakon k bich chahdin, Naya Gyanodaye Dec 2005.
3. Prastuti Angika lokgeet, June 2006. Naya Gyanodaye
4. Prastuti Kumauni Lokgeet, AUGUST 2006.

Dr.Kiran Nanda**Books:**

1. Sant Kavya Me Vidroh Ka Swar (Sodh Prabandh),Nachiketa Prakasha 1983. ISBN No.978-93-80643-18-2.
2. Lekhan Seli Dakshata Hindi 'A' 2005 Satish Prakashan ISBN No. 81-88932-40-X
3. Hindi Bhasha Shamata 'B'-2005, Satish Prakashan ISBN No. 81-88932-29-9.
4. Hindi Bhasha Shamata 'A'— 2006, Satish Prakashan ISBN No. 81-88932-65-5s
5. Lekhan Seli Dakshata Hindi 'B' 2011,Sa tish Prakashan ISBN No. 978-93-81479-03-0
6. Punjabi Hindu Vivah Riti Riwarz Geet Ek Jhalak, Mudit Prakashan.2014. ISBN No. 978-93-80643-18-2.

Translation Work:

1. Japani Adhyatmik Neta, (Happy Science) Master Ryuho Okawa, happyscience, 2011.
2. Budh Ka Saar, Happy Science, 2011.
3. Prasannata Ke Niyam, Happy Science, 2011.
4. Swarnim Niyam, Happy Science, 2011.
5. Shashwatata Ke Niyam, Happy Science, 2011.
6. Buddh Ka Punarjanm, Happy Science, 2011.
7. Surya Ke Niyam, Happy Science, 2011.

Dr.Bali Singh

Books:

1. 'Uttar Adhunikata aur Samkaleen Hindi Aalochana', Swaraaj Prakashan, N. Delhi, 2015.
2. 'Abhi Baaki Hai', Arang Prakashan, Delhi, 2015
3. 'Kavita Kee Samkaleenta' (Aalochana), Shankar Publication, Delhi, 2005
4. 'Aankhon Kee Hadon Se', (Kavita Samkalin), Delhi, 1999
5. 'Navjagaran Aur Acharya Ram Chandra Shukla,' (Aalochana), Delhi, 2000

Edited:

1. 'Footegi Phir Bhor', Sahmat, Delhi, 2008

Chapter in Books:

1. Vrindavan lal Verma Ka Upanyaas, '1857' 'Baghavat ka Daur' edited by. M.M.P Singh, 2009, Sancha Prakashan.
2. Prakriti Swachhand Hai', Kavita ka Lokatantra, edited by Abhishek Kashyap, 2008, Akshar Shilpi Prakashan.
3. Swatantrata Ka Sankat Aur Srijansheelta,' Sahitya itihās Aur Adhunik Bodh, edited by K.D. Sharma, Swaraj Prakashan, Hari Mohan Sharma, 2004.
4. Prachalit Sameeksha Main Badlow Kee Koshish, edited by Dr. Rajendra Kumar (Aalochana ka Vivek), 2004 Lok Bharti Prakashan.
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6. Gobind sahitya ki prasangikta(book authored) shankar publications delhi india, 2015 ISSN/ISBN no. 81-902285-1-x
7. Chandi charitr ki prasngikta 2014 vaak sudha 74-77issn/isbn no2347-6605.
8. Mithkeey natkon mein vyngy chetna 2015 vaak sudha 214-219issn/isbn no2347-6605.

Research papers in books

1. Bhartiye rangkosh khand 2, 2006 nsd delhi issn/isbn no81-8197-017-9

Drama reviews

1. 'bal rangmanch ki disha mein smagr ka naya pryas' in veer arjun newspaper on 18th september 1997.
2. 'avyvsaayik rangmanch ki saphal prstutitan' in abhivykti patrika december 1996.
3. 'aaj apna bhi sach laga jhootha' in veer arjun newspaper on 02nd march 1997.
4. 'bhand duhai: kashmiri lok natya ka adbhut pradrshan' in veer arjun newspaper on 08th march 1997.
5. 'kaimp: manveey samvedna ka antim sach!' in veer arjun on 14th december 1997.
6. popular article
7. 'sikud raha hai hindi kitabon ka bazar' 'dainik rashtreey sahara' se sabhar akhil bhareey hindi prkashak sangh on 03th june 1997.

Dr.Satyadeo Prasad

Book :

1. Visthapan aur Kali Burf, Subodh Publication, Delhi-53 , ISBN-97881-924936-0-2, 2013.

Research Paper:

1. Sanskrit Sushasan, Waak Sudha, ISSN-2347-6605, Nov-Jan 2013-14, P.33.
2. Khokhle Samaya Ki Thos Rachna: Aadhe-Adhure, Samyak Bharat, Sep.2013,p-

44 ISSN-2277-2553.

3. Visthapan ki samasya aur meera kant ka natak kali burf, Sanyak bharaat, dec. 2013, p-29, ISSN—2277-2553

Book Review:

1. Achhoot achhoot achhoot, Hashiye ki awaz, Writer-Vikram kumar, Joint editor-Kamlakant prasad, june-2013, p-35, ISSN 2277-5553
2. Bujhne wali nahi lagti ye aag by Pooja khillan, 20 june 2012, rashtriy sahara, delhi.

E-Books:

1. Sahitya-Chintan-I (Edited). Shabd Shakti. Editor-Dr. Rasal Singh. Uploaded on www.vle.du.ac.in(2015), ISBN No. 978-93-85611-98-8.
2. Hindi Sahitya ka Itihas (Madhyakal Tak) Ritikal Vastunishtha Prashnaotari Editor-Dr. Rasal Singh Uploaded on www.vle.du.ac.in(2015), ISBN No. 978-93-85611-50-6.

Dr. Ritu Varshney Gupta

Books :

1. Hashiye par bhavishye, (2009) vishwavidyala prakashan (varanasi) ISBN 978-81-7124-696-0
2. Yashpal ke upanyaso me samajik yatharth, (2010) vishwavidyala prakashan (varanasi) ISBN 978-81-7124-755-4

List of Publications:

1. Ethiasik paripreksh me nari mukti aur divyaanusheelan/issn 0973-8762/pg 2008
2. Dada comrade' rajnatik romance aur yatharth ka dvandresearch paper / review article jigyasa/issn 0974-7648/pg 190, 2008
3. Ansoo: kavi prasad ki saundrya chetnaresearch paper / review article paresheelan/issn 0974-7222/pg, 2010.
4. Lok sahitya ki sanskritik drishtresearch paper / review article kashika/issn 81-85305-30-7/pg, 2010
5. Kabir ki kavita aur dalit vimarshresearch paper / review article sampragya/issn 0975-881x/pg 1, 2010
6. Nirala ki pragati chetnaresearch paper / review article paresheelan/issn 0974-7222/pg, 2010
7. Sant kabirresearch paper / review article paresheelan/issn 0974-7222/pg, 2010
8. Skandgupt: ek tatvik vivechanresearch paper / review article sampragya/issn 0975-881x/pg oct-dec 2010.
9. Sant sahitya ki vichar dhararesearch paper / review article shodh patrika/issn 0970-1745 2011
10. adunikta aur kabir ki samvednaresearch paper / review article anusheelan/issn 0973-87/pg 18, 2011
11. Bhartiya sanskriti aur sahityaresearch paper / review article mulye vimarsh/issn 0976-3694/p, june 2011.
12. Varanasi ki sanskritik parampara aur bhartendu sahityaresearch paper / review article wisdom herald/issn 2231-1483
13. Sant dadu dayalresearch paper / review article adhikar/issn 2231-2552/pg 25-aug 2011.
14. Kathavastu ki drishti se kurkshetra ka vivechan 15 days/issn 2249-605x/pg , 2011.

15. Markandya ki kahani ki bhashik sanrachna 15 days/issn 2249-605x/pg 28-2011
16. Yashpal ka upanyasik shilp evum samajik dharatalapurva/issn 0975-5780/pg 16-2. 2009-2010
17. Sant rajab ki bhakti bhavnashodh patrika/issn 0970-1795/ 2011
18. Yashpal ki samajvadi bhavana aur amitaparesheelan/issn 0974-7222/pg 2009.

Popular article:

1. Bhartiya chintan me paryavaran sanrakshan ki avdharna vartman sahitya (Aligarh)/ank 26/pg 50-51, 2010.
2. Pandit hazari prasad dwivedi ki upanyasik srishtiyo me samajik rupantaran ki drishti, nagri patrika (Varanasi)/ank-9/pg 4-6, 2010.
3. Susanskaro ke pranatav, varshney kalian (Agra)/ank-13/pg 47-49.2006-2007.
4. Dharmo rakshiti rakshat, varshney kalyan(Agra)/ank-14/pg 186-187,2007-2008
5. Prachin bhartya samaj me striyo ki stithi, varshney kalian (Agra)/ank-16/pg 31-37,2009-2010.
6. Kashi ki sanskriti avum tyohar, varshney darpan (Delhi)/ank-209/pg 29-30 May 2010.
7. Grahastha jeevan palne ke upaye, varshney darpan (Delhi)/ank-217/pg 9, 2011.
8. Yashpal ki rachnadharmita, teri meri uski bat (varanasi)/ank-2/pg 7-8.

News paper articles:

1. Nari purush samband prachin se vartman tak, himprabha (Chandigarh)/ank-273 Dec 2010.
2. Mahamana ki shiksha pranali, himprabha(Chandigarh)/ank-288 Dec 2010
3. Yashpal ke upanyaso me nari purush samband, naya lok yug (Chandigarh)/ank-191 Nov 2010.
4. Soch, aaj samaj, Sunday 11 October 2015.

Manju Rani

Books :

1. 'Stari sangharsha aur meera: Tab aur Ab, 2011, Subhanjali Prakashan, Kanpur ISBN: 978-93-83538-03-4.
2. Bhakti sahitya main prem abhayakti aur meera2011, Subhanjali Prakashan, Kanpur ISBN: 978-93-83538-04-1.
3. Dalit sahitya: swanubhti ya sahanbhuti, 2012, Subhanjali Prakashan,Kanpur ISBN: 978-93-83538-07-2
4. Meera:Meri Yatra, 2013,Subhanjali Prakashan,Kanpur ISBN: 978-93-83538-00-3
5. Kavya Bhasa aur maluk das, 2013,Subhanjali Prakashan,KanpurISBN: 978-93-83538-01-0

20. Areas of a)consultancy, b)collaboration,with industry/institution; at the individual or institutional level and the income generated therein, if any:None.

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board

Dr.Mahesh Kumar	<ul style="list-style-type: none"> • Convenor of Refresh Course 11.02.2009-03.03.2009 • Observer of M.B.B.S. Examination ,U.G.C. Net Examination • Convenor of Refresh Course 11.02.2009-03.03.2009 • Observer of M.B.B.S. Examination conducted by CBSE.Jaipur & Lucknow.
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	<ul style="list-style-type: none"> Observer of M.B.B.S. Examination conducted by DU. Observer U.G.C. Net Examination LB college DU.
Dr. Vidya Sinha	<ul style="list-style-type: none"> Chairperson in CCC (College Complaint Committee) July 2011 to July 2013.
Dr. Bali Singh	<ul style="list-style-type: none"> Examiner for evaluation of M.Phil, JNU, 2015.
Dr. Beena Jain	<ul style="list-style-type: none"> Member Rajya Parishad- Janvadi Lekhak Sangha.
Dr. Pragya	<ul style="list-style-type: none"> Member of literary trust "shabad sandhaan"
Dr. Namdev	<ul style="list-style-type: none"> Member, Editorial Board. An International Journal "www.JankritiPatrika.com".
Dr. Rasal Singh	<ul style="list-style-type: none"> Member, Syllabi Committee which designed the syllabi for M.A. Hindi, Ph. D. Course Work and Proficiency in Hindi Course offered by Dept. Of Hindi and India Studies, EFL University, Hyderabad. (2010). Associate Editor, SAMUCHCHAY, the Biannual Refereed Journal of EFL University, Hyderabad. (2010). Head (in-charge), Dept. Of Hindi and India Studies, the English and Foreign Languages University, Hyderabad. (2010).
Dr. Shobha Kaur	<ul style="list-style-type: none"> Member of Kendriye Vidyalaya selection committee.2012-2015.
Dr. Ritu Varshney Gupta	<p>International</p> <ul style="list-style-type: none"> Hindi Gaurav (Australia pratham online samachar patra) k Vyavasthapak evam sampadan samiti mesahbhagita. 2010-2011. <p>National</p> <ul style="list-style-type: none"> 15 Days journal salahkar samiti me shamil.

22. Awards/ Recognitions received by faculty:

Name of Faculty	Award	Year
Dr. Pragya	Bhartendu harishchandra award 2008 , ministry of information and broadcasting for book " tara ki alwar yatra"(1 st position)	2008
	Pratilipi.Com Katha Samman 1 st prize for story 'TAKSEEM' chosen from 180 stories. On Hindi Divas, 14 Sep, 2015.	2015
Dr. Namdev	Dr. B.R. Ambedkar Fellowship Award 2007 by Bhartiya Dalit Sahitya Academy, Delhi.	2007
	Vishwa Hindi Sevi Sammaan by Vishwa Hindi Manch, U.P. India 2013.	2013
	"Hindi Samman" 2015 by Punjab Hindi Parishad (Registered) Ludhiana.	2015
	Received 100% Travel Grant by UGC New Delhi for paper presentation entitled "Hindi Sahitya Me Samanvay Aur Ekta Ka Vaishvik Darshan " at International Conference (Sahitya Aur Vishva Shanti) jointly organized by Vishva Hindi Manch, India & SILPAKORN UNIVERSITY, BANGKOK (THAILAND) at BANGKOK, THAILAND on the date 16 -21 October 2013.	2013
Dr. Ritu Varshney Gupta	Hindi Yugm December Uni kavita pratiyogita me kavita "samvedna" k liy puraskar.	2010
	Akhil Bhartiye Hindi Sevi Sansthan Allahabad "Rashtrabhasha Guarav" Upadhi	2015

Manju Rani	Saraswat Samman by Vikasika Sahiyatik , sanskritik and samajikSansthan.Lucknow, 2014.	2014
	Honoured by Rashtra Bhasha Gaurav 2014 Manad Upadi 'AkhilBhartiya Hindi Sevi Sansthan: Allahabad.	2014
	Honoured by Youth for Social Justice, Delhi University, Delhi. 04 April	2015
	Honored by Akhil Bhartiya Mahila Rachnakar Samiti, Allahabad	2015
	Akhil Bhartiye Hindi Sevi Sansthan Allahabad “Sahitya Vachaspati” Upadhi 2015.	2015

24. List of eminent academicians and scientists / visitors to the department:

Prof.Abdul Bismillah	Kahanikar	Two day Hindi sangoshthi fest SHABDOSTAV to celebrate the birth centenary of Bheeshm Sahni feb 2015.
Prof.Jabrimlal Parak	Writer	
Mr.Arvind Gaur	Natakakar	
Prof.Harimohan Sharma	Professor	Ramvilas Sharma ki Alochna Drishti,2011
Prof.Devandra Raj Ankur	Theratre Activist	
Dr.Harish Naval	Professor	Seminar on Sahity adhyan ki drishti 2010-11
Dr.Prem Janmajay	Vyangakar	Miliye Vyangakaro Se 2015.
Dr.Sushil Siddharth	Vyangakar	Seminar On "Bhaktikal" Hindi Sangoshthi ,KMC.DU
Prof.Gopeshwar Singh	Professor	
Prof.Asgar Wajahat	Writer	Book Release and Contemrary Hindi Fiction.2015.

25.Seminars/ Conferences /Workshops organized & the source of funding

a) National:

Year	Title of Seminars/Conference/Workshop	Funding Agency	Organized by
2015	Organised National Seminar “PALLAV” along with various categories of Literary Programmes, March 2015.	Hindi Sahitya Parishad, ONGC and LIC,	Department of Hindi, Kirori Mal College

b) International: Nil

26. Student profile programme/course wise:

Name of the Course/programme B.A. (Hons.) Hindi	PassPercentage*
2011-12	-
2012-13	-
2013-14	-
2014-15	-

*Refer to Section 5.2.2

27. Diversity of Students: No Documentation

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Approximately 10-15% have cleared national and State competitive examinations, (Year wise data will be recorded in future.)

29. Student Progression: No documentation

30. Details of Infrastructural facilities

a) Library:

Year	Amount	Books
2010-2011	65,000	249
2011-2012	62,500	232
2012-2013	58,547	308
2013-2014	74,247	498
2014-2015	88,544	273

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility: Y

d) Laboratories: Nil

31. Number of students receiving financial assistance from college, university, government or other agencies: Year-wise data to be recorded in future

32. Details on student enrichment programmes:

- Lecture by Shri Amrit Rai, Sept 1979.
- Lecture by Shri Jainendra kumar, Aug, 1980.
- Lecture and Discussion on “Premchand ka katha Sahitya” Nov 1985.
- Two –day Seminar on “Nai Kavita, Nirala, Agegye aur Mukti Bodh” FEB, 1990.
- Two day seminar on “Bhakti Andolan ki Aithihasik parishth Bhoomi Ur Bhakti Sahitya ki Prasangigkta JAN, 1992.

- Lecture on “Kabir ki kavita aur unka Vyaktitva” by Dr.Kusum Sivastava.Sept 1993.
- Two Lectures and group discussi on on”Chayavadi Kavita Anubhuti aur Vichar ke Ayam “by Dr.K.D.Paliwal and Dr.Hardyal, Oct, 1994.
- Three lectures on topic related to”Katha Samiksha ka Maan”Feb 1996.
- Two day seminar on’adhunikta ki Avadharna aur Adhunik Sahitya”Sept 1997.
- Seminar on Employability of Hindi in Various Field-Eminent speakers were Alumni of KMC 2009.
- Lecture on”Navjagran aur Hindi Sahitya by K.D.PALIWAL, 2011
- Kavyapath by eminent women poets Amita Sharma and Anamika in Oct 2014.
- One day seminar on Dhurvswamini ; Ek charcha, 2010-11
- Seminar on Sahity adhyan ki drishti 2010-11
- Two day fest SHABDOSTAV 2010-seminar titled Natak aur rangmanch.
- One day interdisciplinary seminar on Premchnd.Jan,2015
- Two day Hindi sangoshthi fest SHABDOSTAV to celebrate the birth centenary of Bheeshm Sahni feb 2015.
- Organised one day seminar on"Ramvilas Sharma ki Alochna Drishti"
- Organised One Day Seminar on Writer “Asgar Wajahat”
- Organised a Seminar on “Bhumandalikaran Aur Hindi Sahitya” in March 2008.
- September 2008 - seminar ‘samkaleen pariprekshy mein shri Guru granthsahib ki prasngikta’ at Kirorimal College in 2008.

33. Teaching methods adopted to improve student learning:

- Paper Presentation.
- Group Discussion.
- Interaction.
- Short Skits.
- Film Screening.
- Power Point Presentation
- Field Work.
- Quiz Method.
- Educational Trip.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activitiessuch asNCC/NSS/Social awareness programmes etc.

Dr.Mahesh Kumar	<p>NSS</p> <ul style="list-style-type: none"> • Seminar on “youth and volunteerism “presided over by Yoganand shastri. • Dasbin placement drives –25 to 29 Sept. 2014. • Clean campus drive (every week in July, Aug and Sep 2014. • Donation drives for Jammu and Kashmir flood vicims-17 to 30 Sep 2014. • Seminar on global warning by Dr.Seema Upadhaya • Women self defence training programme by, world hope foundation -30 aug 2015. • Celeration of white came day with save the overst • Seminar for civil seniar aspirants in association with chankya IAS academy • ’Being a women ‘various events and seminar by Abhiyaan Prakash date Nov 3- 2014 • Celeration of ‘EKTA –DIWAS’ • Seminar on women empowerment in modern context by Rakhi Bidlan on Nov 7, 2014. • 12.’Blood donation camp’ on Jan 29, 2015.
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	<ul style="list-style-type: none"> • 13. 'Canteen safai abhiyan' 5-3-2015. • Run for child abuse in association with RAHI FOUNDATION on 1-4-2015. • NSS fast 'Meath' on APRIL 7-4-2015 various event indedine a seminar by RAJDEEP SIR DESAI, MONOJ JHA.
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35. a) SWOT (Strength, Weakness, Opportunity, Threat)

Strength

Language in itself is a great strength that has an additional benefit when they learn it through various papers of literature. This develops their power of expression and communication skills. Hindi has a developing space and market in various fields. It has become more popular with globalization along with its rich traditional heritage of great literature. In today's world communication is the greatest skill. Hindi today gives them variety of career options all over the world.

Weakness

The students of modern Indian languages face a psychological problem of inferiority. Lot of them also come from humble backgrounds, lack of confidence in students is a weakness which can be dealt with a bit of effort by teachers. The second Major weakness is the setting up of curriculum. Hindi can be made more interesting as far as the selection of content is concerned, lack of energetic involvement of students is also a weakness.

Opportunities

Opportunities arise through our weakness. If the weaknesses are overcome, which is very much possible, sky is the limit. As far as the job opportunities are concerned, Hindi graduate is eligible for any competitive exam from UPSC to banks to other government jobs. The students of today are aware of technology in the field of communication, information and expression. They have vast fields of translation, advertisement and marketing world. Most of the Universities teach Hindi. The way India is evolving in the direction of world power more opportunities are opening for Hindi. Media and journalism have variety of opportunities along with printing and publishing.

Threat:

The biggest threat is that foreign languages attract students more than MIL. The fault also lies with the setting up of curriculum.

Other threat is that various courses offered by University are getting reduced day by day. This should be addressed.

Lack of communicating the opportunities offered by Hindi, its popularity world over and its strength with its rich cultural heritage should be communicated to students.

b) Future plans:

- The department will encourage the students to learn about relating their knowledge with the society, politics, economics, religion, culture with examples of today.
- Scientific approach to apply the knowledge and curiosity to learn more will further be developed.
- Teachers try to understand the talent and capabilities of various students and try to develop that particular skill and connect it with what they study.

Department of History

1. Name of the Department: History

2. Year of Establishment: 1954

3. Names of the Programmes offered:

B.A. (Honours) History

4. Names of Inter-disciplinary courses offered	Departments involved
B.A. (Prog.)	English, Hindi, Economics, Political Science, Philosophy
B.A (Honours)	English, Hindi, Economics, Political Science, Geography, Urdu, Sanskrit

5. Annual/semester/choice based credit system (programme wise):

B.A. (Honours) History CBCS

B.A. (Honours) History Three year Programme

B.A. (Honours) History Erstwhile FYUP

6. Participation of the department in the courses offered by other Departments:

- Generic Elective course to all B.A (H) and B.A (Prog.) students
- Discipline Centered Course (DCC) to all B.A (H) students
- Foundation Concurrent Course (FCC) to B.A (Prog.) students
- Interdisciplinary course to all B.A (H) students

7. Courses in collaboration with other Universities: Nil

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	12	06
Assistant Professors		06

10. Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D. Students guided
Dr. Firdos Anwar	Ph.D.	Associate Professor	Medieval Indian History	40 Years	-
Dr. (Mrs.) Sundaram Shukla Pandey	Ph.D.	Associate Professor	History of USA	39.5 Yrs	-
Dr. Kumar Amarendra Singh	Ph.D.	Associate Professor	Ancient India	33 years	-
Sanjay Verma	M.Phil	Associate Professor	Modern Indian History	24 years	-
Dr. Vandana	Ph.D.	Associate Professor	Modern Indian History	21 years	-
Dr. Shahana Bhattacharya	Ph.D.	Associate Professor	Modern Indian History	21 years	-
Dr. Manoj Sharma	Ph.D	Assistant Professor	Modern Indian History	10 Years	-
Dr Ajeet Kumar	Ph.D	Assistant Professor	Medieval Indian History	9 Years	-
Puneet Yadav	M.phil	Assistant Professor	Medieval Indian History	8 Years	-
Amit Suman	MA	Assistant Professor	Medieval Indian History	2 Years	-
Vikram Singh Chaudhary	M.phil	Assistant Professor	Ancient Indian History	4 Years	-
Dhiraj Kumar	M.phil	Assistant Professor	Modern Indian History	4 Years	-

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11. List of Senior Visiting Faculty: Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: Nil

13. Students-Teacher Ratio (programme wise):

B.A. (Honours) History: 15:1

The students of B.A. (Prog.) and B.A. Honours of other departments are also taught by History teachers which have not been included while calculating Student: Teacher ratio.

14. Number of academic support staff (technical) staff: Nil

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc
Permanent	07	04	01

16. If any ongoing projects from a) National b) International funding agencies and grants received:

Name of the Faculty	Students Mentored	Projects	Year	Funds
Dr. Ajeet Kumar		PROJECT KMC- 103. DU Innovation Project	2015-16	10,000,00
Dr Manoj Sharma, Mr. Puneet Yadav, Ms. Sahaj Wadhwa (commerce)		Role of films in educating students: An innovative study of colleges of DU	-	3, 00,000

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nature of the Project	Project Name	Name of the funding agency	Total grant received
DU Innovation Project	CHANGING COMPLEXION OF DELHI:A Study of Jhuggi-Jhopadi Clusters & Cultural Transition, KMC 104	DU	Rs. 4,50,000

18. If any Research Centre / facility recognized by the University developed by you:
Nil

19. a) Publications (Summary):

Name	Papers Publications:		Books Published	Chapters in books	Monographs
	International	National			
Dr. Firdos Anwar	-	21	-	-	-
Dr. K.A Singh	-	01	-	-	-
Sanjay Verma	-	-	-	02	-
Dr. Vandana	-		01	-	-
Dr. Shahana Bhattacharya	-	02	-	02	-
Dr. Manoj Sharma	01	05	-	06	-
Dr. Ajeet Kumar	02	02	02	01	-
Puneet Yadav	01	-	-	-	-
Vikram Singh Chaudhary	03	01	01	-	-
Dhiraj Kumar	-	04	-	-	-
Amit Suman	01	08	01	03	-

b) Publications (Details):

Dr. Firdos Anwar

List of Publications:

1. 2014: Evolution of Indo – Muslim Relations and the Emergence of a Composite Culture in India. New Outlook – House Journal of Kirorimal College, Delhi
2. 2014: Leading Family Groups of The Mughal Mansabdars Under Shahjahan Proceedings of the National Seminar on Authority and Challenge: Process of State and Social Formation in India – Akbar Publications, Delhi
3. 2012: January 15-21 : Delhi a Cultural Hub City Plus (5th Anniversary Issue: Glorious Past), P-6, Delhi
4. 2001: Nobility Under The Mughals (1628-58) Manohar Publications, New Delhi – 2001
5. 1998 July: Participation of Mughal Umara in some Central Administrative Positions Indian Historical Review (Indian Council Of Historical Research), Delhi

6. 1997 Oct.27: Dharm Aur Rajneeti – Madhya Kaleen Bharat Ke Sandharv Mein (Hindi) Muzaffar Nagar Bulletin & Dainik Jagran, Muzaffar Nagar – U.P
7. 1994 April: Numerical Strength and Composition of The Mughal Nobility under Shahjahan Islamic Culture, Vol. LXVIII No.2, Hyderabad
8. 1994 August: Religious Ideas and Movements (16th –Mid 18th Century) Indira Gandhi National Open University, EH 1-04 Unit 29, Delhi
9. 1994 August: State and Religion (16th – 17th Century) Indira Gandhi National Open University, EH 1-04 Unit 30, Delhi
10. 1993: Mughal Kal Mein Farsi Itihaas Lekhan (Hindi) Madhya Kalin Bharat, Vol – II, Delhi University Publication, Delhi
11. 1993: Mughal Kal Ka Patan – Vibhinn Vichar Dharaen (Hindi) Madhya Kalin Bharat, Vol – II, Delhi University Publication, Delhi
12. 1992: Ghalib Ke Ahad Mein Mughal Umara Ki Kaifiyat (Urdu) Ghalib Nama, Delhi
13. 1992: Impementation of Escheat under Shahjahan – Some Implications Proc. Indian History Congress, Delhi Session
14. 1992: Socio – Political and Economic Implications of Escheat: A case study of Shahjahan’s Reign Social Science Probing, Vol.9, Nos 104 (pp 24-30), Delhi
15. 1991 (Feb – Mar): Islamic Philosophy and Islam in India Party Life, Delhi March 1990 – Dec .1990: Was there a “Religious Policy” in Medieval India! Social Science Probing, Delhi
16. 1989 – 90: Conflict between Shariyat and practical Administration in Medieval India New Outlook – House Journal of Kirorimal College, Delhi
17. 1988 – 89: Fundamentalism, Fanaticism and Communalism New Outlook – House Journal of Kirorimal College, Delhi
18. 1987 – 88: Projection of Modern Terminology in Medieval Indian History New Outlook – House Journal of Kirorimal College, Delhi
19. 1986 – 87: Religious Policy – A Critique New Outlook – House Journal of Kirorimal College, Delhi
20. 1985 – 86: Fall of the Mughal Empire New Outlook – House Journal of Kirorimal College, Delhi
21. 1984 – 85: A Note on the Qutab Minar New Outlook – House Journal of Kirorimal College, Delhi

Dr. K.A. Singh

List of Publications:

1. Article ‘Aspects of Vakataka Inscriptions’, Proceedings of the Indian History Congress, 1987

Sanjay Verma

Chapters in Books:

1. A Chapter on Japan in Manchuria in K.T.S. Sarao ed. Modern History of Japan 1868-1953, R.R. Publishers, Delhi.
2. A Chapter on British Expansion in Bengal in H.C. Verma ed. Madhya Kaleen Bharat, Directorate of Hindi Medium, University of Delhi.

Dr. Vandana

Books:

1. Edited book ‘Europe ka Adhunik Itihas: Aayam aur Dishaye,’ Directorate of Hindi Medium, University of Delhi

Dr. Shahana Bhattacharya**List of Publications:**

1. Review of Parita Mukta's book 'Upholding the Common Life: The Community of Mirabai' in the 'Book Review' Vol. XIX-Number 7, July 1995
2. Article 'Un-Accidental Deaths': Fake Encounters and Custodial Killings in India, in Javed Malik edited 'Critical Companion to Dario Fo's Accidental Death of an Anarchist', Worldview Publications Delhi 2001, ISBN: 81-86423-67-2
3. Article "Rotting hides and runaway labour: labour control and workers' resistance in the leather industry in India, circa 1860 -1960" in volume entitled edited by Ravi Ahuja, "Working Lives and Worker Militancy: The Politics of Labour in Colonial India" (Tulika Books, Delhi, 2013) ISBN 978-93-82381-21-1
4. Review of Joan Allen, Alan Campbell and John McIlroy (eds), Histories of Labour: National and International Perspectives in Indian Historical Review 42(1) 170-173, 2015, ICHR, DOI: 10.1177/0376983615571711

Dr. Manoj Sharma**List of Publications:**

1. Hindi Cinema and the Freedom Struggle: 1912-1947, Inclusive, a Journal of Kolkata Centre For Contemporary Studies (KCCS), Volume 1, Issue 5, July, 10, 2014, ISSN-2278-9758
2. British Raj and its ideologies, International Journal of Education, Society and Development, Delhi, ISSN NO. 2349-4549
3. A Chapter or Unit on Concepts, Ideas and Terminology –“ Viceroy, Ghadr, Dependence, Moderates, Extremists, Swaraj, Drain of Wealth, Forward Policy, Hunter Commission,” in Indian National Movement, BAHI-202 for Uttarakhand Open University, Haldwani, Uttarakhand, ISBN: 978-93-84632-03-08
4. National Movement and Currents of Social Reform in Hindi Cinema: 1931-1947, presented and published in Proceedings of Indian History Congress, Sixty Sixth Session, 2005, Vishwa Bharti, Shanti Niketan , ISSN No. 2249-1937
5. A Chapter on 'First World War' in 'Issues in 20th Century World', published by Directorate of Hindi Medium, University of Delhi, Delhi. ISBN No. 978-93-80172-48-4
6. A Chapter or Unit on Concepts, Ideas and Terminology- "Swadeshi, Anushilan Samiti, Nihilist, Revolutionaries or Radicals" in Indian National Movement, BAHI-202 for Uttarakhand Open University, Haldwani, Uttarakhand, ISBN: 978-93-84632-03-08
7. A Chapter on Modernity and Cultural Transformation: Emerging Trends in Culture, Media and Consumption published by Directorate of Hindi Medium, University of Delhi, Delhi ISBN No. 978-93-80172-48-4
8. Neorealism in Italian Cinema: 1942-55, presented and published in Proceedings of Indian History Congress, Sixty Ninth Session, 2008, University of Kannur, Kannur. ISSN No. 2249-1937
9. A Chapter or Unit on Concepts, Ideas and Terminology, "Non-Cooperation, Civil Disobedience, Ramraj, Khadi / Sooti, Individual Self – reliance, National Unity" in Indian National Movement, BAHI-202 for Uttarakhand Open University, Haldwani, Uttarakhand, ISBN: 978-93-84632-03-08

10. Portrayal of Partition in Hindi Cinema: A study of Post- Independence Era presented and published in Indian History Congress, Seventieth Session, 2009, University of Delhi, Delhi. ISSN No. 2249-1937
11. A Chapter or Unit on Concepts, Ideas and Terminology – “Partition, Communalism, Constitution, Radcliffe Line, Republic, Democracy” in Indian National Movement, BAHU-202 for Uttarakhand Open University, Haldwani, Uttarakhand, ISBN: 978-93-84632-03-08
12. An article titled Mahan Khalnayak Pran popular film star, in monthly magazine Yugantar Today, ISSN No. 2349-1043
13. A Chapter or Unit on “The Second World War,” for B.A. for Uttarakhand Open University, Haldwani, Uttarakhand, ISBN Awaited
14. A Chapter or Unit on “Decolonization and Cold War,” for B.A. for Uttarakhand Open University, Haldwani, Uttarakhand, ISBN Awaited

Dr. Ajeet Kumar

Books

1. Cape of Good Hope: A History of its Occupation by Britain, A.K. Publications, New Delhi, 2013; ISBN-978-93-83334-47-6
2. Madhyakalin Bharat: Ek Awalokan, A.K. Publications, New Delhi, 2013; ISBN-978-93-83334-46-9

List of Publications:

1. An article on ‘Religion, Cults and Practices in Medieval Mithila’ published in ANUSANDHANIKA, the Research Journal of Social Sciences and Humanities, Ranchi, Jharkhand, ISSN 0974-200X.
2. ‘Education and Learning in Medieval Mithila’, in International Educational Research & Development (A Refereed, Multidisciplinary, International Journal), Vol.-3, Issue-2, July-September 2013, ISSN No.: 2250-3862
3. ‘Literary Traditions in Medieval Mithila’, in Global Education Society and Development (An International Journal of Academicians), Vol.-5, No.-3, October-December 2013, ISSN No.: 0975-1319
4. An article on ‘Cultural and Aesthetic Traditions of Bihar’ in a Lalit Kala Academy Journal, New Delhi.

Book Chapter

Contributed two Chapters for the text book of class 11th & 12th for Haryana Open School established by the Board of School Education, Haryana, on ‘Globalization, and ‘National Movements in Indo-China’ (Accepted for publication).

Puneet Yadav

List of Publications:

1. Population and Occupational Structure in the ‘Raj’ Days: Tracing the roots of India’s occupational Stagnation, Journal of Social Science and Linguistics, ISSN NO. 2249-2984, vol - 03 2013
2. ‘Rural Poverty and food security in India: an overview of the recent past’, (in co-Authorship) Rise, issue 01, April 2012

Vikram Singh Chaudhary**List of Publications and Books:**

1. Book has been published on “A Study of Settlement Patterns in Upper Ganga – Ramganga Doab (from Proto-Historic to Early Historic Period)”, Indu Prakashan, ISBN: 81-86863-01-0, 2013.
2. Article has been published in International Journal of Multidisciplinary Educational Research on “Terracotta Figurines in Upper Ganga Plain (from OCP to Early Historic Period)”, ISSN: 2277-7881, 2013.
3. Article has been published in Journal of Social Science and Linguistics on “Nature of Subsistence Pattern in Rohilkhand Plain (2nd Millennium B.C. to Early Historic Period)”, ISSN: 2249-2984, 2013.
4. Article has been published in Itihas-Sanshodhan: A Journal of Historical Research and studies on “Significance of Copper and Copper Hoard Cultures in Western Uttar Pradesh (from Proto-Historic to Early Historic Period)”, ISSN: 2277-5609 , 2014.
5. Article has been published in Vidya –Vimarsha on “Development and Significance of Pottery in Upper Ganga Plain (OCP to Red Ware of Sunga Kushana Period)”, 2014.

Dhiraj Kumar**List of Publications and Books:**

1. Peasant and Tribal movements in the late Nineteenth Century Shodh Kalpataree ISSN 2249-6114, April-June-2013.
2. The Rise and Growth of Communalism in India between 1920-47. Vol. II no. III July-September 2013. ISSN:2277-7016
3. The Elements of continuity and change in 18th Centurey India Vol II no. IV October-December 2013, ISSN: 2277-7016
4. Contribution of Raja Ramamohan Roy in the social and cultural transformation of India. Paripraksya ISSN: 2278-0602. 2013 volume VIII

Amit Suman**List of Publications and Books:**

1. Co-authored Book entitled, Perspectives on Colonialism and Nationalism in India: A Study of Historiographical Traditions, with Prakash Narayan, Apple Books, Delhi, 2014, ISBN 978-93-83996-14-8
2. Published paper entitled ‘Indigenous Educational Institutions in Upper Gangetic Valley: Curriculum, Structure and Patronage’ in the peer-reviewed and refereed journal, Social Scientist, vol. 42, nos. 3-4, March-April 2014, ISSN 0970-0293
3. Published paper entitled ‘Event, Memory and Historical Analysis: A Reconstruction of Temple Destruction in India’ in the peer-reviewed and refereed journal, SubVersions, Volume 2. Issue 1. 2014, Violence/Erasure/Memory, Tata Institute of Social Sciences (TISS), Mumbai, ISSN 2347-9426
4. Contributed a chapter entitled ‘Religion, Science, Technology, Art and Literature in Classical Greece (480-322 BC)’, for Course-II, Social Formations and Cultural Patterns of the Ancient and Medieval World, Bachelors with Honours in History, Virtual Learning Environment (VLE), Institute of Life Long Learning (ILLL), University of Delhi, ISSN 2349-154X
5. Contributed a chapter entitled ‘Centralization of Power in Mesopotamia: Temples and Palaces’, for Course-II, Social Formations and Cultural Patterns of the Ancient and Medieval World, Bachelors with Honours in History, Virtual Learning Environment (VLE), Institute of Life Long Learning (ILLL), University of Delhi, ISSN 2349-154X

6. Contributed a chapter entitled 'European Feudalism: Structure, Organization of Production, Technological Development, Various Theories, the Crisis of Feudalism', for Course-II, Social Formations and Cultural Patterns of the Ancient and Medieval World, Bachelors with Honours in History, Virtual Learning Environment (VLE), Institute of Life Long Learning (ILLL), University of Delhi, ISSN 2349-154X
7. Published paper entitled 'Colonial Policies and the Formation of Political Organizations in India' in the peer-reviewed and refereed journal, The International Journal of Social Science & Linguistics, Year 3, Volume 6, ISSN 2319-2755
8. Published paper entitled 'Rise of New Nationalist Elites in Colonial India' in the peer-reviewed and refereed journal, Shodh Prerak, Volume 3, Issue 4, October 2013, ISSN 2231-413X
9. Published paper entitled 'The Overseas Migration of Indentured Labour in Colonial India' in the peer-reviewed and refereed journal, ANUSILANA: Research Journal of Indian Cultural, Social & Philosophical Stream, Year: 9, 2013 Volume L I, ISSN 0973 - 8762
10. Published paper entitled 'Aitihāsik Lekhan mei Kabir ki Bhumika' in the peer-reviewed and refereed journal, Samyak Bharat, Year 10, Issue 2, December 2013, ISSN 2277-2553
11. Published paper entitled 'Colonial State and Education in Northern India: An Examination of Various Policies and Shifts under the Company Period' in the peer-reviewed and refereed journal, Itihas Sansodhan, Volume 3, Issue-5, February-July 2014, ISSN 2277-5609
12. Published paper entitled 'Colonialism and Nationalism in India: A Historiographical Understanding', in the peer-reviewed and refereed journal International Journal of Social Science & Linguistics, vol. 7, 2014, ISSN 2319-2755
13. Contributed a module entitled 'Education: Growth of English Education, Indigenous Institutions of Learning and the Colonial Policies' in the Unit Socio-Economic and Cultural History of India, 1750-1947 for the UGC E-Pathshala Project

20. Areas of a) consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any:

Name of the Faculty	Area	Year	Income (in rupees)
Dr. Manoj Sharma	Visiting Faculty to the School of Open Learning, Department of History Delhi University, to teach students of M.A. History	2012-15	60,000 Approx.
	Visiting Faculty in Non Collegiate Women's Education Board (NCWEB), University of Delhi, to teach students of M.A. History	2012-15	40,000 Approx.

21. Faculty as members in

a) National committees:

Name of the Faculty	Area
Dr. Manoj Sharma	<ul style="list-style-type: none"> • Worked as an Expert on a project for preparing a glossary of History based on NCERT books undertaken by Commission for Scientific and Technical Terminology (CSTT), Ministry of Human Resource Management (MHRD), Government of India.

	<ul style="list-style-type: none"> • Working as an Expert on a project for preparing a Definitional Dictionary of History based on NCERT books undertaken by Commission for Scientific and Technical Terminology (CSTT), Ministry of Human Resource Management (MHRD), Government of India. • Working as an Expert to preview audio – visual programmes for Consortium of Educational Communication (CEC), University Grants Commission • Working as an Expert to review manuscripts for Hindi Nideshalaya, Ministry of Human Resource Management (MHRD), Government of India • Working as an Expert to appoint PGT – TGT in Kendriya Vidyalaya (Central Schools) under Ministry of Human Resource Management (MHRD), Government of India • Prepared Pat Questions for class XI-XII, History for Central Board of Secondary Education - International (CBSE –i) in 2012 • Prepared Pat Questions for class XI-XII, History for Central Board of Secondary Education - International (CBSE –i) in 2013
Mr. Sanjay Verma	Worked as an Expert on a project for preparing a glossary of History based on NCERT books undertaken by Commission for Scientific and Technical Terminology (CSTT), Ministry of Human Resource Management (MHRD), Government of India.

b) International Committees: Nil**c) Editorial Board:**

Mr. Puneet Yadav	<ul style="list-style-type: none"> • Member Editorial Board SPT Journal of Academicians, Uttar Pradesh, India, Vol-1/No-2/2013, ISSN NO. 2321-7413. • Consultant Editor, Member think-tank; ‘Rise’; annual news-letter, Economics Society, Zakir Husain Delhi College, University of Delhi
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22. Student projects:

	Percentage of Students
In-house projects including inter departmental/programme	100%
Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	---

23. (a) Awards/ Recognitions received by faculty:

- Dr. Firdos Anwar, Distinguished Teacher Award by Delhi University, 2009

23. (b) Awards/ Recognitions received by students:

- Riya Gupta - who received the Dr. Om Prakash Memorial Award in 2012, 2013 and 2014 (Academic Award for standing first in College)

24. List of eminent academicians and scientists / visitors to the department:

Year	Special Lectures/ Workshops/ Seminars	Names of conducting individuals/ organisations/ institutions
2012-13	Authority and Challenge: Processes of State and Social Formation in India	Emeritus Prof. Irfan Habib, Department of History, Aligarh Muslim University.
2013-14	Histories of the Urban: Reflections on Changing Cities	Retired Prof. Sumit Sarkar, Department of History, Delhi University
2014-15	Identities in History: Power and Contestation in Ancient, Medieval and Modern India	Retired Prof. B.D Chattopadhyaya Department of History, Jawahar Lal Nehru University
2015-16	Historian and the study of Music	Retired Prof. TKV Subramanian, Department of History, Delhi University

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National:

Year	Title of the Symposium /Seminar / Workshop	Funding Agency
2013	National Seminar on Authority and Challenge: Processes of State and Social Formation in India organized by the Department of History, Kirori Mal College University of Delhi during 1-2 March, 2013.	Indian Council of Historical Research (ICHR)
2014	National Seminar on Histories of the Urban: Reflections on Changing Cities organized by the Department of History, Kirori Mal College University of Delhi during 25-26 Feb., 2014.	Indian Council of Historical Research (ICHR)
2015	National Seminar on Identities in History: Power and Contestation in Ancient, Medieval and Modern India organized by the Department of History, Kirori Mal College University of Delhi during 26-27 Feb., 2015	Indian Council of Historical Research (ICHR)

b) International: Nil

26. Student profile programme/course wise:

Name of the Course: B.A.(Hons) History	Applications received	Selected	Enrolled		Pass Percentage**
			*M	*F	
2012-13	-	62	48	14	-
2013-14	-	57	39	18	-
2014-15	-	51	36	15	-

*M = Male *F = Female

** refer to Section 5.2.2

27. Diversity of Students:

Name of the Course: B.A. (Hons) History	% of students from the same state	% of students from the other states	% of students from abroad
2012-13	26%	74%	Nil
2013-14	21%	73%	2%
2014-15	22%	74%	4%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Approximately 25 - 30 have cleared National and State competitive examinations, in the last 4 years. (Year wise data will be recorded in future.)

29. Student Progression:

Student progression	Against % enrolled (last 4 years)
UG to PG: 2011-12 2012-13 2013-14 2014-15	12 13 12 11
PG to M. Phil.	5 (Year wise data to be recorded in future)
PG to Ph.D.	2 (Year wise data to be recorded in future)
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	04 (Year wise data to be recorded in future) 15 (Year wise data to be recorded in future)
Entrepreneurship/Self-employment	3 (Year wise data to be recorded in future)

Some of the distinguished Alumni of Department of History

Name	Year of Graduation	Designation	Organization	Industry
Harbans Mukhia	1957	Professor	Jawahar Lal Nehru University (JNU), Delhi	Education
Arjun Dev	1957	Professor	NCERT	Education
K. Vikram Singh	1957	Senior Journalist & Filmmaker	Freelancer	Journalism
Zahoor Siddiqui	1957	Associate Professor	University of Delhi	Education
Bhairabi Sahu	1979	Professor	University of Delhi	Education
Amrendra Singh	1979	Associate Professor	University of Delhi	Education

Arvind Sharma	1986	Senior Advocate	Supreme Court	Law
Santosh Jha	1989	Indian Foreign Service	Ministry of Foreign Affairs	Foreign Relations
Seemant Singh	1989	Indian Administrative Service	IAS	Administration
Akshay Mukul	1990	Senior Journalist	Times of India	Media
Mukul Kumar	1990	Director, Railway Board (IRTS)	Indian Railways	Railways
Kumar Jai Singh	1990	Retired Commandant, CRPF	CRPF	Security Forces
Sanjay Kumar	1991	Assistant Professor	Shyam Lal College, University of Delhi	Education
Purushottam Tiwari	1992	Accounts Officer	Indian Audit & Account Services	Audit
Bhuvan Jha	1993	Assistant Registrar	University of Delhi	Education
Ajeet Kumar	1993	Assistant Professor	Kirori Mal College, University of Delhi	Education
Santosh Rai	1994	Associate Professor	University of Delhi	Education
Manoj Sharma	1995	Assistant Professor	Kirori Mal College, University of Delhi	Education
Swetank Shantanu	1995	Senior Advocate	Supreme Court	Law
Sachin Badshah	1996	IPS	Indian Police Service	Administration
Manoj Chaturvedi	1996	Assistant Vice President	HDFC Bank	Banking
Vikram Chaudhary	2005	Assistant Professor	Kirori Mal College, University of Delhi	Education
Devang Dhyani	2011	Second Lieutenant	Indian Army	Armed Forces
Ankit Gupta	2011	Assistant Commandant	CRPF	Security Forces

30. Details of Infrastructural facilities

a) Library

Year	Number of Books added to relating to History (College Library)	Amount Spent on New Books
2011-12	134	Rs 78,000
2012-13	122	Rs 75,000
2013-14	-	Rs 68,916

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility:

One of the room allotted to the History department is equipped with LCD Projector to facilitate presentations and aid teaching- learning process.

d) Laboratories: Nil

31. Number of students receiving financial assistance from college, university, government or other agencies: Data to be recorded in future

32. Details on student enrichment programmes:

The Department has been organizing interactive sessions between current students and the alumni since 2009. We insure that the alumni so invited are from different professions.

Year	Special Lectures/ Workshops/ Seminars	Names of conducting individuals/ organisations/ institutions
2012-13	Discussion & Interactive session	Prof. Harbans Mukhiya, Former Chairperson CHS, JNU Dr. Arjun Dev, Former Director NCERT
2013-14	Discussion & Interactive session	Dr. Zahoor Siddiqui, Kunwar Vikram Singh
2014-15	Discussion & Interactive session	Akshay Mukul, Sr. Journalist, Mukul Kumar, Indian Railway Services, Arvind Sharma, Sr. Advocate
2015-16	Discussion & Interactive session	Santosh Jha, IFS, Kumar Jaisingh, Entrepreneur

33. Teaching methods adopted to improve student learning:

- Classroom interaction for better understanding of the concepts and problem solving.
- Use of projectors for teaching theory and practical problems and for students to deliver presentations as part of their curriculum.
- Students are given projects of topics concerning the subject so as to increase their under-standing of subject.
- Use of case studies so as to give them a view of related theoretical knowledge with its application in industry and real domain.
- Use of software platform in the form of programs or available computer packages to analyze and interpret data.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC/NSS/Social awareness programmes etc.

Active participation in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat)**Strength**

- Highly dedicated faculty.
- Good intake of Students.
- Excellent university results.

Opportunity

- To the faculty to interact and collaborate with the other departments for research and project purpose.
- To conduct seminars for enrichment of academic atmosphere.

Weakness:

- Small department.

Threat

The under graduate course in History requires a rigorous understanding of the fundamentals of the subject. The Semester mode does not allow such in depth understanding. Competitive institutes offering coaching in lucrative fields like IAS.

b) Future plans:

- Introduce Masters Programme in History.
- Create a research center with collaboration with other disciplines and institutions.
- We have plans to organize workshop/ seminars/ special lectures in collaboration with other colleges and institutes.
- Create a database of Alumni of the department.

Department of Mathematics

1.Name of the Department: Mathematics

2.Year of Establishment: 1954

3.Names of the Programmes / Courses offered:

B.Sc. (Hons) Mathematics

M.Sc. Mathematics

M.Sc. Operational Research

4. Names of Interdisciplinary courses and the departments/units involved:

Course/ Programme	Departments Involved
All B.A. (Hons) Courses (Mathematical Awareness)	1 Paper
B.Com(Hons) (Mathematics)	1 paper

5. Annual/semester/choice based credit system (programme wise):

B.Sc. (Hons) Mathematics I year (As per CBCS)

B.Sc. (Hons) Mathematics II Year (As per Semester)

B.Sc. (Hons) Mathematics III Year (Erstwhile FYUP)

6. Participation of the department in the courses offered by other departments:

Course/ Programme
B.Sc. (Programme) Physical Sciences
B.Sc. (Programme) Analytical Chemistry
B.Sc. (Programme) Life Science
B.Sc. (Hons) Physics
B.Sc. (Hons) Chemistry
B.Sc. (Hons) Zoology
B.Sc. (Hons) Botany
B.A. (Hons) Economics
B.Com(Hons)

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses/programmes discontinued (if any) with reasons:

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2010-11	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification
Three year Semester Programme was discontinued in 2015-16.	Delhi University notification

9. Number of teaching posts:

	Sanctioned	Filled
Associate Professors	15	7
Assistant Professors		8

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M.Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years		
					registered	submitted	awarded
Dr. Reeta Johar	M.A., Ph.D.	Associate Professor	Mathematical Programming	39 years	Nil	Nil	Nil
Dr. Pawan Bala	M.Sc., M.Phil, Ph.D.	Associate Professor	Functional Analysis	35 Years	Nil	Nil	Nil
Dr. Pratibha Kumar	M.Sc., M.Phil, Ph.D.	Associate Professor	Algebra	30 Years	2	Nil	Nil
Dr. Dinesh Khattar	M.Phil, Ph.D.	Associate Professor	Fluid Dynamics	25 Years	3	1	2
Dr. Shiv Kumar Kaushik	M.A., Ph.D.	Associate Professor	Functional Analysis, Theory of Bases, Frame Theory	25 Years	3	2	7
Ms. Preeti Garg	M.Phil	Associate Professor	Algebra	25 Years	Nil	Nil	Nil

Dr. S.P. Tripathi	Ph.D.	Associate Professor	Algebraic Topology	19 Years	2	Nil	Nil
Dr. Raj Kumar	Ph.D.	Assistant Professor	Functional Analysis	14 Years	2	Nil	1
Mr. B. Semthanga	M.Sc.	Assistant Professor	Functional Analysis	5 Years	Nil	Nil	Nil
Dr. Sumit Kumar Sharma (Ad-hoc)	M.Sc., Ph.D.	Assistant Professor	Functional Analysis, Theory of Bases, Frame Theory	8 Years	Nil	Nil	Nil
Mr. Umesh Chand (Ad-hoc)	M.Phil	Assistant Professor	Topology	3 Years	Nil	Nil	Nil
Ms. Neha Agrawal (Ad-hoc)	M.A., M.Phil	Assistant Professor	Chaos Theory	3.5 Years	Nil	Nil	Nil
Mr. Ashok Kumar Sah (Ad-hoc)	M.Phil	Assistant Professor	Functional Analysis	2 Years	Nil	Nil	Nil
Mr. Vishal Dhawan (Ad-hoc)	M.Phil	Assistant Professor	Functional Analysis	4 Years	Nil	Nil	Nil
Dr. Kavita Gupta (Ad-hoc)	M.Sc., Ph.D.	Assistant Professor	Mathematical Programming	13 Years	Nil	Nil	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: Approx. 38%

13. Students-Teacher Ratio (programme wise):

B.Sc. (Honours) Mathematics: 17:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Lab Assistants: 2

14. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / PG.

PG	01
M.Phil	05
Ph.D.	09

16.If any ongoing projects (agencies and grants received)a) **National:** Nilb) **International funding:** Nil**17.Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received (in INR)**

Nature of the Project	Duration	Title of the Project	Name of the funding agency	Total Grant		Equipment purchased for the project
				Sanctioned	Received	
Minor Projects	1992	Range Cyclic Operator Algebras	UGC	15,000	15,000	-
		Para-reflexive Operator Algebras	UGC	35,000	27500	-
	2010-2012	Ed Frames in Banach Spaces together with their Applications	UGC	1,55,000	-	Laptop
		Frames and Related concepts in Banach Spaces together with their Applications	UGC	30,000	-	-
	2002-2004	Bases and Frames in Banach Spaces and their Applications to Wavelets	UGC	50,000	-	-
	Sep 1997-	Study of free group actions	UGC	20000	15000	None

Minor		Aug 1999	on finite CW-complexes				
	Dr. Raj Kumar	2010-	Generalization of frames and related concepts in Banach Spaces	UGC	150000	-	-
Innovation Projects	Dr. Dinesh Khattar	2012-13	Study of Quark-Gluon Plasma and Neutrino Physics	DU	10 Lacs	10Lacs	1 PC, 1 Workstation, 3 Laptops, 1 Printer, 1 Printer-Scanner - Photostat, 2 UPS, 2 Book Shelves
		2013-14	Study of Quark-Gluon Plasma and Neutrino Physics (Extension)	DU	6 Lacs	6 Lacs	
	Dr. S.P. Tripathi	2013-14	Mapping the spatial topology of two sub glacier basins using modis, land sat and IRIS data.	DU	9 Lacs	7.85 Lacs	GPS and camera
		2014-15	Impact of cloud computing on Indian economy and its derivatives	DU	6 Lacs	3 Lacs	Laptop and ipad mini
	Dr. Raj Kumar	2014-15	Determining the quality management education in northern India	DU	3 Lacs	-	-
Collaborative Research	Dr. S.P. Tripathi	Oct 2003 – Sept 2004	Boyscast fellow at University of Calgary, Canada	DST	1302675	1302675	None

18. If any Research Centre / facility recognized by the University developed by you:
Nil

19. a) Publication (Summary):

PUBLICATIONS	Number
Number of papers published in peer reviewed journal(national/international by faculty and students)	125
Number of publication listed in International database (For eg. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Science Directory, EBSCO host, etc)	86
Monographs	-
Chapter in books	-
Books edited	-
Books with ISBN/ISSN number with details of publishers	23
Citation index	222
SNIP	17.95
SJR	19.7
Impact factor	18.24
h-index	13

b) Publication (Details):

Dr. Reeta Johar

List of Publications and Books:

1. Optimality criteria for a class of non-differentiable nonlinear program by R.N. Kaul and Reeta Gupta, Zeitschrift fur operations research, Vol.21,1977
2. Time cost transportation problem by Reeta Gupta, EkonoMicko - matematicky Obzor, Vol. 13,431-443,1977
3. Decomposition method and transportation type problems with a fractional objective function by Reeta Gupta, ZAMM 57,81-88,1977.
4. Programming problem with maximin objective function by Reeta Gupta, Opsearch Vol.14,No.2,June 1977
5. Solving the generalized transportation problem with constraints by Reeta Gupta,ZAMM 58,451-458
6. Programming problems with maximin objective functions by Reeta Gupta and S.R. Arora, Zeitschrift fur operations research,Vol.22,69-72,1978
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Dr. Pawan Bala

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Dr. Pratibha Kumar

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Dr. Dinesh Khattar

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 10. QA for MBA(3rd Edition), ISBN 978-81-317-2491-0, Pearson Education(2009)India
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Dr. Shiv Kumar Kaushik

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Dr. S.P. Tripathi

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Dr. Raj Kumar**List of Publications and Books:**

1. On block sequences of Banach frames, Int. J. Math. Anal. , 1 (28) (2007), 1397 -1404. (With P. K. Jain and S. K. Kaushik) (ISSN No. 1312-8876).
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Dr. Sumit Kumar Sharma**List of Publications and Books:**

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Ms. Neha Agarwal

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1. Neha Agrawal, "Notes on frames of subspaces", *Bulletin of Mathematics and statistics research* (ISSN: 2348-0587) Vol (2) 2, 2014, 201-206.
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Mr. Ashok kumar Sah

Papers

1. Irregular Weyl-Heisenberg wave packet frames in $L^2(\mathbb{R})$, *Bulletin des Sciences Mathématiques* 139 (2015) 61–74, ISSN: 0007-4497, Elsevier (with L.K. Vashisht).
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3. On Hilbert Transform of wave packet system for $L^2(\mathbb{R})$, *Poincare Journal of Analysis and Applications*, 1 (2014), 9–17, ISSN 2349-6789 (PRINT), ISSN 2349–6797 (ONLINE), (with L.K. Vashisht).
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Dr. Kavita Gupta

List of Publications and Books:

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7. S.R Arora and Kavita Gupta, “An Algorithm For Solving A Capacitated Fixed Charge Bi-Criterion Indefinite Quadratic Transportation Problem With Restricted Flow”, International Journal Of Research In IT, Management and Engineering (ISSN 2249-1619),vol.1, No. 5 ,2011, 123-140, cited by 8 in google scholar , cited by 1 in research gate.
8. Kavita Gupta and S.R Arora, “Paradox in a fractional capacitated transportation problem”,International Journal Of Research In IT, Management and Engineering (ISSN 2249-1619) vol.2, No . 3 ,2012, 43-64, cited by 9 in google scholar , cited by 1 in research gate
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10. Kavita Gupta and S.R Arora, “An algorithm for solving an indefinite quadratic transportation problem with specified flow”, International Journal of IT, Engineering and Applied Sciences Research (ISSN: 2319-4413) vol.2, No... 11 ,2013, 6-14
11. Kavita Gupta and S.R Arora, “An algorithm for solving a fractional capacitated transportation problem with enhanced flow”, International Journal of Physical and Social Sciences (ISSN: 2249-5894) vol.4, No. 1, 2014, 583-596.
12. Kavita Gupta and S.R Arora, “An algorithm for solving a fractional transportation problem with specified flow”, International Journal of Engineering and Scientific Research (ISSN- 2347-6532) vol.2, No. 1, 2014, 35-50.

Books

1. S.R Arora and Kavita Gupta, “ Business Mathematics and Statistics”, TAXMANN publications for B.Com DU , 2014 , ISBN No. 978-93-5071-376-1
2. Kavita Gupta, “ Business Mathematics and Statistics”, Sun India Publications, ISBN number : 978-81-906790-3-9, 2009
3. Kavita Gupta, “Business Mathematics”, Sun India Publications, ISBN number : 978-81-906790-4-6 , 2011
4. Kavita Gupta, “ Business Statistics” , Sun India Publications, ISBN number : 978-93-80674-37-7, 2012
5. S.R Arora and Kavita Gupta, “ Business Mathematics”, TAXMANN publications for B.Com DU , July 2015 , ISBN No. 978-93-5071-734-9
S.R Arora and Kavita Gupta, “ Fully Solved Previous Year Examination Papers of Business Mathematics”, TAXMANN publications , July 2015 , ISBN No. 978-93-5071-735-6

20. Areas of a) Consultancy b) Collaboration with industry/institution; at the individual or institutional level and the income generated therein, if any

Name	Collaborator	Collaborator's Institution	Type of Collaboration	Income Generated
Dr. Dinesh Khattar	Prof. Ayub Khan	JMI, Delhi	4 Ph.D. Students	-
Dr. Shiv Kumar Kaushik	Dr. Ghanshyam Singh	MLSU, Udaipur	1 Ph.D. Awarded	-
	Prof Renu Chugh	MDU, Rohtak	1 Ph.D. Awarded	-
Dr. Raj Kumar	Prof M.K. Joshi	Kumaun University, Nainital	1 Ph.D. Submitted	-

21. Faculty as members in

- a) **National committees:** Nil
- b) **International Committees:** Nil
- c) **Editorial Boards:**

Dr. Reeta Johar	<ul style="list-style-type: none"> • Member of Board of research studies (Mathematical Sciences) University of Delhi, Delhi.
Dr. Pawan Bala	<ul style="list-style-type: none"> • Member of Course Design Committee for preparing course in General Mathematics for IGNOU. • Member of Committee of courses of Department of Mathematics, University of Delhi.
Dr. Shiv Kumar Kaushik	<ul style="list-style-type: none"> • Managing Editor, Poincare Journal of Analysis and Applications, Indexed by Math. Zentralblatt. Poincare Publishers, India. (ISSN No. 2349 -6789) (from 2014 till date) • Managing Editor, Communications in Mathematics and Applications, RGN Publications, Delhi, India. (ISSN No. 0976 -5905) (from 2010 to 2012) • Member Editorial Board, American Journal of Mathematical Analysis, Science and Education Publishing, USA. (ISSN No. 2333- 8490) (From 2014 till date).

	<ul style="list-style-type: none"> Member of advisory board of Jordan Journal of Mathematics and Statistics, indexed by Math Sci net and Zentralblatt, Funded by Govt. of Jordan.
Dr. Sumit Kumar Sharma	<ul style="list-style-type: none"> Member of American Mathematical Society, as reviewer for Math Sci Net. Reviewer for Zentralblatt Math, Germany.

22. Student projects

a) **Percentage of students who have done in-house projects including inter departmental/programme:** Nil

b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies:** Nil

23. (a) Awards/ Recognitions received by faculty and students

Name	Awards
Dr. Dinesh Khattar	Received Dr. S Radha Krishnan Memorial National Teacher award 2015 for the contribution in the field of Education.
Dr. Shiv Kumar Kaushik	Awarded Delhi-Gaurav Award-2015 Brave heart of Delhi, Exceptional NCC at Vigyan Bhawan. Supported by Govt. of India, Ministry of Social Justice & Empowerment, 2015
Dr. Satya Prakash Tripathi	Received BOYSCAST fellowship from DST, Government of India for post-doctoral work at the University of Calgary, Canada. 2003.

(b) Awards/ Recognitions received by students

Name of the Student	Award	Year
Dr. Vishal Dhawan	Secured 1 st position in B.A. (Hons) Mathematics in University of Delhi	2006
Shikha Gupta	Secured 1 st position in B.Sc. (Hons) Mathematics in University of Delhi	2007
Shikha Gupta	Secured 1 st position in M.Sc. Mathematics in University of Delhi	2009
Preeti	Secured 2 nd position in M.Sc. (F) Mathematics in University of Delhi	2011-12

24. List of eminent academicians and scientists / visitors to the Department

Name	Designation	Event
Prof. Dinesh Singh	Vice Chancellor, DU	Qazi Memorial Lecture
Prof. B.K. Dass	Ex. Head and Professor, Department of Mathematics, DU	Qazi Memorial Lecture

Prof. Ajay Kumar	Head, Department of Mathematics, DU	Qazi Memorial Lecture
Prof. R.K. Singh	Head, Department of Mathematics, IIT Delhi	Qazi Memorial Lecture

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National: Nil

b) International: Two

Year	Title of the Workshop	Organizers
2011	International Workshop on Wavelets, Frames and Applications, held at Kirori Mal College, University of Delhi, from 15 Dec-21 Dec., 2011.	Funded by NBHM, DST, UGC, CSIR and Shakti Edu. & Cultural Soc.
2014	International Workshop on Wavelets, Frames and Applications II, held at Kirori Mal College, University of Delhi, 24 Dec-30 Dec, 2014.	Funded by NBHM, DST, UGC, INSA

26. Student profile programme/course wise:

Name of the Course B.Sc. (Hons.) Mathematics	Students Appeared	Students Passed	Pass Percentage*
2011-12	34	33	-
2012-13	59	59	-
2013-14	71	61	-
2014-15	-	-	-

* Refer to Section 5.2.2

27. Diversity of Students:

Name of the Course: B.Sc.(Hons) Mathematics	% of students from the same state	% of students from the other states	% of students from abroad
2011-12	50%	50%	Nil
2012-13	70%	30%	Nil
2013-14	60%	40%	Nil
2014-15	70%	30%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? Almost 90%

29. Student Progression:

Student progression	Against % enrolled
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UG to PG	60%
PG to M. Phil.	20%
PG to Ph.D	5%
Ph.D. to Post-Doctoral	Nil
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	<ul style="list-style-type: none"> • 5% • 50%
Entrepreneurship/Self-employment	30%

Some of the distinguished Alumni of Department of Mathematics

Year	Name
1963-1965	Prem Singh Rana IAS
1978-1980	Prof. D.S. Malik Professor of Mathematics and <u>Computer Science</u> at <u>Creighton University</u> .

30. Details of Infrastructural facilities

a) Library:

Year	Number of Books purchased under Mathematics Department (College Library)	Amount Spent on New Books
2011-12	221	Rs.100000
2012-13	173	Rs.72169
2013-14	124	Rs.92589
2014-15	143	Rs.118031

b) Internet facilities for Staff & Students: The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility: A room is assigned to Mathematics department which is enabled with LCD

d) Laboratories: Mathematics lab is equipped with 35 computers having all updated softwares including 'Mathematica'. Lab is equipped with LCD projector and is fully air-conditioned. This lab is also available for other departments occasionally.

31. Number of students receiving financial assistance from college, university, Government or other agencies. N.A

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts: Refer to point no. 24.

34. Teaching methods adopted to improve student learning

- Classroom interaction for better understanding of the concepts and problem solving.
- Use of projectors for teaching theory and practical problems.
- Students are motivated to deliver presentations as part of their curriculum.
- Students are given projects and assignments related to their interest.
- Use of advanced and updated mathematical software to analyse the concepts and interprets data.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc.

Dr. Shiv Kumar Kaushik	Associated NCC officer since 1993-94 and obtained the highest rank of <u>Major</u>
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35. a) SWOT (Strength, Weakness, Opportunity, Threat)

Strength:

- The Department of Mathematics is one of the finest departments of the College. Most of the faculty are also visiting faculty in main Department of University.
- Not only department supports the students in academic but socio-psychological support if required is also delivers to the students.
- The department undertakes all its activities through different committees specially constituted by the staff council and students are involved in all the curricular, extra-curricular activities.
- The department has produced many academicians, researchers, Professors and Principals who have served the Delhi University, Country and abroad.

Weakness:

- Licence of Mathematical softwares like Mathematica, Matlab etc.
- Space crunch in the department.

Opportunity

- Faculty to interact and collaborate with other departments

b) Future plans:

- Organize workshop/ seminars/ special lectures in collaboration with other colleges and institutes.
- Create a database of Alumni of the department.

Department of Philosophy

- 1. Name of the Department:** Philosophy
- 2. Year of Establishment:** 1963
- 3. Names of the Programmes offered:** B.A. Programme (UG)

4. Names of Inter-disciplinary courses offered	Departments involved
Human rights	All BA Hons.
Logic (formal and symbolic)	All BA, B.Sc. Hons.
Introduction to philosophy / elements of logic	B.Com. Hons students.
Ethics in the public domain	All BA Hons.

5. Annual/semester/choice based credit system (programme wise):

BA Programme: CBCS

BA Programme: Three Year Semester Mode

- 6. Participation of the department in the courses offered by other Departments:**
All B.A. Honours, B. Com. Honours and B.Sc. Honours students are taught by different papers by Philosophy department.
- 7. Courses in collaboration with other Universities:** Nil.

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	University of Delhi notification
Three year Semester Programme was discontinued in 2013-14.	University of Delhi notification
FYUP was discontinued in 2014-15	University of Delhi notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors		-
Assistant Professors	2	2

10. Name	Qualification	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Rajib Ray	M.Phil.	Logical reasoning, Ethics, Philosophical Debate, Formal Logic, Ethics in the Public Domain.	18	Nil
Ms. Sagarika Datta Purkayastha	M. Phil.	Analytic Philosophy, Indian Philosophy, Logic	8	Nil

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: NIL

13. Students-Teacher Ratio (programme wise): --

14. Number of academic support staff (technical) staff: NIL

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Permanent	-	2	-

16. If any ongoing projects from a) National b) International funding agencies and grants received. Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. If any Research Centre / facility recognized by the University developed by you: NIL

19. Publications : 01

20. Areas of a)consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any: NIL

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board: NIL

22. Student projects: NIL

23. (a) Awards/ Recognitions received by faculty: NIL

(b) Awards/ Recognitions received by students: NIL

24. List of eminent academicians and scientists / visitors to the department: NIL

25. Seminars/ Conferences /Workshops organized & the source of funding a) National, b) International: NIL

26. Student profile programme/course wise: Refer to Section 5.2.2 for pass percentages

27. Diversity of Students:

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? No information

29. Student Progression

Student progression	Against % enrolled (last 4 years)
UG to PG: 2011-12	15
2012-13	10
2013-14	10
2014-15	-

Students Details :

1. Anoop Maurya : consultant Genpact Centre for Women's Leadership at Ashoka University 2014-15
2. Divyansh Verma : Manager HR for Zostel Hospitality Pvt. Ltd Aug 2015 onwards
3. Atul kumar Pandey : selected in intelligence bureau

30. Details of Infrastructural facilities

a) Library

Year	Number of Books added to relating to Philosophy (College Library)	Amount Spent on New Books
2011-12	51	Rs. 25,000
2012-13	18	Rs. 26,500
2013-14	46	Rs. 31,165
2014-15	123	Rs. 57,044

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility: Yes

d) **Laboratory:** No

31. Number of students receiving financial assistance from college, university, government or other agencies: NIL

32. Details on student enrichment programmes: NIL

33. Teaching methods adopted to improve student learning:

- Classroom interaction for better understanding of the concepts and problem solving.
- Use of projectors for teaching theory and practical problems and for students to deliver presentations as part of their curriculum.
- Students are given projects of topics concerning the subject so as to increase their understanding of subject.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC/NSS/Social awareness programmes etc.

RAJIB RAY

1. Member in FAPS, Proctorial committee ,SPIC MACAYElected Member, Exeutive Council, University of Delhi, 2010-2012.
2. Elected Member, Academic Council, University of Delhi, 2008-2010.
3. Member, Committeee of Courses (UGCC).

35. a) SWOT (Strength, Weakness, Opportunity, Threat)

Strength:

Highly dedicated faculty.
Excellent university results.

Weakness:

Small department.
Lack teachers

b) Future plans:

Introduce Honours course for Philosophy in the college.

Department of Physical Education

1. Name of the Department: Physical Education

2. Year of Establishment: 1958

3. Names of the Programmes/Games offered:

- a. Athletics (Boys and Girls)
- b. Badminton (Boys and Girls)
- c. Basket Ball (Boys and Girls)
- d. Cricket (Boys)
- e. Football (Boys)
- f. Hockey (Boys)
- g. Korfball (Boys)
- h. Table Tennis(Boys and Girls)
- i. Chess (Boys and Girls)
- j. Valley ball (Boys)
- k. Boxing (Boys and Girls)

4. Names of Inter-disciplinary courses offered: NA

5. Annual/semester/choice based credit system (programme wise): NA

6. Participation of the department in the courses offered by other Departments: NA

7. Courses in collaboration with other Universities: NA

8. Details of courses/programmes discontinued (if any) with reasons- NA

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	2	1
Assistant Professors		1

10. Name	Qualification	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Pramod C. Sharma	M.P.Ed, MBA, PhD	Korfball, Kho-Kho	12	Nil
Dr. Benu Gupta	M.P.Ed, ASMC, PhD	Hockey, Yoga, Sports Management	16	1 (Awarded)

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: NA

13. Students-Teacher Ratio (programme wise): NA

14. Number of academic/non teaching support staff (technical) staff: 1 Permanent and 4 on Contract basis.

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Dr. Pramod C. Sharma	2	-	-
Dr. Benu Gupta		-	-

16. If any ongoing projects from a) National b) International funding agencies and grants received- Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Name of the Teacher	Year	Nature of the Project	Project Name	Name of the funding agency	Total grant received	Equipments purchased for the Project
Dr Benu Gupta	2008-2011	Major	Study on relevant fact of aeroyoga on physiological parameter of youth	U.G.C.	Rs. 10,000,000/-	physiological parameter measures

18. If any Research Centre / facility recognized by the University developed by you: Nil

19. Publications (Summary):

Name	Papers Publications:		Books Published	Chapters in books	Monographs
	International	National			
Dr. Benu Gupta	11	08	-	-	

20. Areas of a)consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any: Nil

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board:

Dr. Benu Gupta:

- Committee to revise The AIU handbook of Rules and Regulations for organizing the Inter University Tournaments.
- Delhi State Service Board Selection Committee Member Subject Expert
- Member Executive : Delhi Basketball Association

Dr. Pramod C Sharma

- Manager, Indian Lawn Bowls Team in the XIX Commonwealth Games 2010 Delhi.
- Technical Director of the Lawn Bowls Competition in 34th National Games 2011.
- Chief, Contingent of Indian Korfball for World Youth Korfball Championship U-23 in Barcelona 2012.
- Manager, Indian Lawn Bowls Team for Asia Pacific Lawn Bowls Championship held on 21-26 November, 2010 in Indonesia.
- International Korfball Referee, Referees Committee , International Korfball Federation
- Senior Vice President, Korfball Federation of India
- Co-Chairperson , Indian Korfball Committee constituted by International Korfball Federation
- Secretary General, Delhi Korfball Association
- Vice President, Kho-Kho Association of Delhi

22. Student projects: Nil

23. (a) Awards/ Recognitions received by faculty: Nil

(b) Awards/ Recognitions received by students:

- The Arjuna award Winner: M K Kaushik (Hockey)
- Dronacharya Award winner: M K Kaushik (Hockey), Raj Singh (Wrestling)

Following players have also represented India at some stage of their career

S.No.	Sports and Games	INTERNATIONAL
11	Athletics	<ul style="list-style-type: none"> • Amit Khanna – represented India 100 metres in Asiad • Harkamal Singh – 400 metres in Asiad 1978 got Silver Medal • Praveen Jolly – 110 metres hurdle 1982 Asiad Bronze Medal • Pradeep Mathur – Asian Veteran Athletics Championship 2015, won Gold Medal in Discus throw and would be representing India in World Champion Ship 2016.
12	Boxing	<ul style="list-style-type: none"> • Rajeev Dhankar – India, Dalbir Singh, Gaurav Vidhuri, Pawan Goyat
13	Football	<ul style="list-style-type: none"> • Gurinder Pal Singh Gill, Arunesh Sharma, Surendra Kumar, Peter Charles, Pawan – under 19 • Nitin Meal – under 14, under 16, • Ritesh Chhawri – Rural International
14	Gymnastics	<ul style="list-style-type: none"> • Styra Narayan Sharma – 1962 in Moscow, • Ramniwas – 1969 • Pratap Rana – 1971
15	Wrestling	<ul style="list-style-type: none"> • Raj Singh – Dronacharya award, • Rajender

16	Hockey	<ul style="list-style-type: none"> • M K Kaushik - Arjuna and Dronacharya award winner Hockey • Yogendra Rawat – Junior world cup
17	Chess	<ul style="list-style-type: none"> • Rahul Sangma – International Master
18	Basketball	<ul style="list-style-type: none"> • Harsharan Singh Sethi, Kamal Jaitley, Jaswinder Singh (Renu), Sarabjit Singh, Narender Gupta (Nandi)
19	Korfball	<ul style="list-style-type: none"> • Lalit Pal – Under 23 Asian OCEANIAN championship, • Aanchal Jain – Under 23 World championship, • Savita Sheokand – Under 23 World championship
20	Cricket	<ul style="list-style-type: none"> • Mohan Chaturvedi - Under 19 and U 19 world cup, • Ravi Sehgal - Under 19, • Gautam Vadera – Under 19, • Ankit Rawat – Under 19

24. List of eminent academicians and scientists / visitors to the department: Nil

25. Seminars/ Conferences /Workshops organized & the source of funding

a) **National** : SAM Jan 2009, SAM Oct 2009 funded by UGC

b) **International:** Seminar SELO chief Coordinator 2012 funding: DU 1 lakh, SAIL 1 Lakh

26. Student profile programme/course wise: NIL

27. Diversity of Students

Name of the Course:	% of students from the same state	% of students from the other states	% of students from abroad
Physical Education			
2011-12	Approx 50	Approx 50	Nil
2012-13	Approx 50	Approx 50	Nil
2013-14	Approx 50	Approx 50	Nil
2014-15	Approx 50	Approx 50	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Most of the students get placed in various private and govt services

29. Student Progression

Student progression	Against % enrolled (last 4 years)
UG to PG	Approx. 20%
PG to M. Phil.	-

PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	- Most of the students get placed
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

- a) One Basketball court, three cricket practice pitches, (Two cemented, one turf), one volleyball court, well equipped gymnasium installed by Common Wealth Games CWG-2010, facility block developed under CWG-2010.
- b) Library: Department Library Developed under UGC Major Research Project 2008-11
- c) Internet facilities for Staff & Students:
The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.
- d) **Class rooms with ICT facility:** NA
- e) **Laboratories:** NA

31. Number of students receiving financial assistance from college, university, government or other agencies:

Number of students awarded cash prize for their achievement in Sports.		
Year	No. of Students Awarded	Total Amount Disbursed (Rs.)
2014-15	62	3,78,000/-
2013-14	78	1,77,900/-
2012-13	58	1,50,300/-
2011-12	23	72,000/-

32. Details on student enrichment programmes:

Students selected in the team are provided Coaching through performance-oriented coaches hired by the college on the recommendation of the Sports Council. They are provided kits and other sports-equipments for practice sessions. A gym has been developed in the sports complex by the college that is also open for use for all the sports students during college hours.

33. Teaching methods adopted to improve student learning:

1. Technical Training and Coaching of different sports
2. Technical Training and Coaching of different sports

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as

NCC/NSS/Social awareness programmes etc.

Students of sports very actively and enthusiastically participate in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat)

Strength:

- Good intake of Students to help build up teams.
- Good training and coaching methods.
- A modern Gym in the sports complex
- Separate washrooms for girls and boys inside the sports complex
- Performance of students at Inter-College level, Inter-University level, State level, National level and International level.

Opportunity:

- The students are given a platform to participate in high level professional tournaments representing the college.
- The students are bound to play in the inter-college tournament each year organized by the University.
- Those who excel in their performance at this level get a chance to represent Delhi University team and go on to represent state teams and in some cases even the country.

Weakness:

- The admission process must be robust but once the candidates are selected on the basis of their performance during the sports trials and on the assessment of their past performances, they must get the course of their choice.
- College needs to develop an international standard multi-purpose sports ground for organising competitive games and tournaments to give our students the winning edge.
- College needs to spend more on providing professional quality sports kits and equipments for our players.
- College should engage support staffs such as physiotherapists, psychiatrists and sports doctors to help injured players to rehabilitate efficiently.
- The college needs to spend more on developing sports facilities and must explore ways to increase the budget.
- College needs to insure the sports students for medical and other exigencies.

Threat:

- If the rules and procedures of sports admissions are not framed as per the need of the sports students it would be difficult to offer admissions to the right candidates.
- The college must develop an international standard of multipurpose sports ground to give our students the desired practice environment.

b) Future plans

- The department of Physical Education along with the Sports Council must work towards getting funds to develop sports infrastructure of the college.
- Department has a vision to develop a volleyball court, badminton court, table tennis court and a boxing ring to help students in practicing for these games.
- For the past many years the Department has been attempting to start academic courses in the Physical Education that is an optional paper for some of the undergraduate students.

- Department is planning to procure modern technological equipments such as computers, laptops and projector with a screen to help the students in maximising the benefits of practice sessions.
- The department is planning to establish its own alumni association that may help us in realizing many unachievable dreams with their support.

Department of Physics

- Name of the Department:** Physics
- Year of Establishment:** 1957
- Names of the Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

B .Sc. (Honours) Physics
M. Sc. Physics

- Names of Interdisciplinary courses and the departments/units involved:**

Interdisciplinary courses	Departments Involved
B.Sc.(Program) Physical Science	Chemistry, Mathematics, Physics
B.Sc.(Program) Applied Physical Science	Computer Science, Mathematics, Physics
B.Sc. (Program) Analytical Chemistry	Chemistry, Physics

- Annual/semester/choice based credit system (programme wise):**

- Choice Based Credit System 1st year
- Semester System 2nd Year
- Erstwhile FYUP 3rd year

- Participation of the department in the courses offered by other Departments:**

Course	Offered by
B.Sc.(H) Chemistry	Department of Chemistry
B.Sc.(H) Mathematics	Department of Mathematics
B.Sc.(Program) Physical Science	
B.Sc. (Program) Analytical Chemistry	

- Courses in collaboration with other universities, industries, foreign institutions, etc.:** None

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2010-11	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15.	Delhi University notification

- Number of Teaching posts:**

Nature of the Post	Sanctioned	Filled
Associate Professors		6

Assistant Professor	24	18
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10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D / M.Phil.etc.):

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years		
					registered	Submitted	awarded
Dr. O.P. Sharma	Ph.D	Associate Professor	Electronics	34	NIL	NIL	NIL
Dr. Sumitra Mohanty	Ph.D	Associate Professor	Experimental Solid State Physics	34	NIL	NIL	NIL
Dr. Rakesh Pandey	Ph.D	Associate Professor	Quantum Mechanics	25	NIL	NIL	NIL
Dr. Sangeeta D. Gadre	Ph.D	Associate Professor	Nonlinear Dynamics	24	NIL	NIL	NIL
Dr. Neena Khanijo	Ph.D	Associate Professor	Electronics	23	NIL	NIL	NIL
Dr. Roshan Kshetrimayum	Ph.D	Assistant Professor	Electronics	12	NIL	NIL	NIL
Mr. Krishna Kamal Halder	M.Sc	Assistant Professor	Atomic and Molecular Physics	10	NIL	NIL	NIL
Mr. Pradyumna K. Sethy	M.Sc.	Assistant Professor	Nuclear Physics	10	NIL	NIL	NIL
Dr. Bipin Singh Koranga	PhD	Assistant Professor	Neutrino Physics, Nuclear physics and cosmology	8	NIL	NIL	NIL
Dr. Usha Kulshreshtha	PhD	Associate Professor	QFT and Mathematical Physics	16	2	NIL	NIL
Mr. Chongtham Jiten	M.Sc.	Assistant Professor	Solid State Physics	7	NIL	NIL	NIL
Dr. Siddhartha Lahon	PhD	Assistant Professor	Nano Science, Condensed Matter Physics	5	NIL	NIL	NIL

Dr. Raksha Sharma	PhD	Assistant Professor	Nanotechnology, solid state physics	7.5	NIL	NIL	NIL
Dr. Agam K. Jha	Ph.D	Assistant Professor	Theoretical High Energy Physics (QGP)	11	NIL	NIL	NIL
Dr. Parnav Kumar	PhD	Assistant Professor	Quantum Field Theory and Cosmology	7	NIL	NIL	NIL
Dr. Alok Kumar Singh Jha	PhD	Assistant Professor	Atomic Physics	6	NIL	NIL	NIL
Dr. Prikshit Gautam	PhD	Assistant Professor	Material Science	4	NIL	NIL	NIL
Dr. Manisha Tyagi	PhD	Assistant Professor	Electronics	2.5	NIL	NIL	NIL
Dr. Kajal Jindal	PhD	Assistant Professor	Electronics	1.5	NIL	NIL	NIL
Dr. Manoj Kumar	PhD	Assistant Professor	Nano Science, Condensed Matter Physics	6	NIL	NIL	NIL
Mrs. Prachi Yadav	M.Sc, M. Tech.	Assistant Professor	Solid State Physics	5.5	NIL	NIL	NIL
Mrs. Aarti	M.Sc.	Assistant Professor	Materials Science	2	NIL	NIL	NIL
Dr. Ishpal	M. Phil., PhD	Assistant Professor	Materials Science	1.5	NIL	NIL	NIL
Mr. Nand Kishore	M. Phil	Assistant Professor	Solid State Physics	4.5	NIL	NIL	NIL
Mr. Lalrinsanga Hnamte	M.Sc.	Assistant Professor	Quantum Optics	3	NIL	NIL	NIL
Mr. Albert Lalngaihawma	M.Sc.	Assistant Professor	Nuclear and Particles Physics	4 months	NIL	NIL	NIL

* On Academic leave.

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (Programme wise)

by temporary faculty: NIL

13. Students-Teacher Ratio :

S.No.	Course	Student-Teacher Ratio
1	B.Sc.(H) Physics	16:1*

* Students of B.Sc.(program), whose substantial portion of the course is taught by our faculty, have not been included while calculating student teacher ratio.

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

S.No.	Staff	Sanctioned	Filled
1	Academic Support Staff (Technical)	1	1
2	Laboratory Staff	20	13+7

15. Qualifications of teaching faculty with D.Sc./D.Litt/ Ph.D/M.Phil/PG.- PhD:
Mentioned in column 10.**16. If any ongoing projects (agencies and grants received):**

a) National : None

b) International Funding : None

17. Departmental projects funded by DST – FIST; UGC, DBT,ICSSR, etc. and total grants received

Nature of the Project	Faculty Name	Duration	Title of The project	Name of The funding agency	Total Grant		Total grant received till date	Equipments purchased for the project
					Sanctioned	Received		
Inter-disciplinary /innovation Projects	Dr Sumitra Mohanty	2014-15	KMC- 201 Cloudonomics	DU	3 Lakhs	3 Lakhs	3 Lakhs	Laptop, Hard Drive , PenDrive
	Krishna Kamal Halder #	2012-13 2013-15	#1 #2	DU	10 Lakhs 3 lakhs	8 Lakhs	-	Computer, Laptop, Printer, Camera Oven, Magnetic Stirrer, Double

								Distillation Plant
	Dr. Agam Kumar Jha	2012-13; 2013-15	***	Univ. of Delhi	(i)10 Lakhs; (ii) 6 Lakhs	(i)10 Lakhs ; (ii) 6 Lakhs	10+6 Lakhs	1- Workstation, 1-PC, 2-UPS, 2- Printer, 2- Shelves , 2- Laptops
	Dr Bipin Singh Koranga	2012 -13; 2013-15	-do-	DU	-do-	-do-	-do-	-do-
	Dr. Raksha Sharma	2012-13	**	DU	10 Lakhs	7.18 Lakhs	7.18 Lakhs	UV-visible spectrophotometer, high temperature furnace

#1. Project Title - “Analysis of heavy metal content in soils and plants present near the road side and suggest the plants to be grown (near the roadside of) in and around Delhi-NCR” KMC-108

#2. Project Title and Code-“Socio-political and psychological causes of road traffic jams problems, their environmental and societal impacts and suggesting remedial measures for smoothing road traffic in Delhi-NCR” KMC – 207.

*** (i) Study on Quark-Gluon Plasma (QGP) and Neutrino Physics (KMC-101)

(ii) Study on Quark-Gluon Plasma (QGP) and Neutrino Physics (Extension)(KMC-208)

** Novel Strategies involving nanomaterials /nanocomposites and biosorption for removal of toxic metals from water, KMC-104.

18. If any Research Centre / facility recognized by the University developed by you:
Nil

19. Publications:

PUBLICATIONS	Number
Number of papers published in peer reviewed journal(national/international by faculty and students)	247

Number of publication listed in International database (For eg. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Science Directory, EBSCO host, etc)	159
Monographs	-
Chapter in books	07
Books edited	-
Books with ISBN/ISSN number with details of publishers	00
Citation index	621
SNIP	-
SJR	-
Impact factor	258.24
h-index	37

Summary:

Name	Number of papers	Number of publication listed in International database	Chapter in books	Books edited	Books with ISBN/ISSN number with details of publishers	Citation index	SNIP	SJR	Impact Factor	h-index
Dr O. P Sharma	14	14	-	-	-	-	-	-	-	-
Dr. Sumitra Mohanty	5	3	-	-	-	-	-	-	-	-
Dr. Rakesh Pandey	4	4	-	-	-	-	-	-	-	-
Dr. Sangeeta D. Gadre	5	5	1	-	-	-	-	-	-	-
Dr. Neena Khanijo	5	5	-	-	-	114	-	-	-	3
Dr. Roshan Kshetrimayum	7	7	-	-	-	-	-	-	-	-
Dr. Bipin Singh Koranga	18	18	-	-	-	52	-	-	20.83	4
Dr. Usha Kulshreshtha	55	55	-	-	-	-	-	-	-	-
Chongtham Jiten	7	7	-	-	-	-	-	-	-	-

Dr. Siddhartha Lahon	10	10	1	-	-	33	-	-	15	4
Dr. Raksha Sharma	7	7	-	-	-	92	-	-	9	5
Dr. Agam K. Jha	17	17	-	-	-	-	-	-	-	
Dr. ParnavKumar	4	4	-	-	-	-	-	-	-	-
Dr. Alok Kumar Singh Jha	19	19	2	-	-	65	-	-	66	5
DrPrikshit Gautam	11	11	-	-	-	-	-	-	13.56	-
Dr. ManishaT yagi	7	7	-	-	-	12	-	-	30.32	-
Dr. Kajal Jindal	11	11	-	-	-	47	-	-	28.83	4
Dr. Manoj Kumar	9	9	1	-	-	25	-	-	13	3
PrachiYadav	2	-	-	-	-	-	-	-	-	-
Dr. Ishpal	29	29	1	-	-	196	-	-	61.39	9
Nand Kishore	2	-	-	-	-	-	-	-	-	

Publications(details):

Dr. O. P. Sharma

List of Publications:

1. B. R. Sethi, P. L. Talwar, O. P. Sharma and P. C. Mathur, Transport properties of ZnSe highly annealed in molten zinc, Physica Status Solidi (a) 42(1977) 791.
2. B. R. Sethi, P. L. Talwar, O. P. Sharma and P. C. Mathur, Effect of Zn annealing and In-doping in the electrical transport properties of ZnSe single crystals, Physica Status Solidi (a) 47 (1978) 699.
3. P. C. Mathur, B. R. Sethi, O. P. Sharma and P. L. Talwar, 'Effect of heavy cadmium stewing on electrical transport properties of single crystals of cadmium sulphide', J. Phys. C 12 (1979) 2333.
4. P. C. Mathur, B. R. Sethi and O. P. Sharma, 'Negative magnetoresistance in heavily compensated ZnSe crystals', J. Appl. Phys. 50 (1979) 4463.
5. P. C. Mathur, B. R. Sethi, O. P. Sharma and P. L. Talwar, High field d.c. conductivity in n-type ZnSe crystals heavily doped with In, Physica letters A 71 (1979) 262.
6. P. C. Mathur, B. R. Sethi, P. L. Talwar, O. P. Sharma and R. P. Sharma, A. C. conduction mechanism in highly compensated and excessively In-doped ZnSe crystals', Physica letters A 73 (1979) 234.

7. P. C. Mathur, B. R. Sethi and O. P. Sharma, 'Thermally initiated current breakdown in highly compensated and In-doped ZnSe single crystals', *Physica Status Solidi (a)* 58 (1980)195.
8. P. C. Mathur, B. R. Sethi, O. P. Sharma, V. Haribabu and M. Nagabhushanam, Ionized impurity scattering of electrons in single crystals of n-type In-Sb', *Physica Status Solidi (a)* 59 (1980) K59.
9. P. C. Mathur, S. K. Agarwal, B. R. Sethi, S. K. Jain and O. P. Sharma, 'Conductivity mechanisms in ZnSe_{0.5} Se_{0.5}', *J. Appl. Phys.* 52 (1981) 1124.
10. B. R. Sethi, O. P. Sharma, P. K. Goyal and P. C. Mathur, 'Magnetoresistance measurements in n-type CdS single crystals annealed in molten Cd and In', *J. Phys. C* 14 (1981) 1649.
11. P. C. Mathur, B. R. Sethi, P. K. Goyal and O. P. Sharma, 'Electron transport of n-type CdS single crystals annealed in Cd and In', *J. Appl. Phys.* 52 (1981) 7237.
12. B. R. Sethi, P. K. Goyal, O. P. Sharma and P. C. Mathur, 'High field d.c. conductivity of n-type CdS single crystals annealed in molten Indium', *Physica Status Solidi (a)* 75(1983) 83.
13. B. R. Sethi, P. K. Goyal, O. P. Sharma and P. C. Mathur, Negative magnetoresistance in heavily doped and compensated InSb', *Physica Status Solidi (b)* 119 (1983).
14. B. R. Sethi, M. Dashtiani, O. P. Sharma and P. C. Mathur, 'X-ray diffraction and conductivity studies in polycrystalline thin films of CuInTe₂ with excess copper contents', *Physica Status Solidi (a)* 134 (1992) 151.

Dr. Sumitra Mohanty

List of Publications:

1. Sumitra Mohanty and P.N. Dheer, Anisotropy of Penetration Depth in Superconducting Tin': *Solid State Communications* 50, 1984
2. Sumitra Mohanty, Design & Performance Characteristics of an S-band cavity for Surface Impedance studies : *Proceedings, Nuclear & Solid State Physics Symposium, Department of Atomic Energy, at BARC, Mumbai, 1981*
3. Sumitra Mohanty & P.N.Dheer, Penetration Depth in Superconducting Tin': *Proceedings, National Conference of Cryogenics, at NPL, 1981*
4. Sumitra Mohanty & P.N. Dheer, 'Anisotropy of Penetration Depth in Superconducting materials: proceedings, Nuclear & Solid State Physics Symposium, Department of Atomic Energy, at BHU, Varanasi, 1982
5. Sumitra Mohanty, Design & Performance Characteristics of an S-band cavity for Surface Impedance Characteristics': *Indian Journal of Pure & Applied Physics*, 1982

Dr. Rakesh Pandey

List of Publications:

1. R.K. Pandey, R.P. Saxena, Certain class of generalized isotropic perturbation of the s-wave three dimensional harmonic oscillator, *Pramana-J. Phy* 31 (1988) 347.
2. R K Pandey and V S Varma, Study of discontinuities in eigenvalue spectra of some model Hamiltonians, *J. Phys. A: Math. Gen.* 22 (1989) 459-468
3. R. K. Pandey and V. S. Varma, Comment 'Coulomb-diamagnetic problem in two dimensions', *Phy. Rev. A*, 42 (1990) 6928
4. R K Pandey and V S Varma, On the discontinuity in the energy spectrum of a model hemiltonian, *Pramana-J. Phy* 35 (1990) 1-9

Dr. Sangeeta D. Gadre**List of Publications:**

1. Sangeeta Batra and V. S. Varma, Period matching in modulated maps; *Pramana J. Phys* 37 (1991) 83.
2. Sangeeta D. Gadre and V. S. Varma, Controlling Chaos: Stabilization of fixed points and creation of new stable attractors in 1-D maps, *Pramana J. Phys* 43 (1994) 431.
3. Sangeeta D. Gadre and V. S. Varma, Controlling Chaos: Stabilization of unstable orbits using Exponential Control for maps and flows, *Pramana J. Phys*, 45, (1995) 355.
4. Sangeeta D. Gadre and V. S. Varma, Controlling Chaos using Exponential Control”, *Journal of Technical Physics, J. Tech. Phys.* 37 (1996) 337.
5. Sangeeta D. Gadre and V. S. Varma; Control of Chaos, *Pramana J. Phys.*, 48, (1997) 259.

Dr. Neena Khanijo**List of Publications:**

1. Anita Pasricha, Neena Chopra, Abhai Mansingh, Santokh Singh, Unltasonic Velocity and Attenuation Sodium Niobate Silicate Glasses, *Engineering Materials* 13-15 (1987) 901-904
2. Neena Chopra, Abhai Mansingh, G.K. Chadha, Electrical, Optical and Structural Properties of Amorphous V_2O_5 - TeO_2 Blown Films, *Journal of Non-Crystalline Solids* 126 (1990) 194-201.
3. Neena Chopra, Abhai Mansingh, Pawan Mathur, Electron Paramagnetic Resonance and Microharness of Binary Vanadium Tellurite Glasses, *Journal of Non-Crystalline Solids* 146 (1992) 261-266.
4. Seema Gupta, Neena Khanijo, Abhai Mansingh, The Influence of V^{4+} ion Concentration on the EPR Spectra of Vanadate Glasses, *Journal of Non-Crystalline Solids* 181 (1995) 58-63.
5. Neena Chopra, Vinay Gupta, Abhai Mansingh, G.K. Chadha, DC Conductivity of Binary and Modified Transition Metal Oxide Glasses, *Philosophical Magazine B* 75 (1997) 249-259.

Dr. Roshan Kshetrimaam**List of Publications:**

1. R. Kshetrimayum. Effects of the set phase position on the response of a SAW resonator oscillator based chemical sensor, *IEEE Sensors Journal* (2013) 1662-1668
2. R. Kshetrimayum. Coupling-of-Modes analysis and modeling of polymer-coated Surface Acoustic Wave resonators for chemical sensors, *IEEE Transaction on UFFC*, (2012) 1812-1819.
3. R. Kshetrimayum et al. Modeling the electrical response of polymer-coated SAW resonators using equivalent circuit based on COM theory, *Ultrasonics* (2011) 547-553
4. R. Kshetrimayum et al. Mass sensitivity analysis and designing of surface acoustic wave resonators for chemical sensors, *Measurement Science and Technology* (2009) 055201
5. R. Kshetrimayum et al. Multifrequency characterization of viscoelastic polymers and vapor sensing based on SAW oscillators, *Ultrasonics*, (2009) 638-645
6. R. Kshetrimayum et al. SAW interdigital transducer designs for multiple frequency oscillators and sensors, *J. Pure and Applied Ultrasonics* (2007) 46-53
7. R. Kshetrimayum et al. Piezoelectric crystals for surface acoustic wave (SAW) devices and sensors applications, *Adv. In Tech. Important Crystals* (2006) 385-390

Dr. Bipin Singh Koranga**List of Publications:**

1. Bipin Singh Koranga , A Semi-classic Look on Signature Splitting and Signature Inversion in Odd-Odd Nuclei .Int. J. Mod. Phys. E 20, (2011) 1455.
2. Bipin Singh Koranga, Effect of Majorana Phases in Neutrino Oscillation. Int. J. Theor.Phys. 50 (2011) 1831-1836.
3. Bipin Singh Koranga , Quantum Gravity in Neutrino Mass Square Difference .arXiv:hep-ph//0066918, Mod. Phys. Lett. A 25 (2010) 2183-2188.
4. Bipin Singh Koranga , S. Uma Sankar, Mohan Narayan, Phys.Lett.B665:63-66,2008 , (arXiv:hep-ph/0607274).
5. Bipin Singh Koranga , CPT Violation in Atmospheric Neutrino Oscillation: A Two Flavour Matter Elects . Int. J. Theor. Phys. 53 (2014) 11, 3737-3743
6. Bipin Singh Koranga, Quantum Gravity Elects in Neutrino Oscillation: Int. J. Theor. Phys. 53 (2014) 2753-2759
7. **Bipin Singh Koranga Invariance of Jarlskog Determinant Above the GUT Scale,
8. Bipin Singh Koranga, Does CP Phase Exist above GUT Scale.Int. J. Theor. Phys. 53 (2014) 1738-1742.
9. Neutrino Mass Hierarchy and CP violation in Long Baseline Neutrino Experiment,Int. J. Theor. Phys. 52 (2013) 2343-2350.
10. Analytic Calculation of Neutrino Mass Eigenvalues.nt. J. Theor. Phys. 51 (2012) 622-628.
11. Bipin Singh Koranga, Three Flavour Neutrino Mixing in Matter by Perturbation Approach.Int. J. Theor. Phys. 50 (2011) 689-697.
12. Bipin Singh Koranga, Relation between CPT Violation in Neutrino masses and mixings, Int. J. Theor. Phys. 50 (2011)
13. Bipin Singh Koranga, Neutrino Mass Hierarchy Above GUT Scale, Int. J. Theor. Phys. 50 (2011) 1868-1875.
14. Bipin Singh Koranga, Effect of Majorana Phases in Neutrino Oscillation. Int. J. Theor. Phys. 50 (2011) 1831-1836.
15. Determining the Sign of Δ_{31} by Future Long Baseline and Reactor Experiments,Fizika B18:151-164,2009.
16. Possible CPT violation from Planck scale effects Fizika B18:219-226,2009.
17. Deviation from Tetra-maximality above the GUT Scale Int.J.Theor.Phys.6:1-8,2010.
18. Do two flavour oscillations explain both KamLAND data and the solar neutrino spectrum,Int.J.Theor. Phys. 50 (2011) 1515-1521.

Dr. Usha Kulshreshtha**List of Publications:**

1. U. Kulshreshtha, Hamiltonian and BRST Formulations of some Field Theoretical Dynamical Systems with constraints",Dr.rer.nat. (Ph.D.) - December, 1993, Dissertation – Kaiserslautern University of Technology, Kaiserslautern, Germany.
2. U. Kulshreshtha, Hamiltonian Formulation of a Theory with Constraints",J. Math. Phys. 33, 633-688 (1992) (USA).
3. U. Kulshreshtha, Hamiltonian Formulation of One-Chain and Two-Chain System",International J. Theor. Physics, 32, 237-248 (1993) (USA).
4. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Muller-Kirsten, Hamiltonian Formulation of the Siegel Action in Various Gauges",Phys. Rev. D47, 4634-4638 (1993) (USA).

5. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "A Gauge Invariant Theory of Chiral Bosons: Wess-Zumino Term, Hamiltonian and BRST Formulations" *Zeitschrift f. Phys.* C60, 427-431 (1993) (Germany).
6. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "Hamiltonian and BRST Formulations of the Schwinger Model", *Helvetica Physica Acta* 66, 737-751 (1993) (Switzerland).
7. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "Gauge-Invariant $O(N)$ Non-linear Sigma Model(s) and Gauge-Invariant Klein-Gordon Theory: Wess-Zumino Terms and Hamiltonian and BRST Formulations", *Helvetica Physica Acta* 66, 752-794 (1993) (Switzerland).
8. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "BRST Formulation of a Gauge-Invariant Chiral Schwinger Model", *Nuovo Cimento* 107A, 569-578 (1994) (Italy).
9. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "The Gauge-Invariant, Gauged Floreanini-Jackiw Action: Stueckelberg Term, Hamiltonian and BRST Formulations", *Zeitschrift f. Phys.* C64, 169-176 (1994) (Germany).
10. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "Hamiltonian and BRST Formulation of a Gauge-Invariant Chiral-Schwinger Model", *Canad. J. Phys.* 72, 639-646 (1994) (Canada).
11. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "BRST Formulation of the Christ-Lee Model", *Canad. J. Phys.* 73, 386-392 (1995) (Canada).
12. U. Kulshreshtha, "Chiral-Schwinger Model with the Faddeevian Regularization in the Light-Front Frame: Construction of the Gauge-Invariant Theory through the Stueckelberg Term, Hamiltonian and BRST Formulations", *Helvetica Physica Acta*, 71, 353-378 (1998) (Switzerland).
13. U. Kulshreshtha and D.S. Kulshreshtha, "The Front-Form Hamiltonian and BRST Formulations of the Schwinger Model", *International J. Theor. Phys.* 37, 2539-2555 (1998) (USA).
14. U. Kulshreshtha, D.S. Kulshreshtha and H.J.W. Müller-Kirsten, "BRST Quantization of the Siegel Action", *International J. Theor. Phys.* 38, 1399-1406 (1999) (USA).
15. U. Kulshreshtha, "Hamiltonian and BRST Formulations of the Two-Dimensional Abelian Higgs Model", *Canad. J. Phys.* 78, 21-31 (2000) (Canada).
16. U. Kulshreshtha, "Hamiltonian and BRST Formulations of the Two-Dimensional Abelian Higgs Model in the Broken Symmetry Phase", *International J. Theor. Phys.* 39, 2479-2494 (2000) (USA).
17. U. Kulshreshtha, "A Gauged Non-Linear Sigma Model in the Instant-Form: Hamiltonian and BRST Formulations", *International J. Theor. Phys.* 40, 491-506 (2001) (USA).
18. U. Kulshreshtha, "The Front Form Hamiltonian and BRST Formulations of the Harada's Gauged Floreanini-Jackiw Action", *Canad. J. Phys.* 79, 1085-1098 (2001) (Canada).
19. U. Kulshreshtha, "A Gauged Non-Linear Sigma Model in the Light-Front Frame: Hamiltonian and BRST Formulations", *International J. Theor. Phys.* 40, 1561-1580 (2001) (USA).
20. U. Kulshreshtha, "A Gauge-Invariant Chiral Schwinger Model with the Faddeevian Regularization: Stueckelberg Term, Operator Solutions, Hamiltonian and BRST Formulations", *International J. Theor. Phys.* 40, 1769-1797 (2001) (USA).
21. U. Kulshreshtha and D.S. Kulshreshtha, "The Light-Front Hamiltonian and BRST Formulations of a Two-Dimensional Abelian Higgs Model in the Broken Symmetry Phase", *International J. Theor. Phys.* 41, 251-272 (2002) (USA).
22. U. Kulshreshtha, "Hamiltonian and BRST Formulations of the Nielsen-Olesen Model", *International J. Theor. Phys.* 41, 273-291 (2002) (USA).

23. U. Kulshreshtha and D.S. Kulshreshtha, "The Front Form Hamiltonian and BRST Formulations of the Jackiw-Rajaraman Chiral Schwinger Model", *Canad. J. Phys.* 80, 791-802 (2002) (Canada).
24. U. Kulshreshtha and D.S. Kulshreshtha, "The Front-Form Hamiltonian, Path Integral and BRST Formulations of the Nonlinear Sigma Model", *International J. of Theor. Phys.* 41, 1941-1956 (2002) (USA).
25. U. Kulshreshtha and D.S. Kulshreshtha, "The Front-Form Hamiltonian, Path Integral and BRST Formulations of the Siegel Action", *International J. of Theor. Phys.* 41, 2395-2410 (2002) (USA).
26. U. Kulshreshtha, "The Light-Front Hamiltonian and BRST Formulations of a Two-Dimensional Abelian Higgs Model", *Canad. J. Phys.* 80, 1631-1644 (2002) (Canada).
27. U. Kulshreshtha, "Hamiltonian and BRST Formulations of a Gauge-Invariant Chiral Schwinger Model with the Faddeevian Regularization", *Canad. J. Phys.* 80, 1645-1660 (2002) (Canada).
28. U. Kulshreshtha and D.S. Kulshreshtha, "Conformally Gauge-Fixed Polyakov D1 Brane Action in the Presence of a 2-Form Gauge Field: The Instant-Form and Front-Form Hamiltonian and Path Integral Formulations", *Phys. Lett. B* 555, (Nos. 3-4) 255-263 (2003) (USA).
29. U. Kulshreshtha and D.S. Kulshreshtha, "Hamiltonian and Path Integral Formulations of the Dirac-Born-Infeld-Nambu-Goto D1 Brane Action With and Without a Dilaton Field Under Gauge-Fixing", *European Phys. Jour. C* 29, 453-461 (2003) (Netherlands).
30. U. Kulshreshtha and D.S. Kulshreshtha, "The Front-Form Hamiltonian and BRST Formulations of the Nielsen-Olesen Model in The Broken Symmetry Phase", *Canad. J. Phys.* 82, 569-583 (2004) (Canada).
31. U. Kulshreshtha and D.S. Kulshreshtha, "The Instant-Form Hamiltonian and BRST Formulations of the Nielsen-Olesen Model in The Broken Symmetry Phase", *Canad. J. Phys.* 82, 843-851 (2004) (Canada).
32. U. Kulshreshtha and D.S. Kulshreshtha, "Hamiltonian and Path Integral Formulations of the Nambu-Goto D1 Brane Action With and Without a Dilaton Field under Gauge-Fixing", *International J. Theor. Phys.* 43, 2355-2369 (2004) (USA).
33. U. Kulshreshtha and D.S. Kulshreshtha, "Hamiltonian and Path Integral Formulations of the Born-Infeld-Nambu-Goto D1 Brane Action With and Without a Dilaton Field Under Gauge-Fixing", *International J. Theor. Phys.* 44, 587-603 (2005) (USA).
34. U. Kulshreshtha, "Hamiltonian, Path Integral and BRST Formulations of the Chern-Simons-Higgs Theory in the Broken Symmetry Phase", *Physica Scripta* 75, 795-802 (2007) (Sweden).
35. U. Kulshreshtha, "Light-Front Hamiltonian, Path Integral and BRST Formulations of the Nielsen-Olesen (Bogomolnyi) Model in the Light-Cone Gauges", *International J. Theor. Phys.* 46, 2516-2530 (2007) (USA).
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7. Monica Gambhir, Manoj Kumar, P.K. Jha, Man Mohan, Linear and nonlinear optical absorption coefficients and refractive index changes associated with intersubband transitions in a quantum disk with flat cylindrical geometry. *Journal of Luminescence*, 143, 361 (2013), ISSN: 0022-2313.
8. Jagjit Singh, Manoj Malik, P. K. Jha, M. Mohan, Computation of energy spectra of Quantum Dot using configuration interaction technique by including correlation and relativistic effect. *Quantum Matter* 2, 444 (2013), ISSN: 2164-7615.
9. Sukirti Gumber, Manoj Kumar, Monica Gambhir, Man Mohan, and Pradip Kumar Jha, Thermal and magnetic properties of cylindrical quantum dot with asymmetric confinement. *Canadian Journal of Physics*, 10.1139/cjp-2014-0688.

Dr. Ishpal Rawal**List of Publications:**

1. Ishpal Rawal, Facial synthesis of hexagonal metal oxide nanoparticles for low temperature ammonia gas sensing applications, (*RSC Advances* 5 (2015) 4135-4142)
2. Ishpal Rawal, Amarjeet Kaur, Low frequency and temperature dependent dielectric spectroscopic studies of polypyrrole nanoparticles, *Philosophical Magazine* 95 (2015) 1399-1413.
3. Ishpal Rawal, O.S. Panwar, R.K. Tripathi, A.P. Singh, S.K. Dhawan, A.K. Srivastava, Effect of helium gas pressure on dc conduction mechanism and EMI shielding

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- Ishpal Rawal, O. S. Panwar, R. K. Tripathi, A. K. Srivastava, Mahesh Kumar, Sreekumar Chockalingam, Structural and nanomechanical properties of nanocrystalline carbon thin films for photodetection, *Journal of Vacuum Science Technology A* 33 (2015) 031501.
 - O. S. Panwar, Ishpal Rawal, R. K. Tripathi, A. K. Srivastava, Mahesh Kumar, Structural, nanomechanical and variable range hopping conduction behavior of nanocrystalline carbon thin films deposited by the ambient environment assisted filtered cathodic jet carbon arc technique, *Journal of Alloys and Compounds* –628 (2015) 135-145,
 - Atul Bisht, S. Chockalingam, O. S. Panwar, A. K. Kesarwani, Ishpal Rawal, B. P. Singh, V. N. Singh, Structural, field emission and ammonia gas sensing properties of multiwalled carbon nanotube-graphene like hybrid films deposited by microwave plasma enhanced chemical vapor deposition technique, *Science of Advanced Materials* 1 (2015) 1424-1434.
 - Ishpal Rawal, Kiran Sehrawat, Amarjeet Kaur, Vibration spectroscopy for the investigation of ammonia gas sensing mechanism in polypyrrole nanostructures (*Vibrational Spectroscopy*- 74 (2014) 64–74).
 - Ishpal Rawal and Amarjeet Kaur, Effect of anionic surfactant concentration on the variable range hopping conduction in polypyrrole nanoparticles, (*Journal of Applied Physics* 115 (2014) 043717-1-6) .
 - R. K. Tripathi, O. S. Panwar, A. K. Kesarwani, Ishpal Rawal, B. P. Singh, M. K. Dalai and S. Chockalingam, Investigations on phosphorous doped hydrogenated amorphous silicon carbide thin films deposited by filtered cathodic vacuum arc technique for photo detecting application, (*RSC Advances*4 (2014) 54388-54397).
 - Neeraj Dwivedi, S. Kumar, Ishpal Rawal, H. Malik, Influence of consumed power on deposition of nano-structured diamond-like carbon thin films and its spectroscopic and nano-mechanical investigations –(*Applied Surface Science* 300 (2014) 141-148)
 - Vinod Kumar, Sunny, Ishpal Rawal, V.N. Mishra, R. Dwivedi, R.R. Das, Fabrication and Characterization of Grided Pt/SiO₂/Si MOS Structure for Hydrogen and Hydrogen Sulphide Sensing (*Material Chemistry and Physics* 146 (2014) 418-424)
 - R. K. Tripathi, O. S. Panwar, A. K. Srivastava, Ishpal Rawal and Sreekumar Chockalingam, Structural, nanomechanical, field emission and ammonia gas sensing properties of nitrogenated amorphous carbon films deposited by filtered anodic jet carbon arc technique, (*Talanta* 125 (2014) 276-283)
 - Ishpal Rawal and A. Kaur, Synthesis of mesoporous polypyrrole nanotubes/nanoparticles for ammonia gas sensing application (*Sensors and Actuators A: Physical* 203 (2013) 92-102) Impact factor -1.943, ISSN: 0924-4247, 19/08/2013
 - Ishpal and A. Kaur, Spectroscopic and electrical sensing mechanism in Oxidant mediated polypyrrole nanofibers/nanoparticles for ammonia gas (*Journal of Nanoparticle Research* 15 (2013) 1637-1-14) Impact factor -2.278. ISSN: 1572-896X 04/04/2013
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17. R. Dhar, Ishpal, P. Kumar, Deepika, D. Mohan, Synthesis of Reliable Food Grade packaging Materials, International Journal of Printing, Packaging and Allied Sciences 1 (2013) 26-29.
18. Ishpal, S. Kumar, N. Dwivedi and C.M.S. Rauthan, Investigation of radio frequency plasma for the growth of diamond like carbon films (Physics of Plasma 19 (2012) 033515-1-14)
19. A. Kaur, Ishpal and S. K. Dhawan, Tuning of EMI shielding properties of polypyrrole nanoparticles with surfactant concentration (Synthetic Metals 162 (2012) 1471-1477).
20. O.S. Panwar, Ishpal, R.K. Tripathi, Effect of substrate bias in hydrogenated amorphous carbon films having embedded nanocrystallites deposited by cathodic jet carbon arc technique (Diamond and Related Materials 25(2012) 67-72)
21. Ishpal, O.S. Panwar, M. Kumar and S. Kumar, Effect of ambient gaseous environment on the properties of amorphous carbon thin films (Materials Chemistry and Physics 125 (2011) 558-67).
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23. O.S. Panwar, S. Kumar, Ishpal, A.K. Srivastava, A. Chouksey, R.K. Tripathi and A. Basu, Effect of substrate bias in nitrogen incorporated amorphous carbon films with embedded nanoparticles deposited by filtered cathodic jet carbon arc technique (Materials Chemistry and Physics 132 (2011) 659-666)
24. N. Dwivedi, S. Kumar, Ishpal, S. Dayal, Govind, C.M.S. Rauthan and O.S. Panwar, Studies of nanostructured copper/hydrogenated amorphous carbon multilayer films (Journal of Alloys and Compounds 509 (2011) 1285-93).
25. Ishpal, O.S. Panwar, M. Kumar and S. Kumar, X-ray photoelectron spectroscopic study of nitrogen incorporated amorphous carbon films embedded with nanoparticles (Applied Surface Science 256 (2010) 7371-76).
26. O.S. Panwar, M. A. Khan, B.S. Satyanarayana, S. Kumar, Ishpal, Properties of boron and phosphorous incorporated tetrahedral amorphous carbon films grown using filtered cathodic vacuum arc process (Applied Surface Science 256 (2010) 4383-90).
27. O.S. Panwar, M. A. Khan, S. Kumar, A. Basu, B.R. Mehta, S. Kumar and Ishpal, Effect of high substrate bias and hydrogen and nitrogen incorporation on spectroscopic ellipsometric and atomic force microscopic studies of tetrahedral amorphous carbon films (Surface & Coatings Technology 205 (2010) 2126-33).
28. O.S. Panwar, M. A. Khan, B.S. Satyanarayana, R. Bhattacharyya, B.R. Mehta, S. Kumar and Ishpal, Effect of high substrate bias and hydrogen and nitrogen incorporation on density of states and field emission threshold in tetrahedral amorphous carbon films (J. Vacuum Sci. Technology -28 (2010) 411-22).
29. O. S. Panwar, Ishpal, R.K. Tripathi, A.K. Srivastava and S. Kumar, Hydrogenated amorphous carbon films having embedded nanoparticles deposited by cathodic jet carbon arc technique, Proc. SPIE 8549, 16th International Workshop on Physics of Semiconductor Devices, (2012) 85491M-85491M-6; doi:10.1117/12.924629, ISSN · 0277-786X. 15/10/ 2012
30. R. K. Tripathi, O. S. Panwar, Ishpal, Sreekumar Chockalingam, Growth and Characterization of Nitrogen Incorporated Amorphous Carbon Films Having Embedded Nanocrystallites, Physics of Semiconductor Devices (2014) 685-688, DOI: 10.1007/978-3-319-03002-9_176. Book Chapter: Series ISSN 1863-5520, Online ISBN: 978-3-319-03002-9. Dated 2014, Springer International Publishing Switzerland.

Dr. Nandkishore**List of Publications:**

1. Tuhin Dutta, Nandkishore, Deepak Kumar and Jagjivan Ram, Spectral Dynamics of Non-Stationary Audio Waves, VLF& ULF Signals: Complexity of BIS Processes in the Environment, International Journal of Advanced Research (2013), Volume 1, Issue 4, 208-212
2. Deepak Kumar, Tuhin Dutta, G.S. Chilana, Jagjivan Ram, Nandkishore, Madan Mohan Bajaj, Sobinder Singh, QUANTUM Computation In The Brain, Emergence Of Unperturbed Mind and Behavioural Pattern Due To Resistive, Inductive and Capacitive Bis Load, Himalyan Journal of Social and Natural Sciences, 01 (2013) 07-24

20. Areas of

- a) **consultancy:** None
- b) **collaboration with industry/institution; at the individual or institutional level and the income generated therein, if any:**

Name	Collaborator	Collaborator's Institution	Type of Collaboration	Income Generated
Dr. Sumitra Mohanty	Prof. Nirmal Patel, Department of Physics	University of North Florida	Joint research and presentation of NASA's RASCAL project	Nil

21. Faculty as members in**a) National committees**

Faculty name	Committees
Dr O P Sharma	<ul style="list-style-type: none"> • Member of Indian Society of Analytical Scientists
Dr. Sangeeta D. Gadre	<ul style="list-style-type: none"> • Member of Indian Society of Analytical Scientists • Resource person in national Programm organized by CBSE UDAAN. • Life time member of IAPT • Fellow of IETE (Membership No. F-217094)
Dr. Bipin S. Koranga	<ul style="list-style-type: none"> • Advancements and Developments in Modern Physics. • International Journal of Modern Theoretical Physics • Member of Indian Physics Association • Member of Indian Physics Teacher Association • Member of Indian Science Congress

- b) **International Committees** None
- c) **Editorial Boards** None

22. Student projects

- a) **Percentage of students who have done in-house projects including inter departmental/programme-** 10%
- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies-** 3%

23. (a) Awards/ Recognitions received by faculty:

Dr.SumitraMohanty	<p>Following are the student projects from Physics Department, under the Faculty Advisorship of Dr.SumitraMohanty, with teams of students from amongst students pursuing B.Sc. Hons Physics in our college:</p> <ul style="list-style-type: none"> • NASA's Great Moonbuggy Race, 2009 and 2010, Kennedy Space Center, USA <ul style="list-style-type: none"> (i) Systems Safety Award (ii) Best Initial Design Award • NASA's Lunabotics Mining Competition 2012, Kennedy Space Center USA <ul style="list-style-type: none"> (i) 15th Rank out of 65 International teams (ii) 5th Position in Outreach Project Report • NASA's Lunabotics Mining Competition 2013, Kennedy Space Center, USA <ul style="list-style-type: none"> (i) 2nd position in 'Outreach Project Report' (ii) 2nd position in 'Luna Worldwide Campaign' (iii) 11th rank out of 50 International teams • NASA and NIA's Revolutionary Aerospace Systems Concepts and Academic Linkage (RASC'AL), Cocoa Beach Florida, USA 2014. <ul style="list-style-type: none"> (i) Only International team whose paper got selected, paper on 'Enabling a long duration Mission in CIS Lunar Space' (ii) 6th Rank (iii) Great Appreciation for the Research report by top NASA Scientists • Mars Society's University Rover Challenge (URC) at the Mars Desert Research Station, Utah, USA, May 2014 <ul style="list-style-type: none"> (i) 3rd Position in Project Presentation Category (ii) Successful completion of all 5 challenging tasks by the Rover, only a few teams could achieve that (iii) 13th overall ranking out of 31 selected International teams • URC 2015 at Mars Desert Research Station, Utah <ul style="list-style-type: none"> (i) Our team got selected among 22 teams from amongst 44 competing International teams, after several layers of rigorous competitions. (ii) Team on its way to participate in the URC Rover Challenge in Mars Desert Research Station, Utah in May 2015 (financed by the University of Delhi)
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(b) Awards/ Recognitions received by students:

Year of Award	Name	Course	Part/Year	Position in University
2009-2010	Depankar Nath	B.Sc. (H) Physics	III	3 rd
2009-2010	Lav Kumar	B.Sc. (H) Physics	II	3 rd

2011-2012	Vibhu Mangla	M.Sc. Physics	Final	1 st
2011-2012	Onkar Mangla	M.Sc. Physics	Final	1 st
2011-2012	Anita Raheja	M.Sc. Physics	Final	2 nd

24. List of eminent academicians and scientists / visitors to the department-

Name	Institute
Prof. Amitabha Mukherjee	Deptt. Of Physics and Astrophysics, University of Delhi
Prof. Patrick Das Gupta	Deptt. Of Physics and Astrophysics, University of Delhi
Prof. T. R. Sheshadri	Deptt. Of Physics and Astrophysics, University of Delhi
Prof. Debjyoti Chaudhary	Deptt. Of Physics and Astrophysics, University of Delhi
Prof. Sanjay Jain	Deptt. Of Physics and Astrophysics, University of Delhi

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National

1. Conference 'Gender and Science', 2005,
Funded by Women's Studies Center, University of Delhi

b) International

1. International conference on Current Development in Atomic, Molecular and Optical Physics, 2002
Funded by- DU, UGC, DST, DRDO
2. International conference on Current Development in Atomic, Molecular and Optical Physics, 2006
Funded by- OSA, DU, UGC, DST, DRDO

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass Percent age*
			Male	Female	
B. Sc. (H) Physics Sem I	--	115	99	16	-
B. Sc. (H) Physics Sem III	--	169	155	14	-
B. Sc. (H) Physics Sem V	--	122	97	25	-

* Refer to Section 5.2.2

27. Diversity of Students

Name of the Course	% of students from the same state	% of Students from the other states	% of students from abroad
B.Sc.(H) Physics	8%	92%	NIL

28. How many students have cleared national and state competitive examinations such as NET,SLET,GATE, Civil services, Defense services, etc.: 35%

29. Student Progression

Student progression	Against % enrolled
UG to PG	40%
PG to M. Phil.	NIL
PG to Ph.D	10%
Ph.D. to Post-Doctoral	5%
Employed	
• Campus selection	5%
• Other than campus recruitment	40%
Entrepreneurship/Self-employment	45%

30. Details of Infrastructural facilities**a) Library**

Book Purchased for Physics :

S. No.	Year	No. of Books	Amount (Rs.)
1	2010-2011	317	104000.00
2	2011-2012	331	100000.00
3	2012-2013	235	87391.00
4	2013-2014	303	101755.00
5	2014-2015	280	147750.00

b) Internet facilities for Staff & Students

The college has dedicated room in the library consists of around eight computers having internet connection. In addition the Wi-Fi connection is also available in the college campus for Staffs and Students. The Department is setting up a computer lab with ten computer systems and ten N-computing devices with one server machine.

c) Class rooms with ICT facility

All the three lecture theaters and two Physics Labs of the department are equipped with LCD projector.

d) Laboratories

1. Mechanics and Electronics Lab
2. Optics Lab

3. Thermal Lab
4. Microprocessor and Computer Lab

e) Computer Lab

Apart from the computer lab (with around 100 computer systems) facility of the college, the Department is setting up a computer lab with ten computer systems and ten N-computing devices with one server machine.

31. Number of students receiving financial assistance from college, university, government or other agencies: About 10%

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

S.No.	Program
1	Educational Trips are organized to National Physical Laboratory, Delhi during open days of NPL
2	Visit to Inter University Accelerator Center on National Science Day
3	Special Lectures by the professors of university of Delhi are organized regularly

33. Teaching methods adopted to improve student learning

1. Black board teaching supported by discussions
2. Problem solving approach of teaching
3. Power Point Presentation
4. Assignments
5. Class Tests alongwithPracticals and Projects.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc.

(1) Dr. Raksha Sharma - Caretaker girls wing NCC 2014-15

35. a. SWOT (Strength, Weakness, Opportunity, Threat) analysis of the department:

Strength

The department is a perfect blend of both young and experienced senior faculty members. Many faculty members are involved in research related activities and some of them also involve undergraduate students with them. These activities inspire the young students in taking greater interest in the subject. The department also encourages project work which is demonstrated by a good number of innovative projects carried out by the faculty members. A point worth mentioning here is that the department has been sending a team of students to NASA, USA for Lunabotics and other such competitions every year. It is a matter of pride that our college has been consistently participating and excelling in these competitions organized in USA over the last seven years, the only undergraduate college in Delhi University to do so.

The large size of the department with 24 teachers and 3x128 B.Sc. (Honours) Physics students and 2x (128+35) B.Sc. (Program) students is strength of the department. The richness and diversity of the department can be further highlighted by the fact that we have faculty members from as many as 10 states of India and students from even larger number of states. This diversity encourages us to think in varied ways, in nurturing a wide spectrum

of ideas to help function the department with a purpose. It also helps the department in catering to diverse requirements of students coming from different socio-cultural background and helps in developing a comprehensive attitude towards growth and development of scientific temper and education of physics.

The research interests of teachers of the department is also very diverse which includes theoretical Nanoscience, Condense matter physics, High energy physics, Nanomaterial fabrication, and Quantum electrodynamics. This offers students the opportunity to choose different subfields of physics for delving deeper into the subject. One of our senior Faculty members has done intensive study and research on Gender studies in Science, the first such work in Delhi University, and has presented and interacted with several Universities across the World. Our Department is sensitive in encouraging women students to pursue higher studies and careers in Physics and Science.

The department has been very active in cultural, co-curricular and extra-curricular activities. It has been a tradition that the physics society organizes talks, festivals, fresher's welcome and senior's farewell with vivid colours having an intense academic flavour. One of our faculty is the head supervisor of the female NCC cadres of the college. Another faculty from physics heads the college Music society which has the distinction of producing India's top musicians and bands like KK, Parikrama etc.

Weakness

The highly active physics department jostling with motivated students and teachers sometime feel the need of more space for carrying out projects and research activities. All the existing human resources of the department which includes teachers, students and non teaching staff, the department runs all the activities including regular college lab work almost smoothly. We believe, if we can create some more space and better laboratory equipments we can excel to the even higher levels.

Opportunity

The department teachers are undertaking a good number of innovative projects. These initiatives have been providing the department a great opportunity for both the students and teachers to explore and extend expertise into different fields. Also, two of the faculty members are on study leave in order to pursue their PhD degree. This should benefit the department immensely by gaining on the expertise and skills acquired by these faculty members. One of our faculty member visits the USA or Germany every summer vacation as a visiting Faculty. Experiences and exposure that she gains on her several visits abroad are also utilized for the benefit of the students and in making the teaching learning process more robust.

Threat

The department has a dedicated set of teachers and non-teaching staff. It is a major challenge before the department that as many as 12 teachers and 7 non-teaching staff are not yet permanent. We believe that permanent appointments will make the working environment more conducive for raising higher standards of the department. Another area on which we need to work is the space constraint. After the OBC expansions, the number of students have almost doubled but our laboratory, classroom infrastructure and teaching/non-teaching staff have not increased in size in the same proportion. These infrastructure facilities need modernization immediately failing which the efficiency of the human resources may suffer in the long run.

Future Plan

The department is planning to establish an alumni association of passed out students of Physics (undergraduate and postgraduate level) to connect with our own old students. The department has a plan to develop a multi-purpose central facility within the Physics Department to create an environment to help the students and the faculty members in realising their dream of carrying out research and exploration activities.

The department wants to plan projects and innovations that can benefit the society directly. The department would like to explore ways to procure enough equipments for the students who have grown in numbers after the OBC expansion. The department plans to develop its own library by keeping books to be consulted only during the stay in the college. The department has a vision of air-conditioned lecture theatres and labs to give an environment suitable for carrying out extended and intense studies.

Department of Political Science

1. **Name of the Department:** Political Science

2. **Year of Establishment:** 1954

3. **Names of the Programmes / Courses offered-**

B.A. (Hons.) Political Science

B.A. (Prog.)

4. **Names of Interdisciplinary courses and the departments/units involved-**

S. No.	Name of Interdisciplinary Course	Departments involved (Other than the Department of Political Science)
1.	Contemporary India	Offered in collaboration with the Department of Economics to the students of B.A. Programme
2.	Reading Gandhi	Offered to students of the departments of Mathematics, English, Hindi, Urdu, Sanskrit, Economics, History, and Geography
3.	Citizenship in a Globalising World	Offered to students of the departments of English, Hindi, Urdu, Sanskrit, Economics, History, and Geography
4.	Democracy and Government in India	offered to students of the department of Commerce
5.	Generic Elective Papers under CBCS- i) Nationalism in India; ii) Understanding Ambedkar; iii) Politics of Globalization; iv) Gandhi and the Contemporary World	Offered to the students of the departments of English, Hindi, Urdu, Sanskrit, Economics, History, and Geography

5. **Annual/semester/choice based credit system (programme wise)-**

B.A. (Hons.) Political Science (Choice Based Credit System),

B.A. (Hons.) Political Science (Semester mode three years programme),

B.A. (Hons.) Political Science (Erstwhile Four Year Undergraduate Programme),

B.A. (Prog.) (Choice Based Credit System),

B.A. (Prog.) (Semester mode three years programme).

6. **Participation of the department in the courses offered by other departments-**

Political Science faculty teaches the Generic Elective paper to the students of other courses of the college.

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.-** N.A.

8. **Details of courses/programmes discontinued (if any) with reasons-**

Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification

Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification

9. Number of teaching posts

	Sanctioned	Filled
Associate Professors	9	2
Asst. Professor		8*

* 1 permanent faculty on lien

10. Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Uma Gupta	Ph.D	Associate Professor	(A) Indian govt. & politics, (B) Political theory, (C) Human Rights, (D) Political Processes and Institutions.	34 years (Approx)	-
Dr. Rupak Dattagupta	Ph.D.	Associate Professor	(A) International Relations, (B) Global Politics, (C) Political Economy	28.5 years	1 (Registered)
Dr. Roopinder Oberoi	Ph.D.	Assistant Professor	(A) Public Administration, (B) Public Policy	12 years	1(Registered)
Dr. Papia Sengupta Talukdar	Ph.D.	Assistant Professor (On lien since 3 rd of August , 2015)	(A) Political Theory, (B) Indian Politics	14 years	1(Registered)
Dr. Shyam Kumar	Ph.D.	Assistant Professor	Indian Politics	15 years (Approx.)	-
Mr. Suresh C.	M.Phil.	Assistant Professor (Ad hoc)	(A) Political Theory, (B) International Relations	6.5 years	
Mr. Chirantan Kumar	M.Phil.	Assistant Professor (Ad hoc)	(A) Public Administration, (B) Indian Government and Politics	6.3 years	-
Mr. Pankaj Sarma	M.Phil.	Assistant Professor (Ad hoc)		1.6 years	-

Mr. Gaurav Panwar	M.phil.	Assistant Professor (Ad hoc)	(A) Political theory (B) Indian government and politics	2 years	-
Ms. Shweta Sharma (Appointed against lien of Dr. Papia Sengupta Talukdar)	M.Phil.	Assistant Professor (Ad hoc)	(A) Indian Politics (B) Political Theory	3 months	-

11. **List of senior visiting faculty-** Nil

12. **Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty:**

B.A. (Hons.)- 60 % of the classes are taught by ad hoc faculty*

B.A.(Prog.)- 100 % of the classes are taught by ad hoc faculty*

B.Com (Hons.)- 100 % of the classes were taught by ad hoc faculty*

* The department does not have any temporary faculty

13. **Students-Teacher Ratio (Programme wise)-**

BA (Hons.) Political Science: 36:1

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil

15. **Qualifications of teaching faculty with D.Sc/D.Litt/ Ph.D/M.Phil/PG.**

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Permanent	5	-	-
Ad-hoc	-	5	-

16. **If any ongoing projects from a) National b) International funding agencies and grants received** Nil

17. **Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received**

Nature of the	Duration Year	Title of the	Name of the	Total Grant	Total grant received	Equipments purchased for the project
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Project	From To	project	funding agency	Sanctioned	Received	bill date	
Minor project	January 2012- June 2013	Linguistic Diversity and Group Rights	UGC	50,000	50,000	-	-
Innovation Project	2014-15	Socio-political & Psychological causes of Road Traffic jams Problems, their Environmental & Societal Impacts & Suggesting Remedial Measures for Smoothing Road Traffic in Delhi-NCR	University of Delhi	3 lakhs	3 lakhs	3 lakhs	DSLR camera

18. If any Research Centre / facility recognized by the University developed by you.
N.A.

19. Publications:

PUBLICATIONS	Number	Faculty wise Number
Number of papers published in peer reviewed journal(national/international by faculty and students)	53	Dr. Uma Gupta- 1
		Dr. Rupak Dattagupta- 8
		Dr. Roopinder Oberoi- 27
		Dr. Papia Sengupta Talukdar- 8
		Chirantan Kumar- 2
		Pankaj Sarma- 2
		Gaurav Panwar- 4
		Shweta Sharma- 3
Monographs	1	Dr. Rupak Dattagupta- 1
Chapter in books	15	Dr. Rupak Dattagupta- 1
		Dr. Roopinder Oberoi- 12
		Dr. Papia Sengupta Talukdar- 2
Books edited	1	Dr. Roopinder Oberoi – 1
	2	Dr. Uma Gupta- 1

Books with ISBN/ISSN number with details of publishers	Dr. Rupak Dattagupta- 1
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Details of Publication

Dr. Uma Gupta

List of Publications:

1. "The Supreme Court of India and social Justice" in Journal of Constitution and Parliamentary Studies. Vol.16,3-4(july-dec-1982)
2. Book- Supreme Court and Civil Liberties, Dr.Uma Gupta, 1988

Dr. Rupak Dattagupta

List of Publications:

1. Book Review : of Lars Rudebeck(ed), 1992,. When Democracy Makes Sense : studies in Democratic Potentials of Third World Popular Movements, AKUT,Uppsala University, Sweden. in Man and Development, June, 1993.
2. Article : Link : 16/2/1992, " Brain Drain"
3. Review Article : on "Political Culture in India" by R A Sharma and Sushma Yadav (eds), in Man and Development, March 1990
4. Article : "Corporatism - A View from the Third World" in Man and Development, Dec. 1988
5. Article : "Role of the State in Private Sector - the case of India and Japan" in Third Concept, Sept. 1988
6. Review Article : "Socialism- Chinese Style" of Chen Erjin , 1984, China : Crossroads Socialism, london, Verso
7. Book Review : of Hugh Mosley, 1985, Arms Race - Economic and Social Consequences, Lexington, New York in Disarmament (UNO, New York)
8. Book Review : of Immanuel Hsu, 1984, China Without Mao - Search for a New Order, New York, OUP in China Report, Spl. No. 1984.

Monographs and Books

1. Classes & Elites in the Third World. 2001, Authors press, Delhi. ISBN – 81-7273- 078-0
2. 2015, "Emergence of the New Middle Class in India" in Singh, Abhay Prasad (Ed.), Development Process and Social Movements in Contemporary India, Pinnacle Learning: New Delhi. ISBN: 978-93-83848-14-0

Dr. Roopinder Oberoi

Chapters Contributed in Books :

1. Heterarchical networks for global corporations: emerging unstructured complexity in regulatory landscape Sustainability after Rio; vol 8; ISBN: 978-1-78560-445-4; Edited by David Crowther, M. Azizul Islam , Emerald Publishing
2. *Revolutionizing CSR Ed* Prof S.N Mishra (2015) New Academic Publisher, New Delhi.
3. Rebooting Corporate Governance in India: Understanding the Journey through Institutional and Regulatory Landscape till the New Companies Act 2013 "Governance for the new era: cases and perspectives from top to bottom and left to right" Editor - Dr Tom Cockburn Business Express Press, New York. Jan 2015.
4. Emerald Books Volume 5 - The Governance of Risk - Developments in Corporate Governance and Responsibility Series editor(s): David Crowther and Guler Aras – Deciphering the Diverse Nature of Corporate Governance in the Indian Public

- Sector: A Study of Public Sector Bharat Heavy Electricals Limited (BHEL) Company. 2013, SRRNet Social Responsibility Research Network.
5. *Governance in Action Globally- Strategy, Process and Reality.* edited by Dr Philippa Wells and Jens Mueller, Instituting Good Governance in Indian Public Sector. Rossismith Academic Publication, UK 2014
 6. *Climate Change, Sustainable Development and Human Security- A Comparative Analysis* Ed by Dharendra. K. Vajpeyi. Chapter -Climate Change Vulnerabilities and Human Insecurities- Understanding the Impact on India. Lexington Books, 2013
 7. *Ethics, Integrity and Values in Public Service; - Ethical Convergence: Synchronizing Public Private Corporate Governance.* Ed R. K Arora; New Age Publishers 2013
 8. *Strategic Corporate Social Responsibility – Towards Sustainable Business* Ed R.K Mishra, Bloomsbury Publishing, 2013 – Reinstating the Role of Public Policy to fortify CSR: An exploratory study.
 9. *Today's Human Resource for a Sustainable Tomorrow:* Prof SN Mishra and Sulagana Sarkar, Allied Publishers, 2012 – Leveraging Diversity through Sustainable Inclusion – Case for Strategic HRM in Multinational Organization.
 10. *CSR and Competitiveness (Ed):* Prof Subash Mittal – Asia Pacific Institute Management, Allied Publishers, - Dovetailing Sustainability – An Upcoming Paradigm for Corporates.
 11. *Ethical Governance in Business and Government (2013) Ed Ramesh K Arora*
 12. *Corporate Governanace in Emerging Markets: Ed.* Prof. S.N Mishra and Dr Shital Jhunjhunwala 2013 Bloomsbury Publishing, - Global Corporate Governance- Evolving Guidelines for Multinational Enterprises.
- Articles in National and International Journals**
1. *Dans Revue de l'organisation responsable* Complexity in regulating multinational corporates in global era: understanding the taxonomy of 'power' and 'corporate responsibilities' 2013/2 (Vol. 8)
 2. *Journal of Asian and African Studies, Sage Publication;* Mapping the Matrix of Corruption: Tracking the Empirical Evidences and Tailoring Responses, Volume 49. Issue. 2 April 2014.
 3. *Asia-pacific journal of management research and innovation - Sage Publication* Moving towards Sustainability: Initiatives towards Triple Bottom Line by Select Indian Public Sector Enterprises March 2014, Vol. 10, Number1.
 4. *Indian Journal of Public Administration,*– A Comprehensive Construct for Ethical Society and Governance through an Integrity framework, Vol. LJX, No 3 July Sept 2013
 5. *Social Responsibility Review 2012 No. 4* Social Responsibility Research Network De Montfort University, Leicester Business School, The Gateway, Leicester LE1 9BH - Indian Government's Initiative to Strengthen Corporate Social Responsibility in Public Sector: An Analysis
 6. *International Journal of Asian Social Science,* 2013 Understanding Community Governance: A Global Perspective - Jamie P. Halsall Roopinder Oberoi Ian G. Cook and Paresh Wankhade, vol. 3, issue 5, pages 1112-1127
 7. *International Journal of Social and Economic Research 2012,* Volume-2, Issue-2 (July–December) Amalgamate Ethics with Business: An Essentiality and No More an Oxymoron.
 8. *Dynamics of Public Administration Year 2011,* Volume-28, Issue-2 (July-December) Instituting effective corporate governance in central public sector enterprises: A preview to current policies and initiatives

9. Contemporary Law Review – 2013 Volume 1 Symbiosis International University– LexisNexis - Corporate Governance Good Practices
10. Labour and Development; - V.V Giri Institute of Labour Studies June 2011 - Discourse on Corporate Social Responsibility: Rhetoric and Reality.
11. Administrative Change Journal – Governance Discourse- Oct-Dec 2011.
12. Punjab University Research Journal April- Oct 2011 Theoretical Underpinning for Corporate Social Responsibility: Holding Business Responsible.
13. Indian Journal of Public Administration- March- June 2012, Vol.58(1),Jan-Mar.,2012,pp.49-68 Corporate Governance in Central Public Sector Enterprises – A case of BHEL.
14. GITAM Journal of Management –Oct- Dec 2012 – Corporate Social Responsibility and Sustainability Reporting: A Roadmap for 21th Century Corporates.
15. *Punjab University Research Journal*; April-Oct 2009; Article- Synergizing Diversity- building intercultural Competencies in Multicultural Organizations.
16. Labour and Development 2010 Vol 14-15 Equipping workforce with Skills and Competencies- Need for Restructuring Vocational Educational and Skill Development in India
17. *Manpower Journal*; Oct–Dec 2008; Institute of Applied Manpower Research. Article-Coping with workforce diversity: An imperative for a multicultural paradigm.
18. *Pol-Sym*, A Socio-Political Journal of Symbiosis Society’s Law College; Jan 2005; Article - Theory of State and Public Ownership in the Globalised World.
19. *The Indian Journal of Political Science*; Oct-Dec 2005; Article- Public Sector: A Shift from Enterprise to Entrepreneurial Approach: An Illustration- Project Engineering Management Unit at BHEL.
20. *Think India Quarterly*; Jul-Sep 2005; Article-The Emergence of Post –Bureaucratic Organizations: Implications for the State and Public Administration.
21. *Pol-Sym: A Socio-Political Journal of Symbiosis Society’s Law College*, Jun 2007; Article-Motivation for Organizational Excellence- Tapping the Potentiality of Employees
22. *Think India*, Oct- Dec 2007; Article-Globalisation and Governance: Initiating a break from Bureaucratic Cage
23. *Indian Journal of Political Science*, Oct-Dec 2007. Article- Restructuring Public Governance in Global Era.
24. *Administrative Change Journal*, 2009; Article-Instilling Corporatism in public sector. –The Global impact
25. *Indian Journal for Training and Development*; April–June 2010; Article- Managing Human Resource in knowledge economy- The Blue print for change.
26. *Siddhant –A Journal of decision making*; April-June 2010; Article- Pointer of Good Governance in Public Sector management.
27. *Indian Journal of Social Inquiry*; Sept- Nov 2009; Article- Corporate Governance: An attempt to draw ethical code.

Book Reviews Published:

1. Indian Journal of Public Administration (IJPA) –Skill Profile Analysis for Management Training – A P Sexana 2012
2. Title of the book: Governance and Administrative Reforms by A.P Saxena; Ane Book Pvt. Ltd; <http://indiagovernance.gov.in/listbookreview>.
3. CSR and Sustainable Development in Emerging Economies, Published by Lexington, Rowman Little Field, USA November, 2015

Forthcoming Publications/Contributions in edited Books

1. “Parliament in India’ (Ed): Prof M.P Singh and Himanshu Roy. Chapter - Role of Standing Committees in India Manak publisher 2015 .
2. "Public Administration :Approaches and Application" Edited by Prof Alka Dhameja –Prentice Hall 2015 Chapters in Book

UGC E-Pathshala (post graduate programme)

1. Contributed 3 chapter contents for Public Policy paper.
2. Reviewers of Jambá Journal of Disaster Risk Studies

Dr. Papia Sengupta Talukdar**List of Publications:**

1. “Accommodating Linguistic Minority(s) in India: Constitutional-Legal Framework”, *Droit et Cultures*, Special edition on India, ‘Cultures meet the Law’, also co-editor of the special edition. Volume 67 No.1, 2014
2. “Whither Equality and Justice: Rawls Theory of Justice and Violence against Women in India”, *Social Action*, Volume 64, No.2, 112-122, April-June 2014
3. ‘Equality’ and ‘Multiculturalism’ for the postgraduate course on contemporary political philosophy in Delhi University under the *e-pathshala programme*, University Grants Commission, Ministry of Human Resources Development, Government of India, 2013
4. “Swami Vivekananda: A Youth Icon”. *Proceedings of the National Seminar commemorating Swami Vivekananda 150th Birth centenary, Ramakrishna Sarada Vivekananda Vidya Mandir, Kolkata, India, 2013*
5. “Justice towards Group: A Multicultural Critique of Rawls Theory of Justice”, *Journal of Social and Political Studies* Volume 1(1), December 2010
6. “Endangered Languages: Some Concerns”, *Economic and Political Weekly*, Volume XLIV No.32, 17-19, August 2009
7. “Linguistic Diversity and Economic Disparity: An Issue for Multiculturalism in India”, *Journal on Diversity of Organisations, Communities and Nations*, Volume 9(1), 147-164, 2009
8. “Linguistic Diversity and Disparate Regional Growth”, *Economic and Political Weekly*, Volume 43, No. 33, 8-10, 2008
9. “Right to Development” and “Women’s Rights”, for the Certificate Course in Human Rights, Indira Gandhi National Open University, Delhi, 2007
10. “Rights”, in Rajeev Bhargava and Ashok Acharya (ed.) *Political Theory: An Introduction*. Pearson Educations, 2008
11. The Legal Protection of Bio-cultural Diversity in India”, in *The Legal Protection of Bio-cultural Diversity: A Comparative Perspective on Brazil, Canada and India* (ed.) Pier Luigi Petrillio, Unitelma Sapienza di Roma, forthcoming in 2016 by Springer.

Chirantan Kumar**List of Publications:**

1. Kumar, Chirantan (2009), “Migration and Refugee Issue between India and Bangladesh”, *Scholar’s Voice: A New Way of Thinking*, Vol.-1 (No. 1): pp. 64-82. ISSN No. 0974- 6501
- Kumar, Chirantan (2010), “Book Review- Pandey, Nishchal N. (2008), *India’s North-East Region: Insurgency, Economic Development and Linkages with South-East Asia*, New Delhi: Manohar Publishers and Distributors”, *India Quarterly*, Vol.-66 (No. 3): pp. 319-322. ISSN NO. 0974- 9284

Pankaj Sarma**Articles in Journals:**

1. Pankaj Sarma, "The Idea of Gender Equality in Indian Society: Issues and Challenges" in Gopal Krishan ed. Empowering Women: The Indian Perspective, Authors Pride Publisher, New Delhi, 2015
2. Pankaj Sarma, "Giving Voice to the Marginalised: Addressing the Issues of Street Vendors of India" published in Paripreksya (ISSN : 2278-0602) , vol. XI, 2014

Articles in Newspaper:

3. "Juvenile Justice: Thinking Beyond Punishment" published in The Assam Tribune, 7th February, 2015
4. "The Politics of Killing and the State Failure" published in The Assam Tribune, 29th December, 2014
5. "Retaining the Fair through Unfair Selection Process" published in The Assam Tribune, 8th July, 2014

Gaurav Panwar**List of Publications:**

- [REDACTED] (ISSN: 2394-4919, July-Dec, 2014)
- [REDACTED] (ISSN: 2394-4919, July-Dec, 2014)
- [REDACTED], [REDACTED] (ISSN: 2394-4919, [REDACTED] 1, [REDACTED] 2, [REDACTED]-[REDACTED], 2015)
- [REDACTED] (ISSN: 2394-4919, [REDACTED] 1, [REDACTED] 3, [REDACTED]-[REDACTED], 2015)

Shweta Sharma**List of Publications:**

1. "Life dictated by a rule book in police custody", in the International Journal of Applied Research, ISSN Print: 2394-7500 ISSN Online: 2394-5869 Impact Factor: 5.2 IJAR 2015; 1(8): 08-09
2. "Politics of Recognition in India" in the 'Review of Politics', a journal of Veer Kunwar Singh University, Ara, Bihar. ISSN NO.: 0972- 1436.
3. "Communitarian Critique of Multiculturalism" in the bi- annual journal of IIPA (Indian Institute of Public Administration), ISSN NO. :0974-2735 Bihar regional branch, Patna.

20. Areas of a) consultancy , and b) collaboration with industry/institution; at the individual or institutional level and the income generated therein, if any: Nil.

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards

Dr. Rupak Dattagupta

- Member - World Association of Former UN Interns & Fellows(WAFUNIF), New York
- Life Member, IIPA
- Fellow – Developing Countries Research Centre, DU

- Board of Directors – All India Association for Life Care & Social Welfare, New Delhi(NGO)

Roopinder Oberoi

- Reviewer for International Journal EURAM Conference 2012 and 2013 International Journal of Asian Social Science: International Journal of Sociology and Social Policy Emerald
- Panel Convener and Chair: International Conference of Political Science (IPSA 2016)
- Editorial Board Member: Public Administration Research Published by Canadian Center of Science and Education

22. Student projects

- a) **Percentage of students who have done in-house projects including inter departmental/ programme: 100 %**
- b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil**

23. Awards/ Recognitions received by faculty and students Faculty members

Sr. No.	Name	Name of Award	year
1.	Dr. Roopinder Oberoi	• Fellowship from World Business Institute, Australia. Oct 2012	2012
		• Post Doctorate Fellowship; University Grant Commission; July 2009-2012; Research Topic - Corporate Governance and Business Ethics in Public Sector – Study of BHEL	2009-2012
		• UGC Travel grant for paper presentation at University of Technology, Sydney	
		• University of Delhi Travel Grant for paper presentation at Dallas, USA.	
2.	Dr. Papia Sengupta Talukdar	International Advanced Studies in Humanities- School of Social and Political Science, University of Edinburgh Visiting Research fellowship	2016
		Selected for session of the School of Critical Theory, Cornell University	2015
		Brown International Advanced Research Institute Fellowship Program at the Brown University, Providence, Rhode Islands, USA	2015
		Fellowship by the International Institute of Federalism, University of Fribourg, Switzerland	2013
		Associate award by the Indian Institute of Advanced Studies, Shimla, India	2013

		Visiting Scholar in the Center for South Asia, University of Edinburgh	2012
		University of Delhi Travel Grant for paper presentation in Glasgow	2012
		International Institute for Social History support grant for paper presentation In the Ninth European Social Science and History Conference	2012
		Distinguished Teacher of Delhi University Award for excellence in teaching	2009
		University Grants Commission Travel grant for paper presentation in International Conference Latvia	2009
3.	Dr. Shyam Kumar	Dr. Rajendra Prasad Teachers Award	2014

Students

Sr. No.	Name	Class	Name of Award	year
1.	Chandrawati	B.A. (H) Pol.Sc. 3 rd year	B.B. Sarkar Memorial Award	2012
2.	Rupak Kumar	B.A. (H) Pol.Sc. 2 nd year	B.B. Sarkar Memorial Award	2012
3.	Nikhil Beniwal	B.A. (H) Pol.Sc. 1 st year	B.B. Sarkar Memorial Award	2012
4.	Rupak Kumar	B.A. (H) Pol.Sc. 3 rd year	Stood First with First Division in the University	2013
5.	Rupak Kumar	B.A. (H) Pol.Sc. 3 rd year	B.B. Sarkar Memorial Award	2013
6.	Manish Kumar	B.A. (H) Pol.Sc. 2 nd year	B.B. Sarkar Memorial Award	2013
7.	Ankur	B.A. (H) Pol.Sc. 1 st year	B.B. Sarkar Memorial Award	2013
8.	Pardeep Kumar	B.A. (H) Pol.Sc. 3 rd year	B.B. Sarkar Memorial Award	2014
9.	Ankur	B.A. (H) Pol.Sc. 2 nd year	B.B. Sarkar Memorial Award	2014
10	Divya Dua	B.A. (H) Pol.Sc. 1 st year	B.B. Sarkar Memorial Award	2014
11	Abhishek Handa	M.A. Political Science	Academic Award	2014

24. List of eminent academicians and scientists / visitors to the department

- Prof. Christopher S. Raj, School of International Studies, Jawaharlal Nehru University,
- Prof. Chintamani Mohapatra, School of International Studies, Jawaharlal Nehru University,
- Prof Achin Vanaik, Department of Political Science, University of Delhi,
- Mr. P.S. Bawa, Transparency International (India Chapter),
- Dr. George Mathews, Institute of Social Studies, New Delhi,
- Prof. P.K. Dutta, Department of Political Science, University of Delhi,
- Prof. Sreemati Chakravarti, Dept. of East Asian Studies, University of Delhi,
- Prof. G.P.Thakur, Fellow, Indian Association of Applied Psychology
- Prof. Anand P. Mavalankar, Department of Political Science, Faculty of Arts, University of Baroda, Vadodra
- Dr. Sanjay Bhardwaj, Centre for South Asian Studies, School of International Studies, Jawaharlal Nehru University, New Delhi.
- Dr. Pankaj Jha, Indian Council of World Affairs
- Professor Yogendra Yadav, Centre for the study of Developing Societies, New Delhi.
- Prof Rekha Saxena, Department of Political Science, University of Delhi.
- Prof Vivek Kumar, Centre for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi.
- Sri Kanwar Pal Singh Gill, (Ex IPS, Ex Director General of Police, Punjab) President, Institute of Conflict Management
- Prof Satish Deshpande, Department of Sociology, University of Delhi.

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National

Sl.No.	Title of Seminar	Coordinator	Year	Funding Agency
(i)	Politics, Leadership and Democracy	Dr. Shyam Kumar	10-11, March, 2013	ICSSR
(ii)	Constitutional Development and Nation Building in India	Dr. Shyam Kumar	27-28, October, 2013	ICSSR
(iii)	Human Rights: Issues and Challenges in 21 st Century	Dr. Shyam Kumar	29-30 March, 2015	UGC

b) International

Nil

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass Percentage*
			Male	Female	
2013-14	-	117	79	38	-
2014-15	-	140	98	42	-
2015-16	-	77	51	26	-

*Refer to Section 5.2.2

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from the other states	% of students from abroad
B.A. (Hons.) Political Science 1 st Year	58.44	38.96	1.6
B.A. (Hons.) Political Science 2 nd Year	45.71	54.29	0
B.A. (Hons.) Political Science 3 rd Year	50	50	0

28. How many students have cleared national and state competitive examinations such as NET,SLET,GATE, Civil services, Defense services, etc.

DATA not available

29. Student Progression

Student progression	Against % enrolled
UG to PG	20%
PG to M. Phil.	10% (approximately)
PG to Ph.D	7% (approximately)
Ph.D. to Post-Doctoral	-
Employed	-
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

a) Library-

The library is available at the college level. It is equipped with a collection of old and latest books on the subject. Relevant titles are recommended on a regular basis by the teachers of the department based on their own understanding and on students' demands. To meet the demands of the students, books are purchased or borrowed from other libraries (depending upon their availability in the market).

Year	Number of Books Purchased	Amount
2014-2015	146	92520.00
2013-2014	148	84082.00
2012-2013	177	72147.00
2011-2012	215	75000.00
2010-2011	176	78000.00

b)Internet facilities for Staff & Students-

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet. In addition to that, the college library has a portal room with computers having access to the internet and enabled with print out facility.

c) Class rooms with ICT facility-

Classrooms are fitted with projectors and screens. Laptops can be obtained from the college office.

d) Laboratories-
N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies-

- Four Students got awarded Dr. B B Sarkar Memorial award annually on the basis of their academic performance.
- Several students get fee concession every year.

32. Details on student enrichment programmes (special lectures/ workshops/ seminars) with external experts-

A) Seminars/Talks held by La Politiuqe & The Round Table throughout the sessions on relevant political and social issues;

Year	Special Lectures/ Workshops/ Seminars	Names of invitees: individuals/ organisations/ institutions
2010-11	Seminar on "The Obama Visit and Indo-American Relations"	Prof. Christopher S. Raj, School of International Studes, Jawaharlal Nehru University, Prof. Chintamani Mohapatra, School of International Studes, Jawaharlal Nehru University, and Prof Achin Vanaik, Department of Political Science, University of Delhi.
	Seminar on "Political Economy of Corruption in India"	Mr. P.S. Bawa, Transperancy International (India Chapter), Dr. George Mathews, Institute of Social Studies, New Delhi, and Prof. P.K. Dutta, Head of the Department of Political Science, University of Delhi.
2011-12	Seminar on "The Media and politics Today"	Anjana Kashyap, Anchor, Star News and Mr. Amarendra Kumar, Council for Educational Consortium
	Seminar on "India, China and Globalisation"	Prof. Sreemati Chakravarti, Dept. of East Asian Studies, and Mr. Ashutosh, IBN 7
	Special Lecture on "Management of Stress Free Life"	Prof. G.P.Thakur, Fellow, Indian Association of Applied Psychology (Organised in Collaboration with Centre for Advanced Research on Development and Change)
2012-13	Seminar on "Global Terrorism and India's Response"	Sri K.P.S. Gill, (Ex. IPS)
2013-14	Special Lecture on "Globality and the Problematic of Justice"	Prof. Anand P. Mavalankar, Department of Political Science, Faculty of Arts, University of Baroda, Vadodra
	Paper Presentation on "Constitution Making Process in Nepal"	Prof Rekha Saxena, Department of Political Science, University of Delhi.

	Paper Presentation on “Cast Dynamics and Nation building in India”	Prof Vivek Kumar, Centre for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi.
2014-15	Seminar on “Geo-politics & Geo-economics of India’s Foreign Policy”	Dr. Sanjay Bhardwaj, Centre for South Asian Studies, School of International Studies, Jawaharlal Nehru University, New Delhi.
	Seminar on “India’s Policy on Terrorism”	Dr. Pankaj Jha, Indian Council of World Affairs
	Seminar on “Reservations and Social Justice”	Prof. Yogendra Yadav, CSDS; Prof. Satish Deshpande, Department of Sociology, University of Delhi.

(B) Screening of politically & socio-economically relevant movies followed by interactive sessions;

(C) Regular trips to parliament and Rashtrapati Bhawan. Students were taken to group tours to the Parliament in 2013 and 2014. In the year 2015, two groups of students from the department of political science were taken to a visit to the Rashtrapati Bhawan on 9th of October, 2015 and 11th October, 2015.

33. Teaching methods adopted to improve student learning-

Lectures, Tutorials, Interactive classes, group discussions, debates, seminars, workshops, projects, extempore speeches on themes of contemporary relevance.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc.-

(a) The department is actively involved in Swachhh Bharat Abhiyan.

(b) Every year students from the department of political science join NCC and NSS in varying numbers.

35. a. SWOT (Strength, Weakness, Opportunity, Threat) analysis of the department- Strength-

Well qualified faculty; consensual decision making in the department; University rank holders among our students; good student– teacher relationship; 100 per cent of permanent faculty members are Ph.D holders.

Weakness

Unfilled faculty positions; Less opportunities of campus placement for students of political science.

Opportunities

Workshops and internships for the students.

Threats

Private universities with better infrastructure and smart classrooms.

b. Future plans -

- Holding more seminars and workshops on contemporary and relevant issues.
- Collaborating with institutions that can provide internships to our students.

Department of Sanskrit

1. Name of the Department/Teachers: Sanskrit

2. Year of Establishment : 1962

3. Names of the Programme offered:

B.A.(Hons.) Sanskrit

M.A. Sanskrit

4. Names of Interdisciplinary courses offered:

One Paper for all B.A (H) course of Humanities, Social Sciences, Science and Commerce

5. Annual/semester/choice based credit system (programme wise):

B.A (Honours) Semester Mode

B.A (Honours) FYUP

B.A (Honours) CBCS

6. Participation of the department in the courses offered by other Departments:

Offered optional Paper in all subjects of Humanities, Social Sciences, Science and Commerce like Applied, concurrent and Qualifying e.t.c

7. Courses in collaboration with other universities: Nil

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2011-12	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	5	1
Asst. Professor		4

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D / M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of Years Of	No. of Ph.D. Students guided for the last 4 years

					registered	submitted	awarded
Dr. Mayawati	Ph.D.,	Associate Prof.	Advaita Vedanta	37	2	--	--
Dr. Harish	Ph.D,	Assistant Prof.	Philosophy of Sanskrit Grammar	14	--	--	--
Dr. Subhash Kumar Singh	Ph.D	Assistant Prof.	Poetics	14	--	--	--
Dr. Haretee Lal Meena (Ad hoc)	Ph.D	Assistant Prof.	Indian Philosophy	02 year 7 Month	--	--	--
Dr. Jitender Kumar (Ad hoc)	Ph.D	Assistant Prof.	Grammar	02 Year 7 Month	--	--	--

11. List of senior visiting faculty:

Name	Designation	College
Prof. Krishan Lal	Ex. Head of Sanskrit Deptt	Arts Faculty
Prof. Avanindra Kumar	Ex. Head of Sanskrit Deptt	Arts Faculty
Prof. M.M. Agrawal	Ex. Head of Sanskrit Deptt.	Arts Faculty
Prof. Devendra Mishra	Ex. Head of Sanskrit Deptt.	Arts Faculty
Prof. Dipti Tripathi	Ex. Head of Sanskrit Deptt.	Arts Faculty
Dr. Kanshi Ram	Associate Professor	Hansraj College
Dr. Pravesh Saxena	Associate Professor	Zakir Hussain College
Dr. Om Nath Bimali	Associate Professor	Arts Faculty
Dr. Bhartendu Pandey	Associate Professor	Arts Faculty
Dr. Satya Murti	Associate Professor	Arts Faculty
Dr. Laxmeshwar Jha	Associate Professor	LBSRSV, Delhi
Dr. Punita Sharma	Associate Professor	Sri Venkateswar College
Dr. Pankaj Mishra	Associate Professor	St. Stephens
Dr. Chandra Bhushan Jha	Associate Professor	St. Stephens

Dr.ChandkiranSaluja	Associate Professor	C.I.E.
Dr. Jai Prakash	Assistant Professor	Rashtriya Sanskrit Sansthan
Dr. Vijay Garg	Assistant Professor	Hindu College
Dr. Sushil Kumar	Full Time Sanskrit Teacher	Sanskrit Bharati
Dr.Ajaykumar Mishra	Associate Professor	Rashtriya Sanskrit Sansthan,Delhi
Dr.AjaykumarJha	Associate Professor	Satyawati College

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty :

About 40% of the classes of B.A. (Honours) Sanskrit are taught by the Ad-hoc faculty.

13. Students-Teacher Ratio (programme wise) :

B.A. (Hons.) Sanskrit: 17:1;

14. Number of academic support staff (technical) and administrative staff: Nil

15. Qualifications of teaching faculty with D.Sc/D.Litt/ Ph.D/M.Phil/PG.

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
5	5	-	-

16 If any ongoing projects (agencies and grants received)

a) National - NIL –

b) International funding - NIL –

17. Departmental projects funded by DST – FIST; UGC, DBT,ICSSR, etc. and total grants received :

Nature of the Project	Duration of the project Year From To	Title of the project	Name of the Funding Agency	Total Grant		Total grant received till date	Equipment purchased
				Sanctioned	Received		
Major projects 1.Dr.Mayawati	1989-1992	•	U.G.C.		Rs. 30,000/-	Rs.30,000/-	---

18. If any Research Centre / facility recognized by the University developed by You:
Nil

19. Publications (Summary):

PUBLICATIONS	Number
Number of papers published in peer reviewed journal(national/international by faculty and students)	32
Number of publication listed in International database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Science Directory, EBSCO host, etc)	--
Monographs	--
Chapter in books	2
Books edited	1
Books with ISBN/ISSN number with details of publishers	1
Citation index	--
SNIP	--
SJR	--
Impact factor	--
h-index	--

Name	Number of papers	Number of publication listed in International	Monographs	Chapter in books	Books edited	Books with ISBN/ISSN number with details of
Dr. Mayawati	6	--	--	2	--	1
Dr. Harish	7	--	--	--	--	-
Dr.Subhash Kumar Singh	6	--	--	--	1	--
Dr. Haretee Lal Meena (Ad hoc)	6	--	--	--	--	--
Dr. Jitender Kumar (Ad hoc)	7	--	--	--	--	--

Publications (Details):

Papers

book 'Creation and Existence in Indian Tradition', Editor by ShashiTiwari, PratibhaPrakashan, Delhi, 2011, pp. 109-115.,ISBN-978-81-7702-253-7

20 Areas of a)consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any:

a) consultancy - Nil -

b) collaboration - Nil -

with industry/institution; at the individual or institutional level and the income generated therein, if any

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board: Nil

22. Student projects

c) Percentage of students who have done in-house projects including inter departmental/programme - NIL -

d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies - NIL -

23. Awards/ Recognitions received by faculty and students - NIL-

**24. List of eminent academicians and scientists / visitors to the department
Many Academician delivered lectures in our Department**

Name	Designation	College
Prof.KrishanLal	Ex. Head of SanskritDeptt	Arts Faculty
Prof. Avanindra Kumar	Ex. Head of SanskritDeptt	Arts Faculty
Prof. M.M. Agrawal	Ex.Head of Sanskrit Deptt.	Arts Faculty
Prof. Devendra Mishra	Ex. Head of Sanskrit Deptt.	Arts Faculty
Prof. Dipti Tripathi	Ex. Head of Sanskrit Deptt.	Arts Faculty
Dr. Kanshi Ram	Associate Professor	Hansraj College
Dr. PraveshSaxena	Associate Professor	ZakirHussain College
Dr. Om NathBimali	Associate Professor	Arts Faculty
Dr. Bhartendu Pandey	Associate Professor	Arts Faculty
Dr. SatyaMurti	Associate Professor	Arts Faculty
Dr.LaxmeshwarJha	Associate Professor	LBSRSV,Delhi

Dr. Punita Sharma	Associate Professor	Sri Venkateswar College
Dr. Pankaj Mishra	Associate Professor	St. Stephen's
Dr. Chandra BhushanJha	Associate Professor	St. Stephens
Dr.ChandkiranSaluja	Associate Professor	C.I.E.
Dr. Jai Prakash	Assistant Professor	Rashtriya Sanskrit Sansthan
Dr. Vijay Garg	Assistant Professor	Hindu College
Dr. Sushil Kumar	Full Time Sanskrit Teacher	Sanskrit Bharati
Dr.Ajaykumar Mishra	Associate Professor	Rashtriya Sanskrit Sansthan,Delhi
Dr.AjaykumarJha	Associate Professor	Satyawati College

**25 Seminars/ Conferences /Workshops organized & the source of funding
a) National b) International .**

For propagation and practice of Sanskrit Speaking, organized “Sanskrit Sambhashan Shivir” as In-charge of Sanskrit Parishad and Seminar and organized lectures of scholars, Inter-class/Inter-college debates, quiz and recitation competitions.

26. Student profile programme/course wise:Refer to Section 5.2.2

27. Diversity of Students: Year wise data to be recorded in future

Name of the Course	% of students from the same state	% of student from the other states	% of students from abroad
B.A.(Hons) Sanskrit	24	76

28 How many students have cleared national and state competitive examinations such as NET,SLET,GATE, Civil services, Defense services, etc.? No documentation

29. Student Progression:

Student progression	Against % enrolled
UG to PG	Approx. about 60%
PG to M. Phil.	Approx. about 30%
PG to Ph.D	Approx. about 05%
Ph.D. to Post-Doctoral	NIL
Employed	

<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	<ul style="list-style-type: none"> • Approx. about 05% • Approx. about 50%
Entrepreneurship/Self-employment	Approx. about 30%

30. Details of Infrastructural facilities:**a) Library**

Year	Number of Books added to relating to Sanskrit (College Library)	Amount Spent on New Books
2011-12	191	Rs.31,250/-
2012-13	195	Rs.37,487/-
2013-14	197	Rs.47,261/-
2014-15	223	Rs.34,837/-

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility: Yes**d) Laboratories : NIL****31. Number of students receiving financial assistance from college, university, government or other agencies:**

Year	Fee Concession	Scholarships
2011-12	-	About 20
2012-13	-	About 22
2013-14	-	About 25
2014-15	-	About 30

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

1. Organized a Sanskrit Seminar on 24.10.2013 on the Topic : Shabd-Vyapar-Vichar. Dr. Om Nath Bimali, Associate Professor, Sanskrit Department, Delhi University, Delhi, delivered the Lecture.
2. Organized a Sanskrit Seminar on 24.03.2014 on the Topic : Vedic Mathematics and Astronomy. Dr. Punita Sharma, Associate Professor, Sanskrit Department, Sri Venkateswar College, Delhi University, Delhi, delivered the Lecture.
3. Every year Sanskrit Department organises Sanskrit Sambhashan Shivir through Sanskrit Bharti for a period of 10 days, in which students learn simple Sanskrit Speaking.

33. Teaching methods adopted to improve student learning:

1. Classroom interaction for better understanding of the concepts and problem solving.
2. Usage of audio-visual aids to make teaching more interesting. Making teaching more interactive by initiating discussion with the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc. –

Active participation in several societies and competitions of the college like , Parivartan, NSS camps, NCC etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat)**Strength:**

- Highly dedicated faculty.
- Good intake of Students.
- Excellent university results

Weakness:

- Small department.
- Lack of permanent faculty.

Opportunity:

- To the faculty to interact and collaborate with other departments for research and project purpose.

b) Future plans

- We have plans to organize workshop/ seminars/ special lectures in collaboration with other colleges and institutes.
- Create a database of Alumni of the department and our need is more space for a computer center and departmental library to make them best students.
- We want to establish a media lab and a computer lab to train our students for a better career.

Department of Statistics

1. Name of the Department: Statistics

2. Year of Establishment:

1987 (combined with Department of Mathematics till 1994), 1994 onwards it was established as an independent department.

3. Names of the Programme offered:

B.Sc. (Honours) Statistics

4. Names of Inter-disciplinary courses offered	Departments involved
Nil	-

5. Annual/semester/choice based credit system (programme wise):

B.Sc. (Honours) Statistics Semester mode

B.Sc (Honours) Statistics FYUP

B.Sc. (Honours) Statistics CBCS

6. Participation of the department in the courses offered by other Departments:

Generic Elective paper is offered to the students of all departments

7. Courses in collaboration with other Universities: Nil.

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2010-11	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification

9. Number of Teaching posts	Sanctioned	Filled
Associate Professors	9	6
Assistant Professors		3

10. Name	Qualificati on	Specializati on	No. Years of	No. of Ph.D. Students guided for the last 4
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Ms. Savitri Sharma	M.Phil. M.A., B.A. (Maths.)	Statistical Inference (Nonparametric Inference)	33 years	Nil
Dr.(Ms.) Vandana Sarin Walia	Ph.D., M. Phil., M.A., B.A.(Mathematical Statistics)	Design of Experiments (Mixture Experiments)	26 years and 11 months	1:registered 1:awarded
Ms. Rashmi Goel	M. Phil., M.A., B.A. (Maths.)	Statistical Inference (Rank Order Statistics)	25 years and 11 months	Nil
Dr. (Ms.) Gopa Karmakar	Ph.D., M. Phil., M.A., B.A.(Mathematical Statistics)	Reliability (Decision Making using Fuzzy set theory)	25 years and 11 months	Nil
Dr. (Ms.) Alka Sabharwal	Ph.D., M. Phil., M.A., B.A.(Mathematical Statistics)	Bio Statistics	23 years and 11 months	3:registered
Mr. Shrawan Kumar	M. Phil., M.A., B.A.(Mathematical Statistics)	Statistical Inference	20 years	Nil
Dr. Surendra Kumar (Ad-hoc)	Ph.D., M.Phil., M.Sc., B.Sc.(Mathematics, Statistics, Economics)	Reliability Theory, Bayesian Analysis	4 years	Nil
Mr. Kunal Kapoor (Ad-hoc)	M. Phil., M.Sc., B.Sc.(Statistics)	Reliability and Life Testing	4 years	Nil
Dr. Ramprawesh Singh Gautam (Ad-hoc)	Ph.D., M.Sc., B.Sc.(Statistics)	Reliability	2 years and 7 months	Nil

11. List of senior visiting faculty:

Year	Special Lectures/ Seminars	Workshops/	Names of conducting individuals/ institutions	Names of conducting organisations/ institutions
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2011-12	Challenges in Higher Education in Statistics	Dr. Poonam Singh, Assoc. Prof., Department of Statistics, DU.
2012-13	Fun with Numbers	Mr. S.C.Gupta, Retired Faculty, Department of Statistics, Hindu College,DU.
2013-14	Population Census	Mr. Bhaskar Mishra, ISS
2014-15	Stochastic Processes and the Stock Market	Dr. Pankaj Sinha, Assoc. Prof., Faculty of Management Studies, DU.

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty:

About 25% of the classes of B.Sc. (Honours) Statistics are taught by the Ad-hoc faculty.

13. Students-Teacher Ratio (programme wise):

Student -Teacher ratio in the department is 15:1

14. Number of academic support staff (technical) staff: Nil

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D. /M.Phil. /PG.:

Faculty	Ph.D.	M.Phil.	M.A. /M.Sc.
Permanent	3	3	-
Ad-hoc	2	1	-

16. If any ongoing projects from a) National b) International funding agencies and grants received. Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nature of the Project	Project Name	Name of the funding agency	Total grant received
DU Innovation Project	‘Mapping the Spatial Topology of two sub-glacier basins of NW Himalayas for multi class change detection using MODIS, Landsat and IRS data’ PROJECT KMC 105.	DU	Rs. 10,00,000
DU Innovation Project	‘Public Funds and Private responsibilities: An analysis of Cash Transfers as a viable alternative to PDS’ PROJECT KMC-109.	DU	Rs. 10,00,000

18. If any Research Centre / facility recognized by the University developed by you: Nil

19. Publications (Summary):

Name	Papers Publications:		Books Published	Chapters in books	Monographs
	International	National			
Dr. Vandana Sarin Walia	7	-	-	-	-
Dr. Gopa Karmakar	3	2	-	-	-
Dr. Alka Sabharwal	6	3	-	-	-
Dr. Surendra Kumar	2	1	-	-	-
Dr. Ram Pravesh Singh Gautam	2	3	-	-	-

Publications (Details):

Dr. Vandana Sarin Walia

List of Publications:

1. Aggarwal, M. L., Gupta, Sudhir and Sarin, V.(1996), 'Use of Asymmetrical factorials for generating designs for quadratic mixture models', *Statistics and Probability Letters*, Vol. 27, 275-279.
2. Aggarwal, M. L., Sarin, V. and Singh, P.(2002), 'Optimal orthogonal block designs in two blocks for Becker's mixture models in three and four components', *Statistics and Probability Letters*, 59, 385-396.
3. Aggarwal, M. L., Singh, P., Sarin, V. and Husain, B.(2008), 'Optimal orthogonal designs in two blocks based on F- Squares for Darroch and Waller's quadratic mixture model in four components', *Statistics and Applications*, 6, Nos. 1 & 2 (New Series), 257-274.
4. Aggarwal, M. L., Singh, P., Sarin, V. and Husain, B.(2009 a), 'Mixture designs in orthogonal blocks using F- Squares', *METRON- International Journal of Statistics*, Vol. LXVII., n. 2, 6, 105-128.
5. Aggarwal, M. L., Singh, P., Sarin, V. and Husain, B.(2011), 'Nearly optimal orthogonally blocked, *Communications in Statistics- Simulation and Computation* 40: 1, 177-195.
6. Aggarwal, M. L., Singh, P., Sarin, V. and Husain, B.(2012), 'Orthogonally blocked mixture component-amount designs via projections of F-Squares', *JKSS*, 41, 49-60.
7. Aggarwal, M. L., Singh, P., Sarin, V. and Husain, B.(2013), 'Optimal orthogonal designs in for four mixture components in two blocks based on F- Squares for Becker's models and K-model', *Statistics*, Vol 47 No. 5, 1003-1021.

Dr. Gopa Karmakar

List of Publications:

1. Kumar, A. and Karmakar, G. (1998), 'Optimal System Selection in Fuzzy Environment', International Journal of System Science, 29 No.6,609-616.
2. Kumar, A. and Karmakar, G. (2001), 'Aggregation of Opinions using Fuzzy Numbers', International. Journal of System Science,32,No. 12,1399-1411.
3. Kumar, A. and Karmakar, G. (2001), 'Aggregation of Opinions for System Selection under Fuzzy Environment', Recent Development in Operational Research, ((eds) Agarwal, M. and Sen Kanwar) Narosa Publishing House, New Delhi, India,197-214.
4. Kumar, A. and Karmakar, G. (2003), 'Optimal System Selection using Fuzzy Numbers', International Journal of Management and Systems,19,No.3,251-264.
5. Kumar, A. and Karmakar, G. (2004), 'Fault Detection in Systems- A Fuzzy Approach', Defence, Science Journal, 54, No. 2 ,189-198.

Dr. Alka Sabharwal

List of Publications:

1. Grover G., Gadpayle A. K., Alka Sabharwal (2010), 'Identifying Patients With Diabetic Nephropathy Based On Serum Creatinine Under Zero Truncated Model', EJASA, Electron. J.App. Stat. Anal. Vol. 3, 28 – 43
2. Grover G. and Alka Sabharwal (2012), 'A Parametric Approach to Estimate Survival Time of Diabetic Nephropathy with Left Truncated and Right Censored Data', International Journal of Statistics and Probability Vol.1, No. 1
3. Grover G., Gadpayle A. K., Alka Sabharwal (2012), 'Identifying patients with diabetic Nephropathy based on serum creatinine in the presence of covariates in type-2 diabetes: A retrospective study', Biomedical Research India; 23 (4): 615-625.
4. Grover G., Alka Sabharwal and Juhi Mittal (2013), 'A Bayesian Approach for Estimating Onset Time of Nephropathy for Type 2 Diabetic Patients Under Various Health Conditions', International Journal of Statistics and Probability, Vol. 2, No. 2.
5. Grover G., Alka Sabharwal and Juhi Mittal(2013), 'An Application of Gamma Generalized Linear Model for Estimation of Survival Function of Diabetic Nephropathy Patients', International Journal of Statistics in Medical Research, 2, 209-219.
6. Grover G., Alka Sabharwal and Juhi Mittal(2014), 'Application of Multivariate and Bivariate Normal Distributions to Estimate Duration of Diabetes', International Journal of Statistics and Applications; 4(1).
7. Grover G., Alka Sabharwal and Juhi Mittal (2014), 'Estimation of Survival Function and Probability of Onset of Diabetic Nephropathy using Path Analysis and Analysis of Covariance', International Refereed Journal of Engineering and Science (IRJES), 2319-1821, Volume 3, Issue 4, 50-58.
8. Grover G., Alka Sabharwal and Sakshi Kaushik (2015), "Estimating Length of Stay And Duration of illness for Psychiatric Inpatient using Multivariate Modeling"; Accepted in American Journal of Mathematics and Statistics.
9. Mamta Sareen and Alka Sabharwal, Alternate Psychological Therapies to treat children with disturbing behavior and mental illness, A case study (2015) IRJES ISSN (online) 2319-183X, Print 2319-1821 Vol 4, Issue 11, PP, 20-25

Dr. Surendra Kumar

List of Publications:

1. Surendra Kumar, K.K. Sharma and Bhupendra Singh (2013), 'Robust Analysis of a Normal Lifetime Model in View of Prior Variations', Int. J. Agricultural. Stat. Sci., Vol. 9(2), pp. 449- 456.
2. Surendra Kumar, K.K. Sharma and Bhupendra Singh (2012), 'Analysing reliability bounds, using continuous and discrete distributions with prior variations', in Proceedings 'Emerging Applications of Bayesian Statistics and Stochastic Modelling', Pub. DST-CIMS, pp. 36-46.
3. Surendra Kumar, K.K. Sharma and Bhupendra Singh (2010), 'Classical Static System Reliability and Adjusted Static System Reliability with Prior & Posterior Variations', Vol. 3 (1) of JRSS, p. 63-73.

Dr. Ramprawesh Singh Gautam**List of Publications:**

1. Sanjeev K. Tomer, and Ramprawesh Singh Gautam (2013), 'Bayesian Estimation for three parameters Weibull Distribution under Asymmetric loss function using Progressive Type-II Censored data', Journal of Scientific Research, 57, 120-137.
2. Sanjeev K. Tomer, Ramprawesh Singh Gautam etc. (2014), 'Bayesian Estimation for the Generalized Rayleigh Distribution under Type-I Progressive Hybrid Censoring Scheme, Research and revive', Journal of Statistics-special issue on recent Statistical methodologies and application, vol. 2, 84-93.
3. Sanjeev K. Tomer, and Ramprawesh Singh Gautam (2012), 'Bayesian Estimation of Parameters and reliability for progressive type-II censored data using Lindley's approximation', Journal of Rajasthan Statistical Association, 1, 68-76.
4. Sanjeev K. Tomer, and Ramprawesh Singh Gautam (2012), 'Bayesian Reliability Estimation for Exponentiated Weibull Distribution under Type-I Progressive Hybrid Censoring Scheme, in the proceeding 'Emerging application of Bayesian Statistics and Stochastic modeling', 25-35.
5. Ramprawesh Singh Gautam and Sanjeev K. Tomer (2013), 'Estimation of Reliability Measure for a family of lifetime distribution under Progressive Hybrid Type-I Censoring Sample', in National Seminar on New Dimension in Statistics held on March 02-04, 2012, Department of Statistics, BHU, Varanasi-221 005. (Accepted for Publication)

20. Areas of a) consultancy, b) collaboration, with industry/institution; at the individual or institutional level and the income generated therein, if any:

Name of the Faculty	Area	Year	Income
Dr. Vandana Sarin Walia	1. Visiting Faculty to the Department of Statistics, DU	1989-94	Nil
	2. Assisted in the data analysis for submission of Thesis titled 'A comparative study of quality of life, coping, social functioning and marital satisfaction in patients with depression and their Spouses' by Dr. Shruti (LHMC) for Degree of Doctor of Medicine.	2014	Nil

Dr. Alka Sabharwal	Collaboration with staff and M.D students of Department of Child and Adolescent Psychiatry of psychiatry and Deaddiction services of LHMC and Smt. Sucheta Kriplani Hospital.	2006-10	Nil
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21. Faculty as members in a) National committees, b) International Committees, c) Editorial Board: Nil

22.Student projects:	Percentage of Students
In-house projects including inter departmental/programme	100%
Projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies	20%

Name of the Faculty	Students Projects Mentored	Year
Dr. Vandana Sarin Walia	'Mapping the Spatial Topology of two sub- glacier basins of NW Himalayas for multi class change detection using MODIS, Landsat and IRS data' PROJECT KMC- 105. DU Innovation Project	2012-13
Dr. Gopa Karmakar	'Public Funds and Private responsibilities: An analysis of Cash Transfers as a viable alternative to PDS' PROJECT KMC-109. DU Innovation Project.	2012-13

23. (a) Awards/ Recognitions received by faculty: Nil

(b) Awards/ Recognitions received by students:

Name of the Student	Award	Year
Divyansh Sarogi	Secured 1 st position in Delhi University	2009-10
Anshika Bhatnagar	Secured 1 st position in Delhi University	2010-11
Srishti Jain	Secured 1 st position in Delhi University	2011-12
Mayank Jain	Secured 1 st position in Delhi University	2012-13
Sanchi Agarwal	Secured 1 st position in Delhi University	2013-14

24. List of eminent academicians and scientists / visitors to the department: as per point 32.

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National: as per point 32.

b) International: Nil

26. Student profile programme/course wise:

Name of the Course: B.Sc.(Hons) Statistics	Applications received	Selected	Enrolled		Pass Percent age**
			*M	*F	
2011-12	-	90	43	47	-
2012-13	-	54	30	24	-
2013-14	-	42	29	13	-
2014-15	-	113	61	52	-

*M = Male *F = Female

** Refer to Section 5.2.2

27. Diversity of Students

Name of the Course: B.Sc.(Hons) Statistics	% of students from the same state	% of students from the other states	% of students from abroad
2011-12	66%	34%	Nil
2012-13	70%	30%	Nil
2013-14	71%	29%	Nil
2014-15	73%	27%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Approximately 10-15 have cleared national and State competitive examinations, in the last 4 years. (Year wise data will be recorded in future.)

29. Student Progression

Student progression	Against % enrolled (last 4 years)
UG to PG: 2011-12	6
2012-13	7
2013-14	12
2014-15	-
PG to M. Phil.	5 (Year wise data to be recorded in future)
PG to Ph.D.	2 (Year wise data to be recorded in future)

Ph.D. to Post-Doctoral	-
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	10 (Year wise data to be recorded in future) 20 (Year wise data to be recorded in future)
Entrepreneurship/Self-employment	3 (Year wise data to be recorded in future)

Some of the distinguished Alumni of Department of Statistics:

Name	Year of Graduation	Designation	Organization	Industry
Arvind Ruggoo	1990	Associate Professor	University of Mauritius	Education
Neena Mital	1990	Associate Professor	Ram Lal Anand College, Delhi University	Education
Manoj Kumar	1990	Director	BSC Publishing Co.Pvt Ltd, Shanti Niketam Buildtech pvt ltd	Media
Rajesh Kaushik	1990	Director - Supply Chain	Baxter	Health & Wellness
Jitendra Bissessur	1990	Head-Economic Research	Bank of Mauritius	Bank
Seema Joshi	1990	Assoc. Professor.	RLA college , Delhi University	Education
Alok Kumar	1993	Business Analytics Solution Architect	IBM	Information Technology
Vinay Kumar	1996	Vice President, Data Solutions & Analytics	iQor	Other
Saipriya Sarangan	1997	Expert	McKinsey & Company	Management Consulting
Manish Kumar	1998	Director	Nagarro	Information Technology
Anupam Anand	1998	Scientist	TBRL	Research
Alok Kumar	1998	Vice President	RBS	Capital Markets & Brokerage
Sri Susmit	2001	Assistant Director	Ministry of Statistics & PI	Other
Ayan Sen	2002	Senior Manager	Pepper and Rogers Group	Analytics

Shalini B	2003	Digital Reporting Specialist	Grizzard	Non-profit
Sundaram Kumar	2003	Deputy Director	Government of India	Civil Service
Shashi Shekhar	2003	Regional Manager	Bharti AXA General Insurance Co Ltd	Insurance
Sneha Bhaskar	2003	Functional and Industry specialist - Manager	Accenture Digital	Management Consulting
Bhaskar Roy	2003	Senior Manager	Accenture	Management Consulting
Samir Saurav	2003	Vice President	Genpact - Banking & Financial services - European lead for Risk Practice	Financial Consulting
Sanahirenbha Patsangbam	2005	Deputy Manager - HR	YKK India Pvt Ltd	Human Resources
Bhaskar Anand	2006	SENIOR MANAGER	PUNJAB NATIONAL BANK	Commercial Banking
Satyajit Karmakar	2006	Manager	HSBC	Private Banking
Abhinaba Chatterjee	2007	Deputy Manager	Cyient Limited	Management Consulting
Shekhar Kumar	2007	Assistant commissioner	Department of revenue	Govt.
Deepika Ghai	2007	Associate	Royal Bank of Scotland	Commercial Banking
Surbhi Minocha	2007	Director, Marketing Sciences Group	IMRB International	Research
Abhinav Kalra	2008	Senior Manager	Yes Bank	Capital Markets & Brokerage
Divya Chauhan	2008	Assistant Director	M/O Statistics & Programme Implementation	Civil Service
Srishti Jain	2012	Senior Business Analyst	EXL Decision Analytics	Other
Urvashi Arora	2012	Analyst	Ameriprise Financial India	Financial Consulting
Raiyan Wasi	2012	Manager	HT Media	Media
Siddhartha S	2013	Analytics Specialist	McKinsey Knowledge Center India Pvt Ltd	Management Consulting

30. Details of Infrastructural facilities

a) Library

Year	Number of Books added to relating to Statistics (College Library)	Amount Spent on New Books
2011-12	63	Rs.37,500/-
2012-13	134	Rs.73,769/-
2013-14	95	Rs.73,676/-
2014-15	75	Rs.82,802/-

b) Internet facilities for Staff & Students:

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility:

The Statistics Laboratory is equipped with LCD Projectors to facilitate presentations and aid teaching- learning process.

d) Laboratories

The Statistics Laboratory is well equipped with adequate number of calculators, Books and Statistical Tables for conduct of practical classes. Besides, an access to the Centralized Computer Laboratory the Staff and Students of the department can avail of the Computer facilities, available in Statistics Laboratory, for department related work.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Year	Fee Concession	Scholarships
2011-12	1	-
2012-13	1	2
2013-14	2	-
2014-15	10	-

32. Details on student enrichment programmes:

Year	Special Lectures/ Workshops/ Seminars	Names of conducting individuals/ organisations/ institutions
2011-12	Challenges in Higher Education in Statistics	Dr. Poonam Singh, Assoc. Prof., Department of Statistics, DU.
2012-13	Fun with Numbers	Mr. S.C.Gupta, Retired Faculty, Department of Statistics, Hindu College,DU.
2013-14	Population Census	Mr. Bhaskar Mishra, ISS
2014-15	Stochastic Processes and the Stock Market	Dr. Pankaj Sinha, Assoc. Prof., Faculty of Management Studies, DU.

33. Teaching methods adopted to improve student learning:

- Classroom interaction for better understanding of the concepts and problem solving.
- Use of projectors for teaching theory and practical problems and for students to deliver presentations as part of their curriculum.
- Students are given projects of topics concerning the subject so as to increase their understanding of subject.
- Use of case studies so as to give them a view of related theoretical knowledge with its Application in industry and real domain.
- Use of software platform in the form of programmes or available computer packages to analyze and interpret data.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities such as NCC/NSS/Social awareness programmes etc.

Active participation in several societies of the college like Gender Sensitizing Committee, Parivartan, NSS camps etc.

35. a) SWOT (Strength, Weakness, Opportunity, Threat)**Strength:**

- Highly dedicated faculty.
- Good intake of Students.
- Excellent university results.
- Good Laboratory facilities.
- Alumni support for offering internship to the current students.

Opportunity:

- To the faculty to interact and collaborate with the other departments for research and project purpose.
- To offer short term courses in use of Statistical analysis in research and use of Statistical computer Packages.

Weakness:

- Small department.
- Lack of permanent faculty.

Threat:

- The under graduate course in Statistics requires a rigorous understanding of the fundamentals of the subject. The Semester mode does not allow such in depth understanding.
- Competitive institutes offering coaching in lucrative fields like Actuarial Statistics.

b) Future plans:

- Introduce Masters Programme in Statistics.
- Introduce short term courses in use of Statistical analysis in research and use of Statistical computer Packages.
- Create a research center with collaboration with other disciplines and institutions.

- We have plans to organize workshop/ seminars/ special lectures in collaboration with other colleges and institutes.
- Create a database of Alumni of the department.

Department of Urdu

1. Name of the Department/Teachers: Urdu

2. Year of Establishment: 1957

3. Names of the Programmes offered:

B.A. (Hons) Urdu
M.A. in Urdu

4. Names of Interdisciplinary courses and the departments/units involved:

One Paper to all B.A (H) course of Humanities, Social Sciences, Science and Commerce

5. Annual/semester/choice based credit system (programme wise):

B. A Hons (Urdu) Semester
B. A. Hons (Urdu) CBCS
B. A. Hons (Urdu) FYUP
B.A. (Programme) Semester mode

6. Participation of the department in the courses offered by other departments:

Name of Inter-disciplinary courses offered	Department involved
B. A. Prog.	Pol. science, History, Hindi, English

7. Courses in collaboration with other universities, industries, foreign Institutions, etc:
Nil

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued in 2011-12	Delhi University notification
Three year Semester Programme was discontinued in 2013-14	Delhi University notification
FYUP was discontinued in 2014-15	Delhi University notification

9. Number of teaching posts:

	Sanctioned	Filled
Associate Professors	05	01
Asst. Professor		04

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D / M.Phil.etc.)

Name	Qualification	Designation	Specialization	No. of Years	No. of Ph.D. Students guided for the last 4 years
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					Registered	submitted	awarded
Khalid Ashraf	Ph.D	Associate Professor	Urdu fiction	19	03	-	-
Dr. Md. Yahya	Ph.D.	Assistant Professor	Classical Poetry*	09	-	-	-
Dr. Md. Mohsin	Ph.D.	Assistant Professor	Iqbaliat	09	02	-	-
Dr. Mujeeb Ahmad Khan	Ph.D.	Assistant Professor	Fiction	03	-	-	-
Dr. Mohd. Imteyaz Alam (Ad-hoc)	Ph.D	Assistant Professor	Tanz o Mizah	00 years 05 months	-	-	-

*Verse comprising couplets this as verse genre used for narrative poetry

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: About 20%

13. Students-Teacher Ratio (programme wise)

B.A. (H) Urdu: 26: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc/D.Litt/ Ph.D/M.Phil/PG/PhD:

Faculty	Ph.D.
Permanent	4
Ad-hoc	1

16. If any

ongoing projects from funding agencies and grants received: a) National b) International: Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total Grants received: No

18. If any Research Centre / facility recognized by the University developed by you. NIL

19. Publications:

PUBLICATIONS	Number
Number of papers/ articles published in journal(national/international by faculty and students)	99
Number of publication listed in International database (For eg. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Science Directory, EBSCO host, etc)	Nil

Monographs	3
Chapter in books	1
Books edited	6
Books with ISBN/ISSN number with details of publishers	18
Citation index	-
SNIP	-
SJR	-
Impact factor	-
h-index	-

Name	Number of papers	Monographs	Chapter in books	Books edited	Books with ISBN/ISSN number with details of publishers
Dr Khalid Ashraf	67	2	-	-	5
Dr. Md. Mohsin	1	-	1	2	-
Dr. Mujeeb Ahmad Khan	31	1	-	4	8
Dr. Mohd. Imteyaz Alam	-	-	-	-	5

Publications (Detail):

Dr. Khalid Ashraf

Articles & Reviews

1. Usmania Anuvad Shala (Hindi) (Anuvad Quarterly. Vol.20, Issue3) New Delhi,1985.
2. Urdu Kavye Anuvad (Anuvad Quarterly Vol. 20, Issue 4) New Delhi,1985.
3. Shaire-Ishq-O-Aasthi (Tawazun, Issue 15-16), Malegaon,1988.
4. Yama, Shahid-e-Rana Aur Umaro Jan Ada (Aiwan-E-Urdu), New Delhi, August 1990
5. Iqbal Ki Shairi Mein Paikar Tarashi (Review) Qaumi Aawaz, New Delhi, 6 Febuary 1990.
6. Shakhar Ya Agyey-Ek-Zindigi(Aiwan-E-Urdu),New Delhi,January 1993.
7. Bartanvi Mustashraqueen Aur Tarikh-E-Adab-E-Urdu (Review) (Aiwan-E-Urdu,New Delhi) January,1994.
8. Arbabe-Nishat Aur Urdu Novel (Urdu Adab Ko Khawateen Ki Dain) Book Published By Urdu Academy,Delhi,1994.
9. Chandni Begum. (Aiwan-E-Urdu, Delhi) March,1995
10. Urdu Theatre-Kal Aur(Review)Qaumi Aawaz, Delhi 12th Nov 1995.
11. Tanqeedi Mubahis(Review)(Aiwan-E-Urdu) New Delhi, November 1995.
12. Krishan Chander Ki Afsana Nigari(Review) Naya Safar, Delhi, Issue 4, 1995.
13. Shahar Aashob:Ek Tajziya (Review) Aiwane-E-Urdu, Delhi, November,1995.
14. Aaj Ke Zamane Mein Marxwad Ka Mahatv(Tr. Hindi) Prakashan Sansthan, New Delhi, 1996.
15. Sheriyat-E-Bal-Jibral(Review) Qaumi Aawaz, Delhi, 6 August 1996.

16. Uzbekistan:Inqalab Se Inqalab Tak (Review) Aajkal, New Delhi, April, 1997.
17. Shaire-Azam(Review)Aajkal, New Delhi, April, 1997.
18. Barhti Hui Hararat. Monthly Umang, New Delhi, January, 1998.
19. Range-Sada(Review) Aiwane-Urdu, New Delhi, May, 1998.
20. Tanqeed-O-Tabeer(Review) Aajkal, New Delhi, July, 1998.
21. Urdu-Khutoot Nigari(Review) Aajkal, New Delhi, July, 1998.
22. Jadeed Urdu Afsana (Review) Aajkal, Delhi, July 1998
23. Hatim Taai- Saat Sawal. Monthly Umang. New Delhi. July-August 1998.
24. Brahmanvad Ke Khilaf (Tr, Hindi) Udbhavna, New Delhi. Issue 50, 1998.
25. Be-Sahil Dariya (Review) Aajkal, New Delhi, Feb. 1998.
26. Qamar Rais:Ek Zindigi (Review) Aajkal, New Delhi, February, 1998.
27. Sam-Kaleen Urdu Kahani(Tr.Hindi) Kathadesh, New Delhi, Jan- Feb, 1999.
28. Tareekh Ke Jharoke Sey. Monthly Umang, New Delhi, August 1999.
29. Classikayat Aur Jaddiyat (Review) Hamari Zaban, New Delhi, 7 January, 2000.
30. Ek Aqalmand Badshah:Umang, New Delhi, July 2000.
31. Khawaja Ahmed Farooqi (Review) Aiwan-E-Urdu, New Delhi, November, 2000
32. Bachchon Ki Halat: Umang, New Delhi, November, 2000.
33. Hindustani Urdu Novel Ki Nisf Sadi, Aqdaar Quarterly , New Delhi, March 2001
34. Iqbal Majeed Ki Fikri Kayenat: Naya Safar, Allahabad, June 2002
35. Sukhan-E-Dilnawaz: Bazyaft, Srinagar, 2002
36. Ghalib Par Char Tahreeren (Review) Aiwan-E-Urdu, Delhi, June 2002
37. Biswin Sadi Ki Uzbek Shairi (Review) Aiwan-E-Urdu, New Delhi, Nov. 2001
38. Simatti Dhoop (Review) Aiwan-E-Urdu, New Delhi, December 2002
39. Jahangir Ka Hindostan , Umang, New Delhi, December 2002\
40. Zara-E-Tarseel Aur Aazadie- Izhar, Aiwan-E-Urdu, Delhi, March 2003
41. Beeswni Sadi Mein Urdu Ghazal(Review) Aiwan-E-Urdu, Delhi, July 2003
42. Lahore Ka Tazkirah: Umang, Delhi, February 2004.
43. Aqwame-Muttahida: Umang, Delhi, June 2004
44. Pakistani Novel Main Ehtajaj-O-Mazahmat Key Rawaiye (Article in Urdu Adab Mein
45. Ehtajaj-O-Mazahmat, Book Published by Urdu Academy , Delhi, 2004
46. Istalahate –e-Naqdo Adab (Review) Aiwane -Urdu, Delhi, June 2005.
47. Shame-Nauroz:Fikr aur jamal ka imtezaj, Aajkal , New Delhi Feb 2006
48. Vidya sagar Anand (Review): Aiwane-Urdu, Delhi, December 2005.
49. Zara Muskuraiye (review): Aiwane-urdu, Delhi, April 2006
50. Akbar ke Nauratan: Umang , Delhi , April 20
51. “ Prem Chand Ka Zehni Safar” (Article) “Fikro-Tehqeeq” Quarterly, New Delhi, July-Sept, 2006.
52. “ Qazi Abdul Sattar Ke Novel: Jagirdari Se Tarekj Tak” (Article) included in “ Nazre Qazi Abdul Sattar”. Delhi; 2006.
53. “Zameen Par Jannat” (Article): Umang Monthly, Delhi. November 2006.
54. Manto Ki Takhleeqat Ki Tadad Ka Taayyun” Fikro-Tehqeeq” Quarterly. New Delhi; Jan-March, 2007
55. Mabade -Jadidiyat Aur Premchand (review) Aiwane-Urdu, Delhi ; June 2007
56. Adab ki Samajiyat (Reveiw) Aaj kal, Delhi, Oct. 2008
57. Papyrus (Review) Aiwane-Urdu, Delhi, Dec. 2007
58. Ghalib ke Muntakhib Farsi Khatoot, Aiwane-Urdu, Delhi, March, 2008.
59. Janaze ka Julooos(Tr. From Hindi) Aiwane-Urdu, Delhi, April, 2008.
60. Traqqi Pasand Tehreek Aur Urdu Novel (Review) Aiwane-Urdu, Delhi, June 2008.
61. Jadeedyat Aur Uske Baad’ by SR Faruqi. (Review) Aiwane-Urdu, Delhi, November 2009

62. 'Khula Darwaza' by WA Shaheen (Review) Aiwane-Urdu , Delhi. April 2010
63. Article " Kajkulah Zindani » on Faiz Ahmad Faiz. Monthly AAJKAL February 2011.
64. Review on ' Kahat Kabir Suno Bhai Sadhu by Prof. Mujib Rizvi, Monthly Aiwane Urdu, Delhi February 2011.
65. Article " Tarqqi Pasando Ka Aawara Shaheed" . Monthly AAJKAL, New Delhi, October 2011.
66. Review on "Rohelkhand Mein Lok Geet" by Dr. Rashid Azeez, Monthly Aiwane-Urdu. October 2011.
67. Article " Qamar Rais Aur Taraqqi Pasand Tanqeed" Aiwane-Urdu, Delhi. November, 2011

Books:

- 1 Azmi Dehlvi: Hayat-o-Novel Nigari: An Independent Critical study of 19th Century Urdu Novelist Qari Sarfaraz Hussain 1987, published with the Financial Assistance from Urdu Academy, Delhi.
- 2 Barre-Saghir Mein Urdu Novel: A Critical Study of Indian, Pakistani and Bangladesh Urdu Novels published in post independence period, 1994 published with financial assistance from Urdu Academy, Delhi. Second edition published in 1994. Third edition published in Pakistan, 2005.
- 3 Hamare Tehoar, 1998, National Book Trust, Delhi, India.
- 4 Fasaney Manto Ke Aur Phir Bayan Apna: A critical study of life and analysis of 30 short stories of S.H.Manto 2006 . Published with financial assistance from NCPUL, New Delhi.
5. Barre-Saghir Mein Urdu Afsana (2 Vol.) An Anthology of Urdu Short Stories from Premchand till date. Published with financial assistance from NCPUL, 2011

Monograph

1. Mirza Ghalib Ke Urdu Khutoot: A monograph submitted to Urdu Academy. 2007, Delhi.
2. Khwaja Ahmed Abbas [Monograph]—Sahitya Academy New Delhi—Year 2013

Dr. Md. Yahya:

Publication Urdu Journals:

1. Edited following issues of one (online and print publication) literary journal in Urdu namely Urdu Scholars Scholars Ki Duniya - International Refereed Journal having ISSN: 2320-5369 EISSN: 2320-8910, Impact Factor: **GIF = 0.365**, View Journal <http://scholarsworld.net/urdu/> January, July, November, 2013, January, April, July, October 2014 & April 2015.
2. Edited one (online and print publication) literary journal in Urdu namely Urdu Scholars Scholars Ki Duniya - International Refereed Journal having ISSN: 2320-5369 EISSN: 2320-8910, Impact Factor: **GIF = 0.365**, View Journal <http://scholarsworld.net/urdu/> March, June, October 2013, February, May, August and November 2014 & May 2015. List of work experience as Chief Editor of one (online and print publication) literary journal in English namely Scholars World - International Refereed Multidisciplinary Journal of Contemporary Research having, ISSN: 2319-5789 EISSN: 2320-3145, Impact Factor: SJIF = 3.552 | UIF = 1.2242 | IIFS = 0.654 | GIF 2013 = 0.311, View Journal <http://www.scholarsworld.net/english/>

Dr. Md. Mohsin:

Article

Taran-e-Hindi ek mutala ,2015,urdu scholars ki Dunia, international Refreed Journal for Urdu ISSN 23205369, EISSN 2320-8910, (VOL III, ISSUE I)

Books

1. Iqbal ke Sheri Mahasin, 2013 ISBN - 93-81029-70-9, Arshia Publications, Delhi
2. Fikre Iqbal ki Jehaat, 2013 ISBN - 93-81029-90-3, Arshia Publications, Delhi

Chapter in Books

1. Chapter entitled: Sheriyate Azad, in the book Maulana Abul Kalam Azad: Afkar-O-Asaleeb by Prof. Abdul Haque 2003.

Dr. Mujeeb Ahmad Khan

Articles

1. Hijab ImtiazAli :EkTaaruf (I & II). Published in JadeedInDinon (Newspaper) New Delhi, dated 23rd& 30th Dec. 1996 and in AftabJadeed (Newspaper) Bhopal, 4th Oct.1997.
2. Hijab Imtiaz Ali KhatoonRoomaniAfsanaNigar, 4 pages, KitabNuma, Page No. 59, New Delhi, July 1999.
3. QurratulainHyder: Chand Tassurat, 6 pages, Jamna Tat, Page No. 10, Haryana Urdu Academy, Haryana.
4. QurratulainHyder Ki KhakaNigari, 12 pages, Parwaz-e-Adab, Page No. 28, Urdu BhashaVibhag Punjab, Patiala, Punjab, July-August 2003.
5. EkGumnamShayer – MazharulQayoomMazhar, 3 pages, Mahphil-e-Sanam, Vol. No.6, Shumarah No.11, Page No.19, Delhi, Jan.2004.
6. Majrooh: ShakhsAurShayar, 11 pages,Farogh-e-Adab, Page No.20, Bhubneshwer, Orisa, Jan-March 2005.
7. Urdu Afsana: Secularism AurSamaj, 4 pages, Conference Gazzett, Aligarh, Shumarah-8, Vol.-6, Page No.5, August 2007.
8. EkAhadSaazShakhsiyet: QurratulainHyder, 9 pages, KitabNuam (Special Number), Page No.119, New Delhi, Oct. 2007.
9. Tassurat-e-QurratulainHyder (Special Number), 2 pages, Quarterly ‘Roshnaie’ Karachi, Shumarah-34, Vol.9, Page No. 438, NasriDaira-e-Pakistan, Karachi, July-Sept., 2008.
10. Diwan-e-HatimEkMutala 12 pages, Fikr-o-Tahqeeq Quarterly, NCPUL,vol.XV, Issue-4, Page No.104, Oct. Nov. Dec. 2012, New Delhi.ISSN: 2249-0647
11. Dr. Shareef Ahmad: Chand Yadein Chand Batein, 2 pages, Pesh Raft, Page No. 41, Nov-Dec 2012.
12. KhanaJangi; AekMutala, Dabistan-e-Ilm-O-Adab (Magazine Half Yearly) Page No.- 37, Shumarah-2,Published by DarulAdab Publications, FarashGund, Budgam, Kahmir-191111, January to Juner 2015.ISSN: 2394-7934

13. WohIntezarThaJiskaYehWohSaharToNahin (Jamhooriyat Number, (Front Page of Newspaper). JadeedInDinon, New Delhi. 26th Jan. 1997.
14. Congress Ki AndrooniChashmak Punjab Mein FirqaParastonKoBarsareIqtedar La SaktiHai (Front Page of News Paper). JadeedInDinon, New Delhi. 7th Feb. 1997.
15. Hindustan KeLiyeNeucliyaiTajarbeBehadZaroori. JadeedInDinon (Editorial Page, Newspaper), New Delhi, 25th May 1998. And QaumiAwaz (Newspaper), New Delhi, 28th May 1998.
16. America KeDohreyMeyaratAakhirKabtak. Rastriya Sahara (Newspaper), Delhi,28th Oct. 2001.
17. Maujoodah Hindustani Siyasat Mein Sonia Gandhi Ki Ahmiyet. QaumiAwaz (Editorial Page, Newspaper), New Delhi, 24th June 2004.
18. TanqeedAurWazirAagha Ki Tanqeed, Aiwan-e-Urdu (Monthly Magazine), Delhi, Sep. 2010.
19. Taleem Ki NafsiyatiAsas, Urdu Duniya (Monthly Magazine), Vol. 13, Issue: 11, Nov. 2011, Delhi.ISSN : 2249-0639
20. AdabAurJamaliyat, UrduDuniya (Monthly Magazine), Vol. 14, Issue : 02, Feb. 2012Delhi.ISSN : 2249-0639
21. AkhtarulImankiShaeri, Aiwan-e-Urdu (Monthly Magazine), Feb.2012, Delhi.
22. Tareekhe-Jahangeer, Urdu Duniya, (Monthaly Magazine), Vol.14, Issue:4, April 2012, Delhi. ISSN : 2249-0639
23. Aazadi, Urdu Duniya, (Monthaly Magazine), Vol.14, Issue:8, August 2012, Delhi. ISSN : 2249-0639
24. Junoobi Hind kiTareekh, Urdu Duniya, (Monthaly Magazine), Vol.15, Issue:1, January 2013, Delhi. ISSN : 2249-0639
25. Urdu kiKahani, Urdu Duniya (Monthly Magazine), Vol.15, Issue: 6, June 2013, New Delhi. ISSN: 2249-0639
26. InsaniIrteqa, Urdu Duniya (Monthly Magazine)Vol.15, Issue: 10, October 2013, New Delhi. ISSN: 2249-0639
27. Maqalat-e-Masood, Urdu Dunia(Monthly Magazine) Vol. 16, issue: 6, June 2014,New Delhi. ISSN: 2249-0639
28. 11. Roodad-e-Urdu, Dabistan-e-Ilm-o-Adab (6 Monthly Magazine) Vol. 1 June –December 2014, Srinagar Kashmir. ISSN: 2394-7934
29. Kulliyat-e-Majdi, Urdu Dunia (Monthly Magazine) Vol. 17 Issue 3, March 2015 New Delhi. ISSN: 2249-0639I
30. Reportage Broadcast by Bharat PrasaranSeva, All India Radio on 16th April 2010 at 19:10 hours, Manzar Program.
31. QurratulainHyder: Ek Mumtaz Fiction Nigar, Broadcast by Bharat PrasaranSevea, All India Radio on 14th May 2011 at 19:10 hours, Manzar Program

Books

1. 1.Hijab Imtiaz Ali : Hayat Aur Adabi Karname (1996), Research, Published by Takhleeq Kar Publishers, Delhi.
2. 2.Hijab Imtiaz Ali:Fun Aur Shakhshiyet(2000 & 2010) Research, Published by Educational Publishing House,. ISBN:978-81-909222-2-7
3. Adabi Tassurat (2002 & 2010) Published by Educational Publishing House, Delhi. ISBN:978-81-909222-3-4
4. 4.Kargahe Sheesha Gari (2005 & 2011), Articles, Original, Published by Kitabi Duniya, Delhi. ISBN:978- 81-909222-4-1
5. Qurratulain Hyder: Zaat-o-Sifaat (2008 & 2011), Research, Original, Published by Kitabi Duniya, Delhi. ISBN:978-81-909222-5-8
6. Sada-e-Khanda-e-Dil (2008), Articles, Original, Published by Kitabi Duniya, Delhi- 110006.
7. Jhelum Ke Aar Paar (2009), Reportage, Original, Published by Kitabi Duniya, Delhi. ISBN: 978-81-909222-1-0
8. Sada-e-Gul-e-Meharban (2011), Letters, Edit, Published by Kitabi Duniya, Delhi. ISBN: 978-81-909222-0-3

Monograph

1. Sadique (2010), Monograph, Original, Published by Dept. of Urdu, University of Delhi, Delhi- 110007. (Enc: No.-34)

Books edited:

1. Gul-e-Sad Barg (2006). Mazamin-e-Qurratulain Hyder, Edit, Published by Kitabi Duniya, Turkman Gate, Delhi- 110006.
2. Trasheeda Neelam (2006) Hijab Ki Tahreerain, Edit, Published by Kitabi Duniya, Turkman Gate, Delhi.
3. Gulistan Aur Bhi Hain (2008) Hijab Ke Afsane, Edit, Published by Kitabi Duniya, Turkman Gate, Delhi.
4. Sham Dhal Chuki Hai (2008) Hijab Ke Drame, Edit, Published by Kitabi Duniya, Turkman Gate, Delhi.

Dr. Mohd. Imteyaz Alam:

Books

1. Parody Naqd o Intikhab Vol. I, 2013, (ISBN- 978-81-7587-926-3) National Council for Promotion of Urdu Language, New Delhi
2. Parody Naqd o Intikhab Vol. II, 2013, (ISBN- 978-81-7587-927-0) National Council for Promotion of Urdu Language, New Delhi
3. Tabish Mehdi: Pehchan aur Parakh, 2015, (ISBN- 93-83322-95-0), Arshia Publications, Delhi
4. Parody ka Fan, 2012, (ISBN- 978-93-812029-33-0), Arshia Publications, Delhi
5. Ahmad Alvi ki Zareefana Shaeri, 2015M R Publications,

20. Areas of a) consultancy: NA b) Collaboration: NA with industry/institution; at the individual or institutional level and the income generated therein, if any.

21. Faculty as members in

- a) **National committees:** Nil
- b) **International committees:** Nil
- c) **Editorial Boards:** Nil

22. Student projects:

- e) **Percentage of students who have done in-house projects including inter departmental/programme:** Nil
- f) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:** Nil

23. Awards/ Recognitions received by faculty and students-

Dr. Khalid Ashraf	<ul style="list-style-type: none"> • Award on Book by Urdu Academy Delhi, year 2006
Dr. Md. Yahya	<ul style="list-style-type: none"> • Received Urdu Teacher Award on the occasion of Golden Jubilee Celebration of Urdu Department in the year of 2009.
Dr. Md. Mohsin	<ul style="list-style-type: none"> • Received Urdu Teacher Award on the occasion of Golden Jubilee Celebration of Urdu Department in the year of 2009
Dr. Mujeeb Ahmad Khan	<ul style="list-style-type: none"> • Uttar Pradesh Urdu Academy, Lucknow awarded the author for his book "Hijab Intiaz Ali : Fun Aur Shakhsiyet" in 2000. • Urdu Academy, Delhi (Govt. of Delhi) awarded the author for his book "Kargahe Sheesha Gari" in 2005. • Uttar Pradesh Urdu Academy, Luck now awarded the author for his book "Kargahe Sheesha Gari" in 2005. • Urdu Academy, Delhi (Govt. of Delhi) awarded the author for his book "Qurratulain Hyder: Zaat-o-Sifaat" in 2008. Enco: No.-47 to 52.
Dr. Mohd. Imteyaz Alam	<ul style="list-style-type: none"> • first Category Award for Best Research of the year 2012 received on my book entitled "Parody ka Fan" from Delhi Urdu Academy in 2013. • Grant in Aid, a sum of Rs. 50,000 (fifty thousand only) has been awarded for the publication of my book entitled "Parody ka Fan" from NCPUL in 2011. • Performance has been rated "EXCELLENT" by Cyber Media Ltd in 2005. • Received ICCR award (2nd prize, SAARC Countries level) for 1998--99 Maulana Azad Essay Competition organized by ICCR, New Delhi in 2003.

24. List of eminent academicians and scientists / visitors to the department-

- Many Academician delivered lectures in our Department like Prof. Abul Kalam Qasami, Prof. Khalid Mehmood, Prof. Khawaja Md. Ekramuddin, Prof. Anwar Pasha, Prof. Ibn Kanwal, Prof. Irtiza Kareem, Prof. Abdul Haque, Prof. Izhar Usmani, Prof. Ansarullah, Prof. Kausar Mazhari, Prof. Maula Bakhsh, Prof. G C Narang, Prof. Qamar Raees etc

- Numerous Top ranking Urdu Academician delivered lectures on dissimilar literary, Cultural and Historical dimension of Urdu Language and Literature. Prof. Khawaja Md. Ekramuddin, Prof. Anwar Pasha, Prof. Ibn Kanwal, Prof. Irtiza Kareem, Prof. Abdul Haque, Prof. Izhar Usmani, Prof. Ansarullah, Prof. Kausar Mazhari,

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National: International: Nil

26. Student profile programme / course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass Percentage**
			*M	*F	
B. A. (H) Urdu					
2015-16	-	98	72	26	-

*M- Male, F- Female

** For pass percentages in B.A (H) Urdu in last four years refer to section 5.2.2

27. Diversity of Students:

28. How many students have cleared national and state competitive examinations such as NET, SLET,GATE, Civil services, Defense services, etc. ? No Documentation

29. Student Progression: No Documentation

30. Details of Infrastructural facilities:

a) Library

Year	Number of Books added to relating to Chemistry (College Library)	Amount Spent on New Books
2011-12	131	Rs. 25,000/-
2012-13	230	Rs. 21,150/-
2013-14	186	Rs. 31,171/-
2014-15	243	Rs. 27,850/-

b) Internet facilities for Staff & Students

The College campus is Wi-Fi enabled. The Staff and Students have free access to internet.

c) Class rooms with ICT facility: Yes

d) Laboratories: Nil

31. Number of students receiving financial assistance from college, university, Government or other agencies: 40 (Minority Fellowship)

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts: No Documentation

33. Teaching methods adopted to improve student learning:

- Lecturing method
- Usage of audio-visual aids to make teaching more interesting.
- Making teaching more interactive by initiating discussion with the students
- Encouraging students to present paper for effective expressions of their ideas

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc.

Dr. Md. Yahya	<ul style="list-style-type: none"> Participated in number of 'Blood Donation Camps' organized by NSS, Kirori Mal College
Dr. Md. Mohsin	<ul style="list-style-type: none"> Participated in number of 'Blood Donation Camps' organized by NSS, Kirori Mal College.

35 a) SWOT (Strength, Weakness, Opportunity, Threat) analysis of the department,

b) Future plans

Strength

- Urdu department of KMC has learned faculty members. All faculty members bear higher academic qualifications i.e. doctoral degree from reputed universities of our country. Most of them are having a large number of published research papers and books .
- Congenial learning environment for the students .
- Department organizes activities such as debate / discussions and makes arrangement for expert on the subject matter, if needed.
- Under the banner of Bazm-e-Adab, many programmes are regularly organized every year for of the students.
- Under "meet the author" programme, department calls eminent author of Urdu language and literature every year and provide opportunity to its students to interact with the author.

Opportunity

- Through its academic programmes and activities, Department of Urdu prepares its students to face the upcoming challenges in pursuit of their career.
- Department of Urdu organises academic trip and tour, which is obviously a learning opportunity outside the class room.
- We train the students and assist them in ways which are helpful to them in pursuing career in the field of media and journalism

Weakness

- We need more space for a computer centre and departmental library.

Threat

- Due to the rapid expansion of English language, urdu language faces threat of slowly losing its popularity and utility among the masses.

b) Future plans:

- Making arrangements for Post Graduate classes.
- Ensuring the allotments of PhD students from Department of Urdu, university of Delhi to the teachers of our colleges .
- Urdu certificate course is likely to be introduced under Department of Urdu.
- Establishment of a media lab and a computer lab to train our students for a better career.

- Department of Urdu KMC may collaborate with those institutions, active in the field of Urdu language outside India and get benefitted with their schemes and plans so as to provide appropriate opportunities for college students.

Department of Zoology

1. **Name of the Department:** Zoology
2. **Year of Establishment:** 1973
3. **Names of the Programmes / Courses offered**
B.Sc. (Hons) Zoology
B.Sc. (Programme) Life Sciences

4. Names of Interdisciplinary courses and the departments involved

Course/ Programme	Number of Papers Offered
All B.A. (Hons), B.Sc.(Hons), B.Com (Hons), B.A, (Pass), BSc, (Prog) Life Sciences, Physical Sciences, & B.Com (Pass Courses)	1 Paper Shared by Geography & Botany

5. Annual/semester/choice based credit system (programme wise)

1. B.A. (H) Zoology Choice Based Credit System
2. B.A. (H) Zoology Semester System
3. B.A. (H) Zoology Erstwhile FYUP

6. Participation of the department in the courses offered by other departments

Course/ Programme	Number of Papers Offered
B.Sc. (Programme) Life Science	9 Papers
B.Sc. (Hons) Chemistry	2 Papers
B.Sc. (Programme) Analytical Chemistry	3 Papers
B.Sc. (Programme) Physical Sciences	2 Papers
B.Sc. (Hons) Mathematics	1 Paper [Optional]
B.A (H), B.A (Prog.), B.Sc. Prog, B.Sc. (H)	1 Paper

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

M.Tech. (Nanotechnology), Department of Chemistry, University Of Delhi.

8. Details of courses/programmes discontinued	Reasons for discontinuation
Annual mode was discontinued i.e. 2010-11	Delhi University notification
Three year Semester Programme was discontinued in 2013-14.	Delhi University notification

FYUP was discontinued in 2014-15	Delhi University notification
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9. Number of teaching posts

	Sanctioned	Filled
Associate Professors	10	3
Assistant Professors		7

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D/ M.Phil. etc.,)

S.No	Name	Qualification	Designation	Specialization	Teaching Experience	No. of Ph.D. Students guided for the last 4 years
						Registered/submitted/awarded
1	Dr. Anita Kamra Verma	Ph.D.	Associate Professor	Physiology Biotechnology	25 years	4 registered 5 awarded
2	Dr. Anjali Priyadarshani	Ph.D.	Assistant Professor (Senior scale)	Cell & Molecular Biology	12 years	Nil
3	Dr. Sanjukta Das	Ph.D.	Associate Professor	Hormone, Nutrition, Reproduction	16 years	Nil
4	Dr. Kaberi Acharya*	Ph.D.	Associate Professor	Fish Endocrinology	13 years	Nil
5	Dr. Gauri Garg Dhingra	Ph.D.	Assistant Professor (II Stage)	Molecular Biology, Biotechnology	10 years	Nil
6	Dr. Lukram Ingochouba Meetei	Ph.D.	Assistant Professor (Ad-Hoc)	Fish Biology	5 years	Nil
7	Dr. Kapinder	Ph.D.	Assistant Professor (Ad-Hoc)	Applied Entomology	4 years	Nil
8	Dr. Amod	Ph.D.	Assistant Professor (Ad-Hoc)	Cell & Molecular Biology	4 years	Nil

9	Dr. Haren Ram Chiary	Ph.D.	Assistant Professor (Ad-Hoc)	Parasitology	4 years	Nil
10	Mr. Ram Kumar	M.Sc.	Assistant Professor (Ad-Hoc)	Entomology	2 years 3 months	Nil
11	Dr. Vikas Kumar	Ph.D.	Assistant Professor (Ad-Hoc)	Drug Designing	3 years	Nil

* on leave

11. List of senior visiting faculty: Dr. Dharam Vir

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty

S.No.	Course	Percentage of Lecture By Temporary Faculty
1	B.Sc.(H) Zoology	60%
2	B.Sc.(P) Life science	60%
3	B.Sc.(P) Physical science	60%
4	B.Sc. (Program) Analytical Chemistry	60%

13. Students-Teacher Ratio (programme wise)

B.Sc. (Hons) Zoology: 22:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Lab Staff	
Lab Assistant	03
Lab Attendant	04
Sweeper	01

15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ M.Phil/ PG.

M.Sc.	01
Ph.D.	10

16. If any ongoing projects (agencies and grants received)

a) National

Dr. Anita Kamra Verma:

Sl. No	Title/Subject of Research Project(s)	Whether major or minor project	Date of Commencement	Date of Completion	Total Grants / Funding received	Name of Sponsoring/ Funding Agency	Whether Outcome / Outputs sent to Sponsoring Govt. Agency	Equipment Purchased
1	Assessment of humoral immune response against Ebola virus glycol-protein peptide using Balb/c mice as model.	Major	Feb 2015	Feb 2017	9,87,000	DIPAS, DRDO	ongoing	Nil
2	“To assess the Adsorption Efficiency and Anti-microbial potential of activated Multi-walled Carbon nanotubes for removal of Lead from water samples”	Innovation	Oct 2015	Oct 2016	Rs. 5,50,000	Delhi Univ.	Ongoing	Nil

b) International funding: NIL

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Dr. Anita Kamra Verma:

Sl. No	Title/Subject of Research Project(s)	Whether major or minor project	Date of Commencement	Date of Completion	Total Grants / Funding received (Rs.)	Name of Sponsoring/ Funding Agency	Whether Outcome / Outputs sent to Sponsoring Govt. Agency	Equipment Purchased
1	Pharmacological evaluations of Sea-buck thorn leaf extract for potential adjuvant activity.	Major	May 2013	May 2015	9,69,000	DIPAS	Completed Report not sent	Nil
2	Biopolymeric Nanoparticulate delivery for Rheumatoid Arthritis.	Major	March 2012	March 2015	11,67,000	UGC	Completed Report not sent	Liquid Nitrogen Can
3.	Developing Immunotherapeutic approaches for treatment of Type I diabetes along with replenishing insulin	Major	Feb 2012	Feb 2015	85,00,000	DBT	Completed Report not sent	Fluorimeter, FTIR, Autoclave, Micro-pipettes

	producing stem cells in Balb-c and NOD mice.							
4	Novel Strategies involving Nanomaterials/Nanocomposites and Biosorption for Removal of toxic metals from water.	Innovation	May 2012	May 2013	9,00,000	Delhi Univ	Completed Report accepted	Spectrophotometer, Micropipettes
5	To assess the mutagenic potential of some of commonly encountered environmental pollutants and therapeutic agents.	Innovation	May 2012	May 2013	9,00,000	Delhi Univ	Completed Report accepted	Laminar flow Cat II
6	Biopolymeric Stimuli sensitive Nanoparticulate Targeted Drug Delivery for Cancer Therapeutics.	Major	Mar 2010	Mar 2013	33,00,000	ICMR	Completed Report accepted	HPLC
7	Detection of Polymeric nano-particulate drug delivery system for anti-cancer drug by Quantitative Fluorescence Microscopy	Major	Dec 2008	Dec 2013	80,00,000	DBT	Completed Report accepted	Epi-fluorescent Microscope Zeta Sizer Vibratome
8	Design of Novel polymer based non-viral vector for gene delivery.	Major	Mar 2007	Mar 2010	11,47,000	UGC	Completed Report accepted	Inverted Microscope
9.	Encapsulation of potentially Immunotherapeutic/ Immunoprophylactic peptides in novel biocompatible nanosized Carriers for targeted delivery in IDDM	Major	July 2005	July 2008	19,00,000	DBT	Completed Report accepted	ELISA reader

18. If any Research Centre / facility recognized by the University developed by you.

1. Nanobiotech Lab
2. Animal Holding Facility approved by CPCSEA (COMMITTEE FOR THE PURPOSE OF CONTROL AND SUPERVISION OF EXPERIMENTS ON ANIMALS)

19.a) Patents:

- (1) Upadhyay S.N, Vishwakarma R.A, Ghosal S, Shukla S, Bose C and Kamra, A (1999)
Process of isolation and synthesis of 1-(3,4-methylenedioxy-phenyl)-1E-tetradecene and its analogues and a method for activation of effector

mechanisms of the immune system against tumours/and or infections using formulations containing these compounds (**US Patent allowed on application # 08/865,152**).

- (2) Ram A. Vishwakarma, Shabri Ghosal, Supriya Shukla, S.N. Upadhyay, Chhanda Bose, Anita Kamra, & Suman Dhawan
 "IMMUNOMODULATORY COMPOUND FOR TREATING CANCER"
 (Patent No.:210537, Dated: 911/DEL/2002), PCT International Classification Number A61K 31/00.

b) Publications (summary):

PUBLICATIONS	Number
Number of papers published in peer reviewed journal(national/international by faculty and students)	96
Number of publication listed in International database (For eg. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Science Directory, EBSCO host, etc)	92
Monographs	-
Chapter in books	1
Books edited	-
Books with ISBN/ISSN number with details of publishers	2
Citation index	653
SNIP	56.97
SJR	49.7
Impact factor	184.1
h-index	25

Name	No. of papers	publication listed in International database	Chapter in books	Books edited	Books with ISBN/ISSN number	Citation index	SNIP	SJR	Impact Factor	h-index
Dr. Anita Kamra Verma	44	42	-	-	1	352	26.056	29.0257	112.90	10
Dr. Anjali Priyadarshani	3	2	-	-	-	-	5.18	-	-	-
Dr. Sanjukta Das	2	1	-	-	-	-	0.842	0.436	0.53	-
Dr. Kaberi Acharya	6	6	-	-	-	-	1.167	0.698	2.161	-
Dr. Gauri Garg Dhingra	3	3	-	-	-	208	-	2.97	6.691	3
Dr. Lukram Ingochouba Meetei	4	4	-	-	-	-	-	1.49	4.642	1
Dr. Kapinder	3	3	-	-	1	-	-	-	1.4	-
Dr. Amod	11	11	1	-	-	90	10.36	6.64	16.87	7
Dr. Haren Ram Chiary	6	6	-	-	-	3	0.78	2.36	4.51	1
Mr. Ram Kumar	2	2	-	-	-	-	-	-	-	-
Dr. Vikas Kumar	12	12	-	-	-	-	7.585	6.08	34.411	3

c) Publication (Details)

Dr. Anita K. Verma

List of Publications:

1. Biototoxicity and Mechanistic studies of Surface Modified CdSe Quantum Dots, [2015]Anita K. Verma, National Conference on Chalcogens[NC3], DIAT Pune

2. Pharmacokinetics & Pharmacodynamics of Quantum Dots, nanoparticles and nanoconjugates: Mechanistic aspects. Anita K. Verma, Invited speaker, ICRANN 2014, held on 15-16th Dec 2014 at JNU, New Delhi
3. Effect of mass and aspect heterogeneity of chitosan nanoparticles on bacteriocidal activity, A. Agarwal, A. Tyagi, A. Leekha, V. Kumar, and Anita K. Verma. 1st International Conference on emerging trends of Nanotechnology in drug discovery, Dept of Biochemistry, South Campus, Univ. of Delhi, 26th-27th May 2014.
4. To evaluate the *in-vitro* neoplastic potential of chitosan nanoparticles and release kinetics of biopolymeric nanoparticles against cervical cancer. S. Agarwal, S. Fatima and Anita K Verma, 20th ISCBC International Conference on Chemistry and medicinal plants in translational medicine for healthcare, Dept of Chemistry, Univ of Delhi, 1st 4th March 2014
5. Biototoxicity of Nanomaterials and Immunomodulation. Anita K. Verma, Nanotechnology Conference: Safety measures and concerns, CFEES, DRDO 20th-23rd Nov 2013
6. Paradoxical effects of Oxidative stress and immune regulation in tuberculosis. Anita K Verma, International Nanomedicine Conference, Sydney, Australia. 1st-3rd July 2013.
7. Protective Efficacy induced by Antigenic Proteins of *Mycobacterium tuberculosis* encapsulated in biopolymeric nanoparticles in Balb/c mice Infected with *M. tb*. Ramendra Pati Pandey & Anita Kamra Verma, European Congress of Immunology, Glasgow, Scotland, 6-8th Sep 2012.
8. Nanotechnology - An emerging bastion for Women in Science - Anita Kamra Verma Resource Person in the two day national conference on "Women in Science" on March 14- 15, 2012.
9. 1st International Conference on Functional Materials for Defence (ICFMD-2012) (ICFMD-2012)
10. *Polymer drug conjugate therapeutics – the new Paradigm*, Anita Kamra Verma Invited talk at the Multi Mega Event of 24th Annual National Conference of Indian Society of Atherosclerosis Research and International CME on Atherosclerosis, 24th-25th Sep 2011, ISARCON 2011, JIPMER, Puducherry (India)
11. Anita Kamra Verma Chaired the session on Biomarkers and Drug Development, 2nd World Congress on Biomarkers-2011, 12-14th Sep 2011, Baltimore, USA
12. Invited Speaker on "Biopolymer nanotherapeutics: : Enabling oncology drug development by nanoconjugates & nanoparticles," Anita K. Verma, 2nd World Congress on Biomarkers-2011, 12-14th Sep 2011, Baltimore, USA
13. Invited speaker in the Center for Regenerative Medicine, University of Tubingen, Germany, Nanomedicines: *Smart Liposomal & Biopolymeric Nanoparticles/ Nanoconjugates for Drug Delivery*, Anita K. Verma, on 21st June 2011, Germany
14. Immuno-potentiating role of encapsulated proteins of infectious diseases in biopolymeric nanoparticles as a potential delivery system, Anita K. Verma, R. P. Pandey, A. Chanchal, P. Sharma, International Symposium on The Safe Use of Nanomaterials & Workshop on Nanomaterial Safety: Status, Procedures, Policy and Ethical Concerns from February 1-3, 2011, IITR, Lucknow.
15. Resource Person in the National Workshop on "Recent Advances in Bioelectrical Impedance For Body Composition & its Clinical Applications" (RABICA-2011), 26- 27 March 2011, held at D. Y. Patil University, Kolhapur, India

16. Development of chitosan nanocarriers for the intraepithelial delivery of Antigenic Secretory Proteins of *Mycobacterium tuberculosis* through mucosal surfaces, Anita K Verma, *International Symposium on TB Diagnostics: Innovating to Make an Impact*. 16th-17th Dec, 2010 *International Centre for Genetic Engineering & Biotechnology ICGEB Campus, New Delhi, INDIA*.
17. Invited Speaker in the “International Conference on Nanotechnology and Medical Sciences: New Interfaces” Anita K. Verma, 21-23 Oct. 2010, D. Y. Patil University, Kolhapur, India.
18. Encapsulation of therapeutic proteins of *Mycobacterium tuberculosis* in Biopolymeric Nanoparticles for possible aerosol delivery system, Anita K. Verma, R P. Pandey, A Chanchal, I Siddiqui, P Sharma . 14TH International Congress of Immunology, Aug 22-27, 2010, Kansal, Japan,
19. *Nanomedicines: Smart Liposomal & Biopolymeric Nanoparticles for Drug Delivery to cancer tissue*. Anita K. Verma Invited Speaker in "INDO-US Workshop on Nanotechnology: Applications and Implications" during 10-12 November, 2009 at IICT, Hyderabad, India
20. Poster presented in "INDO-US Workshop on Nanotechnology: Applications and Implications" during 10-12 November, 2009 at IICT, Hyderabad.
21. *Polymer conjugates: Pharmacokinetics & in-vivo biodistribution of hydrophilic Nano-conjugates, Liposomes & biopolymeric nanoparticles*. Anita K. Verma Invited talk in the International Symposium on Nanostructured Materials: Structure, Properties and Applications (ISNM-2009), October 28-29, 2009, Kanya Maha Vidyalaya, Jalandhar.
22. *Release Kinetics, and Cellular uptake of hydrophilic polymeric nanospheres prepared by radical crosslinking copolymerization*, Anita K. Verma. Invited talk in the International Symposium on Nanostructured Materials: Structure, Properties and Applications (ISNM-2009), October 28-29, 2009, Kanya Maha Vidyalaya, Jalandhar.
23. Pharmacokinetics & in-vivo biodistribution of hydrophilic Nano-conjugates, Anita K. Verma, Invited lecture in the “International Conference on Nanoscience & Nanotechnology” October 15 -16, 2009, AIT, Gurgaon, India
24. Nano-therapeutics: in-vivo biodistribution of ^{99m}Tc Labelled- Surface coated Paclitaxel Loaded hydrophilic Biopolymeric Nanoparticles for the treatment of Hepatic cancer. Anita K. Verma . International Conference on Radiation Biology & Translational Research in Radiation Biology, 2008, 10-12 Nov, Jaipur, India.
25. Nanomedicine in cancer therapeutics : Pharmacokinetics & in-vivo biodistribution of hydrophilic Drug Loaded Biopolymeric Nanoparticles vs Nano-conjugates. Anita K. Verma. International Conference on Biomedical Engineering & Nanotechnology ICBENT-2008), October 21-23, 2008, Kolhapur, India.
26. Paclitaxel loaded Stimuli-Responsive biopolymeric Nanogel-particles: Preparation, Drug-Release Behaviors, in-vitro Cellular Interaction and biodistribution in tumor bearing mice model. Anita K. Verma, A. Chanchal, Ajay Kumar & H.B. Bohidar. Indo-Australian Conference on Medical Biotechnology 2008, 11-12 Feb, 2008, National Institute of Immunology, New Delhi, India.
27. Nano-pharmaceuticals: Pharmacokinetics and in vivo Biodistribution of Hydrophilic Paclitaxel Loaded Biopolymeric Nanoparticles, Anita K. Verma, Invited Lecture International Conference on Nanomaterial Toxicology [ICONOTOX 2008] 5th –6th Feb ITRC, Lucknow.

28. Nanobiotechnology in India, Anita K. Verma. Expert Group Meeting on Nanotechnology, Sustainability and Developing Economics in the 21st Century, UNIDO Headquarters, Vienna International Centre, Austria, 10-12 December 2007
29. Polymer Therapeutics: Surface coated gelatin nanospheres for treatment of hepatic Cancer. Anita K. Verma, A. Chanchal, Ajay Vashisht & H.B. Bohidar. Invited Lecture in the 5TH Annual Conference of "BIOTECHNOLOGY SOCIETY OF INDIA" "Biotech 2007" Nov 2007, Lucknow
30. Long Circulating Drug Polymer nano-conjugates of Cisplatin – Pharmacokinetics, Release kinetics and Cellular uptake. Anita K. Verma, A. Chanchal, K. Sachin & H.B. Bohidar. Oral Presentation ESF-EMBO Symposium: Probing Interactions Between Nanoparticles/Biomaterials and Biological Systems: Alternative Approaches to Bio- and Nano-toxicity. Spain Nov. 2007.
31. Polymeric Nanosystems for Cancer Therapeutics – Liposomes, nanoparticles and nanoconjugates. Anita K. Verma, Invited Talk in International Conference on Nanomedicine, Bhubaneswar, India.
32. "Novel Nanotherapy: Bioresponsive Polyelectrolyte Complexes Based on Polysaccharide". Anita K. Verma & K. Sachin. Oral Presentation at International Conference on Nanomedicine 2007, at Bhubaneswar
33. Dissolution kinetics of Intramolecular aggregates & Self folded gelatin coacervates entrapping Cycloheximide (CHX), at various pH values. A. Chanchal, H.B. Bohidar, Anita K. Verma, Oral presentation at International Conference of Nanotechnology, ICNT'06, San Francisco, USA- 30th Oct-Nov 2, 2006
34. Influence of physico-chemical variation on the release profile of self-folding pectin cisplatin nano-conjugates. K. Sachin, H. B. Bohidar, Anita K. Verma. Poster presented at Indo-US
35. Symposium on Nanotechnology & Advanced drug delivery. Oct 5-6, 2006. NIPER, Chandigarh.
36. Release kinetics and cellular uptake of hydrophilic drug polymer nano-conjugate to enhance blood circulating levels of Cisplatin. Anita K. Verma, K. Sachin, A. Chanchal, H. B. Bohidar. Oral presentation at International Nanobioscience Conference, Aug, 6-8, Pune 2006.
37. Characterization and Stability Studies on Gelatin Nanoparticles. Poster at Nanoinitiative by DST in March, 2005. K. Sachin, A. Saxena, H. B. Bohidar, A. K. Verma at Pune.
38. PVP nanocarriers for a hydrophilic drug Richa Tyagi, Anita Kamra Verma and S. Mozumdar. Poster in Asean Biotechnology 2004
39. Physical characterization and encapsulation of a prodrug of a β -Lactum drug for a possible oral delivery system R. Tyagi, Anita K. Verma, S. Mozumdar Presented a poster in ICONOSAT 2003, Dec 2003, at Kolkata.
40. Diffusion of macromolecules in gel and living tissue matrix measured by FCS. S. A. Tatarkova, Anita Kamra Verma, D.A. Berk. International Conference on Advanced Laser Technologies. Oral presentation at Cranfield University, UK in Sep 2003.
41. A Low Toxic Drug Formulation of 5-FU Derivative in crosslinked polymeric micelles. Anita K. Verma, S. Soni, S. Mazumdar and A.N. Maitra. Paper Presented at Second International Conference on Tumor targeted Drug Delivery systems, held at NIH, Bethesda, Maryland, USA in September 2002

42. Bioimaging & Optical methods for pharmacokinetic studies. David A. Berk, Sveta Tatarkova, Anita Kamra Verma, Chris Lloyd, Harmesh Aojula. Bioimaging Initiative Grantholders' Workshop 11-13 July, 2000, at Keele University, UK.
43. Immunotherapeutic Effects of a Glucosylxanthone compound isolated from *Mangifera indica* against Mastocytoma Tumour implant in mice. Anita Kamra, D.N.K. Sarma, Suman Dhawan, Shakti N. Upadhyay. Presented at the INDO-FRENCH SYMPOSIUM on Immunomodulation in December, 1995 N.I.I., New Delhi.
44. S. Zafar, L.M. Negi, Anita K. Verma, V. Kumar, A. Tyagi, P. Singh, Z. Iqbal, S. Talegaonkar (2014): Stearically stabilized polymeric nanoparticles with a combinatorial approach for multi drug resistant cancer: In vitro and in vivo investigations; *International Journal of Pharmaceutics*, 477: 454–468. [Impact Factor 3.99].

Books:

1. A Text book of Biotechnology, John Wiley Publication 8126505567.

Dr. Anjali Priyadarshani**List of Publications:**

1. Radiolabeling, biodistribution and gamma scintigraphy of noscapiene hydrochloride in normal and polycystic ovary induced rats. Anjali Priyadarshani, Krishna Chuttani, Gaurav Mittal, and Aseem Bhatnagar. *J Ovarian Res.* 2010; 3: 10. doi: [10.1186/1757-2215-3-10](https://doi.org/10.1186/1757-2215-3-10).
2. Relevance of an opioid, noscapiene in reducing cystogeneses in rat experimental model of polycystic ovary syndrome. Priyadarshani A. *J Endocrinol Invest.* 2009 Nov; 32(10):837-43. Issn no. 1720-8386.
3. Noscapiene and polycystic ovary syndrome: towards a new development. Anjali priyadarshani, Anju Katyal, Aseem Bhatnagar and Ramesh Chandra. *Indian Journal of Medical Research.* 2005 ISSN: Print -0971-59.

Dr Sanjukta Das**List of Publications:**

1. Isolation and characterization of free subunits of buffalo pituitary luteinizing hormone. G. arundhati, Sanjukta das and K. muralidhar (2000). *J. Endocrinol Reprod.* 4 (1) : 35-47, 2000.
2. Effect of vitamin A excess on germ cell development in prepubertal rat testis. Misro MM, Jena S, Paul PK. (1997). *Indian J Exp Biol.* ;35(6):576-80

Dr. Gauri Garg Dhingra**List of Publications:**

1. Cloning and Characterization of lin Genes Responsible for the Degradation of Hexachlorocyclohexane Isomers. Rekha Kumari, Sanjukta Subudhi, Mrutyunjay Suar, Gauri Dhingra, Vishakha Raina, Charu Dogra, Sukanya Lal, Jan Roelof van der Meer, Christof Holliger, Rup Lal Sphingomonas paucimobilis Strain B90. Applied and Environmental Microbiology , vol. 68, no. 12, pp. 6021-6028, 2002.
2. Development of cloning vectors and transformation methods for Amycolatopsis. Gauri Dhingra, Rekha Kumari, Shashi Bala, Swati Majumdar, Shweta Malhotra, Poonam Sharma, Sukanya Lal, John Cullum, Rup Lal. Journal of Industrial Microbiology & Biotechnology , vol. 30, no. 4, pp. 195-204, 2003.
3. Hexachlorocyclohexane-degrading bacterial strains Sphingomonas paucimobilis B90A, UT26 and Sp+, having similar lin genes, represent three distinct species, Sphingobium indicum sp. nov., Sphingobium japonicum sp. nov. and Sphingobium francense sp. nov., and reclassification of [Sphingomonas] chungbukensis as Sphingobium chungbukense comb Rinku Pal, Shashi Bala, Mandeep Dadhwal, Mukesh Kumar, Gauri Dhingra, Om Prakash, S. R. Prabakaran, S. Shivaji, John Cullum, Christof Holliger, Rup Lal. International Journal of Systematic and Evolutionary Microbiology, vol. 55, no. 5, pp. 1965-1972, 2005.

Dr. Kaberi Acharia

List of Publications:

1. Season-dependent effect of thermopulse on gonadal recrudescence in the female catfish, Clarias batrachus. (2014). K. Acharia, B. Lal, T. P. Singh. Indian Journal of Experimental Biology , Vol. 52, p. 538-541.
2. Differential role of dietary fatty acids on reproduction in the African cat fish, clarias gariepinus (Bloch). (2013). K. Acharia, O. Prakash, R. Phartyal, N. Sehgal and S.V. Goswami. Journal of aquaculture.
3. Season-dependent effect of dietary lipids in reproduction in the Indian catfish, Clarias batrachus. (2011). K. Acharia, B. Lal, T. P. Singh. Indian J. Sci. Technol, Vol. 4, ISSN: 0974-6846.
4. Role of dietary lipid sources on reproductive activity of male African catfish, clarias gariepinus during spermatogenesis (2004). K. Acharia, S.V. Goswami and N. Sehgal. Applied Fisheries and aquaculture, Vol. 4 (2), p. 24-26.
5. Modulatory role of Mystus gonadotropin on the dietary influence of polyunsaturated fatty acids on the gonadal recrudescence in the Indian catfish, Clarias batrachus (2001). K. Acharia, B. Lal, T. P. Singh. Journal of aquaculture, Vol. 9, p. 1-8.
6. Modulatory role of Temperature on Mystus gonadotropin action on gonadal recrudescence in the Indian female catfish, Clarias batrachus (2000). K. Acharia, B. Lal, T. P. Singh, J. Fish. Soc. Taiwan, Vol. 27(1), p. 13-19.

Dr. Lukram Ingochouba Meetei

List of Publications:

1. Influence of Feeding Regimes on the Digestive Enzyme Profile and Ultrastructure of Digestive Tract of First Feeding Catla catla (Hamilton) Larvae. Meetei LI, Ninawe AS and Chakrabarti R. (2014). J Aquac Res Development 5:243 doi: 10.4172/2155-9546.1000243. ISSN: 2155-9546.
2. Pre-digestion of dietary lipids has only minor effects on absorption, retention and metabolism in larval stages of Atlantic cod (Gadus morhua). Hamre K, Lukram IM, Rønnestad I, Nordgreen A, Sæle O (2011). Br J Nutr. Mar;105(6):846-56. doi: 10.1017/S0007114510004459.
3. Influence of feeding regimes on the digestive enzyme profile and ultrastructure of digestive tract of Catla catla. R. Chakrabarti & I. M Lukram 2013. Book of Abstract 6th Fish and Shellfish larviculture Symposium, September 2-5, 2013 Ghent University, Belgium. 70-72. (Mini Paper)
4. Uptake and metabolism of pre-digested lipid in the Atlantic cod, Gadus morhua. Lukram I. M., Hamre K, Rønnestad I., Chakrabarti R., Nordgreen, A. Mangor-Jensen A., and Sæle Ø. 2009. Special publication of European Aquaculture Society. (LARVI '09-FISH & SHELLFISH, Belgium). 238-241.

Dr. Kapinder

List of Publications:

1. Abundance of Diseases in Food Fishes of North East Region of India With Reference To Economic Loss. Haren Ram Chiary, Kapinder, Umesh C. Goswami and H.S. Singh (2014). IOSR Journal of Agriculture and Veterinary Science, 6(5): 36-44 e-ISSN: 2319-2380, p-ISSN: 2319-2372.
2. Role of vitamins on various biological aspects of an egg parasitoid, Trichogramma chilonis (Ishii) (Hymanoptera: Trichogrammatidae) on its laboratory host, Corcyra cephalonica. Kapinder, Tarkeshwar and Singh A.K. (2014). IOSR, Journal of Agriculture and veterinary Science. 7(1): 10-14. e-ISSN: 2319-2380, p-ISSN: 2319-2372.
3. Insecticidal and antifeedant activity of Melia azedarach (L.) fruits on Spilosoma obliqua (Walker) (Lepidoptera: Arctiidae). Tarkeshwar, Kapinder and Singh A.K. (2014). IOSR, Journal of Agriculture and veterinary Science. 7(1): 15-20. e-ISSN: 2319-2380, p-ISSN: 2319-2372.

Books:

1. ILLL 2349-154X
2. Basic Environmental Studies, Book Age Publication 978-93-83281-41-1

Dr Amod

List of Publications:

1. Assessment of arsenic induced DNA damage in goldfish by a PCR based technique using RAPD markers. Kumar A, Kesari VP, Khan PK: (Accepted) Arch. Env. Cont. Tox. ISSN 0090-4341. CITATION:0.

2. Induction of sperm impairments in mice as a sensitive biomarker of arsenic toxicity. Kesari VP, Kumar A, Khan PK,: Environ Monit Assess (2014) 186(5):3115–3121. ISSN 0167-6369. CITATION:0.
3. Fish micronucleus assay to assess genotoxic potential of arsenic at its guideline exposure in aquatic environment. Kumar A, Kesari VP, Khan PK: Biometals (2013) 26:337–346. ISSN: 0966-0844. CITATION:1.
4. Mouse micronucleus assay as a surrogate to assess genotoxic potential of arsenic at its human reference dose. Khan PK, Kesari VP, Kumar A: Chemosphere (2013) 90(3):993-7. ISSN: 0045-6535. CITATION: 4.
5. Genotoxic potential of arsenic at its reference dose. Ecotox. Environ.Safe. Kesari VP, Kumar A, Khan PK: (2012):80:126-131. ISSN: 0147-6513. CITATION:8.
6. Awareness of changing trends in epidemiology of dengue fever is essential for epidemiological surveillance. Chakravarti A, Matlani M, Kashyap B, Kumar A: IJMM. (2012)30(2):222-226. ISSN 0255-0857. CITATION:7.
7. Cytogenetic toxicity of Aloe vera (a medicinal plant). Drug Chem. Verma A, Gupta AK, Kumar A, Khan PK : Tox. (2012)35(1): 32–35. ISSN: 0148-0545. CITATION: 2.
8. Detection of Dengue infection by combining the use of an NS1 antigen based assay with antibody detection. Chakravarti A, Kumar A, Sonia Malik Southeast Asian J Trop Med Public Health. (2011) 42(2):297-302. ISSN: 0125-1562. CITATION:6.
9. Displacement of Dengue Virus Type 3 and Type 2 by Dengue Virus type 1 in Delhi during 2008. Chakravarti A, Kumar A, Matlani M: IJMM. (2010) 28 (4):412-412. ISSN 0255-0857. CITATION:10.
10. Discrimination between primary and secondary dengue virus infection by using an immunoglobulin G avidity test.Chakravarti A, Matlani M, Kumar A:Dengue Bulletin (2008) 32: 67-72. ISSN 0250 – 8362. CITATION:0.
11. Genotoxicity of Nimesulide in Murine Bone Marrow cells. Khan PK, Amod K, Haque M, Nath A: in vivo (2003) 17:439-440. ISSN: 0258-851X. CITATION:9.

Chapter in Books

1. Amod K: Bacteria in Agrobiolgy: Disease Management, Springer 978-3-642-33639-3

Dr. Haren Ram Chiary

List of Publications:

1. Monogenean (Platyhelminthes) richness in Northeast Indian region, Assam: A component of forgotten biodiversity. Haren Ram Chiary, Anshu Chaudhary, Shobhna, Hridaya Shanker Singh and Umesh Chandra Goswami. (2013). *Sci Parasitol*. 14(1):1-5.ISSN 1582-1366.
2. Abundance of Diseases in Food Fishes of North East Region of India With Reference To Economic Loss. Haren Ram Chiary, Kapinder, Umesh C. Goswami and H.S. Singh (2014). *IOSR Journal of Agriculture and Veterinary Science*, 6(5): 36-44 e-ISSN: 2319-2380, p-ISSN: 2319-2372.
3. Phylogenetic analysis of the *Dactylogyroideslongicirrus* (Monogenea: Dactylogyridae) based on the 18S and ITS 1 ribosomal genes.

- Bioinformation*. Haren Ram Chiary, Anshu Chaudhary and Hridaya Shanker Singh. (2013). 9(5): 250-254. ISSN 0973-2063 (online) 0973-8894 (print). Impact Factor~1.0.
4. Molecular Characterization of *Dactylogyroides Tripathii* (Monogenea, Dactylogyridae) using long subunit rDNA from North East region of India. H.R. Chiary, A. Chaudhary and H.S. Singh. (2013). *Vestnik zoologii*, 47(5): e-52–e-56. DOI 10.2478/vzoo-2013-0048. ISSN 0084-5604.
 5. Monogenean Fauna of Bramhaputra River System. *Asian J. Exp. Sci.*, (in process). H.S.Singh, Haren Ram Chiary and Anshu Chaudhary. ISSN 0971-5444.
 6. Ecological Imbalance and Dangerous Impact on Fish Faunal Diversity of Ganga River System: A Review. H.S.Singh, Manu Varma, Haren Ram Chiary, Neetu Singh, Garima Kansal and Shobhna. (2012). *Voyager*. Vol.3: pp 85-95. ISSN: 0976-7436.

Mr. Ram Kumar

List of Publications:

1. External morphology of the eggs of *Lohita grandis* gray (Heteroptera:Pyrocoridae) : A simple and scanning electron microscope observations. Kumar Ram and Yadav P.R. (2013). *J.Exp.Zool.India*. 16 :329-332.
2. Sexual dimorphism on morphometry in *Lohita grandis* gray (Heteroptera:Pyrocoridae). Kumar Ram and Yadav P.R. (2015). *J.Exp.Zool.India*. 18 :119-201

Dr. Vikas Kumar

List of Publications:

1. Prospective Atom Based 3D-QSAR Model Prediction, Pharmacophore Generation and Molecular Docking Study of Carbamate Derivatives as Dual Inhibitors of Ache and MAO-B for Alzheimer's Disease. Vikas Kumar, Nidhi Chadha, Anjani K. Tiwari, Neeta Sehgal, Anil K. Mishra. *Medicinal Chemistry Research* (Springer) 2013. Published Online 25 Aug 2013. DOI 10.1007/s00044-013-0704-3. ISSN (print): 1054-2523, ISSN (online): 1554-8120.
2. Quantitative Structure activity relationship of tetraaza macrocyclic vehicle DO3A with lanthanide relaxivity and hydrophobicity. Pooja Srivastava, Vikas Kumar, Anjani K. Tiwari, Anil K. Mishra. *Medicinal Chemistry Research* (Springer). Published online 20 March 2013. DOI: 10.1007/s00044-013-0570-z. ISSN (print): 1054-2523, ISSN (online): 1554-8120.
3. Design, Synthesis and biological evaluation of catecholamine vehicle for studying dopaminergic system. Pooja Singh, Vikas Kumar, Swati Aggarwal, Anjani K Tiwari, Krishna Chuttani, Anil K Mishra. *Chemical Biology & Drug Designing* (Wiley). 2013; 82: 226-232. ISSN (print): 1747-0277, ISSN (online): 1747-0285.
4. Design and docking studies of [Diethylenetriaminepentaacetic acid-(amino acid)₂] with acetylcholine receptor as a molecular imaging agent for single-photon emission computed tomographic application. Anjani K Tiwari, Vikas Singh Rathore, Deepa Sinha, Anupama Datta, Neeta Sehgal, Krishna Chuttani, Anil K Mishra. *Molecular Imaging* (Decker publication). 2012 Jun; 11(3), pp 240-250.

5. Investigation for the interaction of tyramine based anthraquinone analogue with Human Serum Albumin by optical spectroscopic technique. Swati Aggarwal, Anjani K. Tiwari, Pooja Srivastava, Nidhi Chadha, Vikas Kumar, Gurmeet Singh, Anil K. Mishra. *Chemical Biology & Drug Designing* (Wiley). 2013, Vol 81, pp 343-348. ISSN (print): 1747-0277, ISSN (online): 1747-0285.
6. Perception into Hypoxia Selectivity and Electronic features of Symmetrically Substituted Bisthiosemicarbazone ligands and their Copper Complexes: DFT and QM/MM Docking. Nidhi Chadh, Anjani K. Tiwari, Vikas Kumar, Marilyn D. Milton, Anil K. Mishra. *Medical Chemical Communications* (Royal Society of Chemistry). 2013, Vol 4, pp 542-548.
7. Bis (histidine) with N₂ vehicle: An important skeleton for MR/ chelation therapy. Pooja Srivastava, Anjani K. Tiwari, Dipti Kakkar, Vikas Kumar, Anil K. Mishra. *Chemical Biology & Drug Designing* (Wiley). Accepted Article-online, 13 January 2014. DOI: 1111/cbdd.12281; ISSN (print): 1747-0277, ISSN (online): 1747-0285.
8. In Silico Thermodynamics Stability Change Analysis Involved in BH4 Responsive Mutations in Phenylalanine Hydroxylase: QM/MM and MD Simulations Analysis. Nidhi Chadha, Anjani K Tiwari, Vikas Kumar, Marilyn D. Milton, Anil K. Mishra. *Journal of Biomolecular Structure & Dynamics* (Taylor & Francis). ISSN: 0739-1102 (print), 1538-0254 (online). Published online 17 March 2014, DOI: 10.1080/07391102.2014.897258.
9. Oxime-dipeptides as anticholinesterase, reactivator of phosphonylated-serine of AChE catalytic triad: probing the mechanistic insight by MM-GBSA, dynamics simulations and DFT analysis. Nidhi Chadha, Anjani K Tiwari, Vikas Kumar, Marilyn D. Milton, Anil K. Mishra. *Journal of Biomolecular Structure & Dynamics* (Taylor & Francis). ISSN: 0739-1102 (print), 1538-0254 (online). Published online 29 May 2014, DOI: 10.1080/07391102.2014.921793.
10. Bis(Methylpyridine)-EDTA Derivative as a Potential Ligand for PET Imaging: Synthesis, Complexation and Biological Evaluation. Pooja Singh, Swati Aggarwal, Anjani K. Tiwari, Vikas Kumar, Ramendra Pratap, Krishna Chuttani and Anil K. Mishra. *Chemical Biology & Drug Designing* (Wiley). ISSN (print): 1747-0277, ISSN (online): 1747-0285. Accepted article online: 4 June 2014. DOI: 10.1111/cbdd.12366.
11. In silico and In vivo analysis of binding affinity of estrogens with estrogen receptor alpha in *Chana punctatus* (Bloch). S. Pipil, V. Kumar, V.S. Rawat, L. Sharma, N. Sehgal. *Fish Physiology & Biochemistry* (Springer publication). ISSN (print): 0920-1742, ISSN(online): 1573-5168. Published online: 4 Oct 2014. DOI: 10.1007/s10695-014-0003-z.
12. Novel pyridinium oximes: synthesis, molecular docking and in vitro reactivation studies. Pooja, S. Aggarwal, A.K Tiwari, V.Kumar, G.Singh and A.K Mishra. (Royal Society of Chemistry Advance) *RSC Adv.*, 2015, 5: 23471-23480. DOI: 10.1039/c4ra14696d.

20. Areas of

a) consultancy:

Name of the Faculty	Area	Year	Income
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Dr. Anita.K. Verma	Nanomedicine, Nanobiotechnology Expert in MP State Council for Biotechnology, Bhopal	2008- 2014	Honorarium
	Expert Advisory Meeting for Nano Technology Glossary organized by CSTT	2010- 2015	
	E-Patshal Reviewer for E-content development in Biotechnology, University of Kerala, Trivandrum:	2015 2015	
	Member of Board of studies in Biochemistry	2012	
	Vinoba Bhave University, Jharkhand : Member of Board of studies in Biotechnology		

b) **collaboration:** Academic Collaboration Deakin University, Australia,
Centre for Nanotechnology, JNU,

Name	Collaborator	Collaborator's Institution	Type of Collaboration	Income Generated
Dr. Anita K. Verma	Prof. S. Akthar	JMI, New Delhi	1 Ph.D Student	Nil
Dr. Anita K. Verma	Prof. M Rizvi	JMI, New Delhi	1 PhD Student	Nil

21. Faculty as members in a) National committees

Dr Anita Kamra Verma

1. Peer review of research grant proposals

Department of Biotechnology, New Delhi-Task force on Nano Biotechnology/
Nanoparticle mediated Drug / Biomolecule delivery,

2. Project Approval Committee

Dept. of Biodiversity &. Biotechnology, Govt of Madhya Pradesh for Biotech Projects, for the
past 6 years.

b) **International Committees:** Nil

c) Editorial Boards

Dr Anita Kamra Verma

- International Journal of Pharmaceutics
- International Research Journal of Biotechnology
- Nanoscience and Nanotechnology in Biology and Medicine
- Journal of Biomaterials and Nano-biotechnology
- American Journal of Experimental Biology

d) Memberships

Dr. Anita Kamra Verma

- CRS Mentor
- Zoology Society of India
- Biotechnology Society of India
- Member of International Association of Nanotechnology, Inc.
Membership ID: AM66990908, 2006
- Indian Nano Science Society
- Indian Immunological Society

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme : 20

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: None

23. a) Awards/ Recognitions received by faculty and students

Dr. Anita Kamra Verma	<ol style="list-style-type: none"> 1. 2015: Best paper Award, Feb, Pune 2. 2009: Awarded Charles Darwin Gold Medal in International Conference on Recent Trends in Life Sciences by 'The International Society for Ecological Communications'. 3. 2006: Presented my most referenced paper at MIT, Cambridge, USA.
Dr. Lukram Ingochouba Meetei	<ol style="list-style-type: none"> 1. International Norwegian Scholarship 2008-2009. 2. UGC Meritorious Research fellow Department of Zoology University of Delhi 2009-2010. 3. Best poster award 14th International Symposium on Fish Nutrition and Feeding. 1-5 June, 2010. Qingdao, China. Best poster prize.
Dr. Haren Ram Chiary	<ol style="list-style-type: none"> 1. Haren Ram Chiary, conferred with Max Planck Research Award-2015 in Biodiversity by IASR. 2. Rajiv Gandhi National fellowship, 2007-2009.

b) Awards/ Recognitions received by students:

S.No	Year Of Award	Name	Course	Part/Year	Position In University
1	2010-2011	Shekhar Kedia	B.Sc. (H) Zoology	II	1 st
2	2010-2011	Rashmi Kumari	B.Sc. (H) Zoology	II	3 rd
3	2010-2011	Rashmi Kumari	B.Sc. (H) Zoology	III	2 nd
4	2010-2011	Garima Virmani	B.Sc. (H) Zoology	I	1 st
5	2013-2014	Jaya Malhotra	M.Sc. Zoology	Final	3 rd

24. List of eminent academicians and scientists / visitors to the department

YEAR	Name/Designation/ Address
2012	Prof. Ruplal, Department of Zoology, University of Delhi
2012	Dr. Sushil Jha , School of Life Sciences , Jawahar Lal Nehru University
2013	Prof. Rajagopalan Raman, Department of Zoology, University
2013	Prof. M.M. Chaturvedi, Department of Zoology, University of Delhi
2014	Dr. Faiyaz Ahmed Khan. Chief Zoologist, Biodiversity Park, Wazirabad, Delhi
2014	Prof.Urfi,Department of Environment Science, University of Delhi
2015	Dr. Nirala Ram Chiary, School of Life Sciences, Jawahar Lal Nehru University
2013	Sh. Hem Pande, Additional Secretary, Ministry of Environment and Forests. Govt. of India, New Delhi
2013	Dr. Afshan Yasmin, Director of Education, South-West Delhi
2013	Mr. S. Bhattacharya, Co founder Skill Hippo
2013	Dr. Rashmi Bharadwaj, University School of Basic and Applied Sciences, Indraprastha University, New Delhi
2013	Dr. Jagat Kanwar, Professor, School of Medicine, Faculty of Health, Deakin University Australia
2013	Dr. Vivek Aggarwal, Delhi Technological University, New Delhi
2013	Dr. H. B. Bohidar, Professor, Special Centre for Nanoscience and Nanotechnology, Jawaharlal Nehru University
2013	Dr. Anil K Mishra, Scientist 'F', Institute of Nuclear Medicine & Allied Sciences, Lucknow Road, Timarpur, Delhi
2013	Dr. Rajesh Gokhale , Director, Institute of Genomics and Integrative Biology (IGIB), South Campus, Mathura Road, New Delhi 110020
2013	Prof. Karmeshu , Professor, Computer and System sciences, JNU, New Delhi
2013	Dr. Satyajit Rath, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi
2015	Prof. Christopher S. Raj, School of International Studies, Jawaharlal Nehru University

2015	Dr. George Mathews, Institute of Social Studies, New Delhi
2015	Prof. G.P.Thakur, Fellow, Indian Association of Applied Psychology
2015	Dr. Sanjay Bhardwaj, Centre for South Asian Studies, School of International Studies, Jawaharlal Nehru University, New Delhi
2015	Dr. Pankaj Jha, Indian Council of World Affairs
2015	Professor Yogendra Yadav, Centre for the Study of Developing Societies, New Delhi.
2015	Sri Kanwar Pal Singh Gill, (Ex IPS, Ex Director General of Police, Punjab) President, Institute of Conflict Management
2015	Prof. Amitabha Mukherjee, Deptt. of Physics and Astrophysics, University of Delhi
2015	Prof. P. K. Khanna, Defense Institute of Advanced Technology, Pune.
2015	Prof. Wilhein A. Eicher, University of Tübingen, Germany
2015	Prof. H.B. Bohidar, School of Physical Sciences, J.N.U, New Delhi
2015	Prof. Annie Abraham, Head, Dept of Biochemistry, University of Kerala.
2015	Dr Rajni Rani, Scientist VII, National Institute of Immunology, New Delhi
2015	Mr J.R.K.Rao, Additional secretary, Ministry of Defence, New Delhi
2015	Dr Umesh Sharma, Scientist, Department of Science & Technology, New Delhi
2015	Prof. R. P. Tandon, Dept. Of Physics and Astrophysics, University of Delhi
2015	Dr Afsaar Ahmad, Bhatnagar awardee, Scientist, N.C. L Pune.
2015	Prof. Ashok Mishra, IIT, Chennai
2015	Prof. Avinash Nagpal, GGSDU Amritsar
2015	Prof. S. K. Tripathi, Visiting Professor, Allahabad University

25. Seminars/ Conferences /Workshops organized & the source of funding

a) National

1. Nanotechnology workshop : 2013, 2014 & 2015, CSTT (commission for Scientific & technical Terminology)
2. Biochemistry of Metabolic Processes : 2015 , DBT
3. Immunology workshop: 2011, DBT

b) International- Nil

26. Student profile programme/course wise:

Name of the Course	% of students from the same state	% of students from the other states	% of students from abroad
B.Sc. (H) Zoology I Sem	20%	80%	0%
B.Sc. (H) Zoology I II Sem	11%	81%	0%
B.Sc. (H) Zoology V Sem	4%	96%	0%

Name of the Course/programme	Selected	Enrolled	
		*M	*F
B.Sc. (H) Zoology I Sem	38	11	27
B.Sc. (H) Zoology III Sem	89	38	51
B.Sc. (H) Zoology V Sem	62	30	32

*M=Male, F=Female

** For Pass Percentages in B.Sc. (H) Zoology for the last four years refer to Section 5.2.2

27. Diversity of Students:

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.:
Approximately 5-10%

29. Student Progression

Student progression	Against % Enrolled
UG to PG	40%
PG to M. Phil.	20%

PG to Ph.D	5%
Ph.D. to Post-Doctoral	1%
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	<ul style="list-style-type: none"> • 5% • 50%
Entrepreneurship/Self-employment	30%

30. Details of Infrastructural facilities

a) Library

Book purchased for Zoology

S. No.	Year	No. of Books	Amount (Rs.)
1	2009-2010	58	76500.00
2	2010-2011	42	71,500.00
3	2011-2012	54	68750.00
4	2012-2013	40	121264.00
5	2013-2014	41	136546.00
6	2014-2015	92	133954.00

b) **Internet facilities for Staff & Students** : Wi-Fi facility for all

c) **Class rooms with ICT facility**: 3 labs, + 3 LCD projector, and 1 Overhead Projector

d) **Laboratories** : 3 well equipped laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies :nil

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

- i) DST Inspire Science Camp : Dec 2013
- ii) DST Inspire Science Camp: Dec 2015

33. Teaching methods adopted to improve student learning:

- Interactive teaching and collaborative methods are used in the classroom, that include 'learning by doing', 'problem solving' techniques, focus on 'critical thinking', etc.
- Regular presentations are conducted to hone students confidence levels and analytical thinking on how to approach a new problem innovatively.

- Class assessments-writing of assignments.
- Group Discussion, ‘problem solving’,
- Powerpoint presentations,
- Oral presentations on research papers and review articles related to biotechnological methods.
- Short scientific films on environmental issues like global warming, rain harvesting etc., engaged in online examination on environmental studies.
- Preparation of laboratory files in innovative ways, projects etc.
- Through Social Networking Platforms such as Facebook Group “BIOCENOSE-Cell and Mol” is in circulation whose members are students of B.Sc. Zoology Hons and mutual exchange of scientific information is done regularly. This brings a close connection of the student and keeps the students interest in science updated.
- Field trips etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities such as NCC/NSS/Social awareness programmes etc. : NONE

35. SWOT (Strength, Weakness, Opportunity, Threat) analysis of the Department,

(a) **Strength:** The department is a perfect blend of experience and young workforce with enormous talent, energy and enthusiasm to perform and enrich the department and enhance the name of the Institution. The faculty has research grants from funding agencies like UGC/DBT/ICMR/DRDO that not only helps build facilities but also allows the students to get exposure to the latest. Department of Zoology admits students with good academic results at XII level and has diversity of students has brilliant students coming different states of the country.

Educational trips are organized by the department every year to enhance and enrich student’s knowledge, analytical skills and cognitive abilities.

Weakness: There are infrastructural constraints coupled with lack of teaching and non-teaching staff. All this adds to the weaknesses of the department. Financial crunch further stifles the students as they are unable to perform experiments.

Opportunity: As increasing number of teachers are gradually getting involved in various research activities, and it is helping us to increase the resource base of the department which will eventually enrich the department in long run.

Threat: Number of students per section for theory and Practical classes has increased. This has made quality teaching extremely difficult as the time given by faculty per student has reduced. This eventually mars the creativity and causes disinterest among the stake-holders. Further, the students are unable to retain their interest in some practical due to lack of dissections.

In the long run the future of the department will be at jeopardy. This definitely has the potential to create stress as there will always be more people aspiring for lesser and limited resources.

b. Future plans

- Extension of Research facilities and infrastructure for teachers not involved in research as yet.
- Applying for innovation and inter college collaboration of Zoology department to be prioritized.
- To make provisions for internship of students.