

Self-Study Report

**For Assessment & Accreditation by NAAC
(Cycle 2)**

Volume 2



**Submitted to:
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BANGALURU
August, 2015**

ROHILKHAND REGION

Catchment Area of Mahatma Jyotiba Phule Rohilkhand University, Bareilly (U.P.)



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By:



महात्मा ज्योतिबा फुले
रुहेलखण्ड विश्वविद्यालय, बरेली

MJP Rohilkhand University, Bareilly (U.P.)
www.mjpru.ac.in

August, 2015

Self-Study Report

Volume 2

Evaluative Reports of Departments



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Volume 2

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Part IV
**Evaluative
Reports of
Departments**
(2010-11 to 2014-15)



Self-Study Report for Accreditation by NAAC
MJP Rohilkhand University, Bareilly (U.P.)

Department of Animal Science

1. Name of the Department:
[Animal Science](#)
2. Year of establishment:
[1985](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[P.G., Ph.D., D.Sc.](#)
5. Interdisciplinary Programmes and Departments involved:
[N.A.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments.
[N.A.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	-	4 (CAS)
Associate Professor	2	1	-
Asst. Professor	4	3	-
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Neelima Gupta	Ph.D., D.Sc.	Professor	Parasitology	30	2
Dr. Satyendra M. Singh	M.Sc., Ph.D.	Professor & Head	Earthworm Ecology	23	3
Dr. Vrajesh Tripathi	M.Sc., Ph.D.	Professor	Reproductive Biology	19	2
Dr. Yogendra Prasad	M.Sc., Ph.D.	Professor	Fish & Fisheries	19	4

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
N.A.
13. Percentage of classes taken by temporary FacultyProgram- information:
45% classes are allotted to Guest Faculty along with the concerned Lab. courses
14. Program-wise Student Teacher Ratio:
10:1
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
Technical Staff – 4 (3 lab. Assistants & 1 Animal catcher),
Administrative - 2
16. Research thrust areas as recognized by major funding agencies:
Earthworm Ecology, Parasitology, Reproductive Endocrinology & Fish Pathology
17. Number of faculties with ongoing projects from
a) National
b) International funding agencies and
c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:
Annexure – 1
18. Inter-institutional collaborative projects and associated grants received.
a) National collaboration : One (with IVRI, Izatnagar)
b) International collaboration : Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
Annexure – 2

20. Research faculty / centre with
 - State recognition:
 - i) Vermiculture & Vermicomposting Centre (In charge-Prof. S.M.Singh)
 - ii) Centre of Excellence, Govt.of U.P. (In charge-Prof. N. Gupta)
 - National recognition: -
 - International recognition: -
21. Special research laboratories sponsored by / Created by industry or corporate bodies:
N.A.
22. Publications:
 - * Number of papers published in peer reviewed journals (national / international): **Annexure-3**
 - * Papers Published in National Journals 24
 - * Papers Published in International Journals 39
 - * Monographs: Nil
 - * Chapter in Books: 23
 - * Edited Books: 5
 - * Books with ISBN with details of publishers: **Annexure-4**
 - * Number listed in International Database (For e.g. Nil
Web of Science, Scopus, Humanities International
Complete, Dare Database –International Social
Science Directory, EBSCO host, etc.):
 - * Citation index – range / average: 202
 - * SNIP: Nil
 - * SJR: Nil
 - * Impact Factor – range / average: 0.2 to 3.96
 - * h-index: 7
23. Details of patents and income generated:
Nil
24. Areas of consultancy and income generated:
Vermicomposting & Organic Farming
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
Annexure -5



26. Faculty serving in
a) National committees b) International committees c) Editorial Boards
d) Any other (please specify):
Annexure - 6
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
28. Student projects
 - Percentage of students who have done in-house projects including inter-departmental projects:
N.A.
 - Percentage of students doing projects in collaboration with other universities / industry / institute:
N.A.
29. Awards/ recognitions received at the national and international level by
 - Faculty: **Annexure - 7**
 - Doctoral / post doctoral fellows: **-**
 - Students: **-**
30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
Annexure – 8
31. Code of ethics for research followed by the departments.
In research, the Department use those animals which are not in the group of endangered species and as per norms of Government of India, Ministry of Environment.
32. Student profile program- wise: 2010-15
(admissions on entrance test merit basis)

Name of the Program (refer to Q. no. 4)	Applicants admitted	Selected		Pass percentage Nearly..... in all the years	
		Male	Female	Male	Female
M.Sc. Animal Science (semester system)	30				
	2010-11	11	36		
	2011-12	10	35	95%	95%
	2012-13	12	47		
	2013-14	16	39		
	2014-15	12	35		
Ph.D. Animal Science	24 (enrolled for Pre PhD Course)	11	13	Ph.D. course semester examination is proposed to be held in Sept./Oct. 2015	

- There were no admissions in PhD Programs from 2011-2014)

33. Diversity of students:

Name of the Program (refer to Q. no. 4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state	% of students from other countries
M.Sc. Animal Science (Semester system)	99%	1%	Nil	Nil
Ph.D. Animal Science	99%	1%	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:

All the 24 students enrolled for Ph.D. course in Animal Science/Zoology in cleared SET examination (2014-15)

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nearly 100% seats in PG course filled
PG to M. Phil.	-
PG to Ph.D.	Approximate 48%
PG to Ph.D. to Post-Doctoral	Less than 1%
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	-
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	Nil
From other universities within the State	Yes (Prof. SM Singh, N.Gupta & V. Tripathi)
From universities from other State from	Nil (Prof. Y. Prasad)
Universities outside the country	Nil



37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:
Prof. Neelima Gupta, D.Sc. 2012
38. Present details of departmental infrastructural Facilities with regard to
- a) Library:
We do not have Departmental Library. Our students and staff consult the Central Library of the University
 - b) Internet facilities for staff and students in the Department:
Yes
 - c) Total number of class rooms:
2 Classroom & 2 Laboratories
 - d) Class rooms with ICT facility:
1 (One)
 - e) Students, laboratories:
02
 - f) Research laboratories:
04
39. List of doctoral, post – doctoral students and Research Associates
- a) From the host institution / university:
Dr. Suneel Kumar (P.D.F.), Ms. Nisha Dinkar, Ms. Neha, Ajay, Ms Rachna
 - b) From other institutions / universities:
Nil
40. Number of post graduate students getting financial assistance from the university:
N.A.
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
N.A.
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching – learning – evaluation? If yes, how does the department utilize the feedback?
The faculty members has direct interactions with the students to get the feedback
 - b. Students on staff, curriculum and teaching-learning – evaluation and how does the Department utilize the feedback?:
Yes, by enquiring about the conduction of laboratory courses by the staff
 - c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:
N.A.



43. List the distinguished alumni of the department (maximum 10):
1. Dr. Sunil Kumar, Associate Prof., Bareilly College, Bareilly
2. Dr. Dinesh Kumar, Assistant Prof., NDAU, Faizabad
3. Dr. Suneel Kumar, PDF (UGC), Deptt. Of Animal Science, MJPRU, Bareilly
44. Give details of student enrichment programs (special lectures/ workshops / seminar) Involving external experts.
Annexure-9
45. List the teaching methods adopted by the faculty for different programmes:
PPT, Projectors, Demonstrations & Notes
46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored:
It is ensured by direct interactions with the students frequently
47. Highlight the participation of students and faculty in extension activities:
The faculty is organizing extension cum awareness programs at the University Centre for Vermiculture & Vermicomposting on organic farming & vermi technology with our PG students very regularly and in the nearby areas for sustainable agriculture & rural upliftment.
48. Give details of “beyond syllabus scholarly activities” of the department
The Department organizes different lectures/talks by the subject experts from the country and abroad in diversified areas which are beyond the syllabus but are of the interest of the students and the staff.
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
No
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied:
The Department, besides providing applied education in Animal Science also provides basic knowledge to the farmers to opt organic farming system by organizing training programmes at Vermiculture & Vermicomposting Centre of the University and awareness programmes at the door of farmers as well as in different schools and colleges of the District.
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:
- Strengths
- The Department has four highly qualified and experienced faculty.
 - The Department has well equipped research laboratories in the field of environmental biology (earthworm ecology), Parasitology, endocrinology and fish pathology.



- iii. The Department has well equipped PG laboratories too and one Lecture Hall in the name of a Noble Laurate Dr. Hargovind Khorana and one smart class room with audio-visual facilities.
- iv. The Department has a 40 KW Generator for uninterrupted electric supply
- v. The course curriculum of our PG students is both research and job oriented

Weaknesses

- i. The department has 3 vacancies for the teaching post since last several years. These should be filled at the earliest.
- ii. Computation work is one of the important part of each Department. We do not have any class III employee as office computation assistant since last 3 years.
- iii. The process of intake of research students is slow. It should be improved.
- iv. A maintenance grant for laboratory equipments should be given to each faculty member every year as per the amount of expenditure given by the faculty in his/her satisfactory report.
- v. The internet facility of the department should be improved.

Opportunities

- i. The Department has a Centre for Vermiculture and Vermicomposting. This Centre provides free training to the farmers of Bareilly region, awareness programs to the schools/colleges students on organic farming, environmental sustainability and Vermicomposting. The centre is working for the “Transfer of technology from Lab to land”.
- ii. The Department provides the opportunities to the rural youth and the students of any standard to work on the motto “LEARN AND EARN MONEY” by opting Vermicomposting
- iii. The research areas in the Department are job oriented for the students
- iv. The students are free for the interaction with faculty members in all the working hours
- v. The Department also organizes extension programs at the doors of the farmers to provide new agrarian technology

Challenges

- i. The Department has a challenge to have an Auditorium cum seminar Hall.
- ii. To establish the Department as a place for high level research centre in the country
- iii. To establish the Department a unique centre for training and awareness on new, easily feasible farming technologies.
- iv. To establish an Earthworm museum, as these creatures are soil health improver
- v. To have more research projects.

52. Future plans of the Department:

- To organize national & international seminars on the applied aspects of life sciences
- To organize more training programs on rural development at the University Centre of Vermiculture Vermicomposting.
- To organize more awareness programmes at school /college levels students.
- To organize special lectures to our post graduate students.

Annexure – 1

Details about ongoing Projects

Sl. No.	Project/ PI	Funding Agency	Period (in years)	Amount (Rs.)
1.	Impact of Seasonal variations and pollution load on aquatic Environment and Fish Farming at micro level in different aquatic zones of river Ram Ganga (PI: Prof. N. Gupta)	UPCAR	2014-2017	18,00,000

Annexure – 2

Departmental Projects Funded by Different Agencies:

Sl. No.	Project/PI	Funding Agency	Period (in years)	Amount (Rs.)
1	Genetic & Molecular Impact of Climate change on aquatic Biota ass Centre of Excellence (PI: Prof. N. Gupta)	UP State Government	2011-14	80,00,000
2	Impact of Seasonal variations and pollution load on aquatic Environment and Fish Farming at micro level in different aquatic zones of river Ram Ganga (PI: Prof. N. Gupta)	UPCAR	2014-2017	18,00,000
3	Transfer of Vermitechnology from Lab. To Land (PI: Prof. S.M.Singh)	NABARD	2011-2013	1,00,000
4	Localization of nitric oxide synthitase and role of nitric oxide in ovarian steroidogenesis and maturation in a catfish H. fossilis (PI: Prof.V.Tripathi)	DST	2008-11	2887000



List of Research papers published by the faculty of the Department of Animal Science from 2010-2015

Prof. Satyendra M. Singh

1. **Singh, S.M.** (2015): Earthworm's Gut: The rich source of soil microbes. *VERMECO* 8(2):3
2. Kumar, S. & **Singh, S.M.** (2015): Acute toxicity of phorate to *Eisenia fetida* using simple paper contact method. *Adv. Biores.* 6 (4)* (**IF=1.436**) (accepted)
3. **Singh, S.M.** (2015): Earthworm's Castings: The noble source of soil microbes. *VERMECO* 8(1):3
4. **Singh, S.M.** (2014): Earthworms alter mineral spectrum of the soil- An XRD study. *J. Soil Biol. Ecol.* 34 (1&2):169-176*(**IF=2.6**)
5. Neha Ajay, **Singh, S.M.** & Rawat, M. (2014): *Metaphire posthuma*- a source of enhanced microbial population in the soil system. In: Biology & Ecology of Tropical Earthworms (ed. Chaudhuri & Singh), Discovery Publishing House Pvt. Ltd. p. 147-156.
6. **Singh, S.M.** (2014): Are earthworms useful for weed control? New management possibilities. In: Biology & Ecology of Tropical Earthworms (ed. Chaudhuri & Singh), Discovery Publishing House Pvt. Ltd. p. 195-208.
7. **Singh, S.M.**, Rachna, O. Prakash & A.K. Gangwar (2013): Excessive use of vermicompost declines crop yield of *Colocasia esculenta*...!. *J. Soil Biol. Ecol.* 33 (1&2):200-207.*(**IF=2.6**)
8. **Singh, S.M.** (2013): Suitability of tough Asiatic grass for vermicomposting. *Indian J. Weed Sci.* 45(1):55-57* (**IF, NAAS=3.94**)
9. **Singh, S.M.**, Prakash, O., Neha Ajay and Rachna (2012): A pilot study on the growth of *Triticum aestivum* and *Helianthus annuus* using vermicompost of two species of earthworms. *J. Soil Biol. Ecol.* 32 (1&2):122-129.* (**IF=2.6**)
10. **Singh, S.M.**, Prakash, O. (2012): Species richness and density of earthworm populations in grasslands of western Uttar Pradesh, India. *Adv. Earthworm Taxonomy-V* (Heidelberg), Germany. p- 111-118*.(**IF=0.434**)
11. Goswami, R., **Singh, S.M.**, Kataria, M. and Somvanshi, R. (2011): Clinicopathological studies on spontaneous *Hymenolepis diminuta* infection in wild and laboratory rats. *Braz. J. Vet. Pathol.* 4(2):103-111.*
12. Somvanshi, R., Singh, A.K., Bind, R.B., Kataria, M. & **Singh, S.M.** (2010): Long-term effects of *Polystichum squarrosus* fern feeding in hill cows. *Indian Fern J.* 27:216-233.
13. Goswami, R., **Singh, S.M.**, Kataria, M. and Somvanshi, R. (2010): Clinicopathological studies on spontaneous *Cysticercus fasciolaris* infection in wild and laboratory rats. *Indian J. Comp. Microbiol. Immunol. Infect. Dis.* 31 (1&2):51-58.
14. **Singh, S.M.**, Gangwar, G.R., Prakash, O. and Rachna (2010): Bio-composting of extracted peppermint plant residue (*Mentha piperita*) using red worm, *Eisenia fetida* and its effect on the growth of *Vigna mungo*. *J. Adv. Nat. Sci.* 2 (2):305-312.*(**IF=1.436**)

15. **Singh, S.M.**, Prakash, O., Gangwar, G.R. & Rachna (2010): Species richness and density of earthworms in western Uttar Pradesh, India. *Adv. Earthworm Taxonomy IV*, (Heidelberg), Germany. p. 133-140. ***(IF=0.434)**

Prof. Neelima Gupta

1. Gupta, D.K. & **Gupta, Neelima** (2010). A haemogram of *Clarias batrachus* parasitized by two species of haemoflagellates (*Trypanosoma batrachi* Qadri, 1962 and *Trypanoplasma haematalis* n. sp.) as an indicator of infectivity. *Rev. Fish. Sc.*, 18(2): 177-182.
2. Gupta, Arti and **Gupta Neelima**. (2010). Amplification of rat microsatellite loci in Druckrey. In: *Bioresources for Rural Livelihood Vol. I. Genetics, Biochemistry & Toxicology*. Kulkarni, G.K., Pandey, B.N., Joshi, B.D. (eds). Narendra Publishing House, Delhi. pp. 85-92.
3. Gupta Arti, **Gupta Neelima** and Gupta D.K. (2010). Molecular Investigation in Wistar Rats by RAPD Typing. *Science and Culture*, 76 (7&8): 261-266.
4. Singhal Priyanka and **Gupta Neelima** (2010). Population dynamics of *Genarchopsis* in *Channa striatus* of Rohilkhand region. In: *Bioresources for Rural Livelihood. Vol. III. Biodiversity and Ecology*. Kulkarni, G.K., Pandey, B.N., Dutta, N.C. (eds). Narendra Publishing House, New Delhi. pp. 419-424.
5. Sharma, P.K. and **Gupta Neelima** (2010). Prevalence of *Trypanosoma* species in *Rattus rattus* of Rohilkhand region. In: *Bioresources for Rural Livelihood. Vol. III. Biodiversity and Ecology*. Kulkarni, G.K., Pandey, B.N., Dutta, N.C. (eds). Narendra Publishing House, New Delhi. pp. 425-428.
6. Gupta, D.K., George, Ashima, **Gupta, Neelima** & Shalaby, S.I. (2010). Clinicopathological manifestations in some blood values of *Colisa fasciatus* (Bloch & Schn.) naturally infected with *Clinostomum* (Trematoda: Clinostomatidae) metacercaria. *Egypt. J. Appld. Sci.*, 25(8A): 566-575.
7. Verma, V.K., Gupta, **Neelima**, **Gupta**, D.K. and Krishna, G. (2010). Chromosomal aberration in *Heteropneustes fossilis* due to lead intoxication. In: *Bioresources for rural livelihood: Vol. II. Eds. Kulkarni, G.K., Pandey, B.N. and Pandey, P.N.* Narendra Pub. House, N. Delhi. 247-254.
8. Gupta, Arti and **Gupta, Neelima** (2011). PCR-RAPD and cross species rat microsatellite loci amplification in *Mastomys (Praomys) coucha* Smith, 1836. *Indian J. Biotech.*, 10: 45-51.
9. Gupta, D.K., Jahan, Naseem and **Gupta, Neelima**. (2011). Distribution pattern of Apicomplexan Parasites (Sporozoa: Haemosporida) in *Columba livia*, Gmelin. *J. Par. Dis.*, 35: 18-22.
10. Anjum, A., Gupta, K., Langer, S. & **Gupta, Neelima** (2011). Effect of physicochemical parameters on the metazoan parasite population of fishes from Poonch river, J & K state. *Biospectra*, 6(1): 20-25.
11. **Gupta, Neelima** (2011). Climatic change: An overview of the consequences for aquatic animal disease and health. In: *Bioresource Management and Aquatic Health*. Dilip Kumar, Rajendran, K.V., Jahageerdar, S. (eds). Invited article. Stadium Press India Pvt. Ltd. 233-242.



13. Gupta, D.K., Jahan, N. & **Gupta, Neelima** (2011). New records of *Haemoproteus* and *Plasmodium* (Sporozoa: Haemosporida) of rock pigeon, (*Columba livia*) in India. J. Par. Dis., 35:155-168.
14. Shalaby, S.I., Shalaby, S.I.A., Awad, M.A., Ahmed, S.Y., Ahmed, A.R., Ahmad, A.A., Hassan, A. and **Gupta, Neelima** (2011). Clinical and histopathological impacts of fish-borne parasites in some experimental final hosts. Proc. Zool. Soc. India, (Spl. Issue-Parasitology): 1-7.
15. **Gupta, Neelima** and Singhal, P. (2011). Comparative infection dynamics of larval helminthes in freshwater fishes of Rohilkhand. Proc. Zool. Soc. India, Par. (Supl. Issue- Parasitology) 1: 9-16.
16. Shalaby, S.I., Shalaby, S.I.A., Awad, M.A., Ahmed, S.Y., Ahmed, A.R., Ahmad, A.A. and **Gupta, Neelima** (2011). Experimental Clinico-pathological studies on enteric parasitic diseases of the final host (man) that are transmitted from fish. Proc. Zool. Soc. India, Par. (Spl. Issue- Parasitology) 1: 25-31.
17. **Gupta, Neelima** and Bhaskar, Manju and Gupta, D.K. (2012). Macroenvironmental influence on *Hepatozoon lacertilis* infectivity to lizard *Hemidactylus flaviviridis*. J. Env. Biol., 33 : 127-132.
18. **Gupta, Neelima**, Singhal, P. and Gupta, D.K. (2012). Population dynamics of *Pallisentis*
19. (Acanthocephala) in relation to host sex of *Channa*. J. Env. Biol., 33: 195-199.
20. **Gupta Neelima** (2012). Blood cell variants, haeme physiology and pathobiology under parasitic stress. Biospectra 7(2) : 21-24.
21. **Gupta, Neelima** & Singh, S.K. (2012). Assessment of water quality parameters at different sampling stations of Nakatia and Deorania rivers at Bareilly. Biospectra, 7(3): 71-76.
22. Gupta, D.K., **Gupta, Neelima** & Gangwar, R. (2012). Infectivity of *Bufo melanostictus* (Amphibia: Bufonidae) to two new species of haematozoan parasites from Rohilkhand, India. Proc. Zool. Soc. Kolkata 65(1):22-32. ISSN 0303-5893 DOI 10.1007/S 12595-012-0024.5
23. Ahmad, A. Saxena, A.K. & **Gupta Neelima** (2012). Population characteristics of *Austromenopon durisetosum* on common Snipe (*Gallinago gallinago*) (Scolopacidae: Charadriiformes: Aves). Natl. J. Life Sci., 9(1): 69-71. NAAS 3.2
24. **Gupta, Neelima** and Gupta, D.K. (2012). Erythropenia in piscine trypanosomiasis. Trends Par. Res., 1(1): 1-6. (Invited first article in Inaugural volume).
25. **Gupta, Neelima**, Bhaskar, M, and Gupta, D.K. (2013). Ecological attributes of *Hepatozoan lacertilis* Gupta *et al.*, 2011 susceptibility in Indian lizards, *Hemidactylus flaviviridis* (Gekkonidae) and *Calotes versicolor* (Agamidae). Tropical Biomedicine, Malaysia. 30(1): 1-8.
26. **Gupta Neelima**, Gupta, D. K., Verma, V. K. and Krishna, G. (2013). *In vitro* demonstration of clastogenic effects of zinc on the karyotype of *Clarias batrachus*. Proc. Indian National Science Academy. 79(2): 185-193.
27. Ahmad, A., **Gupta, Neelima** and Saxena, A.K. (2013). Reproductive system of an Icheran species, *Ardeicola expellidus* infesting cattle egret (*Bubulcus ibis*). The Bioscan. 8(2): 443-446.
28. **Gupta, Neelima**, Gupta, D.K., Amita and Devdutt (2013). Water quality assessment as indicators of pollution. Harmony 3(1): 5-12.

29. Shalaby, S.I., Mohammad El-Bahy, Ali Hassan, Hatem Shalaby and **Neelima, Gupta** (2013). Diagnostic value of some *Fasciola gigantica* antigens. J Par Dis. DOI 10.1007/s12639-013-0379-1.
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Prof. V. Tripathi

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Prof. Yogendra Prasad

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Books written with their details

Sl No.	Book	ISBN No.	Editor/s	Year of Publication	Publisher
1.	Biology and Ecology of Tropical Earthworms	978-93-5056-509-4	P.S. Chaudhuri & Satyendra M. Singh	2014	Discovery Publishing House, New Delhi Lucknow
2.	Modern Parasitology	978-93-82471-62-2	Gupta, Neelima and Gupta, D.K.	2014	Narendra Publishing House, Delhi
3.	Environment and Biodiversity	978-93-82471-51-6	Gupta, Neelima and Gupta, D.K.	2014	Narendra Publishing House, Delhi
4.	Fisheries & Aquaculture	978-93-5056-736-4	Gupta, Neelima and Gupta, D.K.	2015	Discovery Publishing House Pvt. Ltd., New Delhi
5.	Biotechniques and Biotechnology	978-93-5056-749-4	Gupta, Neelima and Gupta, D.K.	2015	Discovery Publishing House Pvt. Ltd. New Delhi

Annexure – 5

Faculty selected nationally & internationally to visit other Laboratories / institutions in India and abroad

1. Prof. Neelima Gupta visited University of Maryland, U.S.A. at aquatic Patho-Biology Centre – 2011 & National Research Centre, Cairo, Egypt – 2013.

Annexure – 6

Faculty Serving in National Committees / Editorial Boards etc.

Prof. NeelimaGupta:

- Member of peer team, NAAC, Bangalore, Member expert committee UGC for XIth Plan Development Assistance, Panel of Experts, NISCAIR, New Delhi,
- Advisor Personality Test Board for IFS Examination & Expert in Different Universities.

Prof. S.M.Singh:

- Expert in various selection Committees, Inspection Committees and Counselors in University Admission Committees.
- Editor – of a biannual bulletin on Agricultural Sustainability and Rural Development, entitled “*VERMECO*”



Awards/ Recognitions (2010-2015)

Prof. Neelima Gupta

- Platinum Jubilee Award, Indian Science Congress, 2010
Delivered the Platinum Jubilee Lecture at the 97th Indian Science Congress, Thiruvananthpuram.
- Best Orator Gold Medal, 2011
Awarded by the International Society for Contemporary Biologists at the International Conference on Life Science Research for Rural & Agricultural Development
- IAES Silver Jubilee Gold Medal 2012
Awarded for sustained contributions and patronage to the Indian Academy of Environmental Sciences
- Salgare Foundation Best Scientist of the year Gold Medal, 2012
Awarded in recognition of valuable contributions to the subject of Zoology and Environmental Science in general and Parasite Biodiversity and Toxicology in particular
- Distinguished Service Award, 2013.
Conferred by National Seminar on Environmental Issues and Challenges in the 21st Century for services rendered in Environmental Sciences.
- Life Time Achievement Gold Medal, 2013
Conferred by Indian Academy of Science & Nature for Outstanding Research & Academic Contributions in the field of Zoology
- Green Globe Award, 2014
Awarded by the International Society for Biodiversity Conservation and Research (ISRB) at the 2nd National Conference on Advances in Biosciences and Health Education.
- Vigyan Ratna Samman, 2014
Awarded by the Government of Uttar Pradesh for appreciable contributions in the field of Science & Technology
- Recognition Medal of Global Biodiversity Meet, 2014
Awarded at the Global Biodiversity Meet on Parasites and Aquatic Ecosystem Health in recognition to sustained academic efforts for the improvement of aquatic animal health
- Science Dissemination Award, 2014
Awarded by the District Science Club, Bareilly (sponsored by the Council of Science & Technology, Govt. of Uttar Pradesh) for sustained efforts for the promotion and dissemination of science and technology

Prof. S.M.Singh

- Awarded a Certificate of Appreciation as Earthworm Biologist by SEEER at TripuraCentral University, Tripura in 2012



Annexure-8

Seminar / Symposia /Conference Organized

1. Prof. Neelima Gupta
An International Conference on Recent Trends in Climatic Change
Researches vis – vis Biodiversity-2012.
2. Prof. S.M.Singh
*A National Seminar on Organic Farming for Sustainable Agriculture
(OFSA) funded by State Government and partially by the University in 2014.*

Annexure-9

Special lecture/ workshops organized

1. A lecture on Geriatric medicine by Prof. Shalaby (Cairo, Egypt) was
organized in the Department in 2012 (Prof. N. Gupta)



Department of Plant Science

1. Name of the Department:
[Plant Science](#)
2. Year of establishment:
[1985](#)
3. Is the Department part of a School/Faculty of the University?
[Yes, Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):
[P.G. and Ph.D.](#)
5. Interdisciplinary Programmes and Departments involved:
[Ph.D. Course; Plant Science & Botany](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments.
[N.A.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	02
Associate Professor	02	02	02
Asst. Professor	04	03	01
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Prof. V. P. Singh	M.Sc., Ph.D. FBS	Professor	Cytogenetics, Plant Breeding, & Environmental management	42	06
Prof. A. K. Jaitly	M.Sc., Ph.D., FSPR	Professor & Head	Microbial Biotechnology	30	06
Dr. Sanjay Kumar Garg	M.Sc., Ph.D. FBS	Associate Professor	Plant Biochemistry & Physiology	17	02
Dr. J. N. Maurya	M.Sc., Ph.D.	Associate Professor	Plant physiology & biochemistry	17	03
Dr. Alok Srivastava	M.Sc., Ph.D. FBS	Assistant Professor	Environmental Biotechnology	10	----

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:

1. Prof. R. K. Raghuvanshi, Jaipur, 2010
2. Prof. R. P. Singh, Lucknow, 2010
3. Prof. S. P. Khullar, Chandigarh, 2012
4. Prof. Arun Arya, Vadodra, 2011
5. Prof. Mohh. Anis, Aligarh, 2012
6. Prof. A. K. Jain, Gwalior, 2012
7. Dr. U. C. Lavania, Lucknow, 2014
8. Prof. D. K. Maheswari, Haridwar, 2013
9. Acharya Ravindra, Sonipat, 2015

13. Percentage of classes taken by temporary Faculty Program-information: 10%

14. Program-wise Student Teacher Ratio: 8.5:1

15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:

Post	Sanctioned	Filled
Lab Assistant	04	03 + 01 remployed
Office Assistant	01	01
Peon	03	02+ 01 contractual



16. Research thrust areas as recognized by major funding agencies:
Thrust areas of the Research work has been defined in order to keep local problems in mind and a direction have been taken by the department to work on the following aspects:
- Waste Utilization Technology
 - Microbial decay of City waste
 - Microbial decay of Plant refuse
 - Pollution control
 - Effect of heavy metals on plant & microbial physiology
 - Remediation of heavy metal toxicity by Plants and by Microbes
 - Soil Fertility
 - Use of bio-organisms in improving soil quality
 - Crop and Microbe improvement
 - By modifying gene through mutation, breeding, protoplast fusion
17. Number of faculties with ongoing projects from a) National, b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

Sl	Name of faculty	Agency	Project title	Grant Received	Year
1	Prof V P Singh	University	“Decontamination of Heavy metals from Soil and Water through Phytoremediation Plants (The Vetiver System for Environmental Protection and Natural Disaster Management)”	10 lakh	2008-11
2	Prof V P Singh	UGC	Studies on the effects of EDTA and Citric acid on the Phytoremediation efficiency of <i>Brassica juncea</i> (L.).	5 Lakh	2010-13
3	Prof A K Jaitly	State Govt.	Development of waste utilization technology and production of industrially important enzymes	49.25 Lakh	2010-13
4	Prof A K Jaitly	State Govt.	Microbial remediation of heavy metals from soil and water systems of Bareilly	6.80 Lakh	2015-17



18. Inter-institutional collaborative projects and associated grants received.
- a) National collaboration : NA
- b) International collaboration : NA
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
NA
20. Research faculty / centre with
- State recognition: Centre of Excellence by State Govt. 2009 & 2014
 - National recognition: NA
 - International recognition: NA
21. Special research laboratories sponsored by / Created by industry or corporate bodies:
N.A.
22. Publications: [Annexure-1](#)
- * Number of papers published in peer reviewed journals (national / international):
 - * Papers Published in National Journals 53
 - * Papers Published in International Journals 21
 - * Monographs: NA
 - * Chapter in Books: 04
 - * Edited Books: NA
 - * Books with ISBN with details of publishers: NA
 - * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database –International Social Science Directory, EBSCO host, etc.):
 - * Citation index – range / average:
 - * SNIP
 - * SJR:
 - * Impact Factor – range / average: 0.5 to 5.0
 - * H-index:
23. Details of patents and income generated:
Nil



24. Areas of consultancy and income generated:
Department is providing consultancy in the following lines
- Prof V P Singh:** On Decontamination of Heavy metals from Soil and water through Phytoremediation by Plants.
 - Prof A K Jaitly:** To the Industry Camphor & Allied Products Ltd Bareilly for microbial analysis of the used water and camphor products.
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
Two
26. Faculty serving in
- National committees
 - International committees
 - Editorial Boards
 - Any other (please specify):

Prof V P Singh

- Nominated member, Education advising committee Govt. Of U.P. 1997.
- Expert, U.G.C. Visiting Team for allocation of XI Five Year Plan Grant 2008.
- Member, Coordination Committee, U.P. SLET.- 2004 Organized by C.S.M. University, Kanpur (U.P.).
- Member, Core-Committee, U.P. C.P.M.T. – 2004 organized by C.C.S. University, Meerut (U.P.).
- University Coordinator, U.P. B.Ed. combined Entrance Test 2007 conducted by C.S.M. University, Kanpur & 2008 conducted by Dr. B.R. Ambedkar University, Agra, 2010 Lucknow University, Lucknow, and 2011 M.J.P. Rohilkhand University, Bareilly, 2012 RML University Faizabad, 2013, DDU Gorakhpur University, Gorakhpur, 2014 Bundelkhand University, Jhansi and 2015 Lucknow University, Lucknow.
- Nominated, Member Academic Council in AMT University, Gwalior by M.P. Private Regulatory Commission on 29.11.2013.
- Appointed Expert in UGC Committee for evaluation of proposals under the scheme of Research Project Grant dated 01.10.2013.

Prof A K Jaitly

- Life member of Indian Science Congress
- Life member of Indian Botanical Society
- Life member of Society for plant research
- Life member of Alumni association of Lucknow University Botany department
- Member of the Publication Committee of books on subject Botany by the Uttar Pradesh Hindi Sansthan



6. Judge in poster presentation on “Protect the Ozone layer : Save life on earth”
 7. Main speaker in a Social lecture on “Adulteration: Enemy of the Society” at Bareilly on 21 Jan 2010 Judge, in “Painting Competition on Global Warming” Organized by Rohilkhand Management Association at Bareilly on 28th Jan 2010.
 8. Worked as mentor in Inspire-internship Programme-2014 at Bankey Bihari Kanya Mahavidyalaya Ujhani, Badaun
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
1. Two week workshop on “Recent Technique in Plant Science”
 2. Two week Workshop on “Operation and Application of Gas Chromatograph and Mass Spectrometry”
 3. Organized workshop on “Role of IQAC in Assessment & Accreditation” on 22-23rd Dec.2012 & 27-29th Jan 2012” and 31st Jan. - 2nd Feb., 2014 and 22nd – 24th March, 2014, 13th – 15th Feb, 2015 as coordinator, NAAC Streering Committee/IQAC by Prof. V P Singh.
 4. Organized Seminar on “Alcohol/Smoking/Drugs: Their deleterious effects on Human Body” on 23rd Jan., 2010, 5th March, 2011, 24th Jan., 2012 and 16th Jan., 2014
 5. Organized Conference of the Indian Botanical Society on Oct. 10-12, 2011 at Lucknow University, Lucknow (U.P.), Dec 8-10, 2012 at M.S. University, Vadodara (Gujrat), Oct. 18-20, 2013 at DDU Gorakhpur University, Gorakhpur (U.P.), Nov. 7-9, 2014 at V.G. Vaze College, Mumbai (Maharashtra) as Secretary, Indian Botanical Society by Prof. V P Singh.
 6. Organized Prof. J.N. Rai Memorial Lecture in 2011, 2012, 2013 which was delivered by Prof. S.P. Khuller, Chandigarh, Prof. M. Anis, Aligarh, Dr. U.C. Lavania, Lucknow.
 7. Organized Prof. H.S. Srivastava Memorial Lecture in 2011, 2012, 2013 which was delivered by Prof. Arun Arya, Vadodara, Prof. A.K. Jain, Gwalior and Prof. D.K. Maheshwari, Haridwar.
28. Student projects
- Percentage of students who have done in-house projects including inter-departmental projects:
N.A.
 - Percentage of students doing projects in collaboration with other universities / industry / institute:
N.A.



29. Awards/ recognitions received at the national and international level by

▪ Faculty

Prof V P Singh

1. UGC-BSR Faculty Fellowship (BFF Award), 2015
2. Distinguished Service Award for contribution in Environmental Sciences Bareilly College, Bareilly 2013
3. Fellow of the Society of Plant Society of Plant Reproductive Biologists (FSPRB).Biologists, Agra. 2103
4. Secretary Indian Botanical Society.2010-13 and 2013-17

▪ Doctoral / post doctoral fellows

Dr. Pankaj Kumar Arora D. S. Kothari fellowship, 2013

Dr. Savita Gangwar R. A. CSIR, 2013

▪ Students

Dr. Sameer Chandra R. G. N. F, 2010

Dr. Indreshu Gautam R. G. N. F, 2010

Dr. Chandra Prabha R. G. N. F, 2010

Miss Archana Inspire fellow DST, 2015

30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

National Seminar on “Management of Environmental Pollution for Sustainable Energy Production” funded by State Government. No. of participant 110, in 2010

31. Code of ethics for research followed by the departments.

Yes, we have following ethical committees for conducting research and teaching:

1. Human Research ethical committee
2. Bio safety committee

32. Student profile program- wise:

(Admissions on entrance test merit basis)

Name of the Program (refer to Q. no. 4)	Applicants	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. 2010-11	400	10	21	100%	100%
M.Sc. 2011-12	360	06	18	100%	100%
M.Sc. 2012-13	380	12	19	100%	100%
M.Sc. 2013-14	400	07	22	100%	100%
M.Sc. 2014-15	410	08	18	100%	89%
Ph.D. 2014-15	65	09	11		

33. Diversity of students:

Name of the Program (refer to Q. no. 4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state	% of students from other countries
M.Sc.	100%	NA	NA	NA
Ph.D.	80%	10%	20%	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:

CSIR NET 4

Civil Services 1

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M. Phil.	NA
PG to Ph.D.	20%
PG to Ph.D. to Post-Doctoral	33%
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	NA
	15%
Entrepreneurs	60%

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	28.5%
From other universities within the State	71.5%
From universities from other State from	NA
Universities outside the country	NA

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:

NA

38. Present details of departmental infrastructural Facilities with regard to

a) Library:

Well equipped departmental library with furniture, books etc.

b) Internet facilities for staff and students in the Department:

Yes for staff it is in the department whereas student use internet at Computer centre



- c) Total number of class rooms:
3 Classroom
- d) Class rooms with ICT facility:
01
- e) Students laboratories:
02
- f) Research laboratories:
08
39. List of doctoral, post – doctoral students and Research Associates
- a) From the host institution / university
Home University Doctoral course work (Ph.D. course)
- | | |
|------------------------|--------------------------|
| 1. Ambika Singh Gautum | 10. Sadhna Trvedi |
| 2. Anshuman Gupta | 11. Sanjeev Kumar Maurya |
| 3. Archana | 12. Sataya Pal Verma |
| 4. Babli | 13. Siv Pratap Singh |
| 5. Geeta Gupta | 14. Shoeb Ahmad |
| 6. Jagjeet Singh | 15. Sompal Singh |
| 7. Nazish | 16. Vashundhra Sharma |
| 8. Raina Pal | 17. Virendra Kumar |
| 9. Rajkumar | 18. Deepak Singh |
- b) From other institutions / universities:
Ph.D. course work
1. Ashok Singh Yadav
 2. Madhvi Singh
 3. Santosh Singh Yadav
40. Number of post graduate students getting financial assistance from the university.:
Provision of Financial assistance is not available in State University
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
N.A.
42. Does the department obtain feedback from:
- a. Faculty on curriculum as well as teaching – learning – evaluation? If yes, how does the department utilize the feedback?
Yes, on the basis of feedback suggestion were given to the faculty to modify teaching & evaluation work.
 - b. Students on staff, curriculum and teaching-learning – evaluation and how does the Department utilize the feedback?:
Yes: through questioner.



- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:
Yes; through organising Alumni, employee meet; their view are incorporated to improve.

43. List the distinguished alumni of the department (maximum 10):

Name	Organisation
1. Dr. Anokhey Lal	Conservator of Forest
2. Dr. R. S. Sengar	Asso. Prof. GVBAU, Meerut.
3. Dr. Shailesh Sankhdhar	Astt. Prof. GB Pant Agriculture University.
4. Dr. Deepti Sankhdhar	Astt. Prof. GB Pant Agriculture University.
5. Dr. S. K. Garg	Asso. Prof. MJPRU, Bareilly
6. Dr. Alok Srivastva	Astt. Prof. MJPRU, Bareilly
7. Dr. Asha Singh	Astt. Prof. UPHES
8. Dr. Pratap Singh	Scientist C, UP Sugarcane Research Institute, Shajhanpur
9. Dr. Swarn Lata Kaur	Scientist C, Sorghum Research Institute, Jammu.
10. Dr. Manjender Kaur	Scientist, Merk (India)

44. Give details of student enrichment programs (special lectures/workshops / seminar) Involving external experts.

1. Prof. R. K. Raghuvanshi	Jaipur, 2010
2. Prof. R. P. Singh	Lucknow, 2010
3. Prof. S. P. Khullar	Chandigarh, 2012
4. Prof. Arun Arya	Vadodra, 2011
5. Prof. Mohh. Anis	Aligarh, 2012
6. Prof. A. K. Jain	Gwalior, 2012
7. Dr. U. C. Lavania	Lucknow, 2014
8. Prof. D. K. Maheswari	Haridwar, 2013
9. Acharya Ravindra	Sonipat, 2015

45. List the teaching methods adopted by the faculty for different programmes:

I. Teaching	II. Assessing
▪ Chalk & duster	Periodical tests
▪ Using O H P	Project evaluation
▪ Using Compute & LCD	Tour report
▪ Providing Notes	Practical exam
▪ Seminar & Discussion	Theory exam
▪ Projects	
▪ Practical	
▪ By Botanical Tours	



46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored:
Regular feedback from students and discussion with the experts invited in the department made us to ensure the fulfilment of programme objectives.
47. Highlight the participation of students and faculty in extension activities:
The department has active contribution in transmission of knowledge and information in the field of:
- Horticultural development all around Plantation in 2010, 2012, 2013
 - Pollution control and environmental protection, Radio talk 2012, 2015
 - Waste utilization technology, Ph.D. work in 2012, 2013
 - Improving soil fertility
- By organizing popular lectures, participation in social activity works, and delivering lectures in various social activities besides the following activities are also undertaken
- Faculty are regularly participating in orientation and awareness of teachers and students of degree and intermediate colleges.
 - Faculty and students are regularly going to botanical excursion tours for extension activities, 2010,2011
48. Give details of “beyond syllabus scholarly activities” of the department
- Invited lectures are regularly conducted in the department
 - Conduction of seminars, workshops etc
 - Two regular memorial lectures are being conducted First as Prof. J N Rai Memorial and second as Prof. H S Srivastava Memorial Lecture
 - Technical Writing Practice
 - Radio talk 2011, 2012, 2013, 201
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
NA
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied:
Research on local and regional problems are going on in the department
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:

Strengths

- i. Competent and experienced faculty
- ii. Interaction and co-ordination between students, faculty and administration
- iii. Periodic evaluation of courses, students
- iv. Transparency in evaluation and administration.
- v. Entire array of available equipments/technical expertise employed in life science under one roof

Weaknesses

- i. Up-gradation, computerization and automation of Library and development of internet facility for students
- ii. Expansion of recent society oriented academic cum professional programmes like Microbiology, Biotechnology, Bioinformatics, Nanotechnology, Biophysics, Biotic etc. both at UG and PG level.

Opportunities

Challenges

52. Future plans of the Department:

Challenges

- Vast use of the non-renewable energy source with the further increase in population will create an acute energy problem in the coming years. It is therefore necessary to search out the alternate energy sources. Further the increased population has also resulted in the production of huge waste all around us. If this bio-waste could be used for the production of fuel/energy, then it will be possible to minimize the problem in coming decades. Keeping the above in view, the Department of Plant Science, MJP Rohilkhand University, Bareilly has undertaken this as a thrust area of work and doing research in waste utilization, food and fuel production, removing pollution.
- We are planning to establish a centre of Bioinformatics as it has wide applicability in plant research
- Areas of the Research work has been defined in order to keep local problems in mind and a direction has been taken by the department to work on the following aspects:
 - Waste Utilization Technology
 - Microbial decay of City waste
 - Microbial decay of Plant refuse
 - Pollution control
 - Effect of heavy metals on plant & microbial physiology
 - Remediation of heavy metal toxicity
- By Plants
- By Microbes
- Soil Fertility
- Using bio-fertilizers
- Technology Transfer Centre for applied research
- Expansion of Department to a faculty of Life Sciences along the lines of other Central Universities comprising of Departments of Biochemistry, Microbiology, Genetics & Molecular Biology, Biotechnology





PUBLICATIONS

Research Papers:

1. Bedi, M. K., Jaitly, A. K. and Kanwar, K. (2009) Studies on Co₂ evolution in soils from green manures compost and nitrogen fertilizers under aerobic and anaerobic condition. *Crop Research J.* 37(3):
2. Bedi, M. K., Jaitly, A. K. and Kanwar, K. (2009) Microbial count in soil as influenced by the addition of organic and inorganic fertilizers under different moisture regions. *Research on Crop J.* 10 (2):
3. Mishra, A., Jaitly, A. K. and Srivastava, A. K. (2009) Antihyperglycaemic activity of six edible plants in validated animal models of diabetes mellitus. *Indian J Sci. & Tech.* 2: 80-86.
4. V.K. Dubey, Aminuddin, and V.P. Singh.(2009) First report of Bean Yellow mosaic Virus (BYMV) in Gladiolus in India.*J. Plant Pathology* 91(4Sup.) S4 110.
5. Agrahari,S, Chaturvedi,Y., Garg, S.K., Prabhuji, S.K. and Rao, G.P.(2009). Association of *Candidatus* phytoplasma asteris with little leaf and phyllody disease of *Catharanthus roseus* in Eastern UttarPradesh, India. *J Medicinal Plants*.1(2): 103-108.
6. Anant Prakash, and V.P. Singh.(2010). Seasonal variation in nitrate reductase activity, Nitrate content, Amino-acid, Protein and total nitrogen contents in roots and leaves of *Populus deltoids*. *Plant Archives* 10(1): 153-158.
7. Gangwar, S., Singh, V.P., Prasad, S.M., Maurya, J.N., (2010). Impact of gibberellic acid on growth and antioxidant defense mechanism in pea seedlings subjected to manganese phytotoxicity. *J. Biochemical and Cellular Archives.* 10(1), 13-20.
8. Gangwar, S., Singh, V.P., Prasad, S.M., Maurya, J.N., (2010). Modulation of manganese toxicity in *Pisum sativum* L. seedlings by kinetin. *J Scientia Horticulturae*, 126, 467-474.
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12. V. K. Sinhal, Alok Srivastava, and V.P. Singh. (2010). EDTA and Citric acid mediated Phytoextraction of Zn, Cu, Pb and Cd through Marigold.*J. Environ. Biol.* 31:225-259.

13. Y. Goel, M. Lal, M. L. Sharma, and V.P. Singh. (2010). In vitro morphogenesis in leaf sheath explants of sugarcane hybrid var: CoS 99259. *Sugar Tech.* 12(2): 172-175.
14. Awasthi, V., Sengar R.S. and Garg, S.K. (2011). Influence of abscisic acid on enzymes of ammonium assimilation in roots and shoots of maize seedlings. *Research Journal of Agricultural Sciences.* 2(3): 623-625.
15. Prabha, C., Jaitly, A.K. (2011). Exponential solution for remove the pollution from waste water of different site. *International of Biosolution*, 2:49-53.
16. Gangwar, S., Singh, V.P., and Maurya, J.N. (2011). Responses of *Pisum sativum* L. to exogenous indole acetic acid application under manganese toxicity. *Bulletin of Environ. Contamination & Toxicology*, 86: 605-609.
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20. Kumar, J., Alok Srivastava, A., Singh, V.P. (2011). EDTA enhanced Phytoextraction of Pb by Indian Mustard (*Brassica juncea* (L). *Plant Sciences Feed* 1 (9): 160-166.
21. Kumar, C. S., Singh, A., Sagar, R.K. and Maurya J.N. (2011). Effect of indole acetic acid on wheat (*Triticum aestivum* L.) irrigated with sewage water. *Journal of Phytology*, 3(8):08-11.
22. Kumari, M., Sinhal, V.K., Srivastava, A., Singh, V.P. (2011). Cytogenetic effects of Cd+2, Cu+2 and Zn+2 in *Vigna radiata* (L) Wikzek. *J.Phytology* 3 (8) :38-42.
23. Kumari, M., Sinhal, V.K., Srivastava, A., Singh, V.P. (2011). Zinc alleviates Cadmium induced toxicity in *Vigna radiata* (L) Wikzek. *J.Phytology*, 3(8) : 43-46.
24. Khan, M. F., Jaitly, A.K. (2011). The Unrevealed Target Binding Hotspots Secrets of miRNA in Rice by using Bioinformatics Approach and support vector Machine. *The open Bioinformatics Journal.* 5:1-7.
25. Khan, M. F., Chauhan, G., Jaitly, A.K. (2011). An approach To overcome imbalance dataset of eukaryotic genomes during the analysis machine learning technique. *Indian Journal of Sciences and technology.* Vol. 4, PP. 19-24.
26. Khan, M. F., Yadav, B. S., Ahmad, K. and Jaitly, A.K. (2011). Mapping of LINEs and SINEs in Rice Genome. *Bioinformatics.* Vol. 7(6). PP. 276-279.
27. Srivastava, P., Jaitly, A.K. (2011). Ecological Analysis and Isolation of Saprophytic thermophiles from Sunderban Mangrove Forest. *Journal of Plant Development Sci*, 3:275-277.



28. Shukla, S. and Jaitly, A. K. (2011). Morphological and Biochemical Characterization of Different Oyster Mushroom (*Pleurotus spp.*). *Journal of Phytology*. Vol 3(2).PP. 78-80.
29. Sengar, K., Sengar, R.S. and Garg, S.K. (2011). The effect of in-vitro environmental conditions on some sugarcane varieties for micropropagation. *African Journal of Biotechnology* 10(75): 17122—17126.
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32. Shabana, Srivastava, A., Singh, and V.P. (2011). Chelate Assisted Phytoextraction Potentiality of *Vetiveria zizanioides* (L.) Nash against Pb and Cd by EDTA. *Int J. Environ. Sci*, 1(1) :77-82.
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39. Gangwar, S., Singh, V.P., Prasad, S.M. and Maurya, J.N. (2012). Exogenous application of indole acetic acid differentially modulates hexavalent chromium tolerance in pea seedlings: Possible involvement of antioxidants. *Bulletin of Environ, & Scientific Research*. 1:25-34.
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71. Maurya, S. K., Srivastava, A. and Garg, S. K. (2014). Karrikin: A Seed Germination Stimulant. *Life Science leaflets*. 57; 86-94
72. Archana, Singh, H. & Jaitly, A.K. 2014. Bioremediation: Environmental Biotechnology for heavy metals decontamination of soil & water. *Biochem. Cell Arch*. 14:259-281.
73. Shubhra Shukla, Shiv dayal and A.K. Jaitly. 2014. Mathematical representation for effect of temperature on mycelia growth of *Calocybe indica*. *Journal of Microbiology and Antimicrobials*. 6: 111-115.
74. Khan, M. F., Jaitly, A. K. and Kumar, V. (2015). Gene Sequence of PPO Regulatory Region-OS OSJ Submitted to Gene Bank with accession number KP769593.

Chapter in Books:

1. Sengar, R.S., Sengar, K., Garg, S.K. and Singh, V.P. (2009). Use of Plant Genetic Resources for Sustainable Food production and Nutritional Security: Today's World Need. In: Food Production Stability and Sustainability of Agriculture: *A Challenge ahead in 21st Century*. Edited by: R.S. Sengar, A. K. Sharma Studium press, USA.
2. Kalpna Sengar, Christain follmer, Sanjay Kumar Garg, Ankush Innani, R.S. Sengar, H.B. Singh and V.P. Singh. (2010). In: Use of Plant Genetic Resources for sustainable food and nutritional security: Today's World need. Stable food production & Sustainable Agriculture, Published by Studium Press (India) Pvt. Ltd. New Delhi, pp.352-372.
3. Tripathi, D. K., Singh, V.P., gangwar, S., Prasad, S. M., Maurya, J. N. and Chauhan, D. K. (2013). "Role of Silicon in Enrichment of Plant Nutrients and Protection from Biotic and Abiotic Stresses". In P. Ahmad et al. (eds.) *Improvement of Crops in the Era of Climatic Changes: Volume I*. Springer Science + Business Media New York 2014.
4. Gangwar, S., Singh, V.P., Tripathi, D.K., Maurya, J.N., Chauhan, D.K., Prasad, S.M., (2014) "Plant Responses to Metal Stress: Emerging Role of Plant Growth Hormones (Auxins, Gibberellins and Cytokinins) in toxicity alleviation". In: Parvaiz Ahmad and Saiema Rasool (Eds.) *Emerging Technologies and Management of Crop Stress Tolerance: Volume II-A Sustainable Approach*. Elsevier USA.



Department of Applied and Regional Economics

1. Name of the Department:
[Department of Applied and Regional Economics](#)
2. Year of establishment:
[1985](#)
3. Is the Department part of a School/Faculty of the university?
[University Faculty.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):
[M.A.; M. Phil.; Ph. D.](#)
5. Interdisciplinary programmes and departments involved:
[Nil.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[Nil](#)
7. Details of programmes discontinued, if any, with reasons:
[Nil](#)
8. Examination System:
[Semester](#)
9. Participation of the department in the courses offered by other departments:
[Nil](#)
10. Number of teaching posts sanctioned, filled and actual:

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	--	--
Associate Professors	02	--	02
Asst. Professors	04	01	01
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. M. K. Singh	M. A., D. Phil.	Associate Professor	Rural Development; Gender Studies.	25	Ph. D. 05 M. Phil. 16-18
Dr. Subodh Dhawan	M. A., M. Phil.	Associate Professor	Agricultural Economics; Econometrics.	25	M. Phil. 16-18
Dr. Mohammad Israr Khan	M. A., UGC-JRF (Eco.), M. Ed., UGC-NET (Edu.), Ph. D.	Assistant Professor	Land Acquisition; Economics of Education; Women Empowerment; Panchayati Raj; Tasawwuf; and Critique of Consumerism.	17	M. Phil. 16-18

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:
Nil
13. Percentage of classes taken by temporary faculty – programme-wise information:
M. A.: 50%; M. Phil.: 00%; Ph. D.: 00%.
14. Programme-wise Student Teacher Ratio:
M. A.: 13:1; M. Phil.: 5:1; Ph. D.: 4:1.
15. Number of academic support staff (technical) and administrative staff:
Technical: Nil; Administrative: 3 (Clerical 2, Attendant 1)
16. Research thrust areas as recognized by major funding agencies:
1. Human Development;
2. Land Acquisition;
3. Regional Studies.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

National:

- UGC – Major Research Project (Feb. 2011 – July 2013) on Urbanization and Environmental Degradation – Rs. 6.0 lakh
- UP Govt. – Centre of Excellence Research Project (April 2014 – undergoing) on Human Development Research – Rs. 8.34 lakh



18. Inter-institutional collaborative projects and associated grants received:
- a) National collaboration: Nil
 - b) International collaboration: Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.:
Nil
20. Research facility / centre with
- State recognition: Nil
 - National recognition: Nil
 - International recognition: Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies:
Nil
22. Publications:
- Number of papers published in peer reviewed journals (national/international): **19 (Annexure 1)**
 - Papers Published National Journals **06**
 - Papers Published International Journals **13**
 - Monographs: **03**
 - 1. Women Entrepreneurship and Entrepreneurial Subordination in the Contemporary Context. Working Paper. 2015.
 - 2. Destructive Creation and Subordinate Entrepreneurship. 2015.
 - 3. Political economy of Land Acquisition in India. 2015.
 - Chapters in Books: **05**
 - 1. A Discussion on Utilitarianism and Renunciation.
 - 2. In 'Sufism and Indian Spiritual Traditions: Sustaining the Education of Heart'. In M S Siddiqui (ed). Shanti Niketan University. 2015
 - 3. Women through Economic and Entrepreneurial Literature.
 - 4. In Empowering the Role & Images of Women through Literature: Present Scenario & Futuristic Contemplation. 2015. [Under publication]
 - 5. Extended Participation and Redistribution Scheme for Linear Land Acquisition Projects.
 - 6. In P. Majeed & B. Biswas (ed). Land, Water and Renewal Energy for Sustainable Development. Agra: Associated Publishers. 2015. Pp. 79-84.
 - 7. Land Acquisition, Dispossession and Alternatives for Inclusion: A Case Study of NH24 Bareilly Bye-Pass Land Acquisition. Seminar Proceedings, AMU, Aligarh.
 - 8. Role of Contract Farming and Agricultural Productivity. In S K Mishra (ed) Food Security in India. New Century Publications. New Delhi. 2013.
 - Edited Books: Nil

- Books with ISBN with details of publishers:
 1. Dr. M. I. Khan (2012-13): Economics of Traditional Educational Systems of India [ISBN: 978-93-5074-062-02]. New Delhi: Abhijeet Publications.
 2. Dr. M. K. Singh (2015): Contract Farming, Food Security, and Distributive Justice. Neel Kamal Publications, New Delhi.
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 10
- Citation Index - range / average: NA
- SNIP NA
- SJR NA
- Impact Factor - range / average: 3-4
- h-index: NA
- 23. Details of patents and income generated: Nil
- 24. Areas of consultancy and income generated: Nil
- 25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Nil
- 26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify): Editorial Boards- 04
- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs): Nil
- 28. Student projects:
 - Percentage of students who have done in-house projects including interdepartmental projects: M. Phil.: 100%; M. A.: 100%
 - Percentage of students doing projects in collaboration with other universities/industry/institute: Nil
- 29. Awards / recognitions received at the national and international level by
 - Faculty: Nil



- Doctoral / post-doctoral fellows: Nil
- Students: Nil

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

05

31. Code of ethics for research followed by the departments:
Yes, Departmental projects, M. Phil. Dissertations, and Ph. D. thesis are focused on the priority areas for research identified by the department. Strict observance is paid to the genuineness of field work and to the reliability of research work. Plagiarism is avoided as much as possible.

32. Student profile programme-wise:

Name of the Programme (refer to question 4)	Applications Received	Selected			Pass Percentage	
		Male	Female	Total	Male	Female
M. Phil.	Approx. 50 per year					
2010-11		11	04	15	100%	100%
2011-12		7	9	15+1	100%	100%
2012-13		6	9	15	100%	100%
2013-14		6	9	15	100%	100%
2014-15		7	8	15	100%	100%
M. A.	Approx. 60 per year					
2010-11		14	11	25	100%	100%
2011-12		16	7	23	100%	100%
2012-13		23	10	33	100%	100%
2013-14		26	9	35	100%	100%
2014-15		16	11	27	100%	100%

33. Diversity of students (2010-11 – 2014-15):

Name of the Programme (refer to question 4)	% of students from the same University	% of students from other Universities within the state	% of students from other Universities outside the state	% of students from other Countries
Ph. D.	90%	Nil	10%	Nil
M. Phil.	80%	20%	Nil	Nil
M. A.	90%	10%	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NET/SET: 05;

Ph. D. entrance: 05

35. Student progression (Student progression Percentage against enrolled):

Student Progression	% against enrolled
UG to PG	NA
PG to M.Phil.	25%
PG to Ph.D.	X
Ph.D. to Post-Doctoral	X
Employed	20%
▪ Campus selection	X
▪ Other than campus recruitment	20%
Entrepreneurs	20%

36. Diversity of staff:

Percentage of faculty who are graduates	
from other universities within the State	67%
from universities from other States	Nil
From universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Ph. D.: 01 (Dr. M. I. Khan)

38. Present details of departmental infrastructural facilities with regard to

a) Library	Yes
b) Internet facilities for staff and students	No
c) Total number of class rooms	03
d) Class rooms with ICT facility	01
e) Students' laboratories	Nil
f) Research laboratories	Nil

39. List of doctoral, post-doctoral students and Research Associates:

a) From the host institution/university: (RA - Dr. A. K. Verma)	02
b) From other institutions/universities	Nil



40. Number of post graduate students getting financial assistance from the university:
Nil
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
NA
42. Does the department obtain feedback from:
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, The experience and feedback of the faculty is incorporated in an informed and deliberative manner into the restructuring of the course content, curricula, and syllabi for different programs of the department.
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, Students are required as well as freely allowed to provide valuable feedback for the improvement of teaching-learning environment and directing the course delivery as per their needs. Assignments for internal assessment duly utilize the student inputs.
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback?
No
43. List the distinguished alumni of the department (maximum 10):
- 1. Dr. M. I. Khan, Assistant professor, MJPRU, Bareilly
 - 2. Dr. Poonam Rani, Assistant professor, SM College, Chandosi
 - 3. Dr. Renu Nair, Associate Professor, University of Delhi
 - 4. Mrs. Dumnesh Kumari, DSO, Pilibhit
 - 5. Virendra Singh, Ministry of Finance, UP Govt.
 - 6. Dr. Vinod K Upadhyay, Associate Professor, PGTT College, Jaipur
 - 7. Dr. Harish Joshi, Assistant Professor, Govt.College, Pithoragarh
 - 8. Dr. Mehdi Hasan, Lecturer, Islamia Inter College, Bly
 - 9. Dr. Harmeet Singh Madh, Asstt. Fellow NIPFP, New Delhi
 - 10. Dr. Kisore Joshi, Professor, Saurashtra Univ., Gujarat
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:
Special lectures by external experts/resource persons- 5; Internal seminars- 3; workshop- 1
45. List the teaching methods adopted by the faculty for different programmes:
Lecture; Tutorial; Case Study; Field Work; PPP; ICT based guidance; Web Support.



46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Learning outcomes are assessed and monitored through continuous evaluation and monitoring, mid semester tests, assignments, seminar presentations etc. as well as end semester examinations.
47. Highlight the participation of students and faculty in extension activities:
Focused participation of teachers and students for social surveys, market surveys, village level data collection, field visits etc.
48. Give details of “beyond syllabus scholarly activities” of the department:
Participation in Socio-Economic issues, debates, media-debates etc.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:
No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
The Department of Applied and Regional Economics has been very instrumental in promoting the understanding of socio-economic issues in the state of UP and in the region under the jurisdiction of the university. It is a pioneering center of research and provides academic leadership to the colleges of the university. It has got specific talents to provide guidance to the students for leadership careers and positions.

The department is seriously involved in informed decision making and discussions regarding social and economic justice to the down trodden and weaker people, especially the peasantry, labour, and scheduled categories. Land acquisition, women empowerment, human development, and panchayat raj etc. have been the thrust areas of research.

The department has got the specific privilege of participatory research in the form of closely associated working, observation, data collection, and solution based engagement with the affected people, especially the land acquisition affected farmers and women.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
Strengths:
i. Committed and Skilled faculty;
ii. Departmental Character;
iii. Committed to the cause of National Economic Growth and Development;
iv. Deep concern with Social and Economic Justice;
v. Conflict-less amicable academic environment.

Weaknesses:
i. Passion for the Academic Standards;
ii. Passion for the Economic and Distributive Justice;
iii. Socially oriented and Pro-activist Spirits;



- iv. Too much interference of financial and executive wings of the university;
- v. Lack of professional resilience.

Opportunities:

- i. The Transitional phase of Economic Reforms and Contemporary Changes as a ground for conflict resolution and solution oriented research;
- ii. High time for Academic Leadership and Professionalism;
- iii. Web based and ICT enabled environment;
- iv. Regional Resource Availability;
- v. Partnership in the progress of the people and the nation.

Challenges:

- i. Global Competition;
- ii. Economic transition and the problem of adjustments;
- iii. How to stand apart with a great academic and intellectual identity;
- iv. How to educate and train today's youngsters for the promising tomorrows;
- v. How to prove the existence and continuance of the department!

52. Future plans of the department:

- i. Consolidation and Strengthening of existing programmes and facilities;
- ii. Meeting the manpower requirement;
- iii. Launching of the department as a platform for basic and fundamental research in Economic Sciences;
- iv. Collaboration with institutions of national and international repute;
- v. Working with the people and the Government.

Annexure – 1

**Papers Published in Peer Reviewed Journals
(National/International):**

1. Islamic Education Systems: A Complementary and Cost Effective Channel for Inclusive Elementary Education. International Journal of Multidisciplinary Research and Development. IJMRD Vol. 2. Issue 4 (A). April 2015: 01-09. [e-ISSN: 2349-4182, p-ISSN: 2349-5979]
2. Equity Impact of Linear Land Acquisition Projects: A Case for Participatory Redistribution Paradigm. International Journal of Multidisciplinary Research and Development (IJMRD) Vol. 2 (2 H). February, 2015: 452-461. [e-ISSN: 2349-4182, p-ISSN: 2349-5979].
3. Land Acquisition Effects on Capital base of Affected Persons. International Journal of Innovative Research and Development. IJIRD Vol. 4. Issue 1. January, 2015: 188-196 [ISSN: 2278-0211].
4. Land Acquisition Compensation in India: A Thumb Rule. International Journal of Law and Legal Jurisprudence Studies. IJLLJS Vol. 2. Issue 1. January 2015: 1-21. [ISSN: 2348-8212].

5. Traditional Indigenous Systems of Education as Low Cost Feasible Alternatives. *International Journal of Social Sciences and Interdisciplinary Research*. Vol. 4 (1), January 2015: 19-28. [ISSN online 2277- 3730].
6. A Critique of Socio-Economic Value of Education: Case for Subaltern Paradigm of Schooling. *International Journal of Multidisciplinary Research (IJMRD)* 2015; 2(1): 56-61). [e-ISSN: 2349-4182, p-ISSN: 2349-5979].
7. Comparative Economic Perspectives on Education. *International Journal of Entrepreneurship and Development (IJEDS)*. Vol. 2, No. 2, December 2014, 87-102 [Published by World University of Bangladesh, Dhaka].
8. Consumerism, Climate Change and Renunciation. *South Asian Journal of Multidisciplinary Studies*. SAJMS Vol. 1. Issue 4. December 2014: 1-13. [ISSN: 2349-7858].
9. Some Observations on Compensation and Productive Capital Base Depreciation of Land Acquisition Affected Farmers. *Excellence International Journal of Scientific Research*. Vol. 1 (2), December 2014: 85-93 [ISSN: 2394-4242].
10. Land Acquisition and Development. *AVSAR Socio-Economic Journal*. Vol.1. No.2. July-December 2014. Pp. 3-10. [ISSN: 2348-7380].
11. Inclusive Alternatives and Policy Options for Highway Land Acquisitions in India. *International Journal of Multidisciplinary Research and Development*. IJMRD Vol. 2. Issue 1 (H). January 2015: 373-377. [e-ISSN: 2349-4182, p-ISSN: 2349-5979]
12. Employment/Unemployment Situations in Post Reform Period: A Study of Rural-Urban Divide [co-authorship] *International Journal of Research (IJR)* Vol-1, Issue-11 December 2014: 57-68. (ISSN 2348-6848) 2014.
13. Virtual Integrated Commodity market: A Kaleidoscopic Perspective [co-authorship] *New Man International Journal of Interdisciplinary Studies* Vol-1 Issue 11 Nov. 2014: 57-68. (ISSN: 2348-1390) 2014.
14. Consumer Renunciation: The Sufi Way. *MITHRA*-Vol.1. No.2. April-September 2014. [ISSN: 2348-6716] [Under Publication].
15. Utilitarianism, Renunciation and The Sufis' Will-less-ness.
16. [Accepted 5 June - sent 3 April 2015] *International Journal of Entrepreneurship and Development Studies*. April 2015.
17. Relevance of Traditional Indigenous Systems of Schooling. *IJMH*. July 2015.
18. Contract Farming and its Impact on Agriculture. *AVSAR- Socio-economic Journal*. Vol. 1. No. 1. January 2014.
19. Contract Farming: Its Impact on Food Processing Industries and Employment. *UPUEA Economic Journal*. Vol. 7. No. 7. October 2013.
20. Foreign Direct Investment in Retail Sector. *UPPUEA Journal*. Vol. 6. No. 6. April 2013.



Department of Ancient History & Culture

1. Name of the Department:
Department of Ancient History & Culture
2. Year of establishment:
1985
3. Is the Department part of a School/Faculty of the university?
Yes, This Department is part of Faculty of Advanced Social Sciences.
4. Names of programmes offered (M.A., M.Phil. & Ph.D.)
M. A, M. Phil and Ph. D in Ancient History and Culture
5. Interdisciplinary programmes and departments involved:
 - a. Greco-Indian Studies
 - b. Indo-Iranian Studies
 - c. Archaeology
 - d. Numismatics
 - e. Museum Development
6. Courses in collaboration with other universities, industries, foreign Institutions, etc.
 - a. Greek Language teaching with support of Greek Embassy, New Delhi.
 - b. Persian Language teaching with support of Iran Culture House, New Delhi.
7. Details of programmes discontinued, if any, with reasons
NIL
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester system
9. Participation of the department in the courses offered by other departments
NIL
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching posts	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	03
Associate Professor	02	01	01
Assistant Professor	04	03	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance -

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Atul Kumar Sinha	Ph.D.	Professor and Dean	Philosophy of History and Historiography, Axiology, Inter-Cultural Studies, Religion and Philosophy and History of Ideas.	28	M. Phil.-12
Dr. Abhay Kumar Singh	Ph.D.	Professor	Ancient Indian contacts with the Persians Bactrians and Indo-Greeks	22	M. Phil - 12 Ph.D. - 05
Dr. Shyam Bihari Lal	Ph. D.	Professor and Head	Interaction between Ancient India and Greece, and Socio-economic History and Epigraphic Sources of History	20	M.Phil. -15 Ph.D. -05
Dr. Vijay Bahadur Singh Yadav	Ph. D	Associate Professor	Puranic Studies	16	M.Phil. -14 Ph.D. -01

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors -
NIL
13. Percentage of classes taken by temporary faculty – programme-wise information
- | | |
|----------|-------|
| M. A. | - 50% |
| M. Phil. | - NIL |
| Ph. D. | - NIL |
14. Programme-wise Student Teacher Ratio
- | | |
|----------|---------|
| M. A. | - 1:10 |
| M. Phil. | - 1:5 |
| Ph. D. | - 1:7.5 |
15. Number of academic support staff (technical) and administrative staff: Sanctioned, filled and actual

S. No.	Support Staff	Sanctioned Posts	Actual
1	Clerk	01	01
2	Excavation and Exploration Assistant	01	01
3	Draughtsman	01	01
4	Photographer	01	01
5	Stenographer	01	01
6	Peon	01	01



16. Research thrust areas as recognized by major funding agencies -
Graeco-Indian Studies. Archaeological Investigation, Indo-Iranian Studies and Museum Development
17. Number of faculty with ongoing projects from (a) national (b) international funding agencies and (c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise -
 - a) National -
 - Centre of Excellence award for Museum development – 2014-15 Grant received Rs. 14 Lakhs.
 - Development of Numismatic Research Lab. 2015-16 Grant received: Rs. 10 Lakhs, Funding Agency U.P. Govt.
 - b) International - NIL
18. Inter-institutional collaborative projects and associated grants received-
 - a). National Collaboration with Deccan College, Poona.:
 - i) Prof. S.R. Walimbe visited department for studying skeleton (human) remains of Abhaipur excavation.
 - ii) Prof. P.P. Joglekar visited the department for studying faunal remains of Abhaipur excavation.
 - b). MOU signed between Ambassador of Iran Embassy and Vice-Chancellor, M.J.P. Rohilkhand University, Bareilly for the establishment of centre for Indo-Iranian Studies in the Department of Ancient History and Culture
 - a). National collaboration - NIL
 - b). International collaboration: - NIL
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
Workshop on Research Methodology (dates: 07 -16 February, 2013)
Co ordinator – Prof. Shyam Bihari Lal.
Project Funded by ICSSR: Total Grant Received: -Rs. 5.40 Lakhs
20. Research facility / centre with:
 - State recognition:
 - Centre of Excellence Award for Department Development – 2007
 - Centre of Excellence Award for Museum Development – 2014-15, 2015-16
 - National recognition: NIL
 - International recognition: NIL
21. Special research laboratories sponsored by / created by industry or corporate Bodies:
NIL

22. Publications:

- * Number of papers published in peer reviewed journals (national/international):

Research Papers

1. A. K. Sinha, Materialistic Leanings in the Philosophies of Some Upanisadic Philosophers published in *Archaeology of the Ganga Basin-Paradigm shift* (ed.) Vibha Tripathi, Delhi, 2010.
2. A. K. Sinha, Ten King War and its Significance in the Development of Agriculture in the Vedic Age, published in '*Bharata mein Krishi evam Krishak Samudaya* (ed.) Rajvant Rao, Delhi, 2010.
3. A. K. Sinha, *Itihasa mein Atita*, Presidential President Address, U.P. History Congress, 20th Session, organized by Med. & Mod. History Department University of Allahabad, Allahabad published in *Conversations in Indian History Proceedings of U.P. History Congress*, Delhi, 2010.
4. A. K. Sinha, The Process of Social Formation in the Early Vedic Age, Presented to UGC National Seminar on 'Commercial Pursuits in Ancient India. Organized by Jagat Taran Girls College, Allahabad, 22-23 Oct., 2008, published in the *Commercial Pursuits in Ancient India*, Allahabad, 2010
5. A. K. Sinha, Al-beruni on Ancient Indian Sense of History, Paper presented to the National Seminar on 'Travelogues and Biographies as the Authentic Sources of Medieval Indian History' organized by Rampur Raza Library, Rampur (15-17 Jan. 2011), Published in Prof. B.N.S. Yadava Felicitation Volume, Delhi, 2012.
6. A. K. Sinha, 'Amir Khusro: Hindustan aur Hindi' published in *Rajabhsha Patrika*, Rampur Raza Library, Rampur, 2010-11.
7. Abhay K. Singh : 2014: "Portrayal of Veiled Women in Indian and Iranian Art" in *Mithra, Journal of Indo-Iranian Studies*, Vol. I, No. 1, [ISSN: 2348-6716] pp. 26-32.
8. Abhay K. Singh : 2013: "The Jaina Temples of Mount Abu: An Introduction" in *Jainism History of Science, Philosophy and Culture in Indian Civilization*, Vol. VII, Pt. 10. Edited by G.C. Pande & M.R. Mehta (PHISPC, Centre for Studies in Civilizations, New Delhi & MRML) 2013, pp. 537-552. [ISBN: 978-81-87586-60-9]
9. Abhay K. Singh : 2013: "Nagarjuna and Sunyavada", in *Buddhism History of Science, Philosophy and Culture in Indian Civilization*, Vol. VII, Pt. 9. Edited by G.C. Pande (PHISPC, Centre for Studies in Civilizations, New Delhi & MRML) 2013, pp. 429-438 [ISBN: 978-81-87586-59-3]
10. Abhay K. Singh : 2013: "Indian Culture and Globalization: Threat and Response", in Sinha, A.K. (ed) *Mind and Soul of India*, (Anamika, N. Delhi, 2013), pp. 51-73. [ISBN 978-81-7975-557-0].
11. Abhay K. Singh : 2012: "Old Persian Language as a Soul-mate of Indian Culture", in *Raza Library Journal* No. 26-27, pp. 15-29. [ISBN: 978-93-82949-01-5]



12. Abhay K. Singh, 2012, "Prophet Zarathustra, the Avesta and the Vedas—with special references to K.C. Chattopadhyaya's views" in "A Golden Chain of Civilizations: Indic, Semitic and Hellenic (from c. 600 BC to c. AD 600)" Vol. I. Pt. 5, Section 1: Cultural Contacts and Movements, Edited by G.C. Pande (PHISPC, Centre for Studies in Civilizations, New Delhi & MRML) 2012, pp. 229-248 [ISBN:978-81-87586-55-5]
13. Abhay K. Singh, 2012. "The Ancient Religion of Iran and Reforms by Prophet Zarathustra." in "A Golden Chain of Civilizations: Indic, Iranic, Semitic and Hellenic (from c. 600 Bc to c. AD 600) ", Vol. I. Pt. 5, Section 1: Cultural Contacts and Movements, Edited by G.C. Pande (PHISPC, Centre for Studies in Civilizations, New Delhi & MRML) 2012, pp. 249-264[ISBN:978-81-87586-55-5]
14. Abhay K. Singh, 2012. "Iranian Empire: Indus to Mediterranean" in "A GoldenChain of Civilizations: Indic, Iranic, Semitic and Hellenic (from c. 600 Bc to c. AD 600)". Vol. I. Pt. 5, Section 1: Cultural Contacts and Movements, Edited by G.C. Pande (PHISPC, Centre for Studies in Civilizations, New Delhi & MRML) 2012, pp. 265-300 ISBN:978-81-87586-55-5
15. Abhay K. Singh, 2012. "Sakas in India" in "A Golden Chain of Civilizations: Indic, Iranic, Semitic and Hellenic (from c. 600 Bc to c. AD 600)". Vol. I. Pt. 5, Section 1: Cultural Contacts and Movements, Edited by G.C. Pande (PHISPC, Centre for Studies in Civilizations, New Delhi & MRML) 2012, pp. 521-519, ISBN:978-81-87586-55-5
16. Abhay K. Singh, 2011. "The Śaka Factor in Ancient India", Presidential Address (Ancient India Section) in SZH Jafri and NR Farooqui edited Pluralities of Past: Upper Gangetic Valley through the Millennium Proceedings of the 21st Session of the Uttar Pradesh History Congress, 2010. (Anamika, New Delhi, 2011) pp. 61-105
17. Abhay K. Singh, 2011. "From King Darius to Rudradaman: An Epigraphical Journey" in A. K. Sinha and A. K. Singh (ed.), Cultural Parallels: India and Iran, (Anamika, New Delhi) pp.153-169. (ISBN 978-81-7975-174-9)
18. Abhay K. Singh ,2010. "*Maurya kala: kuchh nava-vivechana*" (in Hindi) in S.N.R. Rizvi edited journal, *Itihasa-drishti*, No. 4, 2010, pp. 1-10. ISSN: 0976-349X
19. Abhay K. Singh, 2010. "Commercial Economy and the Concept of *Aparigraha* in Proceedings of the National Seminar on Socio-Economic Implications of Commercial Pursuits in Ancient India, JT College, Allahabad, pp. 140-145.
20. Shyam Bihari Lal, "Shakas and their contribution in language and literature", in *Proceedings of U.P. History Congress*, (Anamika, New Delhi, 2011)
21. Shyam Bihari Lal, 2012. *Kala Yavana: Myth, Vastavikta ya drastikona?* In *Proceeding of U.P. History Congress*, Bareilly, (Anamika, New Delhi, 2013).
22. Shyam Bihari Lal, 2013. "*Herodotus aur Thucydides: Mithak se Itihas tak*", in *Modernity andTradition*, A. K. Sinha (ed.), (ISBN: 978-81-7975-592-1)

23. Shyam Bihari Lal, 2013. “*Dalit evam Prambhik Bauddha Dharma*, in C.M. Agrawal (ed.) *Bhartiya Sanskriti ki Asmita*, (ISBN: 978-81-88791-46-0)
24. Shyam Bihari Lal, 2013. “Sanskrit Sahitya Mein Yavanika”. In C.M. Agrawala (ed.) *Bhartiya Sanskriti kaAtmabhava*, (ISBN: 978-81-88791-46-0)

Authored Books:

1. A. K. Sinha *Itihasa: Mulya aur Artha*, Anamika Publishers & Distributors, New Delhi, 2006; Revised IInd edition, 2010.
2. Shyam Bihari Lal, *Prachin Bharat mein Yavana*, Anamika, New Delhi, 2014.

Edited Books:

1. A. K. Sinha, *Conversations in Indian History*, Anamika Publishers & Distributors, New Delhi, 2010.
2. A.K. Sinha, et. al. (ed.) *Saga of Womanhood*, Anamika Publishers and Distributors, New Delhi, 2011.
3. A.K. Sinha et. al. (ed.) *The Mind and Soul of India*, Delhi-2013.
4. A.K. Sinha, *Tradition and Modernity: Ideological Conflict in Writing of History*, Delhi, 2013.

Edited Journals:

1. A. K. Sinha, *Aitihya–Journal of Ancient History and Culture*, Vol. 1-4, Delhi, 2010, 2011, 2012, 2013, 2014.
2. A. K. Sinha et. al., *Yavanika*, Vol. 14, 2012.
3. Abhay K. Singh *MITHRA, Journal of Indo-Iranian Studies*, Vol. I, No. 1, [ISSN: 2348-6716] 2014.

Catalogue/Brochure

- Abhay K. Singh, *FIGURINES IN THE PANCHALA MUSEUM* (Bareilly, 2012)

Professional Memberships:

- | | |
|--|-----|
| * Monographs | NIL |
| * Chapters in Books | - |
| Abhay K. Singh, 2012. “Sakas in India” in “A Golden Chain of Civilizations: Indic, Iranic, Semitic and Hellenic (from c. 600 Bc to c.AD 600)”. Vol. I. Pt. 5, Section 1: Cultural Contacts and Movements, Edited by G.C. Pande (PHISPC, Centre for Studies in Civilizations, New Delhi & MRML) 2012, pp. 521-519, ISBN:978-81-87586-55-5 | |
| * Edited Books | NIL |
| * Books with ISBN with details of publishers | NIL |
| * Number listed in International Database (For example Web of Science, Scopus Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) | NIL |
| * Citation Index – range / average | NIL |



- * SNIP NIL
- * SJR
- * Impact Factor – range / average NIL
- * h-index NIL
- 23. Details of patents and income generated: NIL
- 24. Areas of consultancy and income generated: NIL
- 25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
 - 1. Prof. A.K. Sinha - Greece, Iran
 - 2. Prof. Abhay Kumar Singh - Greece, Iran - Greece: 2000, Iran: 2008
 - 3. Prof. Shyam Bihari Lal - Greece (for Post-Doctoral Fellowship in 2002)
- 26. Faculty serving in
 - a) National committees
Prof. A.K. Sinha – Member of Advisory Committee in Itanagar University by U.G.C..
 - b) International committees - NIL
 - c) Editorial Boards
Prof. Abhay K. Singh on Board of *Journal of Indo Iran Studies*, published by Iran Culture House, New Delhi
 - d) any other (please specify) - NIL
- 27. Faculty recharging strategies (UGC, ASC, Refresher /orientation programmes, workshops, training programmes and similar programmes) - NIL
- 28. Student projects
 - Percentage of students who have done in-house projects including interdepartmental projects - 100%
 - Percentage of students doing projects in collaboration with other universities /industry / institute - NIL
- 29. Awards / recognitions received at the national and international level by
 - Faculty - Prof. A.K. Sinha, Prof. A.K. Singh – 2007 World Prize from Govt. of Iran for Best Book of Year-2006
 - Doctoral / post doctoral fellows - NIL
 - Students - NIL
- 30. Seminars/ Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any.

- National Seminar organized: On “Panchala Coins” -01 (Oct. 2012) - funded by ICHR, New Delhi
- National Conference - U.P. History Congress – 2012 – Funded by ICHR, New Delhi, M.J.P. Rohilkhand University, Bareilly.

31. Code of ethics for research followed by the departments –
As per the UGC Guidelines and State Govt. rules.

32. Student Profile Programme-wise

Session	Name of the Programme (Refer to question no. 4)	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
2010-11	M.A.	46	22	08	10	04
	M. Phil	70	09	06	08	06
2011-12	M.A.	48	15	05	14	04
	M. Phil	75	08	07	08	07
2012-13	M.A.	42	17	09	16	09
	M. Phil	82	07	08	06	06
2013-14	M.A.	49	23	07	21	07
	M. Phil	64	11	04	09	04
2014-15	M.A.	52	16	20	10	13
	M. Phil	68	05	10		

33. Diversity of Students

Session	Name of the Programme (Refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
2010-11	M.A.	95	05	NIL	NIL
	M. Phil	80	20	NIL	NIL
2011-12	M.A.	100	NIL	NIL	NIL
	M. Phil	75	25	NIL	NIL
2012-13	M.A.	95	05	NIL	NIL
	M. Phil	78	22	NIL	NIL
2013-14	M.A.	100	NIL	NIL	NIL
	M. Phil	82	18	NIL	NIL
2014-15	M.A.	95	05	NIL	NIL
	M. Phil	85	15	NIL	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.



Sl No.	Name of the Student	Caste Category	Exam Cleared	Year
1	Shyam Babu	OBC		2014
2	Abhishek Singh	UR	UPPSC	2014
3	Ashish Maheshwari	UR	NET/JRF	2014
4	Kuldeep Gupta	OBC	UPPSC-2012 (T.O.)	2012
5	Dr. Anil Kumar	SC	UPPSC (lectureship)	2011
6	Arvind Kumar	SC	UPPSC (Dy. Jailer)	2014
7	Shrawan Kumar	SC	ICHR	2014
8	Saroj Bala	SC	UGC, NET	2008
9	Komal Rani Sagar	SC	UGC, JRF	2007
10	Swati Gupta	UR	ICHR, JRF	2007
11	Pawnendra Kumar Kushwaha	OBC	UGC, JRF	2013
12	Ravi Shrma	UR	JRF	2014
13	Niraj Gangwar	OBC	JRF	2013
14	Amlesh Singh Yadav	OBC	JRF	2013
15	Anjum Ansari	OBC	JRF	2014
16	Sunil Kumar	SC	NET	2006
17	Santosh Kumar Verma	OBC	JRF	2014
18	Avadhesh Pratap Verma	OBC	JRF	2014
19	Prashant Singh Pal	OBC	JRF	2014
20	Gitansh Yadav	OBC	JRF	2014
21	Akash Sitare	SC	JRF	2014
22	Sonam Devi	SC	JRF	2014
23	Kahakashan	OBC	NET	2013
24	Ravindra Kumar Verma	OBC	NET	2012
25	Ashish Maheshwari	OBC	UPPSC, PCS	2014
26	Shravan Kumar	SC	ICHR, JRF	2014
27	Anjali Mishra	UR	U.P. Govt. SLET	2012

35. Student Progression

Student Progression	Percentage against Enrolled
PG to M. Phil	40%
PG to Ph. D	30%
Ph. D to Post Doctoral	05%
Employed	NIL
• Campus Selection	NA
• Other than campus recruitment	10
Entrepreneurs	NIL

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the state	50%
from the universities of other states	NIL
universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:
NIL

38. Present details of departmental infrastructural facilities with regard to

- a) Library - Available
- b) Internet facilities for staff and students - Available
- c) Total number of class rooms - 05
- d) Class rooms with ICT facility - NIL
- e) Students' laboratories - 01
- f) Research laboratories Numismatics - 01

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university - 90 %

Name of the Guide	Student	University
Prof. A.K. Sinha	NIL	NIL
Prof. A.K. Singh	Manish Gangwar	MJPRU, Bareilly
	Akshat Kaushik	,,
	Bhawana Wadhawan	,,
	Vijay Kumar Maurya	,,
	Neeraj Pandey	,,
	Dharmendra Kumar	,,
Prof. S.B. Lal	Sunil Kumar	,,
	Jitendra Singh Chauhan	,,
	Vijay Singh	,,
	Swati Gupta	,,
	Mohan Pratap	,,
Dr. V.B.S. Yadav	Dr. Saroj Bala	,,

- b) from other institutions/universities - 10 %

40. Number of post graduate students getting financial assistance from the University.
NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology -
Through UGC guidelines + Board of Studies + Departmental committees.

42. Does the department obtain feedback from -

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Departmental Committee Meeting + Board of Studies.
- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Through internal faculty orientation.



- c) Alumni and employers on the programmes offered and how does the department utilize the feedback? Occasional feedback from Alumni-
NA

43. List the distinguished alumni of the department (maximum 10)

Sl No.	Name of the Alumni	Institution working in
1	Abhay Kumar Singh	Professor, Department of Ancient History & Culture, MJP Rohilkhand University, Bareilly-U.P
2	Shyam Bihari Lal	Professor & Head Department of Ancient History & Culture, MJP Rohilkhand University, Bareilly-U.P
3	Vijay Bahadur Singh Yadav	Associate Professor, Department of Ancient History & Culture, MJP Rohilkhand University, Bareilly-U.P
4	Renu Shukla	Professor, Deptt. Of Ancient History, Kanya Gurukul Campus, Dehradun. (Gurukul Kangri, Vishvavidyalaya, Haridwar)
5	Aparna Mathur	Associate Professor, Deptt. of History, North Eastern Hill University (NEHU)- Shillong
6	Anil Kumar Singh	Asst. Professor, School of Language, Literature and Culture Studies, JNU-Delhi
7	Anita Goswami	Asst. Professor, Govt. Degree College of U.P Govt.
8	Alok Bhardwaj	Associate Professor Deptt. Of Ancient History Vedanta College, Lucknow
9	Anita Shukla	Asstt. Professor, Dr. Shakuntala Mishra National Handicapped University, Lucknow
10	Manoj Kumar	ADM (PCS), U.P. Government

44. Give details of student enrichment programmes (special lectures/ workshops / seminar) involving external experts.
Special Lecture, Workshops and Seminars are regularly held.
45. List the teaching methods adopted by the faculty for different programmes.
- PowerPoint Presentation - for all programme,
 - Field & Museum oriented Programms.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Through departmental review committees.
47. Highlight the participation of students and faculty in extension activities.
NSS & Sports activities.
48. Give details of “beyond syllabus scholarly activities” of the department:
Presentation and participation in seminar, symposium and workshop.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details -
Two time special Assistance from U.P. Govt. for Centre of Excellence.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied -
Abhaipur (Pilibhit) archaeological excavation generated new basic knowledge in the field of Painted Gray Ware (PGW) and Black and Red Ware cultures. Both these cultures belong to the Early Iron Age culture of India, dated back to the mid second millennium B.C.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- i. Pioneering in Greco-Indian Studies
- ii. Field Archaeology
- iii. Indo- Iranian Studies (Persian Language and Culture)
- iv. Numismatics specialization (Cleaning and identification of coins)
- v. Museum Development

Weaknesses

- i. Vacant posts of teachers and shortage of Teaching Faculty.
- ii. Lack of Technical experts – like Curator and Lab. Asstt.
- iii. Departmental Library not up to the mark.
- iv. Lack of digital resources.
- v. No foreign exchange programme for faculty & Students
- vi. We must have some job oriented courses.

Opportunities

- i. The region is potential in Archaeological sites, which includes the major site of Ahichhatra, the capital of north Panchala.
- ii. Intensive archaeological investigation will throw light on the long-standing problems in the Indian history and culture.
- iii. We must have some job oriented courses.

52. Future plans of the department.
- i. More archaeological explorations and excavations
 - ii. Development of Panchal Museum
 - iii. New courses in Ancient History, Culture and Archaeology
 - iv. Foreign collaborations and student-faculty exchange programmes



Department of Adult, Continuing & Extension Education

1. Name of the Department-
Department of Adult Continuing and Extension Education
2. Year of establishment-
1985
3. Is the Department part of a School/Faculty of the university?
Yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)-
 - P.G Diploma in Women Empowerment and Development (PGDWED)
 - P.G Diploma in Entrepreneurship Development(PGDED)
5. Interdisciplinary programmes and departments involved-
NA
6. Courses in collaboration with other universities, industries, foreign institutions, etc.-
NA
7. Details of programmes discontinued, if any, with reasons-
Master of Rural Development and Management (MRDM) was discontinued as it is not approved by UGC.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System-
Annual
9. Participation of the department in the courses offered by other departments-
NA
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-		
Associate Professors	01	Nil	Nil
Asst. Professors	01	Nil	Nil
Others (Guest Faculty)			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
NA	NA	NA	NA	NA	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-
NA

13. Percentage of classes taken by temporary faculty – programme-wise information-

Name of the Course	Percentage of classes taken by temporary Faculty
P.G Diploma in Women Empowerment and Development (PGDWED)	80%
P.G Diploma in Entrepreneurship and Development (PGDED)	80%

14. Programme-wise Student Teacher Ratio

Name of the Course	Student Teacher Ratio
P.G Diploma in Women Empowerment and Development (PGDWED)	22:1
P.G Diploma in Entrepreneurship and Development (PGDED)	9:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual-

Class III	-	01
Class IV	-	01
Others	-	01

16. Research thrust areas as recognized by major funding agencies-
NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –

NA



18. Inter-institutional collaborative projects and associated grants received
a) National collaboration- NA b) International collaboration-
NA
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.-
NA
20. Research facility / centre with
- state recognition - Nil
 - national recognition- Nil
 - international recognition- Nil
21. Special research laboratories sponsored by / created by industry or corporate Bodies - Nil
22. Publications: --
- * Number of papers published in peer reviewed journals (national/international) Nil
 - * Monographs Nil
 - * Chapters in Books Nil
 - * Edited Books Nil
 - * Books with ISBN with details of publishers Nil
 - * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index - range / average Nil
 - * SNIP Nil
 - * SJR Nil
 - * Impact Factor - range / average Nil
 - * h-index Nil
23. Details of patents and income generated- Nil
24. Areas of consultancy and income generated- --
25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad- NA
26. Faculty serving in
- a) National committees- Nil
 - b) International committees- Nil
 - c) Editorial Boards- Nil
 - d) any other (please specify)- Nil

27. Faculty recharging strategies (UGC, ASC, Refresher orientation programs, workshops, training programs and similar programs).-
None
28. Student projects
- percentage of students who have done in-house projects including interdepartmental projects-
100%
 - percentage of students doing projects in collaboration with other universities / industry / institute-
NA
29. Awards / recognitions received at the national and international level
- by Faculty- Nil
 - Doctoral / post doctoral fellows- Nil
 - Students- Nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.-
Symposium on the occasion of International Women's Day on the theme "16th Lok Sabha Election and Women."
31. Code of ethics for research followed by the departments-
NA
32. Student profile programme-wise:
P.G Diploma in Women Empowerment and Development (PGDWED)

Year	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
2010-11	32	15	14	11.76%	41.17%
2011-12	11	05	02	0%	50%
2012-13	20	07	10	20%	30%
2013-14	33	21	09	35.71%	35.71%
2014-15	27	16	06	Result Awaited	

P.G Diploma in Entrepreneurship Development (PGDED)

Year	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
2010-11	06	02	0	-	-
2011-12	08	04	0	-	-
2012-13	02	0	0	-	-
2013-14	18	11	02	28.6%	0
2014-15	13	07	02	Result Awaited	



Master of Rural Management and Development (M.R.D.M)

Year		Applications received	Selected		Pass Percentage	
			Male	Female	Male	Female
2010-11	Previous	55	37	14	56.25%	28.12%
2010-11	Final	42	26	11	32.42%	37.83%
2011-12	Previous	54	40	10	35.71%	21.42%
2011-12	Final	30	16	09	48%	28%
2012-13	Previous	60	39	07	67.56%	13.51%
2012-13	Final	29	18	11	57.14%	35.71%
2013-14	Previous	NA	NA	NA	NA	NA
2013-14	Final	26	20	06	76.9%	23.07%

3. Diversity of students

P.G Diploma in Women Empowerment and Development (PGDWED)

Year	% of students from the same university	% of students from other universities within the State	% of students from the universities outside the State	% of students from other countries
2010-11	100%	0%	0%	0%
2011-12	100%	0%	0%	0%
2012-13	88.23%	5.88%	5.88%	0%
2013-14	100%	0%	0%	0%
2014-15	100%	0%	0%	0%

P.G Diploma in Entrepreneurship Development (PGDED)

Year	% of students from the same university	% of students from other universities within the State	% of students from the universities outside the State	% of students from other countries
2010-11	100%	0%	0%	0%
2011-12	100%	0%	0%	0%
2012-13	NA	NA	NA	NA
2013-14	92.3%	0%	7.6%	NA
2014-15	100%	NA	NA	NA

Master of Rural Management and Development (M.R.D.M)

Year	% of students from the same university	% of students from other universities within the State	% of students from the universities outside the State	% of students from other countries
2010-11	96.07%	03.92%	0%	0%
2011-12	90%	06%	04%	0%
2012-13	86.95%	10.86%	02.17%	0%
2013-14	NA	NA	NA	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M. Phil.	NA
PG to Ph.D.	NA
PG to Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	100%
From other universities within the State	NA
From universities from other States from	NA
Universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period-

NA

38. Present details of departmental infrastructural facilities with regard to

- a) Library- 01
- b) Internet facilities for staff and students- WiFi
- c) Total number of class rooms- 03
- d) Class rooms with ICT facility- NA
- e) Students' laboratories- NA
- f) Research laboratories- NA

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university- NA
- b) from other institutions/universities- NA

40. Number of post graduate students getting financial assistance from the university.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.-

NA



42. Does the department obtain feedback from-
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
No
 - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
No
 - alumni and employers on the programmes offered and how does the department utilize the feedback?
No
43. List the distinguished alumni of the department (maximum 10)
- Rupali Verma
 - Lokesh Sharma
 - Syed Fahad Ali
 - Amit Chandra
 - Prashant Jaiswal
 - Shaily Awasthi
 - Arshad Jamal Ansari
 - Upasana Saxena
 - Vivek Mishra
 - Jasraj
 - Mohammad Arshad
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.-
NA
45. List the teaching methods adopted by the faculty for different programmes.-
Traditional method like using blackboard and chalk alongwith a interactive session.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? -
Through Internal Assessment
47. Highlight the participation of students and faculty in extension activities.
They have a practical on field and extension work in which they visit the concerned places for the survey.
48. Give details of “beyond syllabus scholarly activities” of the department.-
NA
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.-
NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.-
NA
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- i. 2 papers are based on field work which enhance the knowledge of the students at the grass root level.
- ii. Students come close to rural people and discuss their problems.
- iii. The Students make the rural mass aware of the programmes going on for the welfare of women and entrepreneurs.
- iv. The syllabus covers the National and International issues which enlightens the students.
- v. Department has its own library.

Weaknesses

- i. Lack of proper infrastructure.
- ii. Lack of funds from government.
- iii. Lack of staff.
- iv. Department is technologically underdeveloped.
- v. Syllabus is not revised time to time.

Opportunities

- i. Though there is unemployment in the country, but the entrepreneurs can generate employment for themselves and for others.
- ii. They can work for NGOs, and international organisation.
- iii. Students can establish NGO for the welfare of the society.
- iv. Students are eligible for working in a government and private sector such as they can join a teaching institute.
- v. Student work on projects as well as research proposal.

Challenges

- i. The department is being run with minimum resources.
- ii. Unlike other traditional courses students are not aware about the courses PGDED and PGDWED.
- iii. Lack of teaching staff as well as non-teaching staff.
- iv. To generate the awareness among the people for the courses.
- v. Syllabus is not as per the competitive examination like UGC NET.

52. Future plans of the department.
- i. Certificate course in Retail Management
 - ii. M.A in Women Studies
 - iii. M.A in Entrepreneurship Development
 - iv. M.A in Rural Development.



Department of Business Administration

1. Name of the Department
[Department of Business Administration](#)
2. Year of establishment
[1986-87](#)
3. Is the Department part of a School/Faculty of the university? -
[Faculty of the university](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
 - [MBA \(General\) Two Years Full Time PG programme](#)
 - [MBA \(Marketing\) Two Years Full Time PG programme](#)
 - [MBA \(Part Time\) Three Years Part Time PG programme](#)
 - [PhD programme](#)
5. Interdisciplinary programmes and departments involved
[NIL](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
[NIL](#)
7. Details of programmes discontinued, if any, with reasons -
[NA](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
[Semester System](#)
9. Participation of the department in the courses offered by other departments
[NIL](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	One	One	1 + 2
Associate Professor	Two	One	2
Assistant Professor	Four	Three	0
Contractual	Ten	Eight	8

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr P K Yadav	B Pharma, MBA, PhD	Professor	Marketing	35	12
Dr A K Sarkar	M Com, CFA, ACS, PhD	Professor, Head & Dean	Finance & Accounts	34	12
Dr P B Singh	MSc, MBA, PhD	Professor	Marketing & HRM	24	6
Dr Raj Kamal	MSc, MBA, PhD	Associate Professor	Marketing & HRM	17	11
Dr S Mishra	MSc, MA, PhD	Associate Professor	QT & IB	17	5

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

S.NO.	NAME	ADDRESS
1	Prof. Y.P. Singh	Delhi School of Economics University of Delhi, Delhi
2	Prof.V. Sharan	JNU, New Delhi
3	Dr.K.K. Agarwal	Department of Commerce and Mgmt MG Kashi Vidyapeeth, Varanasi
4	Dr.M.C. Garg	Deptt. of Business Mgmt GJ University, Hisar
5	Prof.Prashant Kumar	Faculty of Commerce BHU, Varanasi
6	Prof.H.K. Singh	Faculty of Commerce BHU, Varanasi
7	Prof.R. Vinayak	Dean, Faculty of Commerce, MDU Rohtak
8	Prof.S.P. Gupta	FMS Delhi University, Delhi
9	Prof.N Garg	Faculty of Commerce MD University, Rohtak
10	Prof.R.S. Yadav	Ex-Pro Vice Chancellor MD University Rohtak
11	Prof.B.P. Singh	Ex Head Deptt of Commerce and Business Economics, Univ of Delhi, Delhi
12	Prof.C.L. Chandan	Institute of Mgmt Studies, HP University
13	Prof.S.P. Kala	Head Deptt of Business Administration Garhwal Univ. Srinagar, Garhwal
14	Prof. R.C. Katiyar	Director Institute of Mgmt CSJM University, Kanpur
15	Prof.Dalip Singh	Director Institute of Mgmt Studies MD University, Rohtak



16	Prof.R.D. Sharma	Deptt of Commerce Jammu University, JammuTawi
17	Prof.S.K. Singh	FMS BHU, Varanasi
18	Prof.S. Shrivastava	Head Institute of Mgmt CSJM University, Kanpur
19	Prof.N.K. Gupta	Decision Science Group IIM Lucknow
20	Dr.S.P. Singh	Head Deptt of Business Administration Gurukul Kangri Univ. Haridwar
21	Prof.A.K. Mukherjee	MONIRBA Allahabad University, Allahabad
22	Prof.Yashvant Gupta	Institute of Mgmt Studies HP University, Shimla

13. Percentage of classes taken by temporary faculty – programme-wise information
Approx. 57%
14. Programme-wise Student Teacher Ratio
1:15
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
 - Centralised Support Facility of University
 - Actual Position : One Computer Programmer, Three Class III Employees and Four Class IV Employees
16. Research thrust areas as recognized by major funding agencies
Corporate Social Responsibility, Consumer Behaviour, Advertising Management
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
NIL
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration
NIL
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. -
NIL
20. Research facility / centre with
 - state recognition NIL
 - national recognition NIL
 - international recognition NIL
21. Special research laboratories sponsored by / created by industry or corporate bodies
None

22. Publications

- Number of papers published in peer reviewed journals (national / international), Monographs and Chapters in Books
 - Papers Published in National Journals 30
 - Papers Published in National Journals 26
 - Chapters in Books 21

Prof. P K Yadav

1. Role of Marketing Innovations in Rural Development”, Indian Journal of Public Enterprise, Vol 25, No. 48, June 2010
2. “Tourism Perspectives in South-Asian Region”, research paper published in edited book entitled “Tourism For Development- A Managerial Approach”, Kanishka Publishers, Distributors, New Delhi, ed 2011, pp 19-30
3. “Problems and Prospects of Increasing the Tourism Yield in Uttarakhand Region”, research paper published in edited book entitled “Tourism For Development- A Managerial Approach”, Kanishka Publishers, Distributors, New Delhi, ed 2011, pp 108-120
4. Chaired 2nd technical session on “Medical and health tourism” in the international conference on the focal theme ‘Tourism Towards New Horizons Issues And Challenges’ held on September 5,2013 at Taylor’s University Kuala Lumpur(Malaysia).
5. Presented one research paper entitled “Impact of social media and bloggers on travel behavior”
6. In the international conference held at Taylor’s University Kuala Lumpur (Malaysia) on 5-8 September 2013.
7. “Role of Rural Tourism in Sustainable Development A Case Study On Rural Tourist Destination Rajgarh, Dist. Sirmour, Himanchal Pradesh” Research Article Published in the Edited Book Entitled “Tourism , Concepts, Issues and Challenges” pp 539-553 Edited by Prof. S.P.Bansal,Prof Sandeep Kulshreshtha, Dr. Prashant Gautam Published by Neha Publishers & Distributers Delhi, ISBN-9789380318578.
8. “Tourism In India: A 360 Degree Boon” Research Article Published in the Edited Book Entitled “Tourism , Concepts, Issues and Challenges” pp 200-207 Edited by Prof. S.P.Bansal,Prof Sandeep Kulshreshtha, Dr. Prashant Gautam Published by Neha Publishers & Distributers Delhi, ISBN-9789380318578.
9. “Traits of Consumer Satisfaction Structural Equation Modeling Approach to Study Product Orientation w.r.t. Soft Beverages” published in GGGI Management Review- A Bi-annual Refereed International Journal of Management, Vol.3,July-Dec,2013,pp140-150.
10. “Working Capital Management, The Case of Small Scale Industry”. Published in Mumukshu A reviewed and referred research Journal Volume 6 No 1, June2014,PP 1-5.



11. "Performance Appraisal in Service Sector- A Comparative Study of Public and Private Sector Banks." Published in Pacific Business Review International. A International Journal of Management, Volume 7, issue 1, July, 2014. ISSN 0974438X

Prof. A K Sarkar

1. "Micro Financing: A Bridge For Economic Development of India" , AIM EXPLORE July – Dec. 2010.
2. "Impact of Gold and Silver Futures on the Spot Rate Volatility-An Indian Perspective"- NICE Journal of Business Vol.6 No.1 Jan – June 2011.
3. "Market Driven Innovation For Rural Penetration"- The IUP Journal of Business Strategy The ICAI University Press Hyderabad. Sep. 2011.
4. "Third Party Administrator (TPA) and Health Insurance in India"- Paper accepted for publication at IFTM, Moradabad
5. Long Term Association of Stock Markets of Selected Nations : An Empirical Study"- Paper presented at RDA International Conference, Jaipur Jan. 2012.
6. "A Study of Regulatory Framework for Venture Capital Industry in India" Mumukshu Journal of Humanities, June 2012, published by SS College Shahjahanpur.
7. "Venture Capital Funding in India: Perspectives of Beneficiary Firms" Review of Management June 2012, published by Spartacus India for Management Development Research Foundation, New Delhi.
8. "Funding Mechanism of Venture Capital Firms in India with special reference of Investment Capital Partners" International Journal of Applied Financial Management Perspectives, Oct 2012, published by Pezzottaite Journals, Jammu.
9. "Brand Positioning of Fast Moving Consumer Goods In India"
10. "Impact of Perceived Brand Origin (India Vs. Foreign) on Consumers' Brand Preference" The International Journal's, Research Journal of Social Science & Management, July 2012.
11. "Use of Host Country Cultural Element in Brand Positioning of Multinational Brands" PEZZOTTAITE JOURNALS July- September 2012.
12. "A Study of the Influence of Company Specific Attributes on Consumer's Preference of FMCG Brands" SAJMMR South Asian Journal of Marketing & Management Research, August 2012.
13. "A Study of Regulatory Framework for Venture Capital Industry in India" Mumukshu Journal of Humanities June 2012.
14. "Paradigms of Activity Based Costing System" Mumukshu Journal of Humanities, June 2012.
15. "Impact of Information Technology on Indian Banking Industry" Vimarsh- A Journal of IFTM University, Moradabad. July – Dec. 2012.



16. “Contribution of Regional Rural Banks in the Development of Himachal Pradesh” Mumukshu Journal of Humanities, SS College, Shahjahanpur. June 2013.
17. “A Critical Evaluation of FMCG Market Environment in United Arab Emirates”. Mumukshu Journal of Humanities, SS College, Shahjahanpur, June 2013.
18. “Industrial Dispute Act 1947: Time for a re-look” Professional Panorama, An International Journal of Applied management and technology, Jan – June 2014. Jaipur.

Prof. P B Singh

1. “Marketing & Branding higher Education: Issues and Challenges” published in Review of Business Research, an International Journal of IABE listed in Cabell’s directories and Ulrich’s International Periodicals Directory, Vol10, No 1, 2010
2. “Role of Marketing Innovations in Rural Development” published in Indian Journal of Public Enterprise Vol 25, No. 48, June 2010.
3. “Human Development: Accounting for Human Capital” published in Journal Of Business Solutions, Vol. 3, No. 1& 2, June – Dec. 2010.
4. “CEO Compensation: The Indian Dilemma”, published in Asian Journal of Management, Vol. 2, Issue 1, Jan – March 2011.
5. “Human Resource Information System: A Prominent Tool to Transform the Banking Industry for Developing Countries”, published in Mumukshu Journal of Humanities (Reviewed/Referred Research Journal), Vol. 3, No. 3, June 2011.
6. “Indian Tourism Industry- Futuristic Trends”, published in Future Business Review, Vol. 1, No. 1, July 2011.
7. “A Comprehensive Study of Indian Rural Consumer Behaviour and Strategies for Rural Markets”, published in Asia Pacific Journal of Research in Business Management (An Internationally indexed & refereed e-journal), Vol. 2, Issue 9, September 2011.
8. “Green Marketing: Policies And Practices For Sustainable Development”, published in Integral Review – A Journal of Management, Vol. 5, No. 1, June 2012.
9. “Consumer Buying Behaviour towards Specialty Goods- a Case of Cellular Phone Handsets”, published in Mumukshu Journal of Humanities (Reviewed/Referred Research Journal), Vol. 4, No. 1, June 2012.
10. “A Study of Factors Affecting Beer Consumption at Bareilly”, published in Oorja – International Journal of Management & IT, Vol. 10, No. 3, Sept-Dec, 2012
11. “Strategic Considerations for Work Life Balance”, published in Vimarsh-refereed Journal, Vol. 3, issue 1&2, July-Dec 2012.
12. “Impact of Work Stress on Employees Performance”, published in Candour Business Journal, Vol. 1, No. 1, April 2013.



13. "Consumer Behaviour and Attitude Towards ITC Personal Care Products- A Case of Shampoo", published in Mumukshu Journal of Humanities (Reviewed/Referred Research Journal), Vol.5, No. 1, June 2013.
14. "Role of Children in Family Purchasing Decisions – A Case Study of Bareilly", published in IBM International Journal of Business Management, Vol. 1, No. 1, Jan 2014.
15. "An Empirical Study of Work-Life-Balance with special reference to Banking Sector", published in Viewpoint: An International Journal of Management and Technology, Vol. 5, No. 2, July-Dec 2014.
16. "Consumer Buying Behaviour towards Shopping Goods: A case of Apparels", published in Global Management Horizon (Annual Refereed Journal), Vol. III, Issue-1, Jan-Dec 2014
17. "Workforce Diversity: Challenges and Strategies", published in LohiaShodhManch (Research Journal), Vol III, Issue-6, July-Dec 2014
18. "Tourism Perspectives in South – Asian Region" published as a chapter in a BOOK entitled- Tourism For Development- A Managerial Approach, edited by Prof. S.P.Bansal, Prof Sandeep Kulshreshtha&DrPrashantGautam (Kanishka Publishers, Distributors, New Delhi), India, ed. 2011
19. "Archeological Tourism Education: An Approach to build Recreational Learning Environment", published as a chapter in a BOOK entitled- Tourism For Development- A Strategic Approach, edited by Prof Sandeep Kulshreshtha, Prof. S.P.Bansal&DrPrashantGautam (Bharti Publishers, Distributors, New Delhi), India, ed. 2012
20. "MICE Tourism Perspectives in India: Strategic Considerations", published as a chapter in a BOOK entitled- Tourism For Development- A Strategic Approach, edited by Prof Sandeep Kulshreshtha, Prof. S.P.Bansal&DrPrashantGautam (Bharti Publishers, Distributors, New Delhi), India, ed. 2012

Dr. Raj Kamal

1. Visual Merchandising in Organised Food Retailing- Its Nature & Functioning: Published in the NSB MGT. REVIEW(Aug-2010).
2. A Study of Impact of Window Display on Impulse Purchase in Organised Retail Stores: Published in JOURNAL FOR BUSINESS SOLUTIONS (Dec-2010), the International Journal of RBMI, Bareilly.
3. A Study on Impact of Retail store Interior Colour on Shoppers' Perception: Published in the JIM-QUEST(Jan - 2011), the Journal of Jaipuria Inst. of Mgt., New Delhi.
4. Brand Asana: Published in the Retail-Viz (Jan - 2011), the monthly magazine published by World Wide Media Limited (Project Coordinator Times of India) Mumbai.
5. Branding Yoga : Published in Indian Management (April 2011), the Journal of AIMA.
6. Yes who is on the Line: Published in VIMARSH (June - 2011), the Journal of IFTM University Moradabad



7. Satisfaction of Customers of Banking Sector in India(Public Vs Private): Published in the JIM-QUEST(Dec - 2011), the Journal of Jaipuria Inst. of Mgt., New Delhi.
8. Market it with Emotions : Published in Indian Management (Feb. 2012), the Journal of AIMA.
9. Impact of Social Message Advertising – The case of ‘Tata Tea’: Published in the OJAS – Expanding Knowledge Horizon (Dec. 2012), the International Journal of Jaipuria Inst. of Mgt. Studies, Ghaziabad.
10. Satisfaction levels of Officers/Managerial staff of Public sector and Private sector banks – A Critical assessment: Published in the VIMARSH (Dec - 2012), the Journal of IFTM University Moradabad
11. Impact of Social Media Advertisements between Rural and Urban Customers: A comparative Study: Published in the BHU Management Review (July-Dec. 2014)

Dr. Sanjay Misra

1. “Inclusive Growth – A Case of Rural Sector”- Paper published in “KAIM Journal of Management & Research,” (ISSN : 0974-9462) **Volume 2 • Number 2 • November - April 2010.**
2. “Business Opportunities in Rural India: A Gateway of Economic Growth” paper published in book entitled “Enhancing Organisational Growth through Innovation & Creativity: Issues, Opportunities & Challenges,” edited by Padmakali Banerjee & Vikas Madhukar, ISBN 93-81361-02-9, published by EXCEL India Publishers in 2011.
3. “Promoting Organised Retail in Hinterland : Challenges and Strategies” paper published as chapter of book entitled “Global Meltdown – Opportunities and Challenges,” edited by Dr B V Sangvikar & Dr Praful Pawar, ISBN 978-81-8488-281-0, published by Himalaya Publishing House in 2009.
4. “Leadership styles prevalent in the Indian ITES-BPO Industry” Paper published in “Future Business Review,” (ISSN : 2229-5534) **Volume 1 • Number 1 • July 2011.**
5. “FDI in Retail – A Threadbare Analysis” Paper published in “AIM Explore,” (ISSN : 0973 - 0001) **Volume 9 • Number 1 • Jan - June 12.**
6. “SAP – Utilities in Pan India with special reference to IBM” Paper published in “Mumukshu,” (ISSN: 0976 - 5085) **Volume 4 • Number 1 • June 2012.**
7. “A Study of the Influence of Brand Attributes on Consumers’ Preference of FMCG Brands in India” Paper published in “Vimarsh,” (ISSN: 0976 - 5174) **Volume 3 • July – Dec 2012.**
8. “Mr Bhatia’s Dilemma – What Next?” Paper published in “IMT Case Journal,” (ISSN: 2229 - 6743) **Volume 3 • Number 1 • July – Dec 2012.**
9. “Is CRM The Strategic Competitive Tool in The Hands of Unorganised Retailers” Paper published in “Candour,” (ISSN : 2320 - 5512) **Volume 1 • Number 1 • April 2013.**



10. "Impact of 'Country of Origin' on Brand Positioning and The Influence of Country Perception on Brand Preference," Paper published in "Bizcraft," (ISSN : 2231 - 0231) **Volume 7 • Number 1 • March 13 – August 13.**
 11. "Influence of Selected Psychographic Factors on Consumers' Preference of FMCG Brands," Paper published in "Global Journal of Business Management," (ISSN: 0973 - 8533) **Volume 7 • Number 2 • December 13.**
 12. "Opportunities and Challenges in Indian Banking Industry: An ICT Perspective" paper published in book entitled "Management Innovations," edited by V K Singh & Pankaj Madan, ISBN 978-93-392-0324-5, published by McGraw Hill Education (India) Private Limited in 2014.
 13. "Serving and Retaining the Valuable Customers: The Role of E-CRM in Indian Banking Industry" paper published in book entitled "Indian Economy-Development Prospects and Perspectives," edited by N Hema Latha, Shyam Lata Juyal & Kavita Singh, ISBN 978-93-81212-77-6, published by Bharti Publications in 2014.
 14. "Tourism in India: A 360 Degree Boon" paper published in book entitled "Tourism-Concepts, Issues and Challenges," edited by Prof S P Bansal, Prof Sandeep Kulshreshtha & Dr Prashant Gautam, published by Neha Publishers & Distributors in 2014.
 15. "A Study on Customers' Perception towards Banking Services : A Case of OBC Bank in Bareilly City," Paper published in "Vimarsh," (ISSN : 0976 - 5174) **Volume 5/Issue 1 • Jan – June 2014.**
 16. "Performance Appraisal in Service Sector-A Comparative Study of Public and Private Sector Banks" Paper published in "Pacific Business Review International," (ISSN: 0974-438X) • **July 2014.**
 17. "Effectiveness of Micro-finance schemes among SHGs in Bareilly and Badaun Districts of Uttar Pradesh," Paper published in Annual blind referred and reviewed international research journal "Lorem Ipsum," (ISSN: 2277-2170) **Volume 4 • 2015.**
 18. "Empirical Study of the Relationship between Age Groups & the Purchasing Behaviour towards LIC Products in Bareilly, UP," Paper published in "KCMT Journal of Professional Management & Research," (ISSN : 2395 - 1818) **Volume 1/Issue 1 • April 2015.**
- Books with ISBN with details of publishers **02**
 - i. "International Business – Text and Cases," ISBN 978-81-203-3652-0, published by PHI Learning Pvt Ltd in 2009, Written by Dr S Misra & Prof P K Yadav
 - ii. "Floriculture Marketing in India" ISBN 978-81-7446-789-8, published by Excell Books, Written by Dr Raj Kamal
 - Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - Citation Index – range / average
 - SNIP

- SJR
 - Impact Factor – range / average
 - h-index
23. Details of patents and income generated NIL
24. Areas of consultancy and income generated NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad
- Prof P K Yadav is Member of AICTE, NBA, UGC and NAAC Expert Panel.
 - Prof A K Sarkar is Member of AICTE, UGC and NBA Expert Panel.
26. Faculty serving in
- a. National committees - Two
- Prof P K Yadav is Member of AICTE, NBA, UGC and NAAC Expert Panel.
 - Prof A K Sarkar is Member of AICTE, UGC and NBA Expert Panel.
- b. International committees - NIL
- c. Editorial Boards - Five
- Prof P K Yadav and Prof A K Sarkar are on the Paper Review Committee/Editorial Board of number of journals
 - Prof P B Singh is on the Editorial Board of Asian Journal of Management ISSN 0976-495X and Member Peer Review Committee for Journals of two Universities in India – Journal of Global Business Vision (DSMRU, LUCKNOW) and Pt. Ravi Shankar Shukla University Journal (Pt.RSS UNIVERSITY, RAIPUR).
 - Dr Raj Kamal is Chief Editor of VIMARSH, a peer reviewed Management Journal of IFTM University, Moradabad and Member of Editorial & Advisory Board of OJAS: Expanding Knowledge Horizon" an international Journal of research in Management (ISSN No. : 2279-0373).
 - Dr Sanjay Mishra is a member of Paper Review Committee of IMT Case Journal,” (ISSN : 2229 - 6743)
- d. any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
- One FDP, One Workshop and One Lecture Series is organized every year.
 - Faculty members regularly attend Faculty development Programmes, Workshops, Conferences and Seminars.

Prof. A K Sarkar

1. International Conference on Emerging Issues in Accounting, Finance, Infrastructure development etc. RDA Jaipur. 15-16 Jan. 2010. Joint Chairperson.



2. Delivered Keynote Address at National Seminar organized by Advance Institute of Management, Gaziabad on Value Creation for Competitive Advantage on 10th April 2010.
3. Convocation Ceremony organized by Lotus Institute of Management, Bareilly on 11th April 2010. Delivered Convocation address.
4. Key Speaker of Orientation Programme organized by Future Institute of Management, Bareilly on 17 August 2010.
5. Attended All India Commerce Conference organized at Goa in the month of OCT.2010.
6. XV National Seminar on Managing Innovation For Sustained Excellence organized by SRMS Institute of Management and Technology, Bareilly on 13 & 14 Nov. 2010. Chairperson II Technical Session.
7. Organized as Director a FDP on Case Studies on 26th & 27th Nov. 2010 in the Department of Business Administration, MJP Rohilkhand University, Bareilly.
8. Swami Sukhdevanand International Seminar organized by SS (PG) College, Shahjahanpur on 19 & 20 Dec. 2010. Chairperson Ist Technical Session.
9. National Seminar on Small and Medium Enterprises in Present Scenario organized by SS (PG) College, Shahjahanpur on 20th December 2010. Keynote Speaker and presented a paper on Foreign Direct Investment in Small & Medium Sector in India.
10. Organized as Director a Workshop on Use of SPSS in Research Methodology on 28th & 29th Jan 2011 in the Department of Business Administration, MJP Rohilkhand University, Bareilly.
11. Swami Sukhdevanand International Seminar organized by SS (PG) College, Shahjahanpur on 26 & 27 Feb.2011 Chief of Juri All Technical Sessions.
12. Keynote Speaker at Khandelwal College of Management Science and Technology, Bareilly on 13th Aug. 2011.
13. XVI National Seminar on Changing Dimension of Rural Market Opportunities and Challenges organized by SRMS Institute of Management and Technology, Bareilly on 19 & 20 Nov. 2011. Chairperson II Technical Session.
14. National Seminar Organized by Amrapali Institute of Management and Technology, Haldwani on 26th Nov. 2011. Chairperson II Technical Session.
15. Delivered Lecture on Positive Living at Department of Commerce Dr. Hari Singh Gour Vishwavidyalaya, Saugor, on 1-2 Sept. 2011.
16. Chairperson Technical Session -1. "Manthan" Seminar organised by Amarpali Institute Haldwani on Redefining Management practices in 21st Century on 26 Nov 2011.
17. Jury Member, Drashtikon – A Power Point Presentation Contest on the theme "Enhancing Interpersonal Relationships at work place and away too" held on 19th Feb. 2012. At Lotus Institute of Management, Bareilly.

18. Chairperson Technical Session -2. International Conference Resurging India-Miths and Realities. Organised by Teerthankar University on 17-18 March 2012.
19. Keynote Speaker “Saaransh” Panel discussion on Budget 2012-13 and its impact on Indian Economy Organised by ANA college of Management Studies 2nd April 2012.
20. Jury member National level Case Presentation Competition organised by KCMT Bareilly on 31 March 2012.
21. Guest of Honour and Chairperson technical session-1 National Conference on “Emerging Issues and Challenges in Management by 2020” organised by MIT college of Management Moradabad April 3-4, 2012.
22. Guest Speaker, Faculty Development Programme at SS College Shahjahanpur on 11 May 2012. Topic: Art of Positive Living and Corporate Decision Making.
23. Guest of Honour – National Seminar “Entrepreneurship: Challengeing the Unknown, creating the future” organized by Amrapali Group of Institutes, Haldwani. On 30th Nov. 2012.
24. Special Guest, National Seminar on Breakthrough Management in Engineering, Science and Technology 2013. June 7-8 2013. Rajshree Institute of Management, Bareilly.
25. Co Chairperson III Technical Session at National Conference on CSBM organized by Faculty of Commerce SS Jaon Subodh P>G> College Jaipur.,30-31 Jan. 2014.
26. Guest Speaker at Workshop on Research Methodology organized by SBS PG Govt. College Rudrapur, on 24th Feb. 2014.
27. Resource Person at Swamin Sukhdevanand International Seminar organized by SS PG College Shahjanpur on 2 & 3 March 2014.
28. Chair person in Technical Session at National Seminar organized by Bareilly College, Bareilly on March 14, 2014.
29. Guest Speaker at National Seminar on Corporate Social Responsibility organized by Vivek College, Bijnaur on March 30, 2014.
30. Resource person at Administrative Staff college Kumaun University, Refresher Course on 10 July 2014.
31. Resource Person at Faculty Development Programme organized by Regional Commerce College, Bareilly, on 20 July 2014.
32. Resource Person at LBS Institute of Management and Technology for Orientation Programme of B.Com. and BBA Students on 29th Aug. 2014.

Prof. P B Singh

1. National Seminar, IFTM, Moradabad May 02, 2010(*Co-chaired*)
2. LXIII All India Commerce Conference, Goa (Oct 8-10, 2010)
3. SS 3rd International Seminar, Shahjahanpur, INDIA, Feb 26, 2011 (*Keynote Speaker, Tech Session -I*)



4. ITC, 3rd International Conference, Colombo, SRILANKA,(June 22-26, 2011)
5. SS, 1st International Conference, Bangkok, THAILAND, (July 07-08, 2011)
6. National Seminar, Rohilkhand University Bareilly (Nov 13-14, 2011),
Organizing Secretary
7. XVI National Seminar, SRMSCET, Bareilly (19-20 Nov, 2011) – *Expert Speaker- for III Technical Session*
8. LXIV All India Commerce Conference, Pondicherry (Dec 13-15, 2011)
9. SS, 4th International Seminar, Shahjahanpur, INDIA (Feb 25-26, 2012),
(Key note Speaker- Technical Session-IV)
10. ITC, 4th International Conference, Tashkent, UZBEKISTAN (Aug 10-13,2012)
11. XVII National Seminar, SRMSCET, Bareilly Nov 23-24, 2012.(*Chaired Technical Session III*)
12. National Seminar, KCMT, Bareilly Nov 26, 2012. (*Chaired Tech. Session-II*)
13. National Seminar, RBMI, Bareilly Feb 23,2013. (*Co-chaired Tech Session-II*)
14. SS, 5th International Seminar, Shahjahanpur, INDIA (Feb 23-24, 2013),
(Key note Speaker- Technical Session-III)
15. National Seminar, IBM, Pt Ravi Shankar Shukla University, Raipur, Sept 6-8, 2013 (*Co-chaired Tech Session-I*).
16. LXVI All India Commerce Conference, Banglore (Dec 05-07, 2013)
17. National Seminar, DAV Centenary college, Faridabad, Feb 7-8, 2014 (Co-chaired Tech Session-I)
18. XIX National Seminar, SRMSCET, Bareilly Nov 14-15, 2014.(*Chaired Technical Session II*)
19. LXVII All India Commerce Conference, KIIT University, Bhubaneswar (Dec 27-29, 2014)
20. Organized National Seminar on focal theme “Effective Leadership in Dynamic Business Scenario” from Nov. 13-14, 2011 in collaboration with FIMT, Bareilly.
21. National Workshop on SPSS Training organized by Faculty of Management, MJPRU, Bareilly, 2011

Dr. Raj Kamal

1. National Seminar on Management (2010), organised by Faculty of Management, KCMT, Bareilly.
2. National Seminar on Communication (2010), organised by Faculty of Commerce, KCMT, Bareilly.



3. International Seminar on Impact of globalization (Feb. 2011), organised by S. S.(PG) College, Shahajahanpur and acted as key note speaker in the 2nd Technical session.
4. National Seminar on Effective leadership (Nov. 2011) organized by deptt of Business Administration, MJP Rohilkhand University, Bareilly.
5. International Seminar on Consumer Protection (Feb. 2012), organised by S. S.(PG) College, Shahajahanpur and honoured as Guest of Honour.
6. National Seminar on Management (Nov 2012), organised by FMS SRMS college of Engineering & Technology, Bareilly.
7. National Seminar on Management (Dec 2012), organised by Faculty of Management, KCMT, Bareilly.
8. 63rd All India Commerce conference, Goa, 2010
9. 64th All India Commerce conference, Pondichery 2011
10. 67th All India Commerce conference, Bhuwneshwar 2014
11. International Conference on Academic Research in Engineering, Management & IT (ICARMIT) Feb 2015 Organised by Faculty of Engg & Tech. MJP Rohilkhand University, Bareilly

Dr. Sanjay Misra

1. Key Speaker of Orientation Programme organized by Future Institute of Management, Bareilly for MBA students in August 2010.
2. Delivered a Lecture on “Team Building” for Officials of Senior Management and Middle Management Level of Kesar Enterprises, Baheri, Bareilly, in Sept. 2010.
3. Organised a FDP on “Case Studies,” on 26th & 27th Nov. 2010 in the Department as Member of Organising Committee.
4. Delivered a Talk on Leadership for Technocrate Forum at IFFCO Aonla, Bareilly, on 13th Dec. 2010, which was attended by around 35 participants of the rank of SGM, GMs, DGMS and Chief Managers.
5. 63rd All India Commerce Conference held in Oct. 2010 at Goa.
6. National Seminar on “Role of Advertising in Brand Building” organised by KCMT, Bareilly on Mar. 23rd, 2010.
7. International Conference on “Enhancing Organisational Growth through Innovation & Creativity: Issues, Opportunities & Challenges” organised by Amity Business School, Gurgaon, on May 5th & 6th, 2011.
8. National Seminar on “Effective Leadership in Dynamic Business Scenario” organised by Department of Business Administration, Faculty of Management, MJP Rohilkhand University, Bareilly, on Nov 13th & 14th, 2011.
9. 64th All India Commerce Conference held in Dec. 2011 at Puducherry.



10. Organised a Workshop on “Use of SPPSS in Research Methodology” in the Department on 28th & 29th Jan. 2011 in the Department as Member of Organising Committee.
 11. Conducted a two days Corporate Inhouse Programme on “Interpersonal Relationship” for Officials of Middle Management Level at IFFCO Aonla, Bareilly, on 28th Feb. & 1st Mar. 2011.
 12. Organised a two days National Seminar on “Effective Leadership in Dynamic Business Scenario” in the Department on 13th & 14th Nov. 2011 in the Department as Joint Secretary.
 13. International Seminar on “Consumer Protection and Behaviour in Present Privatized Era” organised by SS PG College, Shahjahanpur in collaboration with Sam Higginbottom Institute of Agriculture, Technology and Sciences; and Institute of Applied Manpower Research (Panning Commission, Govt. of India), on February 25th & 26th, 2012.
 14. Acted as Judge & delivered a talk on “Learning Through Cases” in Manthan-2012 (National Case Study Competition) organized by Khandelwal College of Management Science & Technology, Bareilly, along with All India Management Association(AIMA), New Delhi on Mar. 31, 2012.
 15. Key Speaker at Orientation Programme organized by Future Institute of Management, Bareilly for MBA students in August 2012.
 16. Delivered a lecture on “Work – Life Balance” at Orientation Programme organized by Khandelwal College of Management Science & Technology, Bareilly for MBA/PGDBM students on September 03, 2012.
 17. 64th All India Commerce Conference held in Dec. 2011 at KIIT University, Bhubaneswar (Dec 27-29, 2014)
 18. International Conference on Change for Sustainable Businesses, “NOVUS 2015” organized by NIT Graduate School of Management Nagpur, India on 27th & 28th Feb 2015
28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects
100% Students go for Two Months In Industry Summer Training
 - percentage of students doing projects in collaboration with other universities
industry / institute
29. Awards / recognitions received at the national and international level by Faculty
- Prof. P K Yadav has received the following awards**
- “Professional Award” by Himalayan Group of Institutions
 - Award for “Distinguished Resource Person” given by MM group of Institutions, Ambala



- Award entitled, “The Convergence,” given at the International Conference held in 2001, by Delhi School of Professional Studies, New Delhi
- “Distinguished Management Expert of the Year-2003”, By Khandelwal College of Management, Bareilly
- “Roll of Honour” By Lal Bahadur Shastri Institute of Management-2003
- Best research paper award at the International Conference held in 2006 at Muscat, Oman
- “Man of the Year” Awarded by Harrow Educational Society, Bareilly
- Honored by MJP Rohilkhand University for outstanding contribution in research and other activities of the University. The citation was read out & presented by the then Honorable Vice-Chancellor in 2007 on Foundation Day.
- “Academician of the Year” Awarded by Amrapali Education Society-Haldwani
- “Award for outstanding contribution in Education” by International Rotary Club
- Awarded “Best Professor-Teaching Marketing Management” during a function for recognition of national business schools, organized by ABP News on 29th June 2013, at hotel Taj Lands Mumbai.
- Honored with “Rajiv Gandhi Excellence Award in Education” by Indian Solidarity Council and International Institute of Education & Management in a function held at Krishna Manon Bhawan Auditorium New Delhi on Oct’3, 2013.
- Honored with Indra Gandhi Shiksha Siromani award by Indian Solidarity Society . The program was held at Krishna Manon Bhawan Auditorium New Delhi on Dec.21, 2013.
- Bestowed with the honour of “Fellow” of Indian commerce association.

Prof. A K Sarkar has received the following awards

- Guru Dronacharya Award KCMT Bareilly
- Best Teacher Award of 2009 by Lotus Institute of Management

Prof. P B Singh has received the following award

- Best paper award in an International Conference held at BANGKOK, THAILAND in the year 2011.

Dr. Raj Kamal has received the following award

- Man of Philonthropic Ethos by Times of India

Dr. Sanjay Mishra received the following award

- Guru Dronacharya Award KCMT Bareilly

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.
- In the Academic Year (2013-2014) a National Seminar on “How to become an Effective Management Teacher” was organised on March 29th & 30th, which was funded by State Government.



- All other workshops/Seminars organized by the have been funded by the University.

31. Code of ethics for research followed by the departments
UGC Guidelines and University order

32. Student profile programme-wise:

Session	Name of Programme	Applications received	Selected		Pass Percentage	
			Male	Female	Male	Female
2014-15	MBA (Gen)	60 students sent by UPTU after Counselling	39	21	99	99
	MBA (Mktg)	-do-	43	15	98	99
2013-14	MBA (Gen)	-do-	42	18	98	99
	MBA (Mktg)	-do-	29	05	98	98
2012-13	MBA (Gen)	-do-	39	23	97	99
	MBA (Mktg)	-do-	39	13	98	99
2011-12	MBA (Gen)	-do-	37	20	99	99
	MBA (Mktg)	-do-	42	08	98	99
2010-11	MBA (Gen)	-do-	40	17	99	98
	MBA (Mktg)	-do-	26	10	98	97
PhD	300	16	6	--	--	

33. Diversity of students

Session	Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2014-15	MBA (Gen)	65%	32%	3%	NIL
	MBA (Mktg)	84%	14%	2%	NIL
2013-14	MBA (Gen)	80%	13%	7%	NIL
	MBA (Mktg)	79%	12%	9%	NIL
2012-13	MBA (Gen)	71%	23%	6%	NIL
	MBA (Mktg)	85%	12%	3%	NIL
2011-12	MBA (Gen)	79%	18%	3%	NIL
	MBA (Mktg)	72%	20%	8%	NIL
2010-11	MBA (Gen)	70%	30%	NIL	NIL
	MBA (Mktg)	75%	25%	NIL	NIL
2014-15	Ph.D.	10%	85%	5%	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M. Phil.	-
PG to Ph.D.	4%
PG to Ph.D. to Post-Doctoral	NA
Employed	
▪ Campus selection	15%
▪ Other than campus recruitment	75%
Entrepreneurs	5%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80%
from other universities within the state	NIL
from the universities of other states	20%
universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NIL

38. Present details of departmental infrastructural facilities with regard to

a. Library –

No Departmental Library but Central Library Facility Available

b. Internet facilities for staff and students -

Available to all Staff & Students

c. Total number of class rooms	-	08
d. Class rooms with ICT facility	-	06
e. Students' laboratories	-	01
f. Research laboratories	-	01

39. List of doctoral, post-doctoral students and Research Associates

a. from the host institution/university	-	02
b. from other institutions/universities	-	20

40. Number of post graduate students getting financial assistance from the university.

NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from



- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, at the end of each semester, Head convenes a meeting of faculty members in which feedback is obtained from them, regarding the just concluded semester, about all aspects of teaching-learning-evaluation.
The feedback is used for discussion at Departmental Committee meeting and if some corrective steps are required than the same are taken.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, at the end of each semester feedback is obtained from students, regarding the just concluded semester, through feedback form.
The feedback is used for discussion at Departmental Committee meeting and if some corrective steps are required than the same are taken.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback?
Yes, it is obtained informally by faculty members by interacting with them on different occasions. The feedback is used for discussion at Departmental Committee meeting and if some corrective steps are required than the same are taken.
43. List the distinguished alumni of the department (maximum 10)
1. Mr Rahul Johri, Vice President – Discovery Channel, Gurgaon
 2. Mr Mridul Srivastava, Senior Executive, British Telecom, Gurgaon
 3. Mr Sandeep Bhatnagar, Senior Executive, Airtel Gurgaon
 4. Mr Utkarsh Sharma, Senior Marketing Executive, Blue Dart Services, Noida
 5. Mr Manoj Kumar Singh, CEO, EISSI Bareilly
 6. Mr Chandan Srivastava, Sales Manager, Zee News
 7. Mr Vivek Asthana, Associate Vice President, Percept Ltd., New Delhi
 8. Mr Aneesh Khanna, CEO, Matrix Cellular, Gurgaon
 9. Mr Siddhartha Shilpi, Head – New Product & Pre Sale, Amar Ujala, Noida
 10. Mr Sharat Mishra, Vice President, Kesar Enterprises, Baheri
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
The Department has been regularly organizing One Orientation Programme, One Faculty Development Programme, One Industrial Tour, One Workshop, One Lecture Series (three days period) and One Seminar.
1. In Academic Year (2009-2010) the Orientation Programme took place in first week of August; Lecture Series on 27th, 28th & 29th August; Faculty Development Programme on 24th & 25th Sept.; Industrial Tour 31st Oct; & Workshop on Research Methodology 20th & 21st Feb.
 2. In Academic Year (2010-2011) the Orientation Programme took place in first week of Sept; Lecture Series on 16th, 17th & 18th Sept; Faculty Development Programme on Case Studies took place on 26th & 27th Nov; Industrial Tour on 15th Jan; National Seminar in first week of Feb.; & Workshop in last week of March.



3. In the Academic Year (2011-2012) a National Seminar on “Effective Leadership in Dynamic Business Scenario” was organised on Nov 13th & 14th. Around 40 participants from different parts of country representing various institutes and universities presented their papers. E souvenir containing the selected papers was also released.
4. In the Academic Year (2013-2014) a National Seminar on “How to become an Effective Management Teacher” was organised on March 29th & 30th. Around 40 participants from different parts of country representing various institutes and universities presented their papers. E souvenir containing the selected papers was also released.
45. List the teaching methods adopted by the faculty for different programmes.
Lecture Method, Case Study, Presentations, Assignments
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
To ensure programme objectives, besides classroom teaching the department regularly organizes industrial tour, seminar, workshops, lecture series. To ensure learning outcomes there is the provision to conduct mid semester, end semester examinations apart from assignments and presentations.
47. Highlight the participation of students and faculty in extension activities.
 - Faculty & Students visits nearby villages for community development. The focus of these awareness programmes are:
 - Consumer Rights
 - Cleanliness & Hygiene
 - Blood Donation
48. Give details of “beyond syllabus scholarly activities” of the department.
 - Paper Presentation at National/International Level Seminars/Conferences
 - Paper Writing
 - Keynote Speaker
 - Chairing of Technical Sessions
 - Conducting Workshops for Academicians/Executives
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The Faculty Members are continuously involved in research work, which help in generation of new ideas and insights that got disseminated through paper writing and paper presentation.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.



Strengths

- i. Infrastructural Facilities,
- ii. Experienced Faculty,
- iii. Emphasis on Research,
- iv. Observance of Academic Calendar,
- v. Placement Assistance and Counselling provided to students

Weaknesses

- i. Shortage of Regular Faculty
- ii. No control over intake of students
- iii. Shortage of Advanced Application Softwares
- iv. Lack of Financial Autonomy

52. Future plans of the department.

To start new programs on Entrepreneurship Development and Foreign Languages

- MBA (Entrepreneurship) Two years full time PG programme
- PG Diploma in Foreign Languages one year full time PG programme



Department of Hotel Management & Catering Technology

1. Name of the Department
Department of Hotel Management & Catering Technology
2. Year of establishment
1996
3. Is the Department part of a School/Faculty of the university?
Yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):
Bachelor of Hotel Management & Catering technology
5. Interdisciplinary programmes and departments involved
No
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Students undertake full one semester training in top hotels of the country
7. Details of programmes discontinued, if any, with reasons.
No
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester System
9. Participation of the department in the courses offered by other departments
No
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching posts	Sanctioned	Filled	Actual (including Cas & mps)
Professor	1	-	-
Associate professor	2	-	-
Assistant professor	8	2	2
Others (Guest Faculty)	-	8	8



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualifi-cation	Desig-nation	Specialization	No. of Years of Experi-ence	No. of Ph.D. students guided (in last 4 years)
Dr. Hema Verma	MBA, PhD	Assistant Professor	Management, CSR	18 years	---
Mr. D.S. Negi	Diploma in Hotel Management, MA (Socio.)	Assistant Professor	F& B Service	23 years	---

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:
 1. Prof. S.K. Kabia, Bundelkhand University, Jhansi;
 2. Mr. PK Gupta, Principal, IHM Hamirpur;
 3. Mr. Manohar Sarwalia, IHM Panipat;
 4. Mr. Puneet Saxena, GM, Hotel Oberoi Anand, Bareilly
13. Percentage of classes taken by temporary faculty – programme-wise information
 BHM: 80%
14. Programme-wise Student Teacher Ratio
 16:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
 Sanctioned: 9, Filled: 0, Actual admn staff from Univ: 2
16. Research thrust areas as recognized by major funding agencies
 Hospitality and Tourism
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –
 Nil
18. Inter-institutional collaborative projects and associated grants received
 a) National collaboration b) International collaboration
 Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
 Nil
20. Research facility / centre with



- state recognition NIL
 - national recognition NIL
 - International recognition NIL
21. Special research laboratories sponsored by / created by industry or corporate bodies
Nil
22. Publications:
- Number of papers published in peer reviewed journals (national / international) :
 - Papers Published in National Journals 05
 - Papers Published in International Journals 08

List of Publications

1. Verma, H. (June 2015). Contributions of Tata Group Companies towards Training and Rehabilitation of Persons with Disabilities. *Vimarsh*.
2. Verma, H. (June 2015). CSR stipulations of Companies Act, 2013 and actual CSR expenditure by top Indian companies prior to its implementation: A comparative study. *International Journal of Science, Technology and Management*, 4(7). (Impactfactor:2.012)
3. Verma, H. (2014). Business Intelligence: A Strategic Tool for the Hospitality Industry. *Vimarsh*, 5(1).
4. Selvalakshmi, M., Verma, H. & Jain, N. (2014). A study on the impact of consumer attitude on consumption behavior towards chocolate. *International Journal of Marketing, Financial Services & Management Research*. 3(2). (Impact factor 0.468)
5. Verma, H. (2012). Community Initiatives in the Hospitality Industry: A Case of SHG Formation of Poor Fisherwomen by the Taj Group of Hotels. *Vimarsh*, 3(1 &2), 25-29
6. Verma, H. & Gupta, P.K. (2010). Community Initiatives by the Hospitality Industry: A Case of Rehabilitation of Weaver Communities in Benaras by the Taj Group of Hotels. *The Alternative, Department of Management, BIT Mesra Journal*, 11(2), 97-107.
7. Verma, H. & Gupta, P.K. (2010). Critical Evaluation of Inventory Management in the Hospitality Industry- A Study of the Indian Hotel and Food Service Industry. *Journal of IEM Institute of Business Management*, 1(1), 52-56.
8. Banerjee, M. The task of a modern educator is not to cut jungles but to irrigate deserts. *International organization of scientific research*, issn: 2319-7668, impact factor: 1.458. Vol 16, issue 5, may 2014.
9. Banerjee, M. Role of language to make or break a tourist experience in cross culture. *Journal; international journal of science and research*, issn: 2319-7064, impact factor: 3.358 Vol3, issue10, oct, 2014



10. Banerjee, M . Ecotourism in sunderbans...a life line for local people and the ecology: international journal of science and research, ISSN: 2319-7064, impact factor: 3.358 Vol3, issue 11, Nov, 2014.
 11. Banerjee, M . Paving way out of kitchen...a journey of empowering of women through tourism.P Pacific hospitality review, issn: 2320-1398, vol 3, issue 5, jan2015
 12. Banerjee, M . Impacts of heritage tourism in indian economy (a case study on rajasthan). International journal of development studies, issn: 0975-5799,vol 6,issue 1,jan-june,2014
 13. Banerjee, M .Food tourism: an effective marketing tool for indian tourism industry. International journal of science of technology and management,issn:2394-1537,impact factor:2.012,vol 4,issue 7,june2015
- Monographs/ Articles 04
 - 1. Verma,H. (2011, November 09), Bina Helmet Vaahan Chalate Bacche, Jimmedar Kaun, *I next, Bareilly*.
 - 2. Verma, H., Menachery, A. & Parida, R.C. (2011). Shakti Electronics. *Cases in Management*, IIM, Ahmedabad. 82-88.
 - 3. Verma, H. (2011). Mismanagement at IIMA café Tanstaafl. *We shall cross the sea, into a fairyland: A collection of creative and journalistic writings*, IIM, Ahmedabad.55-56.
 - 4. Verma, H. (2011). The Second Daughter. *We shall cross the sea, into a fairyland: A collection of creative and journalistic writings*, IIM, Ahmedabad. 103-104.
- Chapters in Books 12
 - 1. Negi, D.S. unit/ chapters in books uttranchal open university des 103 2011 Introduction to beverages: unit-1: beverages, unit-2: non -alcoholic beverages, unit-3: tobacco, unit-4: introduction to sprits, unit-5: wines, unit-6: introduction to soup & garnishes.
 - 2. Negi, D.S. unit/ chapters in books uttranchal open university dam 103 2011
 - 3. Cleaning procedure: unit-1: cleaning concept, unit-2: cleaning equipment,Rooms division operation, Unit-2: uniform & uniform room
 - 4. Negi, D.S. food & beverage operations, unit-1:sprits-1, unit-2:sprits-2, unit-3:sprits-3
 - 5. Negi, D.S. bar, Unit-1: bar , Unit-2:beer, Unit-3: cocktails & mocktails
 - 6. Negi, D.S. bakery & confectionery, Unit-1: bakery products,
 - 7. Negi, D.S. front office management, Unit-11:pest control & waste disposal, Unit-12:interior designing, Unit-13: interior oreantaion, Unit-14: planning trends
 - 8. Negi, d.s. food & beverage mang.Unit-1: introduction & objective s of f&b control,Unit-2: cost & sales concept
 - 9. Banerjee, m. Introduction to housekeeping, bhm/dhm-102, units (11, 12, 13), uttarakhand open university, Isbn: 978-93-84433-62-8, 2014 edition
 - 10. Front office management, bhm-301, unit (7, 8, 9, 10) uttarakhand open university Isbn: 978-93-84433-67-3, 2014 edition



11. Principles of management, bhm-303, units (6, 10) uttarakhand open university
12. Isbn: 978-93-84433-69-7, 2014 edition Cleaning procedures and operations, dam-103, units (8, 9, 11, 13) uttarakhand open university Isbn: 978-93-84433-74-1, 2014 edition
 - Edited Books 01
 - Books with ISBN with details of publishers :
 - i. Verma, H., & Gupta, P.K. (2011). *Purchasing and Materials Management for the Hospitality Industry*, New Delhi: Aman Publications.
 - Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International SocialSciences Directory, EBSCO host, etc.)
 - Citation Index – range / average
 - SNIP
 - SJR
 - Impact Factor – range / average
 - h-index
23. Details of patents and income generated: Nil
24. Areas of consultancy and income generated: Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad:
26. Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify)
 - Dr. Hema Verma, Editorial Board Member, Standard International Journals (The SIJ) (ISSN 2321-242X)
 - Dr. Hema Verma, Member of committee to formulate syllabus of Bachelor of Hotel Management at UP State level
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Faculty members have attended UGC/ AICTE induction, refresher programmes and attend workshops/ training programs on regular basis:
 1. Dr. Hema Verma attended FDP on Environmental Impact Assessment organized by Department of Chemical Engineering, Faculty of Engineering & Technology (FET) under TEQIP-II funded by World Bank, MJP Rohilkhand University, Bareilly, March 26-28, 2015.
 2. Dr. Hema Verma attended National workshop on “Communication Skills for Change Management in Classrooms” under TEQIP- II funded by World



Bank and organized by Department of Humanities, MJP Rohilkhand University, Bareilly, 9-14 Dec. 2013.

3. Dr. Hema Verma attended one week course on “Enhancing effectiveness of classroom teaching through soft skills” at Quality Improvement Programme Centre, IIT Roorkee, 10-14, June 2013.
 4. Dr. Hema Verma attended one week course on “Research Tools, techniques and software applications for quality research” at Quality Improvement Programme Centre, IIT Roorkee, 3 -7 June 2013.
 5. Dr. Hema Verma attended 24 week Faculty Development Programme in Management (FDPM), IIM, Ahmedabad June 06 to Sept.24, 2011
 6. Dr. Hema Verma attended -Learning Curve Simulation Workshop: Cross Functional Decision Making & Business Impact, IIM Ahmedabad, 19-20 August, 2011.
 7. Dr. Hema Verma attended Faculty Development Programme- Research Methodology & Applications of SPSS, Department of Business Administration, MJP Rohilkhand University, Bareilly, 7-8 March 2011.
 8. Dr. Hema Verma attended Faculty Development Programme- Developing and Analysing the Management Cases, Department of Business Administration, MJP Rohilkhand University, Bareilly, 26-27 Nov. 2010.
 9. Mr. D.S. Negi attended national workshop on self international serving material department uttaranchal Open University Haldwani Nainital.
 10. Mr. D.S. Negi attended faculty development program-case writing, technical paper writing, Indain institute of tourism and travel mang. Gwalior 2013
28. Student projects
- Percentage of students who have done in-house projects including inter-departmental projects :
100% students done in-house project
 - percentage of students doing projects in collaboration with other universities industry / institute :
100 % students do training report project and other project in collaboration with industry
29. Awards / recognitions received at the national and international level by Faculty Doctoral / post doctoral fellows Students
Nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.
Nil
31. Code of ethics for research followed by the departments
Emphasis on original work with no plagiarism

32. Student profile programme-wise:

Name of the Programme(refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-11	45	32	05	30	0
2011-12	17	0	0	26	0
2012-13	27	17	01	30	04
2013-14	27	20	02	25	Result
2014-15	24	15	03	-	awaited

33. Diversity of students: N.A.

Name of the Programme (refer to question 4)	% of students from the same University	% of students from other Universities within the state	% of students from other Universities outside the state	% of students from other Countries
BHMCT 2011-12	NA	NA	01	
BHMCT 2012-13	NA	NA	01	

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Two students cleared Defense Services Examination and one is a serving Army officer

35. Student progression (Student progression Percentage against enrolled):

Student Progression	% against enrolled
UG to PG	20%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	-
▪ Campus selection	-
▪ Other than campus recruitment	80%
Entrepreneurs	-

36. Diversity of staff:

Percentage of faculty who are graduates	
from other universities within the State	50%
from universities from other States	50%
from universities outside the country	-



37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:
Nil
38. Present details of departmental infrastructural facilities with regard to
- | | |
|---|-------------------------------|
| a. Library | Central Library of university |
| b. Internet facilities for staff and students | Available |
| c. Total number of class rooms | 03 |
| d. Class rooms with ICT facility | Nil |
| e. Students' laboratories | 04 |
| f. Research laboratories | Nil |
39. List of doctoral, post-doctoral students and Research Associates Nil
1. from the host institution/university
 2. from other institutions/universities
40. Number of post graduate students getting financial assistance from the university:
N.A.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Need of the industry was assessed before formulating & implementing the new syllabus for BHM by taking feedback from training managers of major hotels and alumni. No new programme developed.
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, faculty members are also members of Board of Studies and their suggestions regarding curriculum and teaching-learning-evaluation are incorporated and syllabi is accordingly upgraded.
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, the department accordingly adjusts teaching.
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback?
Yes, by incorporating suggestions in course work.
43. List the distinguished alumni of the department (maximum 10) :
1. Mr. Rohit Dimri, Executive Chef, Windstar Cruises
 2. Mr. Vishal Mathur, General Manager, Hotel Pondicherry Ashok, ITDC.
 3. Mr. Dheeraj Pathak, Executive Housekeeper, The Imperial, New Delhi
 4. Mr. Madan Mohan Nagpal, Assistant Director, Starwood Hotels & Resorts Worldwide Inc, Dubai.



5. Mr. Vishal Agarwal, Culinary Arts Faculty, North Shore International Academy, Auckland, New Zealand
 6. Mr. Amit Tandon, Front Office Manager, Indian Hotels Company Limited (Taj Group), Agra
 7. Dr. Saurabh Dixit, Head, Department of Tourism & Hotel Management, North Eastern Hill University, Shillong.
 8. Mr. Manoj Solanki, Director, SK Metal International, Dubai
 9. Mr. Ankush Arora, Associate Vice President, Century 21.
 10. Mr. Rahul Bhatt, Front Office Manager, ITC Welcomgroup Hotels.
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Special lectures conducted for students frequently.
45. List the teaching methods adopted by the faculty for different programmes.
Lectures, Group Discussions, Case Method, practical Lab Work
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Continuous training of students both in the department and six month Industry training ensures achievement of program objectives. Learning outcomes are monitored through internal evaluation.
47. Highlight the participation of students and faculty in extension activities.
Faculty has conducted lectures at workshops:
- Dr. Hema Verma, Resource Person, for workshop on Hospitality theme for Starplus Ladies club- Anokhi organized by Hindustan Times, Bareilly, 23 Jan. 2014.
 - Dr. Hema Verma, Lecture on 'Career in Hospitality Industry' as resource person for Workshop on Careers, Army Public School, Bareilly, Oct.16, 2012.
 - Dr. Hema Verma, Conducted four sessions as Resource Person at 3-Day workshop on 'Building Employee Morale' at National Hydro Power Corporation, Banbasa Campus, on 30-11-11.
 - Mr. D.S. Negi, Guest Speaker, Issues & challenges in the areas of hospitality education to meet global standard Indian practice in education for hospitality professional, HR institute of hotel management 2010
 - All students go on 6 months Industrial training where they learn industry practices and also share their academic learning with staff.
48. Give details of "beyond syllabus scholarly activities" of the department:
Group discussions & in class presentations/ seminars
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details
Approved by AICTE



50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Faculty has published research papers and books – Hospitality in India is an area in nascent stage of research and departmental faculty is contributing significantly to the area.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths :

1. The first University department in the country which started BHM degree in University campus in the year 1996.
2. Only BHM degree course running in this area of Rohilkhand region.
3. Well qualified and experienced faculty members.
4. Well built and spacious department building.
5. Excellent placements and well placed alumni.

Weaknesses:

1. Only two regular faculty members.
2. Problems in admissions through UPTU
3. Less number of students
4. Lack of laboratory support staff.
5. Lack of faculty motivation.

Opportunities:

1. Department capable to be developed as a Centre of Excellence for hospitality education.
2. Can be developed as a center of skill development in the area of hospitality.
3. Post Graduate degree in hospitality which is not available in Rohilkhand region can be commenced
4. Running short training courses for hospitality industry staff.
5. Organising workshops on food hygiene for poor rural women/ workers of dhabas etc.

Challenges :

1. Retention of faculty (One of three faculty members already resigned)
2. Appointing lab staff
3. Establishing all required laboratories
4. Renovating existing old labs
5. Implementing proper service conditions of faculty members.

52. Future plans of the department.
Commencing a Post Graduate Programme in Hotel/ Tourism Management



Department of Law

1. Name of the Department:
[Law](#)
2. Year of establishment:
[1987](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
 - [LL.M. \(Master of Laws\) Two Years Full Time PG programme](#)
 - [Ph.D. \(Law\) Programme](#)
5. Interdisciplinary Programmes and Departments involved:
[NIL](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[NIL.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester System](#)
9. Participation of the Department in the courses offered by other Departments.
[NIL](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	-	1
Associate Professor	2	-	2
Asst. Professor	4	3	1
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	Experience (in Yrs)	No. of Ph.D. students guided for the last 4 years
Dr. Amit Singh	B.Sc, DCA, PGDC, LL.M., LL.D.	Assistant Professor (Sr. Scale)	Constitutional Law, Human Rights, Public Laws etc.	11	06
Dr. Navin Kumar Chaubey	B.Sc, LL.M., Ph.D.	Assistant Professor	Administrative Law, Research and Meth. etc.	07	Nil
Mr. Ashok Kumar	B.A, LL.M., Ph.D. (Sub.)	Assistant Professor (Sr. Scale)	Human Rights, Constitutional Law etc.	08	Nil

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:

S. N.	NAME	ADDRESS
1	Prof. S.K. Singh	Ex. Vice Chancellor, MP Bhoj University, Bhopal
2	Prof. S.D. Sharma	Dean & Head Kumaon University, Uttarakhand
3	Prof. Preeti Saxena	Dean & Head, BabashabBheemraoAmbedkar University, Lucknow
4	Prof. Shaukat Ali	Ex. Head & Dean (Law), MJP Rohilkhand University, Bareilly.
5	Prof. Reena	Ex. Head & Dean (Law), MJP Rohilkhand University, Bareilly.
6	Prof. Sheephali Yadav	Ex. Head & Dean (Law), MJP Rohilkhand University, Bareilly.
7	Dr. Deepak Anand	Dean, Faculty of Law, MJP Rohilkhand University, Bareilly.
8	Prof. Harbans Dixit	Principal, M.H. PG College, Moradabad.
9	Dr. NaseemAkhtar	Associate Professor, Bareilly College, Bareilly.
10	Dr. A.V. Kafaltia	Associate Professor, Bareilly College, Bareilly.
11	Dr. D.K. Singh	Associate Professor, Bareilly College, Bareilly.
12	Mr. YogendraYadav	Senior Gandhian Philosopher and Scholar, Vardha Maharashtra



13. Percentage of classes taken by temporary Faculty Program-wise information:
NIL
14. Program-wise Student Teacher Ratio:
15:1
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
 - Centralised Support Facility of University
 - Actual Position : One Computer Programmer, one Class III Employees and one Class IV Employees
16. Research thrust areas as recognized by major funding agencies:
We are in the process to establish in collaboration with Uttar Pradesh UchhSikshaParishad and another funding agencies like UGC, IISS etc. hopefully we will succeed in near future.
17. Number of faculties with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
NIL
18. Inter-institutional collaborative projects and associated grants received.
 - a) National collaboration : Nil
 - b) International collaboration : Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
“A socio-legal study of The Role of Media in the Protection and Promotion of Human Rights with reference to state of Uttar Pradesh” By Mr. Ashok Kumar, Rs.1,50,000.00
 - Project started in the year 2013 onwards. Final report is submitted in May 2015.
 - An office for UGC funded project is established at the first floor of the department with well-equipped technological facilities like computer, LASER Printer etc.
 - By the grant of UGC a small project library is also established.
20. Research faculty / centre with
 - State recognition: -
 - National recognition: -
 - International recognition: -
21. Special research laboratories sponsored by/Created by industry or corporate bodies:
None



22. Publications:

* Number of papers published in peer reviewed journals (national/international): 25

1. Ashok kumar, Manvadhikar H.I.V. / AIDS; Manvadhikar: Naeedishain, ISSN 0973-7596 , ISBN 978-81-904411-7-9 National Human Rights Commission , New Delhi
2. Ashok Kumar , Dr. PritiSaxena ; I.C.T. and regulatory frame work in India with reference to satellite communication: An overview”, NLU, Delhi
3. Ashok Kumar , Dr. PritiSaxena ; Human Rights,Media Freedom and Media Trial in India,, ShodhPrerak, Vol.-1 Issue-3 ,July 2011[ISSN 2231-413X]
4. Ashok Kumar, Dr. PritiSaxena; I.C.T. and Digital Media in Higher Education: As A Ground-Breaking Vigor For Education in India" journal "Global Journal of Legal Studies" (Ed. Feb-1012/ 1/2012).
5. Ashok kumar, Human Rights Violation of girl Child and Role of Media in India, Empowerment of Women: Programme, Policies, Issues and challenges (ed). By Dr. Muhammad Nayim, Shree Publication & distributors, New Delhi 110002
6. Ashok kumar, Prof. Priti Saxena; Human Rights and Crime against Children in India (ed) by A.k. Singh, S.P. Singh & S.K. Biswas, Bal Vikas Prakashan, New Delhi, ISBN 8176690163

Dr. Amit Singh's Publication

1. Article on “Child Sexual Abuse: Problem and causes” published in Law review (Journal), page no. 85-88.
2. Article on “consultative justice of Indian Supreme Court” published in Law review, page no. 9-13.
3. Article on “cinematograph film: A Historical overview of its protection in copy right system” published in The Sanchar Shri, ISSN No. 0973-8630.
4. Article on “Video Piracy and Indian cinema” published in Sanchar Shri, ISSN 0973-8630.
5. Article on “The practice of untouchability in India” published in IJRDMs, ISSN 0975-0614.
6. Article on Domestic Violence against women: an overview published in Book title with Domestic Violence against Women in India, ISBN 978-81-907891-2-7, page no. 129-154 July 2010.
7. Article on CORRUPTION: A NEW IMPEDIMENT TO HUMAN RIGHTS Published in Global Journal of Law and Humanities Vol. 1, ISSN 2347-6583
8. Article on Political Corruption and Elections In India: A Legal Analysis Published in Global Journal of Law and Humanities Vol. 2, ISSN 2347-6583

* Papers Published National Journals



- * Papers Published International Journals
- * Monographs: 05
 1. How to Avail Free legal Aid, through Legal Aid Center MJPRU
 2. How to form Will, through Legal Aid Center MJPRU
 3. How to Launch FIR, through Legal Aid Center MJPRU
 4. Rights of Child, through Legal Aid Center MJPRU
 5. Rights of Women, through Legal Aid Center MJPRU
- * Chapter in Books: 07
 1. Chapter on Cyber Terrorism: Challenges and Options published in Book title with Cyber Terrorism: Challenges in Option, ISBN 978-81-910749-2-5, page no. 33- 42.
 2. Chapter on A Critical Analysis of Domestic Violence Act 2005 and Its Efficacy in Book titled with Domestic Violence against Women in India And Implementation of PWDV Act, 2005, Page No.
 3. Chapter on Sexual violence against women: Analysis of International Criminal law in the Book title with Affirmative Action Women and Law.
- * Edited Books: 02
- * Books with ISBN with details of publishers: 08
 1. “consultative Jurisdiction of Supreme Court of India,” Author Dr. Amit Singh, published by Deep & Deep Publication New Delhi in 2010
 2. “Manvadhikar Vidhi” , Author Dr. Amit Singh ,published by Universal Publication, Lucknow in 2010.
 3. “Political Corruption in India and Significance of Lokpal”, Author Dr. Amit Singh, ISBN 978-93-82462-17-7, published by Rapid book Publication, Lucknow in 2013.
 4. “Right to Information in India”, Author Dr. Amit Singh, ISBN 978-93-82462-14-9, published by Rapid book Publication, Lucknow in 2014.
 5. “Cyber Crimes”, Author Dr. Amit Singh, published by Alia Law Agency, Allahabad in 2012.
 6. “Uttar Pradesh Higher Judicial Services Examination Book”, Author Dr. Amit Singh, published by Alia Law Agency, Allahabad in 2013
 7. “Uttar Pradesh Judicial Services Examination Book”, Author Dr. Amit Singh, published by Alia Law Agency, Allahabad in 2013
 8. “Protection of Human rights through non governmental organisation in India”, Author Dr. Amit Singh, Published by Regal Publication, New Delhi in 2015.
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Science Directory, EBSCO host, etc.):
- * Citation index – range / average:



- * SNIP:
 - * SJR:
 - * Impact Factor – range / average:
 - * h-index:
23. Details of patents and income generated:
Nil
24. Areas of consultancy and income generated:
Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
Nil
26. Faculty serving in
- a) National committees Nil
 - b) International committees Nil
 - c) Editorial Boards
 - Dr. Amit Singh, Editor in Chief, Global Journal of Law and Humanities
 - Dr. Amit Singh, Editor in Chief, Research Legalese
 - Dr. Amit Singh, Member Editorial Board, Doctrine
 - Dr. Amit Singh, Member Editorial Board, Sanchar Shree, Lucknow University
 - d) Any other (please specify): Nil
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
 - Lecture Series is organized every year on 26 of November (Law Day).
 - Faculty members regularly attend Faculty development Programmes, Workshops, Conferences and Seminars.
28. Student projects
- Percentage of students who have done in-house projects including inter-departmental projects:
 - 100% Students do empirical research project in pursuance of their pre PhD course work
 - Every Student of LL.M., during his Two years course work have to submit nine minor research projects.
 - Every Student of LL.M. has to submit a dissertation thesis in partial fulfillment of his degree.
 - Percentage of students doing projects in collaboration with other universities / industry / institute:

29. Awards/ recognitions received at the national and international level by

▪ Faculty:

Dr. Amit Singh awarded by

- Certificate of honour by prime minister's office for generous contribution for rehabilitation against tsunami on 03/03/2005 (ref. No. 82(23784)/2004 PMF/89581/671939.
- Certificate of honour by Indian law academy for legal awareness and social justice on 10/04/1999 at Lucknow.
- Bharat ShikshaRatan Award' for excellence in education on field by global society for health and education growth on 14 Feb., 2011 at New Delhi.
- Rajeev Gandhi SahityikPurshkar on 14 October, 2013 at Vigyan Bhawan, New Delhi, by President of India ShriPranavMukherji.

Mr. Ashok Kumar

- Nominated by International Biographical Center as International Educator of the year 2012

▪ Doctoral / post doctoral fellows: -

▪ Students: -

30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- In Academic Year 2013-14, Symposia Organised by Department of Law on National Law Day on 26, November 2014 on "Role of Para Legal Centers".
- All workshops/Seminars organized by the have been funded by the University.

31. Code of ethics for research followed by the departments.
UGC Guidelines and University order

32. Student profile program- wise: 2010-15
(admissions on entrance test merit basis)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
LL.M. 2009-10	540	19	11	99	99
LL.M. 2010-11	650	16	14	98	100
LL.M. 2011-12	540	17	13	99	99
LL.M. 2012-13	540	14	16	97	100
LL.M. 2014-15	540	18	12	99	100
Ph.D.	180	16	10	-	-



33. Diversity of students:

Name of the Program (refer to Q. no. 4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state	% of students from other countries
LLM	81%	16%	3%	Nil
Ph.D.	90%	10%	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:

S.No.	Name	Category	Selected in
1.	AmitYadav	OBC	NET JRF
2.	Satyendra Kumar Chaudhary	OBC	NET JRF
3.	Anoop Kumar Singh	OBC	NET JRF
4.	SonikaMathur	GEN	NET
5.	Atul Mishra	GEN	NET
6.	Shilpi Gupta	GEN	
7.	Sunil Kumar	OBC	NET
8.	Nitin Kumar	SC	NET JRF
9.	Chitra Singh	SC	NET
10.	DharmendraYadav	OBC	NET
11.	AkhisleshShukla	GEN	Dy. Commandant ITBP
12.	LaxmiNarainTripathi	GEN	Bihar PCS J
13.	KiranCharturvedi	GEN	Bihar PCS J
14.	SudeshKumari	SC	UP PCS J
15.	AvneeshTripathi	GEN	Law officer
16.	Virendra Sharma	GEN	Dy. Jailor
17.	Yashpal	OBC	UP PCS J
18.	Pallavi Singh	GEN	UP PCS
19.	PuneetTrivedi	GEN	Uttarakhand PCS J
20.	Gurdev Singh	SC	UP PCS

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M. Phil.	NA
PG to Ph.D.	4%
PG to Ph.D. to Post-Doctoral	NA
Employed	
▪ Campus selection	NA
▪ Other than campus recruitment	NA
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	30%
From other universities within the State	Nil
From universities from other State from	Nil
Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:

Nil

38. Present details of departmental infrastructural Facilities with regard to

a) Library:

Central Library. We are in the process to establish a departmental library at first floor for LL.M. and Research Scholars.

b) Internet facilities for staff and students in the Department:

Available to all Staff

c) Total number of class rooms.:

06

d) Class rooms with ICT facility. :

Nil

e) Students, laboratories:

NA

f) Research laboratories.:

NA

39. List of doctoral, post – doctoral students and Research Associates

a) From the host institution / university:

26

b) From other institutions / universities:

Nil

40. Number of post graduate students getting financial assistance from the university:

Nil

41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.

N.A.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching – learning – evaluation? If yes, how does the department utilize the feedback?

Yes. The feedback is used for discussion at Departmental Committee meeting and if some corrective steps are required than the same are taken.

b. Students on staff, curriculum and teaching-learning – evaluation and how does the Department utilize the feedback?

Yes. The feedback is used for discussion at Departmental Committee meeting and if some corrective steps are required than the same are taken.



- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:
Yes. The feedback is used for discussion at Departmental Committee meeting and if some corrective steps are required than the same are taken.
43. List the distinguished alumni of the department (maximum 10):
1. Prof. Dr. S.K. Singh – Ex Vice Chancellor, MP Bhoj University MP
 2. Prof. Dr. PreetiSaxena, Dean Faculty of Law, Baba Sahab Bheemrao Ambedkar University, Lucknow.
 3. Prof. Dr. S.D. Sharma, Dean and Head, Kumaon University, Uttrakhand
 4. Mr. Yash Pal, Judicial Magistrate, Uttar Pradesh
 5. Mr. PuneetTrivedi, Judicial Magistrate, Uttrakhand
 6. MrAkhilesh Kumar Shukla, Deputy Commanded (Legal), ITBP
 7. MrAvnishNaathTripathi, Joint Secretary, Minisitry of Enivorenment
 8. MrLaxmiNarainTripathi, Judicial Magistrate, Bihar
 9. Ms.KiranChaturvediJudicial Magistrate, Bihar
 10. Mr. Gurdev Singh, Audit Officer (PCS), U.P.
44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
The Department has been regularly organizing, Workshop, Lecture Series and Seminar.
1. In Academic Year (20014-2015) the Special Lecture Delivered by Prof. Dr. S.K. Singh, Ex. V.C. MP Bhoj University M.P., on “Law and Public Opinion” on April 22, 2014
 2. In Academic Year (2014-2015) the Special Lecture delivered by Dr. Dharmendra Kumar Singh, Associate Prof. Bareilly College, Bareilly on the topic “The Philosophy of the India Constitution” on 17th Nov 2014
 3. In the Academic Year (2014-2015) the Special Lecture delivered by Mr. YogendraYadav , Senior Gandhian Scholar, Vardha, Maharashtra on the topic “Gandhiji and His relevancy in present scenario” in 2015
 4. In the Academic Year (2014-2015) the Special Lecture delivered by Dr. Mohd. Asad Malik, Associate Prof. JamiaMiliaIslamia, New Delhi , on the topic “Recent Developments in Public Interest Litigation” in 2015
 5. In the Academic Year (2014-2015) the Special Lecture delivered by Prof. Dr. Faizan Mustafa, Vice Chancellor, NALSAR Hyderabad , on the topic “Constitutionalism in India ” in 2012
45. List the teaching methods adopted by the faculty for different programmes:
Lecture Method, Case Study, Presentations, Assignments
46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored:
To ensure programme objectives, besides classroom teaching the department regularly organizes, seminar, workshops, lecture series. To ensure learning outcomes there is the provision to conduct mid semester, end semester examinations apart from assignments and presentations.

47. Highlight the participation of students and faculty in extension activities:
- Faculty & Students visit nearby villages for community development Programmes
 - Faculty has established a Para Legal Cell Inaugurated by the Vice Chancellor Prof. Dr. Mushahid Hussain on 26 Nov 2014
48. Give details of “beyond syllabus scholarly activities” of the department
- Paper Presentation at National/International Level Seminars/Conferences
 - Paper Writing
 - Keynote Speaker
 - Chairing of Technical Sessions
 - Conducting Workshops for Academicians/Executives
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
No
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied:
- The Faculty Members are continuously involved in research work, which help in generation of new ideas and insights that got disseminated through paper writing and paper presentation.
 - Free legal aid center is providing legal aid to the needy class of the society.
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:
- Strengths
- i. Experienced Faculty
 - ii. Emphasis on Research,
 - iii. Observance of Academic Calendar,
 - iv. Placement Assistance and Counseling provided to students
 - v. Job Oriented Curriculum and Class Modular
- Weaknesses
- i. Infrastructural Facilities,
 - ii. Shortage of Regular Faculty,
 - iii. Shortage of Advanced Application Software,
 - iv. Lack of Financial Autonomy
 - v. Lack of Supporting Staff
52. Future plans of the Department:
- To start new four PG Diploma programmes on
- i. PG Diploma in Cyber Laws and Cyber Forensics
 - ii. PG Diploma in Human Rights and Duties
 - iii. PG Diploma in Legal and Para Legal Advocacy
 - iv. PG Diploma in Media Laws



Department of B.Ed./M.Ed. (I.A.S.E.)

1. Name of the Department
Department of B.Ed./M.Ed. (I.A.S.E.)
2. Year of establishment
1986
3. Is the Department part of a School/Faculty of the university
Yes, Faculty of Education & Allied Sciences
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)

S. No.	Levels	Programmes/ Course Offered	Entry Qualifications	Duration	Medium
1	UG*	B. Ed. Specialization in 1. Educational Computing 2. Special Education 3. Vocational education	Graduate with 50% of Marks	1 Year	Hindi/ English
2	PG**	Applied M.Ed.	B.Ed with 55% of marks	2 Semester	Hindi/ English
3	Doctoral	Ph.D. (Education)	M.Ed. /M.A. (Education)	3-5 Years	Hindi/ English

* From session 2015-16, this course has been restructured and named as B.Ed. (Duration: 2 years), in accordance with NCTE Regulations, Dec. 2014.

** From session 2015-16, this course has been restructured and named as M.Ed. (Duration: 4 semester/ 2 yrs), in accordance with NCTE Regulations, Dec. 2014.

5. Interdisciplinary programmes and departments involved
The curriculum/courses of the Department are of inter/multidisciplinary in nature and courses have provision of multi-skill development, inclusive education, practice teaching, school experience/internship and work experience/SUPW. Every faculty of the department has at least two post-graduate degrees, one in Education and the other in one school-subject. This shows in itself the interdisciplinary nature of the department. Faculty from various specialized background are involved in curricular transactions. Besides teaching in regular schools, the teacher trainees' acquire additional skills of teaching children with special needs, vocational trades and ICT based lessons.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.



Department runs a study centre for IGNOU to conduct M. Ed. Special Education (Learning Disability) programme through distance mode.

7. Details of programmes discontinued, if any, with reasons
B. Ed. (Special Education: Learning Disability) was discontinued due to RCI instructions for the session 2014-15. However, RCI has given permission to restart this course as soon as the norms and modalities are finalized by RCI.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

S.No.	Courses	Examination System
1	B.Ed. (Specializations in -Vocational Education, Educational Computing, & Special Education)	Annual
2	Applied M.Ed.	Semester

9. Participation of the department in the courses offered by other departments
No

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professors	01	Nil	04
Associate Professors	11	05	07+ 1 (on Leave)
Assistant Professors	19	10+01 (on Leave)	04

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S. N.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
1	Dr. N. P. Singh	M. Sc., M.Ed., Ph. D.	Professor	Educational measurement and Evaluation	28 Years	03
2	Dr. Nagendra Nath Pandey	M.Sc. (Phys), M.Ed, Ph.D	Professor	Research Methodology and co-operative Learning	27 years	Nil
3	Dr. B. R. Kukreti	M.A., M.Ed., Ph. D.	Professor	Research Methods, Measurement & Evaluation, Educational Technology	28 years	03

4	Dr. Radha Dua	M.Sc., M.Ed, Ph.D	Professor	Educational Psychology, Guidance and Counseling	35 Years	05
5	Dr. Nalini Srivastava	M.Sc. (H.Sc.), Ph.D.	Associate Professor	Extension Education, Vocational Education, Curriculum Development	26 Years	Nil
6	Dr. Rashmi Agarwal	M.Sc., M.Ed., Ph.D. (Edu)	Associate Professor	Educational Psychology & Educational Technology	22 years	04
7	Dr. Kamlesh Kumar Chaudhary	M.A., M.Ed., Ph.D	Associate Professor	Sociological foundations of Education, Guidance and Counseling, Value education	22yrs	Nil
8	Dr. Santosh Arora	M.A. (H.Sc.) M.Ed, Ph.D	Associate Professor	Educational Technology, Vocational Education	19	04
9	Dr. Anju Agarwal	M.Sc., M.Ed., Ph.D.	Associate Professor	Measurement & Evaluation, Educational Technology, Special Education	19 years	04
10	Dr. Pradeep Kumar Misra	M.Sc., M.Ed., Ph.D.	Associate Professor (on leave)	Educational Technology, Teacher Education, Lifelong Learning	19 years	04
11	Dr. Sudhir Kumar Verma	M.Sc., M.Ed., Ph.D. (Phy. & Edu.)	Associate Professor	Educational Technology, Science Teaching, Vocational Education	19 years	Nil
12	Dr. Yash Pal Singh	M.Sc., M.Ed., Ph.D.	Associate Professor	Research Methods & Statistics, Measurement & Evaluation, Educational Technology, Special Education	19 years	04
13	Dr. Tarun Rashtriya	M.Com. M.Ed, Ph.D. (Comm. & Edu.)	Assistant Professor (Sr. Scale)	Vocational Education, Educational Technology, Special Education	19 years	Nil
14	Dr. Pratibha Sagar	M.C.A., M.Ed., Ph.D. (Edu)	Assistant Professor	Educational Technology, Computer Education	18 years	Nil

15	Dr. Jyoti Pandey	M.Com, M.Ed, Ph.D	Assistant Professor	Educational Psychology	12 years +	Nil
16	Dr. Prem Pal Singh	M.A. M.Ed, Ph.D	Assistant Professor	Designs of experiment and Advanced Stats., Comparative Education.	13 years +	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
N. A.

13. Percentage of classes taken by temporary faculty – programme-wise information

Number of appointed temporary faculty is two only. Each temporary faculty has to take 15 classes per week.

Programme	No. of Classes taken by Guest Faculty	Percentage
B.Ed. Specializations in - Vocational Education, Educational Computing, & Special Education	30 classes per week	15%
Applied M.Ed.	Nil	Nil

14. Programme-wise Student Teacher Ratio

Programme	No. of Students	No. of Teachers	Student-Teacher Ratio
B.Ed. (Specializations) & Applied M.Ed.	220+ 42	16+ 02 (Guest faculty)	1:15 approx.

15. Number of academic support staff (technical) and administrative staff: Sanctioned, filled and actual

	Sanctioned	Filled	Actual
Academic Support Staff	27	--*	13
Administrative Staff	05	--*	--

* Most of the sanctioned posts have been filled. However, some of the appointed staff is working with in administrative wing of the university.

16. Research thrust areas as recognized by major funding agencies-
The Department has identified the following thrust areas for strengthening research activities:

- Educational Technology
- Special Education
- Vocational Education
- Environmental Education
- Primary Education



17. Number of faculty with ongoing projects from a) national b) international Funding agencies and c) Total grants received. Give the names of the funding Agencies, project title and grants received project-wise.

The status of the projects is given below:

S. N.	Project Title	National/ International	Total Grants Received	Funding Agency	Present status
1	Center for Disability Studies under 'Center for Excellence' scheme	Institutional/ State	Rs. 39.50 Lacs	Govt. of Uttar Pradesh	On going
2	Qualiy Assessment of Primary Education	National	Rs.1.25 Lacs	AIU, New Delhi	Submitted in 2010
3	A Study of Organizational Role Stress, Work Alienation and Coping styles among Higher education Teachers	National	Rs.1.35 Lacs	UGC	On going
4	A study of Dropout of Girl Child in Uttrakhand	National	Rs.3.97 Lacs	ICSSR, New Delhi	On going
5	The socio-economic impact of Internet policy in India (State of Uttar Pradesh) from a local to global perspective	International	USD 5,000	CGCS, University of Pennsylvania, USA	Completed
6	Use of online social networking sites by Indian youths	National	Rs.2.66 Lacs	ICSSR, New Delhi	Completed
7	Design and Development of 'E-Modules on Teaching Skills' for Higher Education Teachers	National	Rs. 1.40 Lacs	UGC	Completed

18. Inter-institutional collaborative projects and associated grants received.
- a) National collaboration None
- b) International collaboration None
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
- Yes, Center for Disability Studies has been approved and funded by State Government of Uttar Pradesh to the Department with a grant of Rs. 19.75 Lacs. Total grants received: More than 33.5 Lacs

20. Research facility / centre with state recognition, national recognition, and international recognition

S. No.	Research Centre	Recognized by	State/National/ International Recognition
1	Center for Disability Studies	Uttar Pradesh State Government	State Recognition

21. Special research laboratories sponsored by / created by industry or corporate Bodies

None

22. Publications: (Annexure -1)

S. No.	Publications	National	International
1	No. of Papers Published	112	45
2	Monographs	-	01
3	Chapters in Books	28	02
4	Edited Books	01	-
5	Books with ISBN with details of publishers	05	01

23. Details of patents and income generated N. A.

24. Areas of consultancy and income generated No

25. Faculty selected nationally / internationally to visit other laboratories / institutions/Industries in India and abroad:

1. Dr. Pradeep Kr. Mishra was awarded Commonwealth Academic Fellowship by Commonwealth Scholarship Commission, United Kingdom in 2013.
2. Dr. Pradeep Kr. Mishra was awarded Indo-French Social Scientist Exchange Scholarship by FMSH, Paris and UGC, India in 2013.
3. Dr. Nalini Srivastava visited to PSS Central Institute of Vocational Education (NCERT) Bhopal (M.P.) during Feb., 2015.

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) anyother (please specify)

Faculty serving in	Number	Details
International Committees	-	-
National Committees	-	Different Faculty Members are serving as Expert, Observer, Selection Committee

		Members, Chairman &/or Member, Visiting Team Members for NCTE, Members of University Inspection Teams, Member, Board of Studies; Academic Council; Examination Committee & Executive Council of different state and central universities. (Annexure - 2)
Editorial Board	05	<ol style="list-style-type: none"> 1. Prof.N.N.Pandey-Chief Editor, <i>Teacher Education</i>, Journal of Indian Association of Teacher Educators 2. Prof.N.N.Pandey- SLM of three courses of M.P.Bhoj Open University, Bhopal 3. Prof. B. R. Kukreti – Member of Editorial Board in : <ol style="list-style-type: none"> (i) Aim Explore (ISSN: 0973-0001) (ii) Gyan – The Journal of Education (ISSN: 0972-9992) (iii)Teacher Education (2009-10) (ISSN: 0379-3400) (iv)Bricks Journal of Educational Research (ISSN: 2231-5829) 4. Dr. Kamlesh Kr. Chaudhary, Member, Editorial Board, <i>Teacher Education</i>, Journal of Indian Association of Teacher Educators 5. Dr. Yash Pal Singh as Member, Editorial Board in <ol style="list-style-type: none"> (i) “Abstracts of Researches in Education”, Vol.II Published by I.A.S.E., M.J.P. Rohilkhand University, Bareilly (ii) Journal of Education & Allied Sciences, I.A.S.E., M.J.P. Rohilkhand University, Bareilly (iii)Mangalmay Journal of Education and Pedagogy, Noida. ISSN 2229-3914 (iv)International Journal of Social Sciences and Entrepreneurship – IJSSE, ISSN 2307-6305 (v) International Academic Journal of Social Sciences and Education 6. Dr.Pratibha Sagar, Member, Editorial Board, <i>Teacher Education</i>, Journal of Indian Association of Teacher Educators 7. Dr.P.P.Singh, Member, Advisory Committee, journal ‘Sodh Gyanantika’.



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, Workshops, training programs and similar programs).
Faculty recharged by attending Refresher courses, Workshops, & Training programmes from time to time. **(Annexure - 3)**

28. Students' Projects

- Percentage of students who have done in-house projects including interdepartmental Projects
B.Ed Students conduct Projects and M.Ed Students conduct Dissertation research
- Percentage of students doing projects in collaboration with other universities / industry / institute
No

29. Awards / recognitions received at the national and international level by Faculty. Doctoral/post doctoral fellows, Students

Awards/ fellowships received to faculty	No. of Awards	Details
Distinguished Alumni Award, Commonwealth Academic Fellowship, Indo-French Social Scientist Exchange, UGC Post-Doctoral Research Award (not availed).	05	<ul style="list-style-type: none"> Dr.Pradeep Kumar Misra was awarded Commonwealth Academic Fellowship by Commonwealth Scholarship Commission, United Kingdom in 2013; Indo-French Social Scientist Exchange Scholarship by FMSH, Paris and UGC, India in 2013; and UGC Post-Doctoral Research Award by UGC, India in 2012 Professor N. N. Pandey received awards from Alumni Association of Education, Banaras Hindu University, 2011. Professor N. N. Pandey received Award of Eminence for distinguished services in the field of Teacher Education by IATE in 2015

30. Seminars/ Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any.

S. No.	Theme of Seminar Organized	Source of Funding (State/National/International)	Details of Outstanding participants
1	44th Annual Conference of Indian	IATE & MJP Rohilkhand	Prof. A.K.Sharma, Former Director, NCERT, Prof.Mohd Miyan,Vice Chancellor, MANUU,

	Association of Teacher Educators, 22-24 Dec, 2010	University, Bareilly	hyreabad, Prof. S. V. S Chaudhary, Former Vice Chairman, NCTE, Prof R. P. Bhatnagar, former Head and Dean, Meerut University, Meerut, Prof Harikesh Singh, BHU, Varanasi, Prof U. C. Vashishtha, Lucknow University, Lucknow, Prof M. Pareek, Rajasthan University, Jaipur, Prof P. K. Sahoo, University of Allahabad, Prof B. N. Panda, RIE Bhuvneshwer, Prof H. K. Senapati, RIE Bhopal
2	Workshop on Excellence in Vocational Education: On the Job-Training and Apprenticeship Training, Department of Education MJPRU, Bareilly, March 8-9, 2011.	National, Funded by UGC_DRS (SAP-III)	Prof. P. K. Yadav, Head & Dean, Faculty of Management, MJPRU, Bareilly District Inspector of Schools, Bareilly
3	Seminar on Promoting E-governance Culture in Institutions of Higher Education”, MJP Rohilkhand University, Bareilly, March 20-21, 2013.	National, Funded by MJP Rohilkhand University	Dr. K. Srinivas, Director IT Services, Ambedkar University, Delhi, Dr. R. C. Sharma, Regional Director, IGNOU, New Delhi, Prof. H. C. Pokhariyal, Executive Director, School of Open Learning, Delhi University, New Delhi, Dr. Ashok K. Gaba, Associate Professor, School of Vocational Education and Training, IGNOU, New Delhi
4	Seminar on Education and Rehabilitation of Children with Special Needs, Department of B.Ed/M.Ed, MJP Rohilkhand University, Bareilly, 22-23 March, 2013.	National, Funded by Government of Uttar Pradesh	Padam Shri Prof Ravindra Kumar, Professor Sudesh Mukhopadhyay (Currently Chairperson, RCI), Shri T D Dhariyal (Then Member-Secretary, RCI), Prof. J. K. Joshi, Dr. J. P. Singh (Ex-Member-Secretary, RCI), Dr. Sheffali Gulati (AIIMS),
5	Seminar on Professional Development of	Funded by MJP Rohilkhand	Prof. J. K. Joshi, NCTE, Jaipur Dr. Amitav Misra, IGNOU, New Delhi

Teachers: Potentials, Pathways, Skills, 25Feb. 2015, MJP Roh. Univ., Bareilly	University, Bareilly	Dr. Manoj Kumar Saxena, Central University, Himachal Pradesh.
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31. Code of ethics for research followed by the department:
Researchers maintain privacy, confidentiality and anonymity (where ever necessary) of respondents. At the level of research supervisor and RDC, it is ensured that research does not serve private interests. Researchers are advised to conduct the study with honesty and integrity and warned against plagiarism.

32. Student profile programme-wise:

Name of the programme (Refer to Question 4)	Applications Received	Session	Selected		Pass percentage	
			Male	Female	Male	Female
B. Ed. (Specializations)	Admissions through State Level Selection test.	2010-11	154	55	94.8	100
		2011-12	151	50	95.4	100
		2012-13	126	56	92.9	100
		2013-14	94	46	91.5	100
		2014-15	126	47	NA	NA
Applied M.Ed.	Admissions through Entrance test conducted by University which includes other colleges also.	2010-11	31	11	93.5	100
		2011-12	20	21	90	100
		2012-13	25	16	72	100
		2013-14	26	15	96.2	100
		2014-15	22	20	NA	NA
Ph.D.	465	2010-15	59	44	NA	NA

33. Diversity of students

Name of the programme (refer to question no. 4)	Years	Percentage of Student from same university	Percentage of Student within state university	Percentage of Student from university out of state
B.Ed (Specialization)	2010-11	43%	55%	2%
	2011-12	49%	48%	3%
	2012-13	50%	47%	3%
	2013-14	43%	55%	2%
	2014-15	55%	40%	5%
Applied M.Ed	2010-11	NA	NA	NA
	2011-12	76%	24%	00%
	2012-13	71%	17%	12%
	2013-14	74%	21%	5%
	2014-15	78%	19%	3%



34. How many students have cleared Civil Services and Defense Services examinations? NET, SET, GATE and other competitive examinations? Give details category-wise.

Please see [Annexure-4](#)

Sl.	Competitive Examinations	Number of Students Qualified (Category wise)			
		Gen	OBC	SC	ST
1	UGC (NET) -JRF	11	07	02	-
2	UGC(NET)	17	14	05	-
3	SET	-	-	-	-
4	Civil Services	-	-	-	-
5	Defense Services	-	-	-	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	8% approx.
PG to M.Phil.	NA
PG to Ph.D.	Approx.25% students enroll for Ph.D.; However the programme has not run during the assessment period.
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	NA
• Other than campus recruitment	Almost 100%
Entrepreneurs	NA
Any other	NA

* B.Ed and M.Ed

36. Diversity of staff:

Percentage of faculty who are Post graduates		
	Number	Percentage
a) of the same university	06	38%
b) from other universities within the State	05	31%
c) from universities from other States	05	31%
d) from universities outside the country	00	00

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Three faculty members have been awarded Ph.D. in Education during this period. They are:

1. Dr. Sudhir Kumar Verma, 2011
2. Dr. Tarun Rastriya, 2012
3. Dr. Pratibha Sagar, 2012



38. Present details of departmental infrastructural facilities with regard to
- a) Library

The department has its own library having 19076 books. This includes a good number of reference books over 2000.

The departmental library contains collection of the following -

 - a. Books (Departmental) - 19076 (as per Accession Register)
 - Textbooks- Approx.15,000
 - Reference books- Approx. 4,000
 - b. Journals subscribed- 01
 - Indian journals
 - Foreign journals
 - b) Internet facilities for staff and students-

The department has a well equipped computer lab for use of students and staff. The students and staff are free to use the services of computer lab. Besides, the department has provided a personal desktop with internet facility to each faculty for academic use.
 - c) Total number of class rooms- 06
 - d) Class rooms with ICT facility- 01
 - e) Students' laboratories-

The department has:

 - Computer Lab
 - Media Center
 - Business and Marketing Lab
 - Science and Technology (electronics) Lab
 - Photography Lab
 - Home Economics Lab
 - Psychology Lab
 - Centre for Disability
 - Practice-Teaching Lab/Model School

Along with it, the department gets annual budget from the University for purchase for new equipments and maintenance. Department utilizes this grant to enhance facilities and maintenance of existing labs.
 - f) Research laboratories- Not Applicable
39. List of doctoral, post-doctoral students and Research Associates
- a) From the host institution/university
 - b) From other institutions/universities

Please see **Annexure-5**
40. Number of post graduate students getting financial assistance from the university-
- The financial facilities are provided in the form of fee reimbursement/ Scholarship by State Government.



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:
No new programme has been developed during assessment period.

42. Does the department obtain feedback from?

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

There is no formal strategy to obtain feedback from faculty members. Only through discussion through organization of departmental meetings, formation of specific committees as per the discriminative nature of courses running in the department and specific discussions on various curriculum and teaching-learning related issues feedback is obtained from faculty.

The department utilizes the feedback by discussing it in BOS meetings for improving/modifying curriculum if such need is felt necessary and also by providing further suggestions to faculty members by organizing meetings and discussion sessions as per the need.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

No formal system to obtain students' feedback exists but informal feedback provided by students within and outside classroom interaction is utilized for betterment of teaching learning process and the institution.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

The Department has an active Alumni Association since year 2004. The current office bearers of alumni association are-

a) President -Prof.B. R. Kukreti

b) Secretary- Dr. Manoj Kumar Saxena

c) Joint. Secretary –Dr.Tarun Rashtriya

The department organizes annual meetings of alumni association to discuss various issues related to growth and development of the department. The copy of minutes of annual meetings of alumni association for the evaluation period is attached in **Annexure-6**.

As the Alumni of department are holding prominent positions in various institutions. Department obtains feedback from them not only through annual meetings but also at the time of their visits to the Department. Their interaction with teachers, staff and students creates motivation and inspiration amongst all. They contribute significantly not only participating in the academic activities such as conference/seminars but they also show an exemplary sense of volunteerism in organizing the activities along with the faculty members of the Department. Many alumni are holding the position of Principals in local schools and they cooperate and support the Practice Teaching Activities, Research data collection of the students in their schools/colleges without any conditions. Alumni association provides suggestions and feedback about various curricular and co-curricular modifications required in the department. The department appreciates their proposals and utilizes suggestions by incorporating and executing them in future plans of the department.



43. List the distinguished alumni of the department (maximum 10):
1. Dr B.R. Kukreti, Professor, Faculty of Education, MJP Rohilkhand University, Bareilly (U.P.)
 2. Dr. Pradeep Kumar Mishra, Professor, Head and Dean, Chaudhary Charan Singh University, Meerut (U.P.)
 3. Dr. D. Venkateswarlu, Professor, School of Education, IGNOU, Delhi
 4. Dr. Manoj Kumar Saxena, Dean, Himachal Pradesh University, Himachal.
 5. Dr. Kaushal Kishore, Head, Central University of Bihar, Gaya.
 6. Dr Alok Upadhyay, Reader, All India institute of Speech and Hearing, Mysore
 7. Dr. Kaushal Sharma, Associate Professor in Special Education, **Dr. Shakuntala Misra National Rehabilitation University**, Lucknow
 8. Dr. Arvind Sharma, Associate Professor in Special Education, **Dr. Shakuntala Misra National Rehabilitation University**, Lucknow
 9. Dr. Yogendra Bechain , Member, U.P. Secondary Education Selection Board, Allahabad
 10. Dr. Alka Rani, Associate Professor in Education, Banaras Hindu University, Varanasi
44. Give details of student enrichment programmes (special lectures/workshops/Seminar) involving external experts.
- Along with organizing Seminars/conferences/workshops involving eminent experts of the field (as informed under Serial Number 30 of this Performa), the department also organizes special lectures by eminent educationists from time to time. A number of external experts are associated with department's student enrichment programmes. Some eminent personalities from the field of Education which visited the department for special lectures during the assessment period include the following:
1. Professor J.K.Joshi, Member ,National Council for Teacher Education, Jaipur
 2. Professor Amitav Mishra, Professor, IGNOU, New Delhi
 3. Professor Pradeep Kumar Misra, C.C.S. University, Meerut
45. List the teaching methods adopted by the faculty for different programmes.
- While lecturing or undertaking practical classes, teacher takes care of individual differences. However, the students are encouraged to meet the teacher and discuss through scheduled remedial classes or informal meetings. Adopted teaching methods by faculty are Lecture Method, Group discussion, seminars, case study and extension activities like community awareness programmes, cultural programmes, and various competitions.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- The programme objectives are met by effective planning and organization of curricular and co-curricular activities with the help of annual and semester wise planner. The learning outcomes are monitored through formative and summative evaluation such as periodical sessional tests, submission of assignments, quiz, counseling sessions, remedial activities, seminars, lab experiments.



47. Highlight the participation of students and faculty in extension activities.

The local community is significantly benefitted from the Department through its extension activities either directly to the community or through NGOs. The extension activities are provided in the following areas:

- Special Education/Rehabilitation Diagnostics Services
- Parent Counseling for Problem Behaviour and Learning Difficulties of their Children.
- Environmental Education/ Social Forestry/ Awareness on Prevention of Pollution
- Population & Family Life Education/ health issues especially in rural areas
- Awareness Program on Self-Employment & Job Training
- Awareness on Literacy & Life Long Learning

The above extension activities are provided through Students' Community Awareness Program, services through Department's Rehabilitation Counseling Service Center and partnership with various NGOs such as Jeevandhara, and Special Olympics etc. Large number of community members are benefitted through the extension activities of the Department. Community participation results in the development of university-community networking, university-school networking which provides realistic community experiences to the faculty members and students. This becomes easier to connect the curricular content with the grass root level experience.

48. Give details of "beyond syllabus scholarly activities" of the department. Students and faculty get involved on a regular basis in activities such as Quizes, essay writing, extempore and drama etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

This Department is one of the premier teacher education institution in India. Having been accredited as **A+ by NAAC in 2005**, this Department has also obtained thrice the distinct status of **DRS by the UGC**. Under DRS programme, the Department has organized research based activities in the thrust areas of Educational Technology, Vocational Education and Special Education. The Department was also given the status of **IASE** in 1995 under Centrally Sponsored Scheme of Restructuring and Re-Organization of teacher education, 1987.

Motto of the department is 'कर्मणैव हि संसिद्धिः'. The mission and goals of Department are adequately reflected in the conduct of academic programmes, research work, co-curricular activities and community service. After completing the course, most of the students go for employment or further studies. A good number of students qualify in UGC-NET examination every year. Department has a well-qualified faculty with good published work and strong research orientation. All the faculty members are approved supervisors of doctoral research and are supervising dissertations. Most of them have undertaken



research projects funded by International and national agencies. Faculty members have also received recognition of being in panels of national level agencies, and in the Editorial Boards & Review Committees of various reputed international/refereed journals. Faculty of the department is regularly participating as well acting as resource persons for seminars/conferences/workshops organized at different levels within as well as outside India. Teachers of the department are also producing print/non print teaching learning materials and undertaking various extension activities for community development in the form of social work, inclusive education, guidance services and environmental education.

The Department has well maintained infrastructural facilities of classrooms, teacher rooms, offices, meeting hall, conference hall, media centre, library, guest house etc. with adequate furniture and fixtures. Some of the facilities are also extended to outside agencies. There are more than 15,000 text books and 4,000 reference books in the departmental library and a few journals/magazines are also being subscribed. Seating capacity of reading hall in the library is 60. Computer Centre of the department, having adequate number of computers for use of students and faculty, is well equipped. The department has a smart class and also has a number of laboratories like Home Science Lab., Psychology Lab., Science & Technology (electronics) Lab., Photography Lab., Business and Marketing Lab., and Language Lab. Besides these, the department owns and runs a Media Centre (Instructional Resource Material Development Centre) and Disability Diagnosis and Counseling Center. The Department has achieved the status of “**Center of Excellence**” by Government of Uttar Pradesh and is collaborating with several national and international agencies. A specialized centre namely “**Centre for Disability Studies**” has been established within the Department.

This department holds the distinction of having had innovative and unique teacher education courses like B.Ed. (Specializations in Vocational Education/ Educational Computing/ Special Education) and Applied M.Ed. The B. Ed. (Specialization) courses have been in offer since 1995 and Applied M.Ed. since 1996. While all these courses have been recognized by NCTE, B.Ed. (Special Education) course has also been recognized by RCI. After the new regulations of NCTE (Dec. 2014) being in force, these courses have now been converted to simply B.Ed. and M.Ed., both of two year duration. And not to forget, this Department is one among those who took lead in developing curriculum for 2-year B.Ed. programme, along the new NCTE guidelines.

In a nutshell, the Department is continuously striving towards the highest degree of quality teacher training and research in the country. Further, the department is committed to emerge as a promising leader in preparing professionals who provide leadership and exemplary educational services to improve the lives of individuals in a fast-changing and complex global society.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- i. Well qualified faculty
- ii. Sound Infrastructure



- iii. Our Alumni
- iv. Research Orientation
- v. Community Linkage

Weaknesses:

- i. Shortage of Staff
- ii. Lack of financial autonomy

Opportunities:

- i. Tie up with other universities
- ii. Collaboration with foreign Universities/Institutes
- iii. Exchange Programme (Indian and Foreign)

Challenges:

- i. Linkage with Industry and Institution
- ii. MoU with universities across boundaries
- iii. To meet needs and demands of diversified students
- iv. To start new & innovative programmes

52. Future plans of the department

- i. To Develop Advanced Research Centre
- ii. Upgrade Status of the Department
- iii. To Strengthen Infrastructure Facilities
- iv. To enrich departmental library with national info-net and with subscription of reputed national and international journals in our field
- v. To strengthen our Rehabilitation & Special Education related research & Counseling services.



Publications of Faculty Members of the Department

a) Research Papers Published

Dr. N. N. PANDEY (N = 7)

1. Education vouchers: Mantra of quality education for all in Quality: Major concerns in education, R.Lal Book Depot, Meerut, 2010.
2. Effective use of PowerPoint in lectures, Educational Herald, 40(1), 2011, pp. 5-12.
3. A study of biology achievement in cooperative setting, Teacher Education, 46(1-2), 2012, pp. 107-12.
4. Alluring use of PowerPoint in lectures: More technology less learning, Teacher Education, 47(1) 2013, pp. 38-46.
5. The effect of PowerPoint presentations on academic achievement of B.Ed. teacher trainees, Shaikshik Parisamvad, 4(2), 2014, pp. 76-85.
6. The effect of PowerPoint presentation on retention of B.Ed. teacher trainees, New Frontiers in Education, 47(3), 2014, 88-97.
7. The effect of powerpoint presentation on achievement motivation of B.Ed teacher trainees, Bhartiya Educational Research Journal, 34 (1), 51-56

Dr. N. P. SINGH (N= 6)

1. Magnitidue of teachers' engagement in verbal & non-verbal instructional task at upper primary level. *Journal of Teacher Education & Research*, 01, 6(1), 2011.
2. A study of communication technologies with reference to its prevailing status.... & Girls Colleges; *Journal of Teacher Education & Research*, 92, 6(1),2011.
3. A Study of environmental awareness among students of *saraswati shishu mandir* (Hindi). *Bhartiya Shiksha Shodh PATrika*, 19, 30(2), 2011.
4. A study of use of communication technologies by high & low exp teachers of professional courses Degree College, 243, 2(2), 2011.
5. A comparative study of learning satisfaction of students of secondary schools of non-govt. financed set-up and that of run by Vidya Bharti (Hindi), *Bhartiya Shiksha Shodh Patrika*, 30, 31(2), 2012.
6. Use of communication Technologies by high experience & low experience teachers of traditional courses. *Lokmany Shikshak*, 05, 39, 2012.

Dr. RADHA DUA (N= 10)

1. Dua, R. & Sagar, P.-Rethinking into Teacher Education: Need of the Hour.,*Shikshak-Shiksha Shodh Patrika*, 4(2), 107-113, 2010.
2. Dua, R. & Rani, D.-Impact of Televiewing on Values: A Study on Adolescents, *Modern Educational Research in India*, 9(2), 21 – 27, 2010.
3. Dua, R. -India as a Destination for Higher Education for Foreign Students: A Challenge, *New Frontiers in Educational International Journal of Education and Research*, 43(3), 287-293, 2010.
4. Dua, R. -Mental Health of Prospective Teachers: A TQME Approach, *Mangalmay Journal of Education and Pedagogy*, 1, 12-17, Sept 2010.



5. Dua, R. & Misra, N.-Gender and Economic status matter in Mental Health of Adolescent, *Journal of Educational Psychology*, 4(3), 45-49, 2011.
6. Dua, R. & Misra, N.-Influence of Home Environment on Mental Health: A study of Secondary level students, *Bhartiya Shiksha Shodh Patrika*, 31(1), -37-41, 2012.
7. Dua, R. & Misra, N.-Impact of School Environment on Mental Health of Secondary –level Students, *Omni Science: A Multi-disciplinary Journal*, 9-14, OSMJ 2013.
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7. Singh, P.P. (2012): Madhyamik Vidyalayon mein Adhyayanrat Anushuchit Jati Avum Gair Anushuchit jati Ke Vidhyarthyon ke Samayojan Ka Tulnatmak Adhyayan, *Educational Trends*, ISSN-0976-870X, Vol.-02, No.-02, February, PP 36-40.
8. Husain, M.I. & Singh, P.P. (2012): The Need and Development of Open Learning in Higher Education, *Mulya Avmulyan*, ISSN-2231-5772, *Vasha*-02, Ank-05, April, PP 35.
9. Singh, P.P. (2012): Madhyamik Vidhyalayon mein Adhyayanrat Anushuchit Avum Gair Anushuchit jati ke Vidhyarthyon ke Bhagnasha Ka Tulnatmak Adhyayan, *Teacher Education*, ISSN-0379-3400, Vol. -46, NO. -2, April, & October, PP. 143-147.
10. Singh, P.P. & I.L. (2012): Uchch Shiksha mein Gunvatta Hetu Samoooh Karya Shaili ek Prabhavi Vikalp, *Shodh Gyanantika*, ISSN-2277-582X, Varsh-01, Ank-01, October, PP 12-15

b) Monographs: (N= 1)

1. Misra, P. K. (2014). The State of Teacher Education in France: A Critique. FMSH-WP-2014-58, January 2014. Available at: <http://halshs.archives-ouvertes.fr/FMSH-WP/halshs-00937314>

c) Chapters in Books: (N=17)

Dr. B. R. KUKRETI

1. Kukreti B R, Sundriyal S. (2010) -Television as a Pervasive Tool in Promoting Environmental Awareness among Masses, In Bani Day and Gihar Sandhya (2010) (eds.). Environmental Protection and Sustainable Development, Wisdom Publications:Delhi, pp 211-27
2. S. Sundriyal and Kukreti, B R, (2011) -On Preparing Curriculum for Effective Teachers, in Singh, R P (2011) (ed.). Teacher Education Today Researches Speak (ISBN No. 978-81-7541-532-4), Shipra Publications :Delhi, pp. 51-63
3. Kukreti, B.R. & Sundriyal, S. (2015). Environmental Literacy: Concept, Need and Alternative Strategies, published in Gihar, S. & Saxena, M.K. (eds.). Environmental Protection and Sustainable Development, Anamika Publishers & Distributors, New Delhi, pp. 15-28 (ISBN: 978-81-7975-654-6)

Dr. NALINI SRIVASTAVA

1. Professional Education in Concern for Quality Vocational Education in Higher Education. APH Publishing Corporation, New Delhi, 2010.
2. Block-1, Understanding Guidance for P.G. Diploma in Guidance and Counseling. G.C.-II, Essential of Guidance and Counseling submitted for publication by Jamia Milia Islamia, New Delhi. (2010).

Dr. K. K. CHAUDHARY

1. Developed self learning material for MP Bhoj Open University , डी.एड. :1 भारतीय समाज, दर्शन एवं शिक्षा खण्ड:3 भारतीय परिदृश्य में प्रारंभिक शिक्षा



Dr. P. K. MISRA

1. Misra, P.K. (2012). Open educational resources: Lifelong learning for engaged ageing. In A. Okada, T. Connolly, & P. Scott (Eds.), *Collaborative learning 2.0: Open educational resources* (pp.287-307).USA: IGI Global.
2. Misra, P.K. (2012). Technology Supported Assessment in Distance Education: Promises, Pitfalls and Prospects InU. Demiray, G. Kurubacak & T. V. Yuzer (Eds.), *Meta-Communication for Reflective Online Conversations: Models for Distance Education* (pp.233-248). USA: IGI Global (ISBN 978-1-61350-071-2)
3. Misra, P.K. (2010). Student assessment in technology enhanced learning and evaluation of technology. In IGNOU *Course book Educational Communication Technologies (MDE-418) Block 1 Communication technology: Basics* (pp.109-124). New Delhi: IGNOU. (ISBN 8126648757)

Dr. PRATIBHA SAGAR

1. Johri, D. & Sagar, P. (2013). ICT integration and quality concerns in higher education. *Uchcha Shiksha Ka Paridrashya*. Bharti Publishers and distributors, Faizabad.
2. Developed self learning material for MP Bhoj Open University , D.Ed. – 02, Baal Manovigyaan evam shiksha manovigyan

Dr. JYOTI PANDEY

1. Pandey, J. (2010)-Educating for human rights, in Singh, S.P ET. al, (eds.) *Human Rights*, Human Rights Education, pp 67-76, APH Publications, New Delhi, 2010
2. Kumar, G. & Pandey, J. (2015)-How Engineering and Pharmacy Professionals differ on Emotional intelligence. In Singh, R. and Chakarbarti, R.T.(eds),*Emotional Intelligence: Towards Better Performance*,pp 114-117,APH Publications,New Delhi,2015
3. Kumar, G. & Pandey, J.(2010)-Let us Be Creative Teachers, in Shevatekar, S. V. et al eds. *Teacher Empowerment and Educational Excellence: Vision 2020*, pp 9-15,Atharva Publications, Jalgaon, Maharashtra, 2012.
4. Pandey, J. (2014).Qualitative Teacher Education: Issues and Challenges .In Kumar, A. and Pandey, J. (Ed.), *Recent Researches in Education*, pp142-150, .New Delhi, KSK Publishers.
5. Pandey, J. (2015) -Human Rights Education and Ethical Development .In Vatsala. (Ed.) *Breaking the Silence,-“Human Rights Education: Issues and Challenges*, pp 43-49, New Delhi, Bharti Publications.
6. Pandey, J. (2015)-Quality Management and Teaching Learning Practices, Paper accepted for publication in Edited book entitled,*Systemic Concerns of Teacher Education in 21stCentury”* Editor, Professor Madhu Gupta,Department of Education,M.D.University, Rohtak (Haryana), (Communicated and Accepted)
7. Pandey, J. (2015)-Vartmaan Bhartiya Paripekshye Mei Shakt Bhartiya Naari, paper accepted for publication in edited book entitled, “*Mumkin hai? Mahila Hinsa ka Ant: Kal, Aaj aur Kal*”, Editor, Vatsala P., Utrakhand. (Communicated and Accepted)



8. Fostering Human Values through Teacher Education (2015) - paper communicated and accepted for publication, Maharashtra.
9. Creative Behaviour of Teacher: Assets for Classroom(2015)- paper communicated and accepted for Publication , Teacher Education, IATE,

d) Edited Book with ISBN: (N= 1)

1. Pandey, J. (2014). *Recent Researches in Education*, (pp. 1-204), KSK Publishers, New Delhi, ISBN 978-81-89983-93-2.

e) Books with ISBN with details of Publishers: (N= 6)

Dr. SANTOSH ARORA

1. Organization and Job Satisfaction among Working Women, Himalaya Publishing House, Mumbai. (In Press),(ICSSR has provided publication grant)

Dr. P. K. MISRA

1. Misra, P.K. (2010). *Educational Television in Germany: Perspectives, Policies, and Practices* (pp. 01-126). Saarbrücken, Germany: VDM Verlag Dr. Müller Aktiengesellschaft & Co. KG. (ISBN-10 3639265505)

Dr. SUDHIR KUMAR VERMA

1. *Communication Technology in Higher Education* Published by NeelKamal Prakashan New Delhi Year 2011 (ISSBN :81-88962-38-4)

Dr. YASH PAL SINGH

1. Science & Co-operative Learning. Solapur, Maharashtra: Laxmi Book Publication. 2015 (ISBN: 978-1-329-01037-6)

Dr. PRATIBHA SAGAR

1. PowerPoint Presentations in Higher Education. RET International Academic Publishing, Gujarat. ISBN: 978-93-8414839—3. 2014

Dr. JYOTI PANDEY

1. Pandey, J. (2015). *Teacher Education* (pp.1-165). KSK Publishers, New Delhi, India, (ISBN 978-81-89983-94-9)



Faculty Contribution in Other Capacities

Dr. B. R. KUKRETI

Session Chaired In the Seminars

1. In “44th IATE National Conference on Excellence in Teacher Education : Trends, Challenges & Prospects”, National Seminar on Deptt.of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24, 2010
2. National Seminar on Promoting E-governance Culture in Institutions of Higher Education, Organized by Deptt. of Education, MJP Rohilkhand University, Bareilly March 20-21, 2013
3. National Seminar on ICT In Teacher Education, organized by Springdel College Of Management Studies, Pilibhit, June 17, 2012
4. National Seminar on ICT in Teacher Education”, Organised by Deptt. of Education, MJP Rohilkhand University, Bareilly, April 08-09, 2010 (Technical session chaired).
5. “National Seminar on Right to Education: Prospects & Challenges”, Faculty of Education & Allied Sciences, MJP Rohilkhand University, Bareilly, Mar.20-21, 2010).

Workshop Seminar Attended as Resource Person

1. “Workshop on Preparation of Teaching Learning Material”, Deptt. Of Teacher Education, Bankey Bihari Kanya Mahavidyalay Ujhani, Jan.19-20, 2013(Resource person).
2. “Workshop cum Symposium on Research Priorities in Special Education”, Deptt.of Education, MJP Rohilkhand University, Bareilly, March 29-30, 2011 (Resource person).
3. “Workshop on Lesson Planning”, Deptt.of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011 (Resource person).
4. “Workshop on Computer Applications in Classroom Teaching (Level-I)”, Maharaja Agrasen Mahavidyalaya, Bareilly, Feb. 08, 2011 (Resource person).
5. “National Seminar on Right to Education: Prospects & Challenges”, Faculty of Education & Allied Sciences, MJP Rohilkhand University, Bareilly, Mar.20-21, 2010 (Technical session chaired).

Member of Academic bodies / Organizations

1. Member of BOS , MJP, Rohilkhand University Bareilly
2. Member of BOS, Uttranchal Technical University, Dehradun.
3. Member of BOS, Uttranchal Open University, Haldwani
4. Internal Expert, RDC (Education), MJPRU, Bareilly
5. Member of Faculty Board, Kumaun University Nainital.
6. Member of Advisory Committee DRS, Education Deptt., MJPRohilkhand University Bareilly
7. Member of SITU Council of Educational Research (*Long Term Member*)
8. Member of Indian Society of Educational Research, Lucknow (*Life Member*)



9. Member of Indian Association of Teacher Educators. (*Life Member*)
10. Member of BOS (Education), HNB Garhwal University, Srinagar, Garhwal

Dr. RADHA DUA

1. Acted as resource person/chair person/co-chair person in various seminars & conferences.
2. Member, Board of Studies of MJP Rohilkhand University, Bareilly
3. Member, Academic Council of MJP Rohilkhand University, Bareilly
4. Member, Executive Council of MJP Rohilkhand University, Bareilly
5. Member, Departmental Committees of MJP Rohilkhand University, Bareilly
6. Member, Examination Committee of MJP Rohilkhand University, Bareilly

Dr. SANTOSH ARORA

1. Resource person in Workshop on Lesson Planning ,11-12 March,2011 Organised by M.J.P. Rohilkhand University, Bareilly
2. Resource person in Stress Management Workshop, 9 May, 2010, Inner Wheel Rotary Club, Bareilly, U.P.
3. Resource Person in Workshop on Excellence in Vocational Education: On –the job Training and Apprenticeship Training 08-09 March 2011. Organised by M.J.P. Rohilkhand University, Bareilly, U.P.

Dr. NALINI SRIVASTAVA

1. Delivered a resource lecture on “Vocational Education” as Guest Speaker in the Meeting of Co-coordinators (Vocational) of National Institute of Open Schooling organised by NIOS on 22nd February, 2011 at Allahabad.
2. Resource lecture on the topic “Excellence in Vocational Education in workshop on Excellence in Vocational Education: On the Job Training and Apprenticeship Training organised by Department of Education, MJP Rohilkhand University, Bareilly during March 08-09, 2011.

Dr. RASHMI AGARWAL

1. Expert member in interview board of state level public service commission
2. Subject expert in selection committees of University
3. Delivered Guest / Resource Lectures-
 - a. “Becoming a Humane Teacher” in Faculty Development Programme for Teacher Educators on Psychological Approaches towards Effective Teaching Learning Process, B.Ed. Deptt. Bareilly College , Bareilly, Feb. 22, 2014.
 - b. “Preparation & Use of Power Point Presentations” in Workshop on Preparation of Teaching Learning Material, Deptt. Of Teacher Education, Bankey Bihari Kanya Mahavidyalay Ujhani, Jan.19, 2013.
 - c. “Micro-Teaching & Teaching Skills” in Workshop on Inculcation of Teaching Skills in B.Ed. Trainees through Micro-Teaching, Maharaja Agrasen Mahavidyalaya, Bareilly, Jan 31, 2012.



- d. “Achievement Testing: Types & Characteristics of Test Items” in Workshop on Achievement Test Construction, Deptt. Of Education, Khandelwal College of Management, Science & Technology, Bareilly, April 28, 2011.
- e. Learning through Conditioning” Deptt. Of Education, Springdale Mahila Mahavidyalaya, Bareilly, March 04, 2011.
- f. “Behaviour Modification” in Training Programme of Primary and Upper Primary Teachers for Inclusive Education at Deptt.of Education, MJP Rohilkhand University, Bareilly, March 01, 2011.
- g. “Development of Power Point Presentations” in Workshop on Computer Applications in Classroom Teaching (Level-I), Maharaja Agrasen Mahavidyalaya, Bareilly, Feb. 08, 2011

Dr. ANJU AGARWAL

Memberships

1. Life - fellow of Indian Academy of Social Sciences, Allahabad
2. Life - member of Indian Science Congress Association, Calcutta
3. Life - member of Indian Association of Teacher Educators
4. Life-member of All India Association of Teacher Educators

Miscellaneous

1. VT member for NCTE on many occasions
2. Did Evaluation of UG, PG (both theory & practice) and Ph. D. thesis in Education
3. Associated with administrative works of the University in various capacities.
4. Was associated with State-level entrance-exam for B. Ed. in many capacities, with various university level entrance exams as well.
5. Active involvement in youth fests and other co-curricular activities.
6. Member of various inspection and selection committees of different universities.

Participation as Resource Person/ Key-Speaker/Session-Chair

1. National Workshop on “Use of Technology in Teaching-Learning Process”. Dev Group of Institutions, Agra, Jan. 24-25, 2010.
2. National Seminar on “Teachers of the 21st Century: Challenges and Opportunities”. Anand College of Education, Keetham, Agra. Feb. 02-03, 2010
3. Seminar on “Uchcha Shiksha mein Gunvatta Ashwasan”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). Feb. 11, 2010
4. Lecture on “Orientation to Student Teachers”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). December 02, 2010
5. National Workshop on “Lesson Planning”. Deptt. of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011.
6. Workshop on “*Suchna evam Sampreshana Takniki*”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). April 02-03, 2011
7. Delivered resource lecture in Workshop on “Role of Personality in Enhancing Teachers’ Aura”. DRM College, Dholpur, Rajasthan, April 24, 2011.

8. Lecture on “Orientation to Student Teachers”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). December 24, 2011
9. National Seminar on “Value Education and the Role of Teachers, Institutions & Society”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). Feb. 11-12, 2012
10. Chaired a technical session in Swami Shukdevanand 5th International Seminar on “Employment Generation in Developing Countries: Challenges & Opportunities”. SS PG College, Shahjahanpur (U. P.). Feb. 23-24, 2013
11. National Seminar on “School Climate and Quality”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). March 06-07, 2013
12. National Seminar on “Promoting E-governance Culture in Institutions of Higher Education”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 20-21, 2013
13. National Seminar on “Education and Rehabilitation of Children with Special Needs”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013
14. National Seminar on “Self Financed Scheme in Development of Higher Education – Policy, Implementation and Impact”. Deptt. of Teacher Education, Ranvir Rananjay P. G. College, Amethi. March 29-31, 2013
15. Workshop on “e-Commerce & e-Learning”. S. S. College, Shahjahanpur (UP). July 07, 2013
16. 10th International & 14th National Conference of All India Association of Teacher Educators on “Teaching as a Profession”. Department of Education, Baikunthi Devi Kanya Mahavidyalaya, Agra. Dec. 15-16, 2013
17. Resource Lecture in RCI’s CRE Programme on “Parents as Equal Partners in the Intervention Process”. Chetna Institute, Aligarh, Lucknow. March 03-05, 2014
18. *Antarrashtriya Shodh Sangosthi Evam Gurustavan Parv. Vishwa Hindi Manch, Bharat&Upadhi Mahavidyalaya*, Pilibhit (U. P.). July 06-07, 2014
19. International Conference on “Development, Biodiversity and Climate Change: Issues and Challenges”. Chamba Climate Meet 2014. Govt. PG College, Chamba (H. P.). Oct. 3-5, 2014

Dr. P. K. MISRA

Blogs/Popular Communications

1. Misra, P.K. (2014). ‘Public Opinion on Censorship of Internet in India: A view from UP’, published by Center for Global Communication Studies, University of Pennsylvania, USA. <http://www.global.asc.upenn.edu/public-opinion-on-censorship-of-internet-in-india-a-view-from-up/>
2. Misra, P.K. (2014). Promoting Open Educational Resources (OER) in popular Indian languages: needs and benefits. Published by LangOER project. <http://blogs.eun.org/langoer/2014/11/04/promoting-open-educational-resources-oer-in-popular-indian-languages-needs-and-benefits-dr-pradeep-kumar-misra/>



3. Misra, P.K. (2014). Teaching Computer Science in Schools in India. Published in French by Le monde Newspaper of France. <http://binaire.blog.lemonde.fr/2014/10/25/francoise-en-inde/>
4. Misra, P.K. (2014). Is the Internet becoming a New 'Political Mantra' in India. Published by Center for Global Communication Studies, University of Pennsylvania, USA. <http://www.global.asc.upenn.edu/is-the-internet-becoming-a-new-political-mantra-in-india/>

Dr. YASH PAL SINGH

1. Was selected President, Rohilkhand University Campus Teachers' Association (RUCTA) for 4 terms, Vice-President for one term
2. Was awarded "Ambedkar Ratna Award" by Ripublican Party of India (A) at Lucknow on April 19, 2011.
3. Member of "Zila Shiksha Pariyojna Samiti" of "Sarva Shiksha Abhiyan". Educationist nominated by District Magistrate. Bareilly District, Uttar Pradesh
4. Member of NEED BLOOD- CALL JAYCEE, as volunteer blood donor
5. VT member for NCTE on many occasions
6. Did Evaluation of UG, PG (both theory & practice) and Ph. D. thesis in Education
7. Associated with administrative works of the University in various capacities.
8. Was associated with State-level entrance-exam for B. Ed. in many capacities, with various university level entrance exams as well.
9. Was Zonal Secretary for north zone of IATE during 2005-2007, member of its national executive during 2011-13, and was again Zonal Secretary for north zone during 2013-15.
10. Keen involvement in sports at University level.
11. Active involvement in youth fests and other co-curricular activities.
12. Member of various inspection and selection committees of different universities.

Memberships

1. Life - member of Indian Association of Educational Planning and Administration, New Delhi
2. Life - member of Indian Association of Teacher Educators
3. Life - fellow of Indian Academy of Social Sciences, Allahabad
4. Life - member of Indian Science Congress Association, Calcutta
5. Life-member of Gandhi Information Centre, Berlin, Germany
6. Life - member of AllIndia Association of Teacher Educators

Editor of

1. "Abstracts of Researches in Education", Vol.II Published by I.A.S.E., M.J.P. Rohilkhand University, Bareilly
2. Journal of Education & Allied Sciences, I.A.S.E., M.J.P. Rohilkhand University, Bareilly
3. Mangalmay Journal of Education and Pedagogy, Noida. ISSN 2229-3914



4. International Journal of Social Sciences and Entrepreneurship – IJSSE, ISSN 2307-6305
5. International Academic Journal of Social Sciences and Education

Participation as Resource Person/ Key-Speaker/Session-Chair

1. National Workshop on “Use of Technology in Teaching-Learning Process”. Dev Group of Institutions, Agra, Jan. 24-25, 2010.
2. National Seminar on “Teachers of the 21st Century: Challenges and Opportunities”. Anand College of Education, Keetham, Agra. Feb. 02-03, 2010
3. Lecture on “Orientation to Student Teachers”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). September 28, 2010
4. “*Vishesh Hindi Goshthi*” on “*Sant Kavi Ravidas Ji Ka Jivan Evam Kratitva*”. Rajbhasha Vibhag, North-Eastern Railway (NER), Izzatnagar, Bareilly. Feb. 18, 2011
5. Seminar on “*Shikshak Prashikshan: Chunoutiyan Evam Aayam*”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). Feb. 19, 2011
6. National Workshop on “Lesson Planning”. Deptt. of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011
7. Workshop on “Role of Personality in Enhancing Teachers’ Aura”. DRM College, Dholpur, Rajasthan, April 24, 2011.
8. Lecture on “Orientation to Student Teachers”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). September 22, 2011
9. National Seminar on “Value Education and the Role of Teachers, Institutions & Society”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). Feb. 11-12, 2012
10. National Seminar on “Environment Protection”. Gindo Devi Mahila Mahavidyalaya, Badaun (U. P.). Feb. 17-18, 2012
11. Chief Guest in the inaugural session of workshop on “Development of Teaching Skills with Special Emphasis on the Use of Audio-visual Aids”. *Maharaja Agrasen Mahavidyalaya*, Bareilly. Nov. 08-09, 2012
12. Chaired a technical session in Swami Shukdevanand 5th International Seminar on “Employment Generation in Developing Countries: Challenges & Opportunities”. SS PG College, Shahjahanpur (U. P.). Feb. 23-24, 2013
13. National Seminar on “School Climate and Quality”. Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). March 06-07, 2013
14. “Promoting E-governance Culture in Institutions of Higher Education”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 20-21, 2013
15. National Seminar on “Education and Rehabilitation of Children with Special Needs”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013
16. National Seminar on “Self Financed Scheme in Development of Higher Education – Policy, Implementation and Impact”. Deptt. of Teacher Education, Ranvir Rananjay P. G. College, Amethi. March 29-31, 2013



17. Workshop on “e-Commerce & e-Learning”. S. S. College, Shahjahanpur (U. P.). July 07, 2013
18. Chaired the Technical Session on “Research Issues on Quality Enhancement of Teacher Education” in 47th Annual International Conference of Indian Association of Teacher Educators (IATE), Khalsa College of Education, Amritsar, Punjab. Nov. 22-24, 2013
19. 10th International & 14th National Conference of All India Association of Teacher Educators on “Teaching as a Profession”. Department of Education, Baikunthi Devi Kanya Mahavidyalaya, Agra. Dec. 15-16, 2013
20. Resource Lecture in RCI’s CRE Programme on “Parents as Equal Partners in the Intervention Process”. Chetna Institute, Aligarh, Lucknow. March 03-05, 2014
21. *Antarrashtriya Shodh Sangosthi Evam Gurustavan Parv. Vishwa Hindi Manch, Bharat & Upadhi Mahavidyalaya*, Pilibhit (U. P.). July 06-07, 2014
22. International Conference on “Development, Biodiversity and Climate Change: Issues and Challenges”. Chamba Climate Meet 2014. Govt. PG College, Chamba (H. P.). Oct. 3-5, 2014
23. International Seminar on “Single Subject Research in Special Education”. Amity Institute of Rehabilitation Sciences, Amity University, Noida. Oct. 31, 2014
24. 3rd Global Summit on Education (GSE 2015). Worldconferences.net, Hotel Melia, Kuala Lumpur, Malaysia. March 09-10, 2015

Dr. SUDHIR KUMAR VERMA

1. Member Editorial Board Journal of Teacher Education- Shikshak Shiksha Shod Paritrika, Vol. 04, No. 1, 2011 (ISSN 0974-0562).
2. Assistant Coordinator, University Central Evaluation, M.J.P. Rohilkhand University, Bareilly, 2010.
3. Observer, B.Ed. Entrance at State Level (U.P.), 2011.
4. Observer, B.Ed. Entrance at State Level (U.P.), 2010.
5. Member University Board of Studies B.Ed. Specialization.
6. Member, Selection Committee Constituted for Selection/Promotion of University Employees.
7. Member Selection Committee Constituted for Selection of Teacher Pt. Deena Nath Mishra College, affiliated to M.J.P. Rohilkhand University, Bareilly.
8. Member Organizing Committee of Five National Seminar/Conference/ Workshop organized by Deptt. of Education M.J.P. Rohilkhand University, Bareilly during 2010-2015.
9. Member Executive Council M.J.P. Rohilkhand University Bareilly 2014

Invited Lecturers and Chairmanship at National/International Seminar etc.

1. Co-Chairperson (A Technical Session) in International Conference organized by Babe Ke College of Education Firozpur, Punjab, 2010.
2. Resource person (Invited Lecturers) in workshop on Lesson Planning organized by Department of Education, M.J.P. Rohilkhand University, Bareilly during March 11-12, 2011.

3. Resource person (Invited Lecturers) in workshop on Excellence in Vocational Education : on the Job Training and Apprenticeship Training organized by department of Education, M.J.P. Rohilkhand University, Bareilly during 08-09, 2011.
4. Resources Person (Invited Lectures) in Sarva Shiksha Abhiyan, U.P. Govt. Programme on training of Primary and Upper Primary Teachers for inclusive education, during 06.03.2011 to 20.03.2011 at M.J.P. Rohilkhand University, Bareilly.
5. Resource Person (Invited Lectures) in Sarva Shiksha Abhiyan, U.P. Govt. Programme on training of Primary and Upper Primary Teachers for inclusive education, during 21.02.2011 to 07.03.2011 at M.J.P. Rohilkhand University, Bareilly.

Dr. JYOTI PANDEY

1. Deputy Coordinator, UGC Remedial Coaching , MJP Rohilkhand University Centre, Bareilly,2014
2. Resource Person in Remedial Coaching for UGC NET Examination in Education
3. Assistant Co-coordinator , University Central Evaluation centers ,2012 & 2013
4. Member, Expert Panel, Army School, Bareilly,2012
5. Member, Expert Panel and Programme presenter, All India Radio, Bareilly 2013,2014
6. Member ,University Placement Cell,2013
7. Member, University Flying Squad since 2012

Resource Person in National Seminar/ Workshop

- a. Chief Speaker in UGC sponsored National Seminar on Teacher Empowerment and Educational Excellence: Vision 2020, organized by College of Education, Dhule, Maharashtra, July 2012.
- b. Delivered the lecture as Resource Person on theme- Let Us Re-think about Qualitative Teacher Education and Chaired one Session, National Seminar on Teacher Education in Indian Scenario, 06 April, 2014, BIMT College, Meerut (U.P.)
- c. Resource Person in workshop on Lesson Planning ,conducted for Commerce and Economics methods of Teaching, Department of Education, MJP Rohilkhand University, Bareilly

Session Chaired ,Co-Chaired and lecture delivered- (N=3)

- a. Delivered the Lecture , IGNOU M.Ed Workshop on Regional Centre, Bareilly, 2011, 2012,2013
- b. Session Chaired as Resource Person, IATE International Seminar on Alternatives in School System and Teacher Education , 08-09,March,2014, organized by Department of Education, University of Allahabad in collaboration with IATE and NIOS, Allahabad
- c. Chaired a Session in National seminar on Teacher Education in Indian Scenario, 06 April, 2014, BIMT College, Meerut (U.P.)



Dr. PRATIBHA SAGAR

1. Member of Editorial Board of Journal Teacher Education.
2. Member of Selection Committee of Pt. Deenanath Mishra Inter College, Bareilly.
3. Member of Selection Committee of Navoday Vidyalaya, Manasthali Vidyapeeth, Army School Bareilly.
4. Member of Selection Committee of MJP Rohilkhand University, Bareilly (Guest lecturers).
5. Nominated as Nodal Officer, Equity Cell, RUSA (2013).
6. Appointed and worked as Co-ordinator, Research Methodology course for Ph.D. Students, Indian Council of Social Science Research, New Delhi (2013).
7. Appointed and worked as Assistant co-ordinator in central evaluation of MJP Rohilkhand University, Bareilly.
8. Appointed as Observer for various examinations, MJP Rohilkhand University, Bareilly.
9. Academic Counsellor, B.Ed. / M.Ed. course, IGNOU.
10. Developed Self Learning Material (SLM) of Child Psychology and Educational Psychology for D.Ed. Course, MP Bhoj Open University, Bhopal.
11. Developed Self Learning Material (SLM) of Educational Technology for D.Ed. Course, MP Bhoj Open University, Bhopal.

Delivered Guest / Resource Lectures in Sem / Conf / Workshop: 04

1. Workshop on Lesson Planning, Deptt. of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011 (Resource Person).
2. Workshop on Excellence in Vocational Education: On-the Job Training and Apprenticeship Training. Deptt. of Education, MJP Rohilkhand University, Bareilly, March 08-09, 2011 (Resource Person).
3. Workshop on Research Methodology and SPSS, School of Management studies and Commerce, Uttarakhand Open University in collaboration with Amrapali Institute, Haldwani, March 10-18, 2011 (Resource Person).
4. Workshop on Computer Applications in classroom teaching (Level-I), Maharaja Agrasen Mahavidyalaya, Bareilly, Feb. 08, 2011 (Resource Person)

Dr. P. P. SINGH

1. Member of Selection Committee in University Campus, Member of Admission Committee, Member of Examination Committee, Member of Academic Council.
2. Resources person in the Programme on Training of Primary and upper Primary Teacher for Inclusive Education on the topic Role of Key players held between 21 Feb-07 March & 06 March-20 March 2011. Organized by IGNOU Special Centre, M.J.P Rohilkhand University, Bareilly.
3. Resources person in Workshop on lesson Planning Organized by Department of Education, M.J.P Rohilkhand University, Bareilly.

Faculty Recharge Strategies

• SEMINARS / CONFERENCES/ WORKSHOPS/ FACULTY DEVELOPMENT PROGRAMME/ REFERSHER COURSES ATTENDED

Dr. N. P. SINGH

- Participated in many International and National seminars/conferences/symposiums/workshops in different capacities.

Dr. N. N. PANDEY

- Participated in many International and National seminars/conferences/symposiums/workshops in different capacities.

Dr. B. R. KUKRETI

International

- Using Mass Media for Spreading Environmental Literacy among Out of School Children In “Symbiosis International Conference on Open & Distance Learning”, Symbiosis Centre for Distance Learning, Pune, Feb. 21-23, 2011

National

1. Excellence in Teacher Education and ICT, In “44th IATE National Conference on Excellence in Teacher Education : Trends, Challenges & Prospects”, National Seminar on Deptt. of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24, 2010
2. E- Governance: An Indispensable Emerging Approach for Enhancing Access and in Higher Education in India, National Seminar on Promoting E-governance Culture in Institutions of Higher Education, Organized by Deptt. of Education, MJP Rohilkhand University, Bareilly March 20-21, 2013
3. ICT Competencies among Teacher Educators, National Seminar on ICT In Teacher Education, organized by Springdel College Of Management Studies, Pilibhit, June 17, 2012
4. Barriers of Technology Application In Teacher Education Programme, National Seminar on ICT in Teacher Education”, Organised by Deptt. of Education, MJP Rohilkhand University, Bareilly, April 08-09, 2010 (Technical session chaired).
5. Reinventing Teacher Education in ICT Age: Concept and Challenges, National Seminar on Reinventing Teacher Education: Concept and Challenges. Organised by Department of Teacher Education , Bareilly College Bareilly, 24-25, March;2012

Dr. RADHA DUA

- Participated in many International and National seminars/conferences/symposiums/workshops in different capacities.



Dr. NALINI SRIVASTAVA

International

- Presentation of paper in International Conference on Emerging Trends in Technical and Vocational Education and Training: Vision 2025 organised by PSS Central Institute of Vocational Education (NCERT) Bhopal from 18-20 February, 2015

National

1. Participated and presented a paper on “Special Initiative and Innovations for Vocational Teacher Education” in IATE National Conference on Excellence in Teacher Education: Trends, Challenges and Prospects held on 22-24 Decembers 2010 organised by Department of Education. MJP RU, Bareilly”.
2. Participated and presented a paper on “A study of Teaching Competencies of Primary School Teachers” in National Seminar on Technology enhanced Collaboration for Improving Quality of Education at Elementary level organized by IGNOU, New Delhi from Feb. 24-26, 2010.
3. Participated and presentation of a paper on “Quality of Primary Education with Commitment” in the National Seminar on Right to Education, Prospects and Challenges Organised by M.J.P.R.U., Bareilly from 20-21 April, 2010.
4. Participated in National Seminar on ICT in Teacher Education organized by Dept of Education, M.J.P.R.U., Bareilly from 8-9 April, 2010.
5. Participated in National Seminar on Management of Environmental Pollution for Sustainable Energy Production organized by Department of Plant Science, M.J.P.R.U., Bareilly from 10-11 April, 2010

Dr. RASHMI AGARWAL

International

- Making the teacher educators ICT competent as a measure of quality improvement. In “*Symbiosis International Conference on Open & Distance Learning*”, Symbiosis Centre for Distance Learning, Pune, Feb. 21-23, 2011

National

1. Agarwal, R. (2010). Emotional intelligence : needed thrust for excellence in teacher education. In “*44th IATE National Conference on Excellence in Teacher Education : Trends, Challenges & Prospects*”, Deptt.of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24.
2. Agarwal, R. (2010). Preparation of master trainers: an inevitable task for successful inclusion of ICT in teacher education. In “*National Seminar on ICT in Teacher Education*”, Deptt. of Education, MJP Rohilkhand University, Bareilly, Mar.20-21.

Seminar / Conference / Workshop attended

1. “Faculty Development Programme for Teacher Educators on Psychological Approaches towards Effective Teaching Learning Process”, B.Ed. Deptt. Bareilly College , Bareilly, Feb. 22, 2014 (Resource person).
2. “Workshop on Preparation of Teaching Learning Material”, Deptt. Of Teacher Education, Bankey Bihari Kanya Mahavidyalay Ujhani, Jan.19-20, 2013(Resource person).



3. “Workshop on Inculcation of Teaching Skills in B.Ed. Trainees through Micro-Teaching”, Maharaja Agrasen Mahavidyalaya, Bareilly, Jan 31-Feb.01, 2012 (Resource person).
4. “Workshop on Achievement Test Construction”, Deptt. Of Education, Khandelwal College of Management, Science & Technology, Bareilly, April 28, 2011 (Resource person).
5. “Workshop cum Symposium on Research Priorities in Special Education”, Deptt.of Education, MJP Rohilkhand University, Bareilly, March 29-30, 2011 (Resource person).
6. “Workshop on Lesson Planning”, Deptt.of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011 (Resource person).
7. “Workshop on Computer Applications in Classroom Teaching (Level-I)”, Maharaja Agrasen Mahavidyalaya, Bareilly, Feb. 08, 2011 (Resource person).
8. “44th IATE National Conference on Excellence in Teacher Education : Trends, Challenges & Prospects”, Deptt.of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24, 2010 (Technical session chaired).
9. “National Seminar on ICT in Teacher Education”, Deptt. of Education, MJP Rohilkhand University, Bareilly, April 08-09, 2010 (Technical session chaired).
10. “National Seminar on Right to Education: Prospects & Challenges”, Faculty of Education & Allied Sciences, MJP Rohilkhand University, Bareilly, Mar.20-21, 2010 (Technical session chaired).

Dr. K. K. CHAUDHARY

1. Shikshak Shiksha ki Gunvatta: EK Vivechan, 44th National Seminar on Excellence in Teacher Education: Trends, Challenges and Prospects, Department of Education, MJPRU, Dec22-24, 2010.(Resource person and presenter)
2. Kishoron Hetu Mulya Shiksha ki Vyuh Retina, National Seminar on Promotion of Ethics and Values in Adolscents,Depatment of Education, R.R.P.G. College, Amethi, C.S.M. Nagar, March, 12-14, 2011 (Resource person and presenter)
3. Shikshak Shiksha Evam Rastriya Adhyapak Shiksha Parishad, 45th National Conference on Experiences and Challenges in Teacher Educatio ,Deptt.of Education, University of Pune, Pune(Maharashtra) Dec 27-29,2011
4. Madhyamik Shiksha me Matratmak Evam Gunatmak Vikas, UGC Sponsored National Seminar on Secondary Education, Acharya Narendra Dev Teacher Training College, Sitapur,17-18 Feb,2012 (Resource person and presenter)
5. Orientation Workshop for writers / editors of Self learning material(SLM) ,M.P.Bhoj (open) University, Bhopal(M.P.), July 21-22, 2012
6. Samudayik Vikas Evam Shikshak Shiksha, 46th National conference on Teacher Education and community Development ,MANU University, Hyderabad (A.P.) Dec, 15-17, 2012 (Resource person and presenter)
7. Shikshak Shiksha ki Gunvatta me Rastriya Adhyapak Shiksha ka Yogdan, 47th IATE International Conference on Role of Statutory Bodies in Quality Assurance of Teacher Education, Khalsa college of Education, Amritsar, Nov 22-24, 2013. (Resource person and presenter)



Dr. SANTOSH ARORA

National

1. National Seminar on ICT in Teacher Education. Paper presented on Challenges in integration of ICT in Education. 8-9 April, 2010. M.J.P. Rohilkhand University Bareilly. U.P.
2. National Conference on Excellence in Teacher Education: Trends, Challenges and Prospects, Paper presented on Quality Teacher Education : Threats & Thrust. 22-24 December, 2010. M.J.P. Rohilkhand University Bareilly. U.P.
3. UGC-DRS SAPIII supported National Seminar on Right to Education: Prospects & Challenges. Paper presented on Visually Impaired Children and educational Provision, 20-21 March, 2010. M.J.P. Rohilkhand University Bareilly. U.P.
4. Workshop on Quality Teaching Through Skill Development, presented Key Note Address on Skill Development in Teacher Education Programme, 26-27 November, 2010, Maharaja Agresen Degree College, Bareilly, U.P.
5. National Conference on Experience and Challenges in Teacher Education, Paper presented on E-Learning in Teacher Education held on 28-30 December, 2011, University of Pune, Maharashtra.
6. National Seminar On Education and Rehabilitation of Children with Special Needs Paper presented on Vocation Education of Visually Impaired Children, 22-23 March, 2013. M.J.P. Rohilkhand University Bareilly. U.P.

Dr. ANJU AGARWAL

International

1. "Priorities of Research in Quality Assurance and Professional Development of Teachers" in the International Seminar on "Quality Concerns in Education and Professional Ethics of Teachers in Developing Countries", IATE and Department of Education, University of Allahabad, February 6-7, 2010
2. "Employment Opportunities via Teacher Education Programmes" in Swami Shukdevanand 5th International Seminar on "Employment Generation in Developing Countries: Challenges & Opportunities". SS PG College, Shahjahanpur (U. P.). Feb. 23-24, 2013
3. "Role of Open and Distance Learning Systems in Education and Rehabilitation of Children with Special Needs" in International Conference on "*Education for All: Role of Open Schooling*". NIOS, New Delhi. March 13-15, 2013
4. "Computer-Gaming for Education of Children with Intellectual Disabilities" in 21st Conference of the Asian Federation on Intellectual Disabilities (AFID 2013). India Habitat Center, New Delhi. Oct. 7-11, 2013
5. "Challenges of Inclusion in Uttar Pradesh" in 47th Annual International Conference of Indian Association of Teacher Educators (IATE), Khalsa College of Education, Amritsar, Punjab. Nov. 22-24, 2013
6. "Defining Teaching as Profession" in 10th International & 14th National Conference of All India Association of Teacher Educators on "Teaching as a Profession". Department of Education, Baikunthi Devi Kanya Mahavidyalaya, Agra. Dec. 15-16, 2013



7. Participated in International Seminar on “Single Subject Research in Special Education”. Amity Institute of Rehabilitation Sciences, Amity University, Noida. Oct. 31, 2014
8. Participated in International Conference on Empowerment of Persons with Multiple Disabilities. “Access to Education for Persons with Multiple Disabilities”. Vigyan Bhawan, New Delhi. Oct. 29-30, 2014
9. “Researching Technologies for Inclusive Education” in International Education Conference 2015: Learning Technologies in Education. Faculty of Education, Jamia Millia Islamia, New Delhi. Feb. 24-25, 2015
10. “Attitudinal Barriers to Inclusive Education in India” in 10th Annual International Education and Development Conference. By Tomorrow People Organization, Serbia at Hotel AETAS Lumpini, Bangkok, Thailand. March 05-07, 2015
11. “Problems and Prospects of Inclusive Education in India” in 3rd Global Summit on Education (GSE 2015). Worldconferences.net, Hotel Melia, Kuala Lumpur, Malaysia. March 09-10, 2015

National (As Member Organizing Committee)

1. National Seminar on “Right to Education: Prospects and Challenges”, Department of Education, MJP Rohilkhand University, Bareilly, March 20-21, 2010.
2. National Seminar on “ICT in Teacher Education”, Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010.
3. National Workshop on “Lesson Planning”. Deptt. of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011.
4. National Seminar on “Promoting E-governance Culture in Institutions of Higher Education”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 20-21, 2013.

As Organizing Secretary

- National Seminar on “Education and Rehabilitation of Children with Special Needs”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013

Workshops:

1. Workshop-cum-Symposium on “Research Priorities in Special Education”. IASE, MJP Rohilkhand University, Bareilly, March 29-30, 2011.
2. RCI’s Orientation Programme & Course Coordinators Meet. RCI & IID, Varanasi. Oct. 16-17, 2014.

Papers presented in Seminars /Conferences:

1. “Right to Education and Children with Special Needs”, in the National Seminar on “Right to Education: Prospects and Challenges”, Department of Education, MJP Rohilkhand University, Bareilly, March 20-21, 2010.
2. "Future of ICT Integration in Teacher Education", in the National Seminar on “ICT in Teacher Education”, Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010.



3. "Teacher Performance and Information & Communication Technologies", in the National Seminar on "ICT in Teacher Education", Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010
4. "Empowerment of Teachers in ICT based Teaching", in the National Seminar on "ICT in Teacher Education", Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010
5. "Preparing Teachers for Children with Special Needs and ICT", in the National Seminar on "ICT in Teacher Education", Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010
6. "Quality Teacher Education: Indian Scenario" in National Seminar on "Quality Concern in Education". Shankara Group of Institutions, Kukas, Jaipur (Rajasthan). Oct. 02-03, 2010
7. "Cooperative Learning for Teaching Science" in 44th IATE National Conference on "Excellence in Teacher Education: Trends, Challenges and Prospects". Deptt of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24, 2010
8. "Continuous and Comprehensive Evaluation: Some Points to Ponder" in National Seminar on "Continuous and Comprehensive Evaluation". Balmukund Bazari College of Education & ISEDA, Runkata, Agra. Jan. 28, 2011
9. "Challenging Social Values towards Disability" in National Seminar on "Value Education and the Role of Teachers, Institutions & Society". Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). Feb. 11-12, 2012
10. "VOE: A Full-proof Medicine for Mental Well-being" in National Seminar on "Value Education and the Role of Teachers, Institutions & Society". Jyoti College of Management Science & Technology, Bareilly. Feb. 11-12, 2012
11. "Teaching Maths to Children with Mental Retardation using Computer Games" in 46th Annual Conference of IATE on "Teacher Education and Community Development". Maulana Azad National Urdu University, Hyderabad. Dec. 15-17, 2012
12. Participated as member, organizing committee and resource person in National Seminar on "Promoting E-governance Culture in Institutions of Higher Education". Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 20-21, 2013
13. Participated as organizing secretary and resource person in National Seminar on "Education and Rehabilitation of Children with Special Needs". Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013
14. "Early Intervention& Prevention of Mental Retardation: Problems & Prospects with special reference to Uttar Pradesh" in National Seminar on "Education and Rehabilitation of Children with Special Needs". Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013
15. Participated as resource person in National Seminar on "Self Financed Scheme in Development of Higher Education – Policy, Implementation and Impact". Deptt. of Teacher Education, Ranvir Rananjay P. G. College, Amethi. March 29-31, 2013

16. “*Vishisht Balkon se Sambandhit Shodh*” in *Antarrashtriya Shodh Sangosthi Evam Gurustavan Parv. Vishwa Hindi Manch, Bharat&Upadhi Mahavidyalaya, Pilibhit (U. P.)*. July 06-07, 2014

Dr. PRADEEP KUMAR MISHRA

Papers Presented in International Conferences

1. Misra, P.K. (2014). Promoting Open Educational Resources (OER) in popular Indian languages: needs and benefits (Virtual Presentation). LangOER workshop, International Council for Open and Distance Education – ICDE, Norway, October 14, 2014.
2. Misra, P.K. (2014). JVC Recommendations on In-service Teacher Education: Have We Missed the Bus Again?. Partap International Conference 2014 in collaboration with IPDA, UK, Partap College of Education, Ludhiana, February 21-22, 2013.
3. Misra, P.K. (2013). *CPD policies and practices in India: Time to move*. IPDA 2013 International conference Shifting Landscapes in Professional Learning, Birmingham, UK, November 29-30, 2013.
4. Misra, P.K. (2013). Teacher Education reforms in Scotland: Implications in the Indian Context. SERA Annual Conference Widening Horizons – Linking Research, Policy and Practice across Scotland, Glasgow, UK, November 20-22, 2013.
5. Misra, P.K. (2013). *Quality assurance in OER based courseware: A tripartite review mechanism*. Regional Consultation-cum Workshop on Developing Quality Guidelines for Open Educational Resources, CEMCA & Maulana Azad National Urdu University, Hyderabad, March 13-15, 2013.
6. Misra, P.K. (2012). *Design and development of effective OER: Useful pedagogical principles*. Regional Symposium on Open Educational Resources- an Asian perspective on policy and practice, Penang, Malaysia, September 19-21, 2012.
7. Misra, P.K. (2011). *OER: By the teachers, for the teachers, of the teachers*. 25th AAOU Annual Conference, Penang, Malaysia, October 28-30, 2011.
8. Misra, P.K. (2011). *New Media, Digital Cultures, and Education for Sustainable Development*. Symbiosis International Conference on Open and Distance Learning, February 21-23, 2011.
9. Misra, P.K. (2010). *Using ODL to Promote Lifelong Learning among Asian Communities: Needed Initiatives*. 24th AAOU Annual Conference, Hanoi, Vietnam, October 26-28, 2010.

Papers Presented in National Conferences

1. Misra, P.K. (2013). *Promoting E-governance in HEIs: Need for a National Policy*. National Seminar on Promoting E-governance Culture in Institutions of Higher Education, Department of B.Ed./M.Ed., MJP Rohilkhand University, March 20-21, 2013.
2. Misra, P.K. (2010). ‘*Second Life*’ for Teacher Education: Potential Implications. 44th Annual Conference of IATE on Excellence in Teacher Education: Trends, Challenges, and Prospects. Department of Education, MJP Rohilkhand University, December 22-24, 2010.



3. Misra, P.K. (2010). Producing e-competent teachers: A road-map. National Seminar on ICT in Teacher Education. Department of Education, MJP Rohilkhand University, April 08-09, 2010.
4. Misra, P.K. (2010). *Improving Accessibility and Quality of Primary Education in Rural India: ICT supported Strategies*. National Seminar on right to Education: Prospects and Challenges. Department of Education, MJP Rohilkhand University, March 20-21, 2010.
5. Misra, P.K. (2010). *Emerging Technologies, Digital Native Learners and e-Pedagogical Teachers*. National Seminar on Quality Improvement in Teacher Education. Advance Institute of Management, Ghaziabad, February 06, 2010

International Conferences attended (without paper presentation)

1. UCET Annual Conference, Burton-on-Trent, UK, November 07-08, 2013.
2. Computing at School Conference, University of Glasgow, Glasgow, UK, October 26, 2013.
3. Mary O' Sullivan Seminar on Teacher Education, Mary School of Education, University of Edinburgh, Scotland, UK, September 6, 2013.

Conferences/Seminars organized

1. National Seminar on Promoting E-governance Culture in Institutions of Higher Education, Department of B.Ed./M.Ed., MJP Rohilkhand University, March 20-21, 2013.

Dr. YASH PAL SINGH

International

2. "Priorities of Research in Quality Assurance and Professional Development of Teachers" in the International Seminar on "Quality Concerns in Education and Professional Ethics of Teachers in Developing Countries", IATE and Department of Education, University of Allahabad, February 6-7, 2010
3. "Employment Opportunities via Teacher Education Programmes" in Swami Shukdevanand 5th International Seminar on "Employment Generation in Developing Countries: Challenges & Opportunities". SS PG College, Shahjahanpur (U. P.). Feb. 23-24, 2013
4. "Role of Open and Distance Learning Systems in Education and Rehabilitation of Children with Special Needs" in International Conference on "*Education for All: Role of Open Schooling*". NIOS, New Delhi. March 13-15, 2013
5. "Computer-Gaming for Education of Children with Intellectual Disabilities" in 21st Conference of the Asian Federation on Intellectual Disabilities (AFID 2013). India Habitat Center, New Delhi. Oct. 7-11, 2013
6. "Challenges of Inclusion in Uttar Pradesh" in 47th Annual International Conference of Indian Association of Teacher Educators (IATE), Khalsa College of Education, Amritsar, Punjab. Nov. 22-24, 2013
7. "Teaching" in 10th International & 14th National Conference of All India Association of Teacher Educators on "Teaching as a Profession". Department of Education, Baikunthi Devi Kanya Mahavidyalaya, Agra. Dec. 15-16, 2013



8. Participated in International Conference on Empowerment of Persons with Multiple Disabilities. “Access to Education for Persons with Multiple Disabilities”. Vigyan Bhawan, New Delhi. Oct. 29-30, 2014
9. “Researching Technologies for Inclusive Education” in International Education Conference 2015: Learning Technologies in Education. Faculty of Education, Jamia Millia Islamia, New Delhi. Feb. 24-25, 2015
10. “Attitudinal Barriers to Inclusive Education in India” in 10th Annual International Education and Development Conference. By Tomorrow People Organization, Serbia at Hotel AETAS Lumpini, Bangkok, Thailand. March 05-07, 2015
11. “Problems and Prospects of Inclusive Education in India” in 3rd Global Summit on Education (GSE 2015). Worldconferences.net, Hotel Melia, Kuala Lumpur, Malaysia. March 09-10, 2015

National

As Member Organizing Committee

1. National Seminar on “Right to Education: Prospects and Challenges”, Department of Education, MJP Rohilkhand University, Bareilly, March 20-21, 2010.
2. National Seminar on “ICT in Teacher Education”, Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010.
3. 44th IATE National Conference on “Excellence in Teacher Education: Trends, Challenges and Prospects”. Deptt of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24, 2010
4. National Seminar on “Promoting E-governance Culture in Institutions of Higher Education”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 20-21, 2013

As Organizing Secretary

1. National Workshop on “Lesson Planning”. Deptt. of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011
2. National Seminar on “Education and Rehabilitation of Children with Special Needs”. Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013

Participated in Workshops/Seminar/Conferences:

1. Workshop-cum-Symposium on “Research Priorities in Special Education”. IASE, MJP Rohilkhand University, Bareilly, March 29-30, 2011.
2. RCI’s Orientation Programme & Course Coordinators Meet. RCI & IID, Varanasi. Oct. 16-17, 2014.

Papers Presented in Seminar/Conferences:

1. “Right to Education and Children with Special Needs”, in the National Seminar on “Right to Education: Prospects and Challenges”, Department of Education, MJP Rohilkhand University, Bareilly, March 20-21, 2010.
2. "Future of ICT Integration in Teacher Education” in the National Seminar on “ICT in Teacher Education”, Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010.



3. "Preparing Teachers for Children with Special Needs and ICT", in the National Seminar on "ICT in Teacher Education", Department of Education, MJP Rohilkhand University, Bareilly, April 8-9, 2010
4. "Quality Teacher Education: Indian Scenario" in National Seminar on "Quality Concern in Education". Shankara Group of Institutions, Kukas, Jaipur (Rajasthan). Oct. 02-03, 2010
5. "Cooperative Learning for Teaching Science" in 44th IATE National Conference on "Excellence in Teacher Education: Trends, Challenges and Prospects". Deptt of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24, 2010
6. "Reflecting upon Continuous and Comprehensive Evaluation" in National Seminar on "Continuous and Comprehensive Evaluation". Balmukund Bazari College of Education & ISEDA, Runkata, Agra. Jan. 28, 2011
7. "Can we teach values in schools?" in National Seminar on "Value Education and the Role of Teachers, Institutions & Society". Jyoti College of Management Science & Technology, Pilibhit Road, Bareilly (U. P.). Feb. 11-12, 2012
8. "Need and Importance of Social Values" in National Seminar on "Value Education and the Role of Teachers, Institutions & Society". Jyoti College of Management Science & Technology, Bareilly. Feb. 11-12, 2012
9. "Teaching Maths to Children with Mental Retardation using Computer Games" in 46th Annual Conference of IATE on "Teacher Education and Community Development". Maulana Azad National Urdu University, Hyderabad. Dec. 15-17, 2012
10. Participated as member, organizing committee and resource person in National Seminar on "Promoting E-governance Culture in Institutions of Higher Education". Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 20-21, 2013
11. Participated as organizing secretary and resource person in National Seminar on "Education and Rehabilitation of Children with Special Needs". Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013
12. "Early Intervention & Prevention of Mental Retardation: Problems & Prospects with special reference to Uttar Pradesh" in National Seminar on "Education and Rehabilitation of Children with Special Needs". Department of B. Ed. / M. Ed. (IASE), MJP Rohilkhand University, Bareilly, March 22-23, 2013
13. "*Shaikshik Shodh ki Prathamikataayen*" in *Antarrashtriya Shodh Sangosthi Evam Gurustavan Parv. Vishwa Hindi Manch, Bharat & Upadhi Mahavidyalaya*, Pilibhit (U. P.). July 06-07, 2014

Dr. SUDHIR KUMAR VERMA

International

1. International Conferences on Teacher Education in Global Prospective "Title of paper : ICT & Teacher Education" organised by Babe Ke College of Education, Firozpur, Punjab, 25th March, 2010.
2. International Seminar on Impact of Globalization "Title of Paper : Relevance of Management skill in school administrating" organised by S.S. (PG) College, Shahjahanpur during 26-27 Feb., 2011.



National

1. National Seminar on Innovations in Higher Education "Title of Paper : Role of Teacher Education in present context" organised by Govt. Raza (PG) College, Rampur During 28-29 March, 2010.
2. National Seminar on Right to Education : Prospects and Challenges "Title of paper : RTE: Financial Implecations" Organised by Department of Education, M.J.P. Rohilkhand University, Bareilly during 20-21 March, 2010.
3. National Seminar on Management of Environment Pollution "Title of Paper: Efforts of Agencies in Promoting Environmental Education & Awareness" organised by Department of Plant Science, M.J.P. Rohilkhand University, Bareilly during 10-11 April, 2010.
4. National Seminar on Traditional Indian Teaching Methods "Title of paper: Relevance of Ancient Teaching Learning Methodologies in present Context" Organised by Bhartiya Shiksha Shodh Sansthan, during 20-21 Feb., 2010.
5. National Seminar on ICT in Teacher Education "Title of paper : ICT & Role of Teacher Educator" sponsored by Govt. of U.P. and organised by Department of Education, M.J.P. Rohilkhand University, Bareilly during April, 2010.
6. National Seminar on "Quality Concern in Education" Organised by Department of Education, University of Lucknow and All India Association for Educational Research during Dec., 22-24, 2009.
7. National Conference on Excellence in Teacher Education : Trends, Challenges and prospects "Title of Paper : Role of Privatization for Excellence in Teacher Education" Organised by Department of Education, M.J.P. Rohilkhand University, Bareilly during 22-24 Dec., 2010.
8. National Conference on philosophy of Gandhi Ji "Title of paper: Relevance of Gandhi Ji Educational Philosophy in present perspective" organised by Kanya Mahavidalaya, Bhoor, Bareilly during 17-18 Feb., 2011.
9. National Conference on Challenges of Education in 21st Century "Title of paper : Teacher Education Quality Vs Quantity" organised by Bihar Teacher Educators Association and A.N. Sinha Institute of Social Studies, Patna, Bihar during 29-30 Jan., 2011.
10. U.G.C. Sponsored National Workshop on "Human Rights and Moral Values in Higher Education" organised by S.S. (P.G.) College, Shahjahanpur during Feb., 19, 2011.
11. National workshop on "Psychological Test Construction & Application" organised by M.Ed. Department, Bareilly College, Bareilly during 20 March, 2011.
12. National Seminar on Higher Education in India : Present Scenario and future prospects "Title of Paper : Teacher Education and ICT" organised by Govt. Raza (P.G.) College, Rampur during 18-19 Sept., 2011
13. UGC sponsord National Seminar On Madhyamik Shiksha Ka Sarvabhumikaran-Dasa Evam Disha Oraganised by AND Teachers Training College Sitapur (U.P)
14. National Seminar on Value Education and the Role of Teachers , Instituions & Soceity Oraginased by Jyoti College of Mang.&Tech.,Bareilly during Feb.11-12,2012



15. National Seminar on Education and Rehabilitation of children with special needs organised by Deptt. of B.Ed/M.Ed M.J.P. R.U Bareilly during March 20-21, 2013
16. National Seminar on Promoting E-governance culture in Institutions of Higher Education organised by Deptt. of B.Ed/M.Ed M.J.P. R.U Bareilly during March 22-23, 2013
17. Seminar on Professional Development of teachers, 25 Feb., 2015 organised by Alumni of Deptt. of Education, M.J.P. Rohilkhand University, Bareilly.
18. DRS (SAP-III) Workshop on Advances in Assessment, Training and Evaluation of Students with special needs organised by Department of Education, Faculty of Education & Allied Sciences, MJP Rohilkhand University, Bareilly during 4-6 March, 2010.

Dr. TARUN RASHTRIYA

International

1. International Conference on 'Integration of Academic Courses with Vocational Education in Secondary Schools; Organized by National Institute of Open Schooling; on Feb. 17-19, 2012; at Institute of Defence Studies & analysis (IDSA), New Delhi. Paper Presented: Industry Participation in VET: Why, What & How.
2. International Seminar on 'Crisis in Indian Agriculture'; Organized by Department of Economics, D.S. College, Aligarh (UP) in collaboration with UPUEA & BASS; on Aug. 25-26, 2012. Co-chaired a Technical Session and Paper Presented: Entrepreneurship Development in Agriculture.

National

Seminar/Workshop Organized:

1. Organized Workshop on 'Computer Applications in Classroom Teaching (Level – 1)' as Workshop Convener, on Feb 08, 2011 at Maharaja Agrasen Mahavidyalaya, Bareilly, in association with Society for Professional Development of Teachers (SPDIT).
2. Organized Seminar on 'Professional Development of Teachers: Potentials, Pathways & Skills' as Organizing Secretary, on Feb. 25, 2015 at Department of Education (B.Ed./M.Ed.), MJP Rohilkhand University, Bareilly.

Papers Presented in Seminars/Conferences

1. National Seminar on 'Quality Improvement in Teacher Education'; Organized by Advance Institute of Management, Ghaziabad (UP), on Feb. 06, 2010. Paper Presented: Improvising Teacher Education Programmes (TEPs) to Meet Diversified Needs.
2. National Seminar on 'Right to Education: Prospects and Challenges'; Organized by Department of Education, M.J.P. Rohilkhand University, Bareilly (UP), on Mar. 20-21, 2010. Paper Presented: Public-Private Partnership and Right to Education.
3. National Seminar on 'ICT in Teacher Education'; Organized by Department of Education, M.J.P. Rohilkhand University, Bareilly (UP), on Apr. 08-09, 2010. Paper Presented: Integrating ICT in TE Curriculum: A SWOT Analysis.
4. 44th IATE National Conference on 'Excellence in Teacher Education: Trends, Challenges and Prospects'; Organized by Department of Education, MJP



Rohilkhand Univ., Bareilly (UP), on Dec. 22-24, 2010. Paper Presented: The Future of Teacher Education Programmes.

5. National Seminar on 'Value Education and the Role of Teachers, Institutions & Society', Organized by Jyoti College of Management Science & Technology, Bareilly, on Feb. 11-12, 2012. Paper Presented: Incultation of Vocational Values: The Role of Institutions & Other Stakeholders.
6. National Conference on 'Perspective in Higher Education'; Organized by Sant Vinoba PG College, Deoria (UP), on Feb. 21-22, 2012. Chaired a Technical Session on 'Privatization and Globalization of Higher Education; and Paper Presented: Indian Higher Education Scenario: Emerging Trends and Challenges.
7. National Seminar on 'Reinventing Teacher Education: Concepts & Challenges'; Organized by Department of Teacher Education, Bareilly College, Bareilly (UP); on March 24-25, 2012. Papers Presented: (1) Professional Development of Teachers: A Few Initiatives, and (2) Redefining Aims of Teacher Education in View of ICT Influx (in co-authorship with Ms. Rakhi Mishra).
8. National Seminar on 'Promoting E-governance Culture in Institutions of Higher Education'; Organized by Department of B.Ed./M.Ed., MJP Rohilkhand University, Bareilly (UP); on Mar. 20-21, 2013. Paper Presented: E-governance in TVET Institutions: Retrospect & Prospects.
9. National Seminar on 'Education and Rehabilitation of Children with Special Needs'; Organized by Center for Disability Studies, Department of B.Ed./M.Ed. (IASE), MJP Rohilkhand University, Bareilly (UP), on Mar. 22-23, 2013. Paper Presented: Vocational Rehabilitation of Children with Special Needs.

Dr. PRATIBHA SAGAR

International

1. Sagar, P. (2014). Role of Technological development in economic process. In *International Seminar on Economic Development with Devaluation of Non-economic Values: Problems and remedies*, Faculty of Commerce & Research Studies, SSPG College, Shahjahanpur. Mar. 02-03.
2. Sagar, P. (2013). Role of ICT in Employment generation. In *International Seminar on Employment generation in developing countries: Challenges & opportunities*, Faculty of Commerce & Research Studies, SSPG College, Shahjahanpur. Feb. 23-24.
3. Sagar, P. (2012). Innovations in Higher Education: Recent Trends. In *International Conference on internationalization of Higher Education*, Vivek College of Education, Bijnor. Nov. 25-26.
4. Sagar, P. and Johri, D. (2011). Globalization and changing scenario of Education. In *International Seminar on Impact of globalization on managerial skill*, Faculty of Commerce & Research Studies, SSPG College, Shahjahanpur. Feb. 26-27.
5. Sagar, P. and Johri, D. (2010). Teaching for tomorrow: Changing role of teachers for sustaining quality in education. In *International Seminar on quality concerns in education and professional ethics of teachers in developing countries*, Deptt. of Education, University of Allahabad, Feb. 06-07.



National

1. Sagar, P. (2015). Challenges to democracy and use of ICT in India. In *National Seminar On Democracy and Development in India: Challenges & Opportunities*. Sponsored by ICSSR and JS Hindu PG College, Amroha. Jan 24-25.
2. Sagar, P.(2015). Skill development through computers. In *National Seminar on Unemployment and skill development of rural youth in educational institutions*. Sponsored by Higher Education Department, Govt. of UP and Government P.G. College, Bisalpur (Pilibhit) , Feb 21-22.
3. Sagar, P. (2014). ICT Usage in Indian Higher Education in 21st century: Issues and challenges. In *National Seminar on Issues concerning the Higher education in India*. Sponsored by Higher Education Department, Govt. of UP and Government Raza P.G. College, Rampur (UP), March 1-2.
4. Sagar, P. (2014). The Role of Information and Communication Technology in Rural Development. In *National Conference on The role of Education, Research and Technology in Rural Development*. Sponsored by Higher Education Department, Govt. of UP and Government P.G. College, Bisalpur, Pilibhit (UP), February 22-24.
5. Sagar, P. (2013). A shift from segregation to inclusion: Call of the day. In *National Seminar on Education and Rehabilitation of Children with Special Needs*. Deptt. of B.Ed./ M.Ed., Faculty of Education and Allied Sciences, MJP Rohilkhand University, Bareilly. Mar. 22-23.
6. Sagar, P. (2013). An integrated data warehouse model for e-governance implementation in higher education institutions. Deptt. of B.Ed./ M.Ed., Faculty of Education and Allied Sciences, MJP Rohilkhand University, Bareilly. Mar. 20-21.
7. Sagar, P. (2013). Role of ICT in improving school climate. In *National Seminar on School Climate and Quality Education*. Jyoti College of Management Science and Technology. Mar. 06-07.
8. Sagar, P. (2012). Weblogs: A constructivist approach to re-invent teacher education. In *National Seminar on Reinventing Teacher Education: Concepts and Challenges*. Deptt. of Teacher Education, Bareilly College, Bareilly. Mar. 24-25.
9. Sagar, P. (2012). Use of ICT in proper implementation of RTE. In *National Seminar on Right to education: Ways and means*. Deptt. of Education, Rakshpal Bahadur Teacher Training Institute, Bareilly. Mar. 23.
10. Sagar, P. (2012). Environmental degradation and underlying factors. In *National Seminar on Environmental and Social Issues*. Deptt. of Education, Gokul Das Hindu Girls College, Moradabad. Feb.25-26.
11. Sagar, P. (2012). Use of innovative teaching methods for effective teaching and learning. In *National Seminar on Madhyamik shiksha ka sarvabhomikaran – Dasha evam disha*. Acharya Narendra Dev Teacher's Training (PG) College, Sitapur. Feb 17-18.
12. Sagar, P. (2012). Role of teacher in Value Education. In *National Seminar on value education and the role of teachers, Institutions & society*, Jyoti College of Management Science and Technology, Feb. 11-12.

13. Sagar, P. and Pandey, N.N. (2011). Developing Positive attitude towards teaching profession. In *45th IATE National Conference on Experiences and Challenges in Teacher Education*. Department of Education and Extension, University of Pune, Dec. 28-30.
14. Sagar, P. (2011). Challenges for using innovative technology in higher education. In *National Seminar on Higher education in India: Present scenario and future prospects*. Deptt. of Education, Govt. Raza P.G. College, Rampur, Sep. 18-19.
15. Sagar, P. (2010). Pedagogical considerations in facilitating student learning by PowerPoint. In *44th IATE National Conference on Excellence in Teacher Education: Trends, Challenges & Prospects*. Deptt. of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24.
16. Sagar, P. (2010). Laingik samanta: Sambandhit Avadharnayein. In *National Seminar on Gender Equality: Human Rights perspective*. Political Science Department, Sahu Ram Swaroop Mahila Mahavidyalaya, Bareilly. Dec 20-21.
17. Sagar, P. (2010). Approaches to ICT integration in Teacher Education. In *National Seminar on ICT in Teacher Education*. Deptt. of Education, MJP Rohilkhand University, Bareilly, Apr, 08-09.
18. Sagar, P. (2010). Shiksha ka adhikar – Ek Etihask kadam. In *National Seminar on Right to Education- Prospects and challenges*. Deptt. of Education, MJP Rohilkhand University, Bareilly, Mar, 20-21.

Seminar / Conference / Workshop attended:

1. Sagar, P. (2015). Challenges to democracy and use of ICT in India. In *National Seminar On Democracy and Development in India: Challenges & Opportunities*. Sponsored by ICSSR and JS Hindu PG College, Amroha. Jan 24-25.
2. Sagar, P.(2015). Skill development through computers. In *National Seminar on Unemployment and skill development of rural youth in educational institutions*. Sponsored by Higher Education Department, Govt. of UP and Government P.G. College, Bisalpur (Pilibhit) , Feb 21-22.
3. Sagar, P. (2014). Role of Technological development in economic process. In *International Seminar on Economic Development with Devaluation of Non-economic Values: Problems and remedies*, Faculty of Commerce & Research Studies, SSPG College, Shahjahanpur. Mar. 02-03.
4. Sagar, P. (2014). ICT Usage in Indian Higher Education in 21st century: Issues and challenges. In *National Seminar on Issues concerning the Higher education in India*. Sponsored by Higher Education Department, Govt. of UP and Government Raza P.G. College, Rampur (UP), March 1-2.
5. Sagar, P. (2014). The Role of Information and Communication Technology in Rural Development. In *National Conference on The role of Education, Research and Technology in Rural Development*. Sponsored by Higher Education Department, Govt. of UP and Government P.G. College, Bisalpur, Pilibhit (UP), February 22-24.
6. Sagar, P. (2013). A shift from segregation to inclusion: Call of the day. In *National Seminar on Education and Rehabilitation of Children with Special Needs*. Deptt. of B.Ed./ M.Ed., Faculty of Education and Allied Sciences, MJP Rohilkhand University, Bareilly. Mar. 22-23.



7. Sagar, P. (2013). An integrated data warehouse model for e-governance implementation in higher education institutions. Deptt. of B.Ed./ M.Ed., Faculty of Education and Allied Sciences, MJP Rohilkhand University, Bareilly. Mar. 20-21.
8. Sagar, P. (2013). Role of ICT in improving school climate. In *National Seminar on School Climate and Quality Education*. Jyoti College of Management Science and Technology. Mar. 06-07.
9. Sagar, P. (2013). Role of ICT in Employment generation. In *International Seminar on Employment generation in developing countries: Challenges & opportunities*, Faculty of Commerce & Research Studies, SSPG College, Shahjahanpur. Feb. 23-24.
10. Sagar, P. (2012). Innovations in Higher Education: Recent Trends. In International Conference on internationalization of Higher Education, Vivek College of Education, Bijnor. Nov. 25-26.
11. Orientation Workshop for Writers/Editors of Self Learning Materials (SLM). MP Bhoj Open University, Bhopal, July 21-22, 2012.
12. National Seminar on Reinventing Teacher Education: Concepts and Challenges. Deptt. of Teacher Education, Bareilly College, Bareilly. March 24-25, 2012.
13. National Seminar on “Right to Education: Ways and means. Deptt. of Education, Rakshpal Bahadur Teacher Training Institute, Bareilly. Mar. 23, 2012.
14. National Seminar on Environmental and Social Issues. Deptt. of Education, Gokul Das Hindu Girls College, Moradabad. Feb.25-26, 2012.
15. National Seminar on Madhyamik shiksha ka sarvabhomikaran – Dasha evam disha. Acharya Narendra Dev Teacher’s Training (PG) College, Sitapur. Feb 17-18, 2012.
16. National Seminar on value education and the role of teachers, Institutions & society. Jyoti College of Management Science and Technology, Feb.11-12, 2012.
17. 45th National Conference of IATE on Experiences and Challenges in Teacher Education, Department of Education and Extension, University of Pune, Dec. 28-30, 2011.
18. National Seminar on Higher education in India: Present scenario and future prospects. Deptt. of Education, Govt. Raza P.G. College, Rampur, Sep. 18-19, 2011.
19. Workshop cum symposium on Research Priorities in Special Education, Deptt. of Education, MJP Rohilkhand University, Bareilly, March 29-30, 2011.
20. Workshop on Lesson Planning, Deptt. of Education, MJP Rohilkhand University, Bareilly, March 11-12, 2011.
21. Workshop on Psychological Test Construction & Application, M.Ed Department, Bareilly College, Bareilly. March 10, 2011.
22. Workshop on Excellence in Vocational Education: On-the Job Training and Apprenticeship Training. Deptt. of Education, MJP Rohilkhand University, Bareilly, March 08-09, 2011.
23. Workshop on Research methodology and Applications of SPSS. Department of Business Administration, MJP Rohilkhand University, Bareilly, Mar. 07-08, 2011.



24. International Seminar on Impact of globalization on managerial skill. Faculty of Commerce & Research Studies, SSPG College, Shahjahanpur. Feb. 26-27, 2011.
25. Rashtriya Paricharcha on Uchch shiksha mein manav adhikar evam naitik moolya. Deptt. of Education, SSPG College, Shahjahanpur. Feb 19, 2011.
26. Workshop on Computer Applications in classroom teaching (Level-I), Maharaja Agrasen Mahavidyalaya, Bareilly, Feb. 08, 2011.
27. 44th IATE National Conference on Excellence in Teacher Education: Trends, Challenges & Prospects”, Deptt. of Education, MJP Rohilkhand University, Bareilly, Dec. 22-24, 2010.
28. National Seminar on Gender Equality: Human Rights perspective. Political Science Department, Sahu Ram Swaroop Mahila Mahavidyalaya, Bareilly. Dec 20-21, 2010.
29. National Seminar on Application of GIS for Resource Mapping and Planning. Deptt. of Geography, Bareilly College, Bareilly. Nov. 27-28, 2010.
30. International Seminar on quality concerns in education and professional ethics of teachers in developing countries, Deptt. of Education, University of Allahabad, Feb. 06-07, 2010.
31. National Seminar on ICT in Teacher Education, Deptt. of Education, MJP Rohilkhand University, Bareilly, Apr, 08-09, 2010.
32. National Seminar on Right to Education- Prospects and challenges. Deptt. of Education, MJP Rohilkhand University, Bareilly, Mar, 20-21, 2010.

Workshops organized

- Workshop on Computer Applications in classroom teaching (Level-I). Deptt. of Education, Maharaja Agrasen Mahavidyalaya, Bareilly, Feb. 08, 2011. (Workshop Convener)

Dr. JYOTI PANDEY

International

- Developing Quality Culture in Teacher Education Institutions, IATE International Seminar on Alternatives in School System and Teacher Education , 08-09, March, 2014, organized by Department of Education, University of Allahabad in collaboration with IATE and NIOS, Allahabad

National

1. The Right to Education: Some Considerations. National Seminar on Right to Education: Prospects and Challenges, 20-21 march, 2010 organized by Faculty of Education & Allied Sciences, MJP Rohilkhand University, Bareilly.
2. Role of ICT in Constructivist Learning, National Seminar on ICT in Teacher Education, 8-9 April, 2010, sponsored by Government of U.P., organized by Faculty of Education & Allied Sciences, MJP Rohilkhand University, Bareilly.
3. A Ray for Excellence: Professional Commitment, 44th IATE National Conference on ‘Excellence in Teacher Education: Trends, Challenges and Prospects’; Organized by Department of Education, MJP Rohilkhand Univ., Bareilly (UP), on Dec. 22-24, 2010.



4. Secondary Education-The turning point of moral development, National Seminar on Secondary Education, Acharya Narendra Dev Teacher Training College, Sitapur, 17-18 Feb, 2012
5. Quality management in Education, In *National Seminar on School Climate and Quality Education*. Jyoti College of Management Science and Technology. Mar. 06-07.
6. Let us Be Values Educators, UGC sponsored National Seminar on Reinventing Teacher Education – Concept and Challenges, Bareilly College, Bareilly, 24-25 March 2012.
7. Let us be Creative Teachers, UGC sponsored National Seminar on Teacher Empowerment and Educational Excellence: Vision 2020, organized by College of Education, Dhule, Maharashtra, July 2012.
8. Let Us Re-think about Qualitative Teacher Education , National Seminar on Teacher Education in Indian Scenario, 06 April, 2014, BIMT College, Meerut (U.P.)
9. Creating our future with the three new E's of Education- Enable, Engage and Empower, National Seminar on Promoting E- governance Culture in institutions of Higher Education, Department. Of B.Ed /M.Ed, MJP Rohilkhand University, Bareilly, 20-21 March, 2013.
10. National Seminar on Education and Rehabilitation of Children with Special Needs, organized by Centre for Disability Students, centre of excellence Scheme, Government of India, Department of B.Ed/M.Ed, MJP Rohilkhand University, Bareilly, 22-23 March, 2013.
11. Role of Education in National Development, National Seminar on Geo-Economic Social and Political Conditions in the context of National Development, Bareilly College, 17-18 December, 2013
12. Environmental Education-Educating for Sustainable Development, National Seminar on Challenges and Road Ahead: A Macro-Cosmic Analysis of Sustainable Development, Veerangana Rani Awanti Bai College, Bareilly, 1-2 February, 2014
13. Environment Education- Issues and Challenges, National Seminar on Environmental , Climate and Economics Concern, Department of Humanities, MJP Rohilkhand University, Bareilly, 07-08 February, 2014.
14. Professional Skills Development and Teacher Education, Seminar on 'Professional Development of Teachers: Potentials, Pathways & Skills ,Department of Education (B.Ed./M.Ed.), MJP Rohilkhand University, Bareilly, Feb. 25, 2015

Dr. PREM PAL SINGH

National

- Workshop – Effective teaching methods and Strategies (Dec 12-16, 2011), UGC, ASC University Lucknow.
- Refresher Course – (15 Sept-06 Oct.2010) UGC, ASC, AMU, Aligarh

**Annexure- 4****NET-JRF Pass-Outs from the Department (2010 to 2015) N=57**

Sr. No.	Name	Gender	NET/JRF Qualified
1.	Ajay Kumar	Male	June 2012
2.	Amjad Hussain	Male	Dec, 2013
3.	Anurag Mishra Vidyarthi	Male	June -2013
4.	Arvind Kumar Maurya	Male	Jun-2013
6.	Arvind Sharma	Male	20,09,2011
7.	Ashad Ali Khan	Male	UGC NET 2012
8.	Bhavana kushwaha	Female	NET June 2012
9.	Brijesh Kumar	Male	JRF June 2014
10.	Charu Tripathi	Female	Dec-2012
11.	Deepak Jaiswal	Male	Jun-2011
12.	Deepak Kumar Gupta	Male	UGC NET DEC 2007 And DEC 2012
13.	Dharm Beer Gangwar	Male	NET JUNE 2012
14.	Dr Zafar Iqbal	Male	NET June 2012
15.	Dr. Sarah Basu	Female	UGC NET 2011
16.	Gaurav Singh	Male	2003
17.	Girish Kumar	Male	2014
19.	Izhar Ashraf	Male	Dec-13
20.	Jugesh Kumar	Male	JRF, JUNE 2012
21.	Kundan Singh	Male	JRF June 2013
22.	Lalit Kumar	Male	JRF 2007 &2013
23.	Madhuri Singh Rathore	Female	UGC NET June 2014
24.	Mahendra Pal Gangwar	Male	UGC JRF Dec 2013
25.	Manish Kumar Sharma	Male	Dec-11
26.	Manoj Kumar Rai	Male	Dec-13
27.	Md. Matin Arif	Male	NET June 2014
28.	Megha Gangwar	Female	2013
30.	Mithun Roy	Male	2011
31.	Mona Sharma	Female	Dec-12
32.	Monika Gupta	Female	2012
33.	Pallavi Pandey	Female	UGC NET June 2013
34.	Pradeep Kumar Tiwari	Male	2013



35.	Pramod Kumar rajput	Male	June_2012,Dec_2012
36.	Priti Rani	Female	JRF 2013
37.	Rajeev Babu	Male	NET 2012
38.	Rajesh Kumar Nagarkoti	Male	Dec.2013
39.	Rajesh Pratap Singh	Male	Jun-13
40.	Rakhi Mishra	Female	Jun-13
41.	Ram Shanker Saxena	Male	Jun-13
42.	Ravi Kaushal	Male	2012
43.	Ritesh Kumar Saxena	Male	Jun-12
44.	Sachin Iumar Verma	Male	NET-JRF, DEC-2010
45.	Satish Chandra	Male	2012
46.	Saurabh Shukla	Male	NET-JRF JUNE, 2013
47.	Shashi W. Dhanrekha	Female	2010 and 2013
48.	Shweta Singh	Female	2012
50.	Sonal Gangwar	Female	JRF in june 2013
51.	Sonal gupta	Female	
52.	Sunil Kumar Bhatt	Male	2013
53.	Tariq Anwar	Male	Yes 2012
54.	Teena sharma	Female	Net-2013
55.	Vaishali Agarwal	Female	NET June 2013
57.	Yogesh kumar pandey	Male	JRF (june 2013)



Details of Ph.D. Awarded (N=32)

1. A Study of level of awareness & magnitude of use of communication technologies at +2 level of school, 2011.
2. Study of magnitude of teachers' engagement in verbal & non-verbal instructional task in classroom situations at upper primary level, 2012.
3. A Comparative study of personality adjustment , level of aspiration and educational achievement of normal and handicapped students, 2013
4. A Comparative Study of The Effectiveness of Language Lab and Conventional Method of Teaching English in Developing Oral Communication Skills Among Secondary Schools, 2012
5. उच्च शिक्षा स्तर पर बालिका शिक्षा की समस्याओं का सामाजिक आर्थिक, जनाककीय एवं कुछ मनोवैज्ञानिक कारणों के सन्दर्भ में विषेलाणाम्त्क अध्ययन, 2012
6. प्राथमिक विद्यालयों में विकेन्द्रीकृत नियोजन के अन्तर्गत संचालित नवाचार कार्यक्रमों का अवस्थापना सुविधाओं के विस्तार एवं शैक्षिक गुणवत्ता संवर्धन पर प्रभाव का अध्ययन', 2013
7. Impact of Home & School Environment on Mental Health of Secondary Level Students- Namita Mishra, 2010.
8. A study of Personality, Self Concept and Attitude towards Teaching Profession of Prospective Teacher, Amita maheshwari, 2010.
9. Impact of Tele-viewing Patterns of Secondary Level Students on Their Study Habits, Values and Occupational Aspirations, Deepa Rani, 2011.
10. A study of Achievement Motivation, Creativity and Values of Secondary Level Students in Relation to their Tele-viewing Patterns, 2012. Sushma Chandra, 2012.
11. School and Home Environment as Determinants of Emotional Competence of Higher Secondary Level Students – Kamal Kishore Mehrotra, 2014
12. A Study of Leisure Time Activities of High School Students and its Relation to their Academic Stress, Anxiety and Achievement – Karan Singh, 2013
13. A Comparative Study of Government and Non Government Secondary School Teachers in relation to Frustration, Job Satisfaction, and Mental Health, 2010
14. A Study of Physical, Nutritional and Mental Health of Primary School Children of Rural and Urban Areas, 2010
15. Professional Responsibility Feeling Among Secondary School Teachers And Organizational Role Stress Experienced By Them, 2011
16. A Critical Study of Sufism With Reference to Educational Aspects, 2012
17. An analytical study of prevailing patterns of observers' feedback during practice teaching to B.Ed. trainees in view of pedagogical operations, teaching competencies and utility, 2012.
18. The effects of family television use on academic success, co curricular activities and cultural ideologies of school students, 2011.



19. A study of ICT using competencies, usage patterns and e-barriers among teacher educators and teacher trainees, 2010.
20. दूरस्थ शिक्षा विद्यार्थियों के मूल्यां एवं व्यावसायिक आकांक्षाओं पर टेलीविजन कार्यक्रमों के प्रभाव का अध्ययन 2010
21. *Sahkari Adhigam ka Vanijya ke Vidyarthyon ki Shaikshik Uplabdh, Abhiprerana tatha Samayojan par Prabhav ka ek Adhyayan*
22. A Comparative Study of Effectiveness of Peer Tutoring, CAI and Conventional Methods in the Remediation of Mathematical Learning Disability.
23. A Comparative Study of Cooperative Learning, Multimedia Learning Strategies & Traditional Method as Remediation of Mathematical Learning Disability.
24. Remediating Skill Deficits Among Mentally Retarded Children Through Computer Assisted Instruction.
25. Evaluating Quality of Educational Information on Internet and Evolving Quality Control Guidelines. 2011
26. Impact of Pre-Service Teacher Education on Teaching Competence, Teaching Aptitude and Attitude Towards Teaching. 2012
27. A Study of Effects of Cooperative Learning Methods on Achievement-Motivation and Process-Skills in Science. 2012
28. A Comparative Study of Effectiveness of STAD and JIGSAW Methods of Cooperative Learning on Achievement-Motivation and Achievement in English Language. 2012
29. A study of administrative behaviour of secondary school principals as a factor of school climate and morale, efficiency and commitment among the teachers, 2014.
30. A comparative study of tertiary teachers working on regular and contractual basis with special reference to job related variables, 2012.
31. A study of emotional intelligence among secondary level students as a function of factors related to home and school environment, 2010.
32. A study of some psycho-social correlates of learning styles among adolescents, 2010



Department of Applied English

1. Name of the Department:
[Applied English](#)
2. Year of establishment:
[1998](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[P.G., Ph.D.,](#)
5. Interdisciplinary Programmes and Departmentsinvolved:
[N.A.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the coursesoffered by other Departments.
[N.A.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	01	01	01
Asst. Professor	04	-	-
Others (Guest Faculty)	04	04	04



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Sumitra Kukreti	D. Litt.	Associate professor and head	Twentieth century literature, indian women novelists	24	06
Dr. Prithviraj Singh	Ph. D., NET, USET, SLET	Guest faculty	Canadian literature, criticism, professional communication	06	
Dr. Monika Jaiswal	Ph. D.	Guest faculty	Indian english novelists	06	
Mr. Kapil Dev	M. A., NET	Guest faculty	Twentieth century literature, british literature	03	
Ms. Deepti Chaurasia	M. A.	Guest faculty	Indian english literature	6 months	

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
- Prof. K. M. Pandey, Department of English, BHU, Varanasi
 - Prof. Shrawan Kumar Sharma, Head, Department of English, Gkangri University, Haridwar, (Uttarakhand)
 - Dr. Rahatulla Khan, Department of English, AMU, Aligarh
 - Prof. S. A. Hamid, Head, Department of English, Kumaun University, Almora
 - Prof A.K. Awasthy, Former Head, Department of English, H.S.Gaur Sagar University, Sagar
13. Percentage of classes taken by temporary Faculty Program – information:
80% M.A. classes are allotted to Guest Faculty
14. Program-wise Student Teacher Ratio:
M.A. 10:1
Ph.D 1:6
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
Administrative - 2



16. Research thrust areas as recognized by major funding agencies:
N.A.
17. Number of faculties with ongoing projects from
- a) National
 - b) International funding agencies and
 - c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:
- National funding agency : 01
- Total grant received : 1.45 lakhs
- Name of the funding agency : UGC
- Project title : effectiveness of language laboratory as diagnostic and remedial intervention for developing communicative skill among students
18. Inter-institutional collaborative projects and associated grants received.
- a) National collaboration : Nil
 - b) International collaboration : Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
None
20. Research faculty / centre with
- State recognition: - Nil
 - National recognition: - Nil
 - International recognition: - Nil
21. Special research laboratories sponsored by / Created by industry or corporate bodies:
N.A.
22. Publications:
- * Number of papers published in peer reviewed journals (national / international): 21
 - * Papers Published in National Journals 14
 - * Papers Published in International Journals 07

List of papers published in journals

1. Kukreti, Sumitra (2010) from periphery to the centre: the new woman in Shashi Deshpande's the binding vine: the journal of contemporary literature, vol.1, no. 2, July. (ISSN: 0975-1637)



2. Chauhan, p. S. & sumitra kukreti (2011) longing for belongingness: a study of the works of uma parmeshwaran, shodh drishti, vol.2, no.1, jan.-march. (ISSN: 0976-6650). Page no. 217-221
3. Kukreti, sumitra .creating female space in patriarchal power structure: the fiction of Margaret Laurence and Nayantara Sahgal, points of view, xv, no.2, winter.
4. Kukreti, sumitra. (2012) subaltern resistance in namita gokhle's god, graves and grandmother, jodhpur studies in english, vol x,
5. Kukreti, sumitra (2012) addressing the issue of sexual anarchy in paro, indian journal of english studies, vol. Xi
6. Chauhan, p, s. And sumitra kukreti (2012) anthropocentric paradigm and nature: a critical study of Ted Hugh's poetry, Indian ethos, vol.2, no2 winter, (ISSN: 2249-4324). Page no. 77-84
7. Kukreti, sumitra. (2012) revolt and after: new woman in shashi deshpande's dark holds no terrors, the journal of contemporary literature, vol.1, no. 2, july, issn 0975-1637
8. Kukreti, sumitra (2013). Feminist Discourse: A Revaluation, New woman in shashi deshpande's the binding vine :the journal of contemporary literature, vol.2, no. 2, july, issn 0975-1637
9. Kukreti, sumitra, challenge to patriarchal hegemony through same sex bonding: attia hosain's sunlight on broken column", literary insight, 2014.
10. Singh, shiv and sumitra kukreti (2014) always a fighter, new woman in shashi deshpande, 15 days : an international research refereed journal, vol. 78, october, (issn 2249-605x)
11. Chauhan, p. S. And sumitrakukreti,(2013) cultural mobilization and ecological concerns T.S. Eliot's the waste land" voices: voices of interdisciplinary critical explorations , vol.4, no.2, (issn: 2230-875x) page.no.01-07.
12. Chauhan, p. S. Longing for belongingness: a study of the works of uma parameswaran, shodh drishti, journal of all researches vol.2 no.1 january- march 2011. (ISSN: 0976-6650). Page no. 217-221
13. Chauhan, p. S. A voice of protest: a study of margaret laurence's the stone angel." Samvad, bi-annual journal of language, literature and humanities, no 2 April 2011. (issn: 2231-4156) page no. 294-297
14. Chauhan, p. S. "Anthropocentric paradigms and nature: a critical study of ted Hughes's poetry" Indian ethos: a peer reviewed inter-disciplinary international journal vol. 2 no.2 winter 2012. (ISSN: 2249-4324). Page no. 77-84
15. Chauhan, p. S. "cultural mobilization and ecological concerns T.S. Eliot's the waste land" voices: voices of interdisciplinary critical explorations (a peer reviewed journal) vol.4, no.2, nov-dec 2013 (ISSN: 2230-875x) page.no.01-07.
16. Chauhan, P. S. "conceptualizing the self and paradox of motherhood in Margaret luarence's the fire dwellers" international journal on



multicultural literature (ijml), vol.5 no.1 January 2015 (ISSN: 22316248), page no.58-65.

17. Singh, Kaptan. (2013) feminist consciousness in nayantarasahgal's storm in Chandigarh, research scholar: an international refereed e-journal on literary exploration. Vol. I , issue iii august (issn: 2320-2101)
 18. Singh, kaptan. (2013) orientation of women in the Punjabi short stories of amrita pritam and ajit kour, international journal of multicultural literature (ijml) vol.iii, no. V (issn: 2231 –6248)
 19. Singh, kaptan. (2010) depiction of the downtrodden class in anand's untouchable, a journal of social sciences and humanities. Vol. 3, july-dec. (issn: 0975-3354)
 20. Singh, kaptan. (2011) diasporic experiences in Anita desai's bye bye blackbird, shodhdristi: a journal of all research. Vol. 2 no. 5 july- sept. (issn: 0976-6650)
 21. Singh, kaptan. (2012) Margaret laurence's the stone angel: a memoir of an old woman, anukriti: an international multidisciplinary research journal. Vol. 2, no. 2 jan.- march, 2012 (issn: 2250-1193)
- * Professional memberships:
- i. All india association of english teachers
 - ii. Comparative literature association of india
- * Monographs: Nil
- * Chapter in Books: 07
1. Kukreti, sumitra (2011) deconstructing gendered roles in *the dark holds no terrors, contemporary Indian writing in English*, ed. Satendra kumar, and Jaipur: yking books.
 2. Kukreti, sumitra (2011) caste struggle and harmony in premchand and sharankumarlimbale, *socio-political concerns in dalit literature :a critical survey*, ed. Satendra kumar, jaipur: yking books
 3. Chauhan, p. S. "struggle for legitimizing the experience of being a dalit: sharankumarlimabale'sakkarmashi", *unheard voices of dalit literature*, ed. Dr. Satendra kumar, (jaipur: yking books, 2012, ISBN: 978-93-80930-51-0). Page no. 308-314
 4. Singh, kaptan. (2013) the fiction of Margaret laurence and Anita Desai: a thematic study in exile and alienation, *insight: a compendium of world literature*.Ed. Manoj kumar yking books, jaipur(isbn: 978-93-82532-50-7)
 5. Singh, kaptan. (2013) perception of women in Anita Desai's *fire on the mountain*, *yking concise encyclopedia of language, literature and culture*. Ed. Satendra kumar. Yking books: jaipur, (isbn: 978-93-82532-48-4)
 6. Prepared study material on canadian literature for open university, kota: Margaret Lawrence's the Stone Angel
 7. Margaret Lawrence's the Fire Dwellers



- * Edited Books: 01
01- Image of empowered new women in literature and media, neelkamal prakashan, New Delhi, 2015
 - * Books with ISBN with details of publishers: -
 - * Number listed in International Database (For e.g. Nil
Web of Science, Scopus, HumanitiesInternational
Complete, Dare Database–International Social
Science Directory, EBSCO host, etc.):
 - * Citation index – range / average: -
 - * SNIP: Nil
 - * SJR: Nil
 - * Impact Factor – range / average: -
 - * h-index: -
23. Details of patents and income generated:
N.A.
24. Areas of consultancy and income generated:
N.A.
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
NIL
26. Faculty serving in
a) National committees b) International committees c) Editorial Boards
d) Any other (please specify):
Dr. Sumitra kukreti:
- Convenor board of studies, applied english, mjp rohilkhanda university, bareilly
 - Expert member RDC –IFTM University, Moradabad
 - Member editorial board :Aim explore, Ghaziabad, Shodh drishti, varanasi
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Details of the workshops attended by faculty members:
- Dev, Kapil attended research methodology course, under ugc coaching scheme, organised by department of ancient history and culture , mjp rohilkhanda university, bareilly, during 7-to 16 feb. 2013

- Dev, Kapil National workshop on communication skills to change management in classrooms, organised by department of humanities, mjp rohilkhand university, bareilly, during 9-to 14 dec. 2013
- Dev, Kapil Empowering the role and images of women through literature: present scenario and futuristic contemplations, department of applied english, mjp rohilkhand university, bareilly, during 27-28 march, 2015
- Singh, Prithviraj attended research methodology course, under ugc coaching scheme, organised by department of ancient history and culture, mjp rohilkhand university, bareilly, during 7-to 16 feb. 2013
- Singh, Prithviraj attended national workshop on communication skills to change management in classrooms, organised by department of humanities, mjp rohilkhand university, bareilly, during 9-to 14 dec. 2013
- Singh, Prithviraj attended empowering the role and images of women through literature : present scenario and futuristic contemplations, department of applied english, mjp rohilkhand university, bareilly, during 27-28 March, 2015

28. Student projects

- * Percentage of students who have done in-house projects including inter-departmental projects:
N.A.
- * Percentage of students doing projects in collaboration with other universities / industry / institute:
N.A.

29. Awards/ recognitions received at the national and international level by

- Faculty: -
- Doctoral / post doctoral fellows: -
- Students: -

30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

National Seminar organized-01

- Empowering the role and images of women through literature : present scenario and futuristic contemplations
- Funding agency : UP govt. Higher education commission

31. Code of ethics for research followed by the departments.

N.A.



32. Student profile program- wise: (admissions on entrance test merit basis)

Name of the Program (refer to Q. no. 4)	Applicants admitted	Selected		Pass percentage Nearly..... in all the years	
		Male	Female	Male	Female
M.A. (2013-14)	65	21	33	92%	100%
Ph.D. (2009)	08	04	03	-	-

- There were no admissions in PhD Programs from 2011-2014)

33. Diversity of students:

Name of the Program (refer to Q. no. 4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state	% of students from other countries
M. A. (2013-14)	70%	10%	20	Nil
Ph. D.	70%	10%	20%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:

Sl No.	Name of the student	NET Exam cleared	Year
1	Dr. Prithviraj Singh	Net, Uset,	2012 2013
2	Dr. Brijmohan Singh	Net	2012
3	Dr. Kaptan Singh	Net/ Uset	2012, 2013 2012
4	Mr. Kapildev	Net	2012, 2013, 2014
5	Mr. Nizamuddin	Net	2013, 2014
6	Ms. Disha Vishwakarma	Uset (UK)	2012
7	Mr. Nayav Ali	Net slet (Raj.) Uset (UK) Slet (North East)	2014 2015
8.	Jessica Rawson	Uset (UK)	2015

5. Student progression

Student progression	Percentage against enrolled
UG to PG	N.A.
PG to M. Phil.	20%
PG to Ph.D.	25%
PG to Ph.D. to Post-Doctoral	NIL
Employed	
Campus selection	
Other than campus recruitment	50%
Entrepreneurs	20%

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	75%
From other universities within the State	-
From universities from other State from	25%
Universities outside the country	-

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt.
During the assessment Period: 03

- i. Dr. Sumitra Kukreti, D. Litt
- ii. Dr. Prithviraj Singh, Ph.D.
- iii. Dr. Monika Jaiswal, Ph.D.

38. Present details of departmental infrastructural Facilities with regard to

a) Library:

The Central Library and the Library of Faculty is used by the Students.
Though the department also has its own small library.

b) Internet facilities for staff and students in the Department:

Nil

c) Total number of class rooms:

02

d) Class rooms with ICT facility. :

Nil

e) Students, laboratories:

01

f) Research laboratories:

-

39. List of doctoral, post – doctoral students and
Research Associates

a) From the host institution / university:

1. Pinki Negi
2. Girish Kumar
3. Shobha Rani
4. Mamta Bhatnagar
5. Neetu Gupta
6. Farman Haider
7. Rahil Khan
8. Prithviraj Singh Chauhan
9. Veer Pal
10. Shiva Mahazabi



11. Kaptan Singh

12. KhushbuBarta

13. GeetaGangwar

b) From other institutions / universities:

Doctoral students from the host institution/university

1. Amukta Malayada

2. Anupam Sanny

40. Number of post graduate students getting financial assistance from the university.

N.A.

41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.

N.A.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedback?

Feedback is regularly taken from the faculty and students as well. As per the requirements of competitive exams (abiding by the model curriculum of ugc) curriculum is modified at time to time. For effective teaching, the teaching strategy and methods are changed according to the requirement.

b. Students on staff, curriculum and teaching–learning – evaluation and how does the Department utilize the feedback?:

The department tries to incorporate the suggestions made by the students.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:

N.A.

43. List the distinguished alumni of the department (maximum 10):

1., Dr.shobha rani, Asso. Professor, Kamlanehru College, Delhi University

2, Dr.anupamsanny, Asst. Professor Sgrr (pg) college dehradun

3, Dr.kaptan singh, Asst. Professor in Indian military academy, dehradun

4, Dr.rahil khan, H r manager, durveshgroup, Dubai

5., Dr.girish kumar pal, Asst. Professor Govt. Girls degree college, sonbhadra (up)

6, Mr.jayendra kumar, Asst. Professor, govt. College orai (sonbhadra)

7. Dr. Brijmaohanmisha, Asso. Professor, englishdeptt. Jla, Mathura

8, Dr. Khushbubatra, Asst. Professor, panipat

9, Parul singh rathi, Department of technical education, u. P. Govt. Uttar pradesh

10, Rajeev kumar, Ramswarrop University Lucknow



44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
1. Prof. K. M. Pandey, b hu, varanasi delivered a lecture on varieties of english(es) in india, may 2014
 2. Prof. Shrawan kumar sharma, head, department of english, gurukul kangri university, haridwar, delivered a lecture on “interpreting english literature in the light of indian poetics”, april 28, 2014
 3. Dr. Rahatulla khan delivered a lecture on “ how to study english” 6 june, 2012
 4. Prof. S. A. Hamid head, department of english, kumaun university, almorah, delivered a lecture on indian english literature, 30th nov, 2012
 5. Dr. Darakshan Haidri, lbs Shastri College of management and technology, Bareilly delivered a lecture on “management skill”, 29th aug. 2014.
 6. Prof. Shrawan kumar sharma, head, department of english, gurukul kangri university, haridwar, delivered a lecture on “interpreting dhvani in indian poetics”, june 2, 2015
 7. Prof. A.K. Awasthy, former head, department of english, h. S. Gaur sagar university, sagar delivered a lecture on “translation an art or science: with eference to wordsworth’ ddeffodils and coleridge’’s kubla khan”, july 20-21st, 2015
45. List the teaching methods adopted by the faculty for different programmes:
- Lecture method – to teach poetry
 - Audio visual approach –to teach fiction and drama
 - ICT – to teach critical theories
46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored?
- The department constantly interacts with the students and motivates them to prepare themselves for different competitive exams etc. Learning outcomes are evaluated on the basis of change in their personality and their confidence level. After obtaining their degrees when they are employed
47. Highlight the participation of students and faculty in extension activities.:
- Lectures delivered as resource person in refresher courses/ seminar/ conferences by Dr. Sumitra kukreti
1. Metamorphosing into rebel: journey of dalits from margin to centre, national seminar on dalit literature: past trends and present concerns, govt. P.G. College, landsdown, 4-5 oct. 2010.
 2. Female bonding and freedom from victimization in uma parmeshwaran, national conference on socio- cultural dimentions of indian diaspora, organized by bareilly college bareilly, 17-18 feb, 2011



3. Teaching of English as a second language, department of English, hnb. P.G.College, khatima, 10-11 march, 2011
 4. functional language and the role of english teachers, hnb pg college, beesalpur
 5. Emergence of indian english women novelists, special lecture delivered in department of english , a m u, aligarh , 14-11-2011
 6. Time paradox in T S Eliot, refresher course in a mu, aligarh 15-11-2011
 7. Indian women novelist, refresher course in a mu, 15-11-2011
 8. Teaching english to the underprivileged, national seminar on language pedagogy for the underprivileged, organised by centre for language studies, teerthankarmahaveer university, moradabad, nov.2-3, 2012
 9. Perception of indian women across two generations of indian women novelists, 3rd refresher course in comparative literature , organized by ugc academic staff college, bhu, sep 04-24, 2013
 10. The road ahead : new women in manju kapoor and namitagokhle , 3rd refresher course in comparative literature , organized by ugc academic staff college, bhu, sep 04-24, 2013
 11. Women as environmental crusader in garhwal himalaya, organized by department of english, jai narayan vyas university, jodhpur, 13-14 march, 2014
 12. Feminist discourse : journey from suffrage to empowerment, refresher course in english, kumaun university, nainital, 28 nov., 2014
 13. Perception of indian women across two generations of women novelists, refresher course in english, kumaun university, nainital, 28 nov., 2014
 14. Promoting ict competencies in teachers for enhancing quality of higher education, 11th alumni meet and one day seminar on professional development of teachers, 25 feb., 2015 organised by alumni association, department of education (b.ed./ m.ed.), mjp rohilkhand university, bareilly
 15. Curse and boon in mahabharata, national seminar on rethinking mahabharat: contemporary contexts and texts, organized by department of english, mohanlalsukhadia university, udaipur, 16-17 march, 2015
 16. Glass ceiling is cracking but intact : women in the corporate world, national conference on emergence of a new empowered woman in contemporary indian scenario, organized by centre for women's studies , jai narayan vyas university, jodhpur, 13-14 march, 2015.
48. Give details of “beyond syllabus scholarly activities” of the department
- Paper presentation at national and international conferences
 - Delivering lectures at refresher courses, colleges and universities
 - Organising resource lecture for the students
- The Department conducts:
- (i) Oral and written quiz based on the syllabus of competitive examinations
 - (ii) Poetry writing competition
 - (iii) Alumni meet

49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:

No

50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied:

The department has been making continuous, rigorous and conscious efforts to increase the basic knowledge of students about the discipline it also motivates them to analyse literature in logical manner and develop the subject competence that enables to secure employment and to raise confidence of students by providing them opportunities and exposure to participate in class seminars and group discussions which are conducted regularly. We have found that high confidence and good self-perception is positively correlated with students' achievement in life. Therefore improving the same is the basic aim of the department.

51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:

Strengths

- i. The syllabus contains most of the component of NET/SLET.
- ii. Professional communication component along with literature incorporated in the syllabus makes the students better equipped in the language.
- iii. Continuously engaged in research based activities.
- iv. Personal guidance and counselling to students
- v. The dedication of teachers and the team spirit among teachers and students.
- vi. Abiding by the academic calendar

Weaknesses

- i. Lack of permanent teachers
- ii. Lack of digital language laboratory
- iii. No control over intake of students.
- iv. Lack of internet facility.
- v. Lack of undergraduate programme in English in the university campus.
- vi. Lack of departmental library

Opportunities

- i. To produce personnel who are highly motivated and skilled in English literature and language as well.
- ii. Ii. Students may join corporate sectors jobs as well as get engaged in teaching in colleges and universities.
- iii. Constant exposure, to the students become better equipped with the language.



- iv. The department has been constantly following the principle of social engineering as it provides extra care to the students belonging to poor and downtrodden sector of society.
- v. V. The students would carry forward the zeal and passion towards the discipline wherever they go.

Challenges

The greatest challenge that the department has to face is the input that we receive in the form of students as large number of them belong to poor socio economic and educational background. The department has to work continuously to push them at par with the above average and bright students.

52. Future plans of the Department:

- In future the department plans to introduce :
- M. Phil. in English*
- Diploma in Communicative English*
- Diploma in Translation

*The syllabus for these courses have been approved by board of studies, faculty board, academic council and executive council of the university.



Department of Applied & Clinical Psychology

1. Name of the Department:
[Applied and Clinical Psychology](#)
2. Year of establishment:
[1995](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[P.G.](#)
5. Interdisciplinary Programmes and Departments involved.
[Teachers and Students participate in seminars, conferences and workshops organized by other departments such as Education, Applied Social Science and Philosophy.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[Collaboration with Mental Hospital Bareilly for practical work of the course.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments.
[N.A.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	01	-	-
Asstt. Professor	06	01	01
Others (Guest Faculty)	03	03	03



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. A. K. Singh	Ph. D	Asstt. Professor	Cognitive Psychology And Mental Testing	10 yrs	Nil
Dr. Poonam Singh	Ph. D	Guest Faculty	Clinical Psychology	14 yrs	Nil
Dr. Sharmistha Singh	Ph. D	Guest Faculty	Social Psychology	05 yrs	Nil
Ms. Nira Singh	M. A., NET	Guest Faculty	Clinical Psychology	02 yrs	Nil

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
N.A.
13. Percentage of classes taken by temporary Faculty Program – information:
60%
14. Program-wise Student Teacher Ratio:
M.A. 10:1
Ph.D 1:6
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
Nil
16. Research thrust areas as recognized by major funding agencies:
Nil
17. Number of faculties with ongoing projects from
- National
 - International funding agencies and
 - Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:
National funding agency: -
Total grant received : -
Name of the funding agency: -
Project title : -
18. Inter-institutional collaborative projects and associated grants received.
- National collaboration : - Nil
 - International collaboration : Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
None
20. Research faculty / centre with

* State recognition:	-	Nil
* National recognition:	-	Nil
* International recognition:	-	Nil
21. Special research laboratories sponsored by / Created by industry or corporate bodies:
N.A.
22. Publications:

* Number of papers published in peer reviewed journals (national / international):	05
Papers Published National Journals	05
Papers Published International Journals	Nil

List of papers published in journals

Dr. A. K. Singh

- i. Kukreti, V. T. and Singh, A. K. (2010). An Overview of Narcissism. Social Science Gazetteer Journal of the Indian Social Science Association, Vol.5, No.2, pp 115-120. ISSN No. 0975-7511.
- ii. Kukreti, V. T., Singh, P. and Singh, A. K (2012). An Exploration into the Level of Personality Organisation of Nail Biting Children. Indian Journal of Psychology and Education, Vol. 2, No. 2, pp 33-40. ISSN No. 2231-1432

Dr. Poonam Singh

- iii. Yadav, S. and Singh P. (2010). A Comparative Study of Empathy in Schizophrenics and Normal Males and Females. Indian Journal of Community Psychology, 6(2), p.p. 247-253. ISSN-0974-2719
- iv. Kukreti, V. T., Singh, P. and Singh, A. K (2012). An Exploration into the Level of Personality Organisation of Nail Biting Children. Indian Journal of Psychology and Education, Vol. 2, No. 2, pp 33-40. ISSN No. 2231-1432
- v. Singh, P. (2012). A Study of Separation-Individuation and Mutuality of Autonomy in Narcotic and Alcohol Dependents. Indian Journal of Community Psychology, 8(2), p.p. 372-380. ISSN-0974-2719

- | | |
|---|-----|
| * Monographs: | Nil |
| * Chapter in Books: | - |
| * Edited Books: | - |
| * Books with ISBN with details of publishers: | - |



- * Number listed in International Database (For e.g. Nil
Web of Science, Scopus, Humanities International
Complete, Dare Database-International Social
Science Directory, EBSCO host, etc.):
 - * Citation index – range / average: -
 - * SNIP: Nil
 - * SJR: Nil
 - * Impact Factor – range / average: -
 - * h-index: -
23. Details of patents and income generated:
Nil
24. Areas of consultancy and income generated:
Psychological Testing such as I.Q. and personality assessment has been
provided to the patients referred by Mental Hospital, Bareilly, without revenue..
25. Faculty selected nationally / internationally to visit other laboratories /
institutions / industries in India and abroad:
NIL
26. Faculty serving in
a) National committees b) International committees c) Editorial Boards
d) Any other (please specify):
Board of Studies
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation
programs, workshops, training programs and similar programs).
Details of the workshops attended by faculty members:
Dr. A. K. Singh
i. Refresher Course in 'Psychology', 25/06/2010 to 15/07/2010, UGC-
Academic Staff College, Kumaun University, Nainital.
ii. Refresher Course in the subject "Research Methodology in Social
Sciences" 11/11/2013 to 01/12/2013, UGC-Academic Staff College,
Kumaun University, Nainital.
28. Student projects
- * Percentage of students who have done in-house projects
including inter-departmental projects:
N.A.
 - * Percentage of students doing projects in collaboration with other
universities / industry / institute:
N.A.

29. Awards/ recognitions received at the national and international level by
- Faculty: -
 - Doctoral / post doctoral fellows: -
 - Students: -
30. Seminars/conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.
Nil
31. Code of ethics for research followed by the departments.
Objectivity, Honesty, Confidentiality, Integrity, Carefulness, Openness, Responsible Publication, Responsible Mentoring, Respect for Colleagues and Social Responsibility.
32. Student profile program- wise:
(Admissions on entrance test merit basis)

Name of the Course (refer to question no. 4)		Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
Session 2010-11	I yr	48	10	30	50%	63.33%
	II yr		02	13	100%	100%
Session 2011-12	I yr	44	03	23	66.66%	78.26%
	II yr		05	20	100%	95%
Session 2012-13	I yr	73	02	38	100%	89.4%
	II yr		02	17	100%	94.11%
Session 2013-14	I yr	41	10	12	80%	100%
	II yr		02	33	50%	93.93%
Session 2014-15	I yr	58	05	27		
	II yr		08	13		

33. Diversity of students:

Name of the Course (refer to question no. 4)			% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M. A. (Applied And Clinical Psychology)	Session 2010-11	I yr	85%	12.5%	2.5%	---
		II yr	73.33%	20%	6.67%	---
	Session 2011-12	I yr	92.31%	----	7.69%	---
		II yr	80%	20%	----	---
	Session 2012-13	I yr	95%	5%	----	---
		II yr	89.47%	---	10.53%	---
	Session 2013-14	I yr	95.45%	4.55%	---	---
		II yr	94.29%	5.71%	---	---
	Session 2014-15	I yr	84.38%	15.62%	---	---
		II yr	95.24%	4.76%	---	---



34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category – wise:

- 01 Student has passed NET examination.
- 03 Students have passed Ph. D entrance exam.
- 04 Students have cleared M. Phil entrance exam.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M. Phil.	--
PG to Ph.D.	Under Process
PG to Ph.D. to Post-Doctoral	--
Employed	15%
▪ Campus selection	
▪ Other than campus recruitment	
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	-
From other universities within the State	100%
From universities from other State from	-
Universities outside the country	-

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period: 01

Dr Poonam Singh, Ph.D.

38. Present details of departmental infrastructural Facilities with regard to

- a) Library:

Department Library is Available

- b) Internet facilities for staff and students in the Department:

Yes

- c) Total number of class rooms:

02

- d) Class rooms with ICT facility. :

Sharing with smart class room

- e) Students, laboratories:

Psychology Lab is available in the Department

- f) Research laboratories:

-



39. List of doctoral, post – doctoral students and Research Associates
- a) From the host institution / university:
N.A.
- b) From other institutions / universities:
Doctoral students from the host institution/university
40. Number of post graduate students getting financial assistance from the university:
Nil
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
N.A.
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedback?
Yes with intensive discussion
- b. Students on staff, curriculum and teaching-learning – evaluation and how does the Department utilize the feedback?:
Yes with intensive discussion
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:
Yes, their ideas are concretized
43. List the distinguished alumni of the department (maximum 10):
- Sudhanshu Mishra
 - Smita Saxena
 - Poonam Singh
 - Rekha Gautam
 - Vallari Thapliyal
 - Seema Rani Sarraf
 - Atul Kumar
 - Shailesh Kumar
 - Vivek Kumar
 - Lieutenant Col. Himanshu Rai
44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
Nil
45. List the teaching methods adopted by the faculty for different programmes:
- Lecture Method.



- Seminar/Presentations- a compulsory ingredient of the course work.
 - Research supported teaching by teachers.
 - Teaching oriented towards emerging research aptitude and skills among students.
46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored.:
- Syllabus is discussed in Board of Studies with external experts.
47. Highlight the participation of students and faculty in extension activities.:
- Students and staff participate in different activities such as Alzheimer's day, Mental Health week and Mental Health day arranged by Mental Hospital Bareilly.
48. Give details of "beyond syllabus scholarly activities" of the department
- Students and staff participate in cultural and sport activities of the University.
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
- N.A.
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied.:
- Students were trained for psychological services such as I.Q. and Personality testing as well as therapeutic intervention.
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:
- Strengths
- Students are serving in various government and non government organization as teachers, psychologists and counselors.
 - Eleven students have qualified UGC NET examination.
 - Many of students of this department have qualified the entrance of reputed institutions like NIMHANS (02) Bangalore, CIP (08) Ranchi, IHBAS (01) New Delhi, JNU (01) New Delhi, AMITY (01) Noida, AMITY (02) Jaipur, GBTU (01) Noida and CRET (03) Faizabad for their M. Phil and Ph. D. Programs.
 - Psychodiagnostic services have been provided to the psychiatric patients referred by Mental Hospital Bareilly, without revenue.
 - Psychotherapeutic intervention provided to the indoor patients of Mental Hospital, Bareilly for their problems.
- Weaknesses
- At present there is only one permanent and 03 guest faculties teaching the course.



- Department requires all the learning resources like Computer, Projector, Psychological Tests and Apparatus, Advanced Books and Online Journals.
- Department requires Teaching and non teaching staff for smooth functioning of the course.
- Infrastructure such as building, furniture and fixture are required to strengthen the department independently.
- The department lacks mutual exchange of expertise from other institution.

Opportunities

- The pass out students of this course may be engaged:
- As psychologist in hospitals, rehabilitation centre and educational institutions.
- As teacher in Government and non government institutions.
- As research fellow in different research projects.
- As consultant in the area of educational and vocational guidance.
- As technician in psychological laboratory.

Challenges

- Research activities should be initiated for career advancement of teacher and students.
- Permanent teachers and non teaching staff should be appointed for the development of the department.
- Teaching learning materials should be arranged for proper functioning of the course.
- Advanced Internet facilities are required for enriched course/ research material.
- All hospitals should accept the degree holders with the knowledge of Applied and Clinical Psychology

52. Future plans of the Department:

Department has planned to start following programmes:

- (i) M. Phil
- (ii) Ph. D.
- (iii) P. G. Diploma in Psychotherapy and Counselling.



Department of Applied Social Science

1. Name of the Department:
[Applied Social Science](#)
2. Year of establishment:
[1995](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[P.G. \(M.S.W.\)](#)
5. Interdisciplinary Programmes and Departments involved:
[M. S. W. is itself interdesiplinary course, having inputs and Refrences from other social science & Humanities.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any,wi th reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the coursesoffered by other Departments.
[N.A.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	-
Associate Professor	02	-	-
Asst. Professor	04	01	01

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Ajay Trivedi	M S W, M.Phil, Ph.D.	Astt. Professor	Social Work	17	Nil

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
Nil.
13. Percentage of classes taken by temporary Faculty Program – information:
75%
14. Program-wise Student Teacher Ratio:
1:16
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
01
16. Research thrust areas as recognized by major funding agencies:
NA
17. Number of faculties with ongoing projects from
- National
 - International funding agencies and
 - Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

National funding agency	:	-
Total grant received	:	-
Name of the funding agency	:	-
Project title	:	-
18. Inter-institutional collaborative projects and associated grants received.
- National collaboration : -
 - International collaboration : -
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
None
20. Research faculty / centre with
- State recognition: -



- National recognition: -
 - International recognition: -
21. Special research laboratories sponsored by / Created by industry or corporate bodies:
N.A.
22. Publications:
- * Number of papers published in peer reviewed journals (national / international):
 - * Papers Published National Journals 01
 - * Papers Published International Journals 02
 - “FUSION” – ISSN 2231-2005 (International Journal)
 - “Samaj Vaigyaniki”- ISSN 0973-4201 MPIN 18833/12/2004TC (National Journal)
 - “Social Science Gazzetier” (National Journal)
 - Field Practicum : A study of methods, practices and pattern in social work education system -2013
 - * Monographs: Nil
 - * Chapter in Books: -
 - * Edited Books: -
 - * Books with ISBN with details of publishers: -
 - * Number listed in International Database(For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database–International Social Science Directory, EBSCO host, etc.): Nil
 - * Citation index – range / average: -
 - * SNIP: Nil
 - * SJR: Nil
 - * Impact Factor – range / average: -
 - * h-index: -
23. Details of patents and income generated:
Nil
24. Areas of consultancy and income generated:
NA
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
NIL

26. Faculty serving in
 a) National committees b) International committees c) Editorial Boards
 d) Any other (please specify):
 Editorial Boards: Dr Ajay Trivedi of 03 journals,
 Intenational: 01 & National: 02
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
 Details of the workshops attended by faculty members:
 N.A.
28. Student projects
- Percentage of students who have done in-house projects including inter-departmental projects:
 15
 - Percentage of students doing projects incollaboration with other universities /industry /institute:
 N.A.
29. Awards/ recognitions received at the national and international level by
- Faculty: -
 - Doctoral / post doctoral fellows: 1
 - Students: -
30. Seminars/conferences/Workshopsorganized and the source of funding (national / international) with details of outstanding participants, if any.
 Nil
31. Code of ethics for research followed by the departments.
 N.A.
32. Student profile program- wise: (admissions on entrance test merit basis)

Name of the Programme (refer to uestion no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-11	300	15	21	100%	100%
2011-12	259	26	10	100%	100%
2012-13	195	24	16	100%	100%
2013-14	205	32	18	100%	100%
2014-15	180	27	13	100%	100%



33. Diversity of students:

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2010-11	83.3%	5.5%	11.1%	0%
2011-12	83.3%	11.1%	5.5%	0%
2012-13	90%	10%	0%	0%
2013-14	87.5%	7.5%	5%	0%
2014-15	90%	7.5%	2.5%	0%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category – wise:

NET- 05

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M. Phil.	--
PG to Ph.D.	--
PG to Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	--
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	03
From other universities within the State	01
From universities from other State from	02
Universities outside the country	00

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:

Ph.D. -01, M. Phil-02



38. Present details of departmental infrastructural Facilities with regard to
- a) Library:
Department Library is Available
 - b) Internet facilities for staff and students in the Department:
Yes
 - c) Total number of class rooms:
02
 - d) Class rooms with ICT facility. :
Nil
 - e) Students, laboratories:
Psychological lab is available in the Department
 - f) Research laboratories: -
39. List of doctoral, post – doctoral students and Research Associates
- a) From the host institution / university:
N.A.
 - b) From other institutions / universities:
Doctoral students from the host institution/university
-
40. Number of post graduate students getting financial assistance from the university:
Nil
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
N.A.
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedback?
Yes with intensive discussion
 - b. Students on staff, curriculum and teaching-learning – evaluation and how does the Department utilize the feedback?:
Yes with intensive discussion
 - c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:
Yes, their ideas are concretized
43. List the distinguished alumni of the department (maximum 10):
44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
03



45. List the teaching methods adopted by the faculty for different programmes:
Lectures fields visit, tutorials, conferences, Games and role plays.
46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored:
Observing instruction given in the syllabus and in model curriculum of the UGC
47. Highlight the participation of students and faculty in extension activities:
Supervised field work is prescribed in all the four semester of the M.S.W.
48. Give details of “beyond syllabus scholarly activities” of the department
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
N.A.
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied.
The department is preparing skilled man power in the field of social work.
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:
Strengths:
 - i. Proper Classes
 - ii. Extra Time for Motivational classes
 - iii. Proper Field work to generate new Knowledge
 - iv. We provide guidance for student for preparation of UGC NET Exam
 - v. Good Cooperation and coordination among the facultiesWeakness:
 - i. Lack of adequate faculty,
 - ii. Self Financed Course,
 - iii. Lack of coordination with other departments,
 - iv. Lack of placement cell
 - v. Lack of Financial SupportOpportunities:
 - i. Conduct Annual Seminar
 - ii. Can conduct doctoral programmes in Social work
 - iii. M.Phil.
 - iv. Can provide better education with ICT(if instruments provided)
 - v. We can introduce more specialization in MSW



Challenges:

- i. Lack of awareness about this subject
- ii. Placement
- iii. Private institutions provide better facilities
- iv. Industries and agencies not provide proper field work opportunities
- v. Lack of Transportation facilities for field work.

52. Future plans of the Department:

Department has planned to start following programmes

- (i) M. Phil programme in social work
- (ii) Ph. D.
- (iii) To develop smart classes.



Department of Mass Media Education

1. Name of the Department:
[Mass Media Education](#)
2. Year of establishment:
[1997](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[P.G. Diploma in Mass Communication & Electronic Journalism](#)
5. Interdisciplinary Programmes and Departments involved:
[--](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[--](#)
7. Details of programmes discontinued, if any, with reasons.
[None](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments.
[--](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	-
Associate Professor	02	-	-
Asst. Professor	04	01	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Gopal Singh (On leave)	Ph.D.	Asstt. Professor	Print Media	10	Nil

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
No
13. Percentage of classes taken by temporary Faculty Program – information:
95%
14. Program-wise Student Teacher Ratio:
1:14
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
00
16. Research thrust areas as recognized by major funding agencies:
NA
17. Number of faculties with ongoing projects from
- National
 - International funding agencies and
 - Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

National funding agency	:	-
Total grant received	:	-
Name of the funding agency	:	-
Project title	:	-
18. Inter-institutional collaborative projects and associated grants received.
- National collaboration : -
 - International collaboration : -
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
None
20. Research faculty / centre with
- State recognition: -



- National recognition: -
 - International recognition: -
21. Special research laboratories sponsored by / Created by industry or corporate bodies:
N.A.
22. Publications:
- * Number of papers published in peer reviewed journals (national / international):
 - * Papers Published National Journals -
 - * Papers Published International Journals -
 - * Monographs: Nil
 - * Chapter in Books: -
 - * Edited Books: -
 - * Books with ISBN with details of publishers: -
 - * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Science Directory, EBSCO host, etc.): Nil
 - * Citation index – range / average: -
 - * SNIP: Nil
 - * SJR: Nil
 - * Impact Factor – range / average: -
 - * h-index: -
23. Details of patents and income generated:
Nil
24. Areas of consultancy and income generated:
NA
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
NIL
26. Faculty serving in
- a) National committees
 - b) International committees
 - c) Editorial Boards
 - d) Any other (please specify):
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Details of the workshops attended by faculty members:

N.A.

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects:

15

- Percentage of students doing projects in collaboration with other universities / industry / institute:

N.A.

29. Awards/ recognitions received at the national and international level by

- Faculty: -
- Doctoral / post doctoral fellows: -
- Students: -

30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Nil

31. Code of ethics for research followed by the departments.

N.A.

32. Student profile program- wise: (admissions on entrance test merit basis)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-11	80	28	10	100%	100%
2011-12	89	15	07	100%	100%
2012-13	40	11	01	100%	100%
2013-14	30	08	04	100%	100%
2014-15	35	13	3	100%	100%

33. Diversity of students:

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2010-11	82.3%	6.5%	11.1%	0%
2011-12	80.3%	14.1%	5.5%	0%
2012-13	89%	11%	0%	0%
2013-14	90.5%	5.5%	4%	0%
2014-15	90%	5.5%	4.5%	0%



34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category – wise:

NET- 03

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M. Phil.	--
PG to Ph.D.	--
PG to Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	--
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	02
From other universities within the State	0
From universities from other State from	0
Universities outside the country	00

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:

No

38. Present details of departmental infrastructural Facilities with regard to

a) Library: Shared with faculty library

b) Internet facilities for staff and students in the Department:

01

c) Total number of class rooms:

01

d) Class rooms with ICT facility:

Nil

e) Students, laboratories:

Media Centre

f) Research laboratories:

-

39. List of doctoral, post – doctoral students and Research Associates

a) From the host institution / university:

N.A.

- b) From other institutions / universities:
Doctoral students from the host institution/university
-
40. Number of post graduate students getting financial assistance from the university:
Nil
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
N.A.
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedback? -
 - b. Students on staff, curriculum and teaching–learning – evaluation and how does the Department utilize the feedback?:-
 - c. Alumni and employers on the programmes offered and how does the department utilize the feedback?: -
43. List the distinguished alumni of the department (maximum 10):
- i. Nitin kumar
 - ii. Anshuman yadav
 - iii. Shivangi jaishwal
 - iv. Ankit kumar
 - v. Neeraj anand
 - vi. Vinay singh
 - vii. Akhilesh rai
 - viii. Ravi k vaishya
 - ix. Rahul singh
 - x. Sourabh
44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
Nil
45. List the teaching methods adopted by the faculty for different programmes:
Lectures, Classroom Practical on the job training
46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored?
N.A.
47. Highlight the participation of students and faculty in extension activities:
N.A.



48. Give details of “beyond syllabus scholarly activities” of the department
Practical and on the job training
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
N.A.
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied:
Student are trained in new area of Mass communication such as new media.
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:

Strengths:

- i. Student are serving in various government and non government organization as teacher, pro and reporters.
- ii. Three student have qualified UGC NET examination.
- iii. Many of student of this department have qualified the entrance examination of Ph.d programs.
- iv. This course is one of the advance course in the field of mass comm.
- v. Students get practical knowledge of the field.

Weakness

- i. At present there is no permanent faculty for teaching the course.
- ii. Department require all the learning & practical like camera, projector, darkroom, advance books and online journals.
- iii. Department require teaching and non teaching staff for smooth functioning of the course.
- iv. Infrastructure such as building, furniture & fixture are required to strengthen the department independently.
- v. Advance equipments for media lab are required.

Opportunities

- i. As reporters in different news channels.
- ii. As teacher in government and non government institution.
- iii. As research fellow in different research project.
- iv. As public relation officers in government and non government organization.
- v. As consultant in the area of education and vocational guidance.

52. Future plans of the Department:
1. M.A. in Mass Communication
 2. Diploma in Radio Jockey
 3. Diploma in Video Editing.



Department of Applied Philosophy

1. Name of the Department:
[Applied Philosophy](#)
2. Year of establishment:
[1995](#)
3. Is the Department part of a School/Faculty of the University?
[Yes.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[M.A. Applied Philosophy, Ph.D.](#)
5. Interdisciplinary Programmes and Departments involved:
[Nil](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[Nil](#)
7. Details of programmes discontinued, if any, with reasons.
[Discontinue to New Admission in P.G.Diploma in Yoga Education from 2010 and the reason well defined by the university because without getting consent/informing of Department University itself discontinue](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester System](#)
9. Participation of the Department in the courses offered by other Departments.
[Nil](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Nil	-	-
Associate Professor	02	01	01
Asst. Professor	03	01	01



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Rajjan Kumar	M.A., Ph.D., D.Lit	Reader	Indian Philosophy and religion	25	Nil
Dr. A.K.Singh	M.A., L.L.B, D.Phil.	Sr. Lectr	Indian Philosophy	25	2

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
Nil
13. Percentage of classes taken by temporary Faculty Program – information:
No Temporary faculty
14. Program-wise Student Teacher Ratio:
2:10
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
Nil
16. Research thrust areas as recognized by major funding agencies:
Research thrust areas recognized by funding agencies Indian Philosophy and Religion, Applied Philosophy, Social Philosophy by UGC and ICPR
17. Number of faculties with ongoing projects from
- National
 - International funding agencies and
 - Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:
 National funding agency : -
 Total grant received : -
 Name of the funding agency : -
 Project title : -
 One Project- Rajjan Kumar by ICPR, New Delhi, Rs. 1 lac for 2 years



18. Inter-institutional collaborative projects and associated grants received.
a) National collaboration : -
b) International collaboration : -
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
None
20. Research faculty / centre with
▪ State recognition: -
▪ National recognition: -
▪ International recognition: -
21. Special research laboratories sponsored by / Created by industry or corporate bodies:
Nil
22. Publications:
* Number of papers published in peer reviewed journals (national / international): 15
* Monographs: Nil
* Chapter in Books: 03
* Edited Books: -
* Books with ISBN with details of publishers: Nil
* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Science Directory, EBSCO host, etc.): Nil
* Citation index - range / average: -
* SNIP: Nil
* SJR: Nil
* Impact Factor - range / average: -
* H-index: -
23. Details of patents and income generated:
Nil
24. Areas of consultancy and income generated:
NA
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
NIL



26. Faculty serving in
 a) National committees b) International committees c) Editorial Boards
 d) Any other (please specify):
 Executive Member of All India Nash Mukti Samiti, New Delhi- Rajjan Kumar
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
 Details of the workshops attended by faculty members:
 N.A.
28. Student projects
 ▪ Percentage of students who have done in-house projects including inter-departmental projects:
 Nil
 ▪ Percentage of students doing projects in collaboration with other universities / industry / institute:
 Nil
29. Awards/ recognitions received at the national and international level by
 ▪ Faculty: Nil
 ▪ Doctoral / post doctoral fellows: Nil
 ▪ Students: Nil
30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
 05
31. Code of ethics for research followed by the departments.
 N.A.
32. Student profile program- wise:
 (Admissions on entrance test merit basis)

Name of the Programme (refer to question no. 4)		Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
M. A. Applied Philosophy						
	2011-13	15	01	02	100%	100%
	2012-14	08	03	01	90%	100%
	2013-15	16	09	03	Contd	Contd
	2014-16	16	08	06	Contd	Contd

33. Diversity of students:

Name of the Course (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. Applied Philosophy	100%	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:

Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M. Phil.	--
PG to Ph.D.	--
PG to Ph.D. to Post-Doctoral	--
Employed	--
▪ Campus selection	
▪ Other than campus recruitment	
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	Nil
From other universities within the State	100%
From universities from other State from	Nil
Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:

D.Litt. - Dr. Rajjan Kumar

38. Present details of departmental infrastructural Facilities with regard to

a) Library:

Central Library

b) Internet facilities for staff and students in the Department:

Provided but not working

c) Total number of class rooms:

Nil

d) Class rooms with ICT facility. :

Nil

e) Students, laboratories:

Nil

f) Research laboratories:

Nil



39. List of doctoral, post – doctoral students and Research Associates
- a) From the host institution / university:
Dr. Atul Prasad Singh-ICPR-Post Doctoral Fellow under Rajjan Kumar
 - b) From other institutions / universities:
Doctoral students from the host institution/university
-
40. Number of post graduate students getting financial assistance from the university:
Nil
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
Nil
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedback? No
 - b. Students on staff, curriculum and teaching–learning – evaluation and how does the Department utilize the feedback?: No
 - c. Alumni and employers on the programmes offered and how does the department utilize the feedback?: No alumni association
43. List the distinguished alumni of the department (maximum 10):
- i. Brijesh Gupta
 - ii. Rashmi Gupta
 - iii. Afzal Ahmad
 - iv. Renu Varshneya
 - v. Geeta devi
 - vi. Sangeeta
 - vii. Faijal Hussain
 - viii. Suniti Kaushal
 - ix. Chnadi devi
 - x. Priyanka Gangwar
44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
04 on World Philosophy Day
45. List the teaching methods adopted by the faculty for different programmes:

46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored:
Getting feedback from the students
47. Highlight the participation of students and faculty in extension activities:
Dr. A.K.Singh- Warden, Asst. Proctor, Observer, Exam Center Coordinator, sports and other activities of the Univ, Rajjan Kumar-Head, Observer
48. Give details of “beyond syllabus scholarly activities” of the department
No as such facilities
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
No
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied:
Applied Philosophy
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:
- Strengths
The course in the name of Applied Philosophy is first among the country, course contents more or less applied in nature, Department conducted 11 workshops/seminars/lecture series sponsored by ICPR, New Delhi, Faculty of the department continue academic and research activities without getting any help from the university,
- Weakness
Faculty positions are vacant, though the courses are made as applied and professional in nature even then seats of enrolment of P.G. Students are vacant.
- Opportunities
Yoga and alike other courses may attract the students, Undergraduate Honours course be useful to popularize Philosophy in Rohilkhand region.
- Challenges
In Rohilkhand Region Philosophy is not a popular subject and the great challenge to make it popular in this region.
52. Future plans of the Department:
- a) To establish study centre through central funding agencies like –ICPR New Delhi
 - b) Certificate course in YOGA for better living
 - c) UGC-NET Coaching



Department of Applied Chemistry

1. Name of the Department:
[Applied Chemistry](#)
2. Year of establishment:
[1995\(UG\); 2004\(PG\)](#)
3. Is the Department part of a School/Faculty of the university?
[Yes](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):
[UG, PG, Ph.D.](#)
5. Interdisciplinary programmes and departments involved:
[Nil](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[Nil](#)
7. Details of programmes discontinued, if any, with reasons:
[Nil](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:
[Semester](#)
9. Participation of the department in the courses offered by other departments:
[B.Tech Programme](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	-	-
Associate Professor	2	1	1
Asst. Professor	4	4	4
Others (Guest Faculty)	3	3	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Sharad Kumar Panday	Ph.D.	Associate Professor	Organic Chemistry	19 years (Teaching) 22 Years research (after Ph.D)	02 awarded (Ph.D.)
Nivedita Srivastava	Ph.D.	Assistant Professor	Organic Chemistry	12 years (teaching) 21 Years research (after Ph.D)	02 awarded (Ph.D.)
Pramendra Kumar	Ph.D.	Assistant Professor	Organic/ Polymer Chemistry	12 years (teaching & research)	----
Sundeep Kumar	M.. Sc	Assistant Professor	Inorganic Chemistry	12 years (teaching)	----
Sushmita Gupta	Ph.D.	Assistant Professor	Inorganic Chemistry	07 years (teaching & research)	---

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

03 guest faculties in academic session 2014-15

- i. Dr. Anjali Sharma
- ii. Dr. Anil Kumar
- iii. Ms Nida Khan

13. Percentage of classes taken by temporary faculty – programme-wise information

M.Sc.: 30% B.Tech: 50%

14. Programme-wise Student Teacher Ratio

M.Sc: Approximately 15:1

B.Tech: Approximately 15:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Lab Assistant-01(Regular)

Helper-01(Regular)

Lab attendant:-04(Contractual)

16. Research thrust areas as recognized by major funding agencies

Organic Chemistry, Medicinal chemistry, and Polymer Chemistry



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the Principal Investigator	Funding Agency	Project title	Amt.	Duration	Natioanl/ International
Dr. S.K.Panday	UGC	Design and Synthesis of angiotensin converting enzyme Inhibitots as anti-hypertensives	Rs. 8.81 Lacs	July 2011- March 2015	National
Dr. P.Kumar	UGC	Microwave assisted synthesis of polymer silica composites for enzyme immobilization studies	Rs. 9.17 Lacs	April 2013- March 2016	National

18. Inter-institutional collaborative projects and associated grants received
- a) National collaboration: Nil
- b) International collaboration: Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil
20. Research facility / centre with state recognition: Nil
- National recognition: Nil
- International recognition: Nil
21. Special research laboratories sponsored by / created by industry or corporate Bodies: Nil
22. Publications:
- * Number of papers published in peer reviewed journals (national/ international): (in last five years):
20, Please see [Annexure-1](#) for details
 - * Monographs -
 - * Chapters in Books: 08
 - * Edited Books: Nil
 - * Books with ISBN with details of publishers: Nil



- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
Dr. S.K. Panday: 182 total citations
Dr. N.srivastava: 53 total citations
 - * SNIP: Range 0.4- 1.0
 - * SJR: Range 0.3- 1.5
 - * Impact Factor – range / average : 0.5-3.5
 - * h-index:
1. Dr. S.K.Pandey- 07
2. Dr. N.Srivastava-01
23. Details of patents and income generated: Nil
24. Areas of consultancy and income generated: Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
Dr. S.K.Pandey was nominated by UGC to visit Hungary under Indo-Hungarian Exchange Programme in 2011 (Not availed)
26. Faculty serving in
National committees b) International committees c) Editorial Boards d) any other (please specify)
 - Dr. S.K.Panday is Editorial Board member of Indian Journal of Drugs
 - Dr. S.K.Panday is referee for many of the International Journals such as Medicinal Chemistry Research, Journal of Heterocyclic Chemistry, Tetrahedron: Asymmetry etc.
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
One week national workshop on the topic “Recent Advances in Organic & Polymer Chemistry” sponsored by MHRD under TEQIP-II was conducted w.e.f Feb 17-22, 2014
28. Student projects
 - Percentage of students who have done in-house projects including inter-departmental projects: **100% students of M.Sc IV Semester students**
 - Percentage of students doing projects in collaboration with other universities / industry / institute: **Nil**
29. Awards / recognitions received at the national and international level by Faculty:
1. Dr. S.K.Pandey has been nominated as life member of Chemical Research Society of India, IISC, Bangalore (2014)



Doctoral / post doctoral fellows: Nil

Students: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

One week National Workshop was conducted on the topic “Recent Advances in Organic and Polymer Chemistry (RAOPC-14) w.e.f February 17-22, 2014, where 57 faculty members from various Institutions participated in the workshop.

31. Code of ethics for research followed by the departments

Each of the faculty is working in different area of chemistry for quality research output. The faculty is encouraged to publish papers only in peer reviewed Journals with average to high impact factor. This is the self regulatory ethics which is being followed by every one in the department.

32. Student profile programme-wise: Admissions are done centrally by the University)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.(2014-15)	Approximately 2000-2500	10	18	----	----
M.Sc(2013-14)	- do -	09	18	90%	100%
M.Sc.(2012-13)	- do -			90%	100%
M.Sc 2011-12)	- do -			90%	100%
M.Sc (2010-11)	- do -			90%	100%

33. Diversity of students Admissions are done centrally by the University)

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.(2014-15)	90%	10%	Nil	Nil
M.Sc(2013-14)	90%	10%	Nil	Nil
M.Sc.(2012-13)	90%	10%	Nil	Nil
M..Sc 2011-12)	90%	10%	Nil	Nil
M.Sc (2010-11)	90%	10%	Nil	Nil



34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other, competitive examinations? Give details categorywise.

In last five years (NET/GATE):

General: 10

OBC: 12

SC: 02

35. Student progression

Student progression	Percentage against enrolled
UG to PG	----
PG to M. Phil.	----
PG to Ph.D.	10%
PG to Ph.D. to Post-Doctoral	Only one student so far for PDF in USA
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	20% in 2010 (Jubilant organosys, Noida) 50%
Entrepreneurs	----

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	Nil
From other universities within the State	All
From universities from other State from	Nil
Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
01 (Dr. Pramendra Kumar)

38. Present details of departmental infrastructural facilities with regard to

- Library: Library is at the faculty level including Engineering, Science & Technology
- Internet facilities for staff and students Available
- Total number of class rooms: 02
- Class rooms with ICT facility: Nil
- Students' laboratories: 03
- Research laboratories: 04

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university: 02
- from other institutions/universities: Nil



40. Number of post graduate students getting financial assistance from the university.: Nil
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
The suggestions by the faculty are incorporated in syllabus by revision through BOS
 - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
No
 - alumni and employers on the programmes offered and how does the department utilize the feedback?
No
43. List the distinguished alumni of the department (maximum 10)
- Dr. Mukesh Gangwar
 - Dr. Jagdish Prasad
 - Dr. Sandeep Kumar Dixit
 - Dr. Chandra Saurabh Azad
 - Dr. Anil Kumar
 - Mr. Nazir Bhutto Khan
 - Ms Bhavna Yadav
 - Mr Surjeet Kumar Singh
 - Mr. Rohit Varsheney
 - Mr. Deepak Verma
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Lectures from invited speakers from premier institutions in the Department/University are being organized as student enrichment programme. The recent one is an Expert talk from Dr. Pradeep Kumar Srivastva which was organized on 8-04-2015 on the topic 'Nanotechnology: Small is beautiful and useful'
45. List the teaching methods adopted by the faculty for different programmes.
- Tradidional teaching method on Black Board/ white Board
 - through LCD projector
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- In teaching programme objectives are monitored by performance of students in examinations where excellent results are obtained by the students.



- b) In research programme objectives are monitored by the quality of publications made by the faculty.
47. Highlight the participation of students and faculty in extension activities.
Nil
48. Give details of “beyond syllabus scholarly activities” of the department.
Nil
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
-No-
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The unit of Applied Chemistry under the Faculty of Engineering & Technology was established in 1995 with the start of B. Tech. courses to cater the demand of B. Tech. students pertaining to core chemistry courses in I Year. Initially the department was established as a part of Basic Sciences for the B. Tech. program as in every Engineering Institution. However, later taking into consideration the dearth of quality PG programs in the specialized areas of chemistry, it was thought to upgrade the status of the department by initiating new PG programmes in Chemistry, specially so when there was no separate department in the campus. Based on above rational the department started a PG course namely *M. Sc. in Applied Chemistry* with specialization in Organic / Medicinal Chemistry from the session 2004-05 after the approval of UGC and state Government and from here onwards the department has been functioning independently. In short span of time the department has established itself as a premier institution both in terms of teaching and research and is well reflected by the publications in Journals with average to good impact factors. The no. of students who have qualified NET/GATE also gives an indication of standards of quality teaching from the department.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Major Strengths

- Well qualified faculty having exposure of working in premier Institutions in India as well as abroad
- Dedicated for academic works
- Actively engaged in research
- Quality teaching
- Capability to work as team

Weaknesses

- Financial constraints are making hinderance to over all academic growth
- Comparatively lesser infrastrutural facilities
- Lack of regular Lab Staff and Clerical Staff
- Lack of senior faculty specially at the level of Professor due to delay/ detainment in over due promotions



Opportunities

- i. To initiate new academic programmes like M.Tech in Polymer science
- ii. To develop Department as a premier institution in the Rohilkhand region both in terms of teaching and research

Challenges

- i. Teachers are deprived of their promotions for quite a long period and other service benefits are also not provided timely, as a result the faculty is quite discouraged and it is becoming a huge challenge to motivate and encourage faculty at present.

52. Future plans of the department.

- a. The department has proposed to start a new PG programme namely M.Tech. in Polymer Science
- b. To organize national/international seminars in chemistry
- c. To organize special lectures for post graduate students
- d. To organize awareness programmes at school/College level students



Annexure-1

List of publications:

a. In Journals:

1. Synthesis of N-[3'-(acetylthioalkanoyl)] and N-[3'-mercaptoalkanoyl]-4- α (S)-(phenylmethyl) Pyroglutamic acids and Prolines as Potent ACE Inhibitors; **Sharad Kumar Panday**, Madhu Dikshit and Dinesh Kumar Dikshit; **Medicinal Chemistry Research**, **18**, 566(2009)
2. Synthesis of 2(S), 4(S), 5(R)-1-acyl-5-arylproline-2, 4-dicarboxylic esters; **Sharad Kumar Panday**, Jagdish Prasad and Dinesh Kumar Dikshit; **Journal of Indian Chemical Society**, **86**, 1079 (2009)
- 3.. Pyroglutamic acid: A Unique Chiral Synthon: **Sharad Kumar Panday**, Jagdish Prasad and Dinesh Kumar Dikshit; **Tetrahedron: Asymmetry**, **20**, 1581-1631 (2009)
4. A Straight Forward and Facile Approach towards the N- derivatization of Pyroglutamates through Mitsunobu Reaction: Synthesis of N-alkyl/ N-acyl Pyroglutamates; **Sharad Kumar Panday**, Jagdish Prasad and Manohar Bhushan Pathak; **Synthetic Communications**, **41**, 3654-3661(2011)
5. Acid catalyzed condensation of pyroglutamic acid with arylaldehydes: Synthesis of (3R, 7aS)-3-aryldihydropyrrolo [1, 2-c] oxazol-1, 5(3H, 6H)-dione; Jagdish Prasad and **Sharad Kumar Panday**; **Indian Journal of chemistry**, **51B**, 1781-1784(2012)
6. An Efficient and Straight Forward Synthesis of (5S)-1-benzyl-5-(1H-imidazol-1-ylmethyl)-2-pyrrolidinone (MM1): A Novel antihypertensive agent; Jagdish Prasad Manohar Bhushan Pathak and **Sharad Kumar Panday**, **Med. Chem. Research**, **21** , 321-324(2012)



7. Advances in the chemistry of proline and its derivatives: an exceptional amino acid with versatile applications in asymmetric synthesis; **Sharad Kumar Panday**, *Tetrahedron: Asymmetry*, **22**, 1817-1847(2011)
8. An Efficient and Straight forward Strategy for the Synthesis of Enantiomerically pure(S)-1- Benzyl-5-((Alkyl/Aryl amino-methyl)-Pyrrolidin-2-ones; **Sharad Kumar Panday**, Manohar Bhushan Pathak and Jagdish Prasad, *Indian Journal of Chemistry*, 2015(in press)
9. Synthesis of dihydropyrimidones derivatives by Biginelli reaction in basic medium
10. Reaction of 1-Carbomethyluracil with Amino acid alkyl ester hydrochloride. **N. Srivastava** and A. Mehrotra, *Orient. J. Chem.* 31, 2015, 569-571, ISSN: 0970-020 X,
11. A Facile Synthesis of Antibacterial Norfloxacin by Microwave Irradiations, **N.Srivastava**, Anil Kumar, Arti Mehrotra, *International Journal of Chemistry*, Vol.34, Issue.2 ,1167,-1171,2013, ISSN: 2051-2732,
12. Synthesis and study of 1-ethyl-3-carbohydrazide and 3-[1-oxo-2-hydrazino-3-{p-toluenesulfon}]quinolone derivatives against bacterial infections **N.Srivastava**, Anil Kumar, Arti Mehrotra,*European Journal of Medicinal Chemistry*,2013,464-468,
13. Adsorption –Desorption Kinetics of Chlorpyrifos insecticide in mollisols” Nimisha Singh, Anjana Srivastava, Prakash C. Srivastava and **Nivedita Srivastava**, *Fresenius Journal of Environmental Contamination and Toxicology*, 20(4.), 2011,847-852,ISSN No. 1018-4619
14. Effect of Farmyard manure and its conjoint use with microbial consortium on chlorpyrifos residues in soil,plant and percolation water in cropped lysimeters” Nimisha Singh, Anjana Srivastava, Prakash C. Srivastava and **Nivedita Srivastava**, *Journal of Residuals Science &Technology*,9 (1) ,2012
15. Synthesis of substituted-4-oxo-1, 4-dihydro-3-[1-oxo-2-hydrazino-3-{p-toluenesulfon}]quinoline Derivatives and their Biological Activity Against Bacterial Infections **N. Srivastava** and A. Kumar, *Orient. J. Chem.* 29, 2013, 507-511, ISSN: 0970-020 X,
16. Efficacy of four microbial cultures in Dissipation of Chlorpyrifos in Mollisols” Nimisha Singh, Anjana Srivastava ,P.C.Srivastava ,**Nivedita Srivastava** , *Asian Journal of Experimental Chemistry*, 5 (1), June 2010, 36-39, ISSN No. 0973-4783 , *International refereed research Journal*.
17. V. Singh, S.K. Singh, S. Pandey, **P. Kumar**, Sol-gel synthesis and characterization of adsorbent and photoluminescent nanocomposites of starch and silica, *Journal of NonCrystalline Solids* 357 (2011) 194-201.
18. Vandana Singh and **Pramendra Kumar**, Carboxymethyl tamarind gum–silica nanohybrids for effective immobilization of amylase, *Journal of Molecular Catalysis B: Enzymatic* 70 (2011) 67-73.
19. Vandana Singh and **Pramendra Kumar**, Design of nanostructured tamarind seed kernel polysaccharide-silica hybrids for mercury (II) removal, *Separation Science and Technology*, 46 (2011) 825-838 [IF-2.54].



20. V. Singh, **P. Kumar**, R. Sanghi, Use of microwave irradiation in the grafting modification of the polysaccharides – A review, Progress in polymer science, (2011)

b. Invited Book Chapters:

1. Angiotensin converting enzyme inhibitors: A class of potent antihypertensive agents; **Sharad Kumar Panday**, Jagdish Prasad and Manohar Bhushan Pathak; Advances in Medicine and Biology: Vol. 5 (ISBN: 978-1-60456-557-7) (ISBN: 978-1-60456-557-7) (Published on line in March 2011, Nova Science publishers, USA).
2. Pyroglutamic acid and its derivatives: Important precursors for natural Products as well as Bioactive molecules; Sharad Kumar Panday National Symposium on Advancements & Futuristic Trends in Material Science (AFTMS-2011) held in April 2011 at M.J.P. Rohilkhand University, Bareilly: Invited full chapter (ISBN: 978-81-8424-706-0)
3. Angiotensin converting enzyme inhibitors: A class of potent antihypertensive agents; **Sharad Kumar Panday**, Jagdish Prasad and Manohar Bhushan Pathak; BioChemistry research updates (2012); **ISBN:** 978-1-61209-700-8, Nova Science publishers, USA).
4. Potential of Amendments in Reducing Leaching of Chlorpyrifos to Groundwater , A.Srivastava, N.Singh , P.C.Srivastava, **N.Srivastava**, Book chapter in 2011, 403, in van Bochove, E, P.A. Vanrolleghem, P.A. Chambers, G. Thériault, B. Novotná and M.R. Burkart (eds.), 2011. Issues and Solutions to Diffuse Pollution: Selected Papers from the 14th International Conference of the International Water Association Diffuse Pollution Specialist Group, DIPCON 2010. Conférence sur la pollution diffuse 2010 inc., Québec, Québec, Canada. 495 pages.
5. Microwave Induced Organic Synthesis of Intermediate of Quinolones , **N.Srivastava**, Anil Kumar, Arti Mehrotra 279-282 , 2011, Book chapter in Advancements and Futuristic Trends in Material Science , Editors M.Saleem Khan and Archana Gupta Allied Publishers Pvt. Ltd. India , ISBN No. 978-81-8424-706-0.
6. Peptide Nucleic Acid: Preparation of Thymine Nucleobase by Microwave, **N.Srivastava**, Arti Mehrotra, Anil Kumar , 401-405, 2011, Book chapter in National Advancements and Futuristic Trends in Material Science , Editors M.Saleem Khan and Archana Gupta, Allied Publishers Pvt. Ltd. India , ISBN No. 978-81-8424-706-0
7. Vandana Singh & **Pramendra Kumar**, Polysaccharide-silica nanocomposites: Synthesis, Characterization and potential applications. Recent Developments in BioNanocomposites for Biomedical Applications, Pub. Date: 2010, 4th quarter, ISBN: 978-1-61761-513-9, Nova Publishers, New York, USA
8. Vandana Singh & **Pramendra Kumar**, Cassia Seed Gums: A renewable reservoir for synthesizing high performance materials for water remediation, Handbook of Biopolymers and Their Applications, Wiley-Scrivener ISBN: 978-0-47063-923-8, USA, Publish date-15/08/2011.



Department of Applied Physics

1. Name of the Department:
[Applied Physics](#)
2. Year of establishment:
[2004](#)
3. Is the Department part of a School/Faculty of the university?
[Faculty of the University](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):
[UG \(B.Tech.\), PG \(M. Sc. Applied Physics\), Ph.D.](#)
5. Interdisciplinary programmes and departments involved:
[NA](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[NA](#)
7. Details of programmes discontinued, if any, with reasons: [NA](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:
[Semester System](#)
9. Participation of the department in the courses offered by other departments
[B.Tech. courses of EC, EI, EE, CSIT, ME and CH departments](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	--	--
Associate Professors	02	01	03
Asst. Professors	04	02	--
Others	--	--	--



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Archana Gupta	M.Sc., Ph.D.	Associate Professor & Head	Condensed Matter Physics	24 years	03
Dr. Mohd. Saleem Khan	M.Sc., Ph.D.	Associate Professor	High energy Physics Experimental	21 years	01
Dr. Sudhir Kumar	M.Sc., D.Phil.	Associate Professor	Condensed Matter Theory	22 Years Teaching 26 Years Research	02

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
There are six Guest Faculties in the Applied Physics Department

1. Ms. Megha Agrawal
2. Mr. Rajesh Kumar
3. Mr. Amit Kumar
4. Mr. Rajat Saxena
5. Ms. Somya Saxena
6. Mr. Mohd. Saleem

In addition to these Prof. P. N. Ram (retired) is invited to deliver lectures.

13. Percentage of classes taken by temporary faculty – programme-wise information

M. Sc. (Applied Physics)	60%
B. Tech. (All Banches) Engineering Physics	60%

14. Programme-wise Student Teacher Ratio

M.Sc.	6:1
B.Tech.	40:1

15. Number of academic support staff (technical) and administrative staff:

Sanctioned, filled and actual-

No. of academic support staff (technical)	01 (lab technician)
No. of administrative staff	01 (class IV employee)

16. Research thrust areas as recognized by major funding agencies

High energy Physics

Vibrational Spectroscopy

Computational Physics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Project	Sponsoring Agency	Amt.	Duration	Current Status
Electronic and optical properties of chalcopyrite compounds: An ab-initio study	DST	14.2 Lacs	3 Years (2009-12)	Completed
Optical properties of N-based semiconductors and its alloys	DRDO	22.44 Lacs	3 Years (2010-13)	Completed
Electronic and optical properties of transparent conducting oxides (TCO) and it alloys: An Ab-initio Study	DST	34.14 Lacs	3 Years (2014-17)	Continue
Quantum chemical calculations on the molecular structure and spectroscopic studies of some biomolecules	UGC	11.21 Lacs	3 Years (2012-15)	Continue

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration 1. NPL, New Delhi

b) International collaboration

1. Otto Von Guericke University, Magdeburg, Germany
2. Julius Maximilian Universität, Würzburg, Germany
3. University of Reading, UK
4. Uppsala University, Sweden

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received **81.99 Lacs**

- “Electronic and optical properties of chalcopyrite compounds: An ab-initio study” 3 Years (2009-12), completed
Agency- DST
Amount- Rs. 14.2 Lacs
- “Optical properties of N-based semiconductors and its alloys” 3 Years (2010-13), completed
Agency- DRDO
Amount- Rs. 22.44 Lacs
- “Electronic and optical properties of transparent conducting oxides (TCO) and it alloys: An Ab-initio Study” 3 Years (2014-17), continue
Agency- DST
Amount- Rs. 34.14 Lacs



- “Quantum chemical calculations on the molecular structure and spectroscopic studies of some biomolecules” 3 Years (2012-15), continue

Agency- UGC

Amount- Rs. 11.21 Lacs

20. Research facility / centre with

- * state recognition NA
- * national recognition NA
- * international recognition NA

21. Special research laboratories sponsored by / created by industry or corporate Bodies NA

22. Publications:

- * Number of papers published in peer reviewed journals (national/international)

Paper published in National Journals –

Paper published in International Journals 26

List of Published Papers in journals

1. **Phonon Dispersion and Heat Capacity of Polydichlorobutadiene**
A.Gupta, N. Choudhary, S. Bee, P. Tandon & V. D. Gupta *Polymer Science, Ser. A*, 2010, 52 (10), 1057–1065.
2. **Vibrational Dynamics and Heat Capacity of Polychloroprene**
Archana Gupta, Parag Agarwal, Neetu Choudhary, Poonam Tandon & V. D.Gupta *J. Appl. Poly. Sci.*, Vol 121, Issue 1, pages 186–195, 2011
3. **Phonon dispersion and specific heat in trans 1,4, poly (2,3-dimethylbutadiene)**
Archana Gupta, Saba Bee, Parag Agarwal, Poonam Tandon & V. D. Gupta *J. Mater Sci.*, Volume 46, Number 10, 2011, 3452-3463(12).
4. **Heat Capacity and Phonon Dispersion in Polyvinylidene Fluoride (β -form)**
A Gupta, P Agarwal, S Bee, P Tandon & V D Gupta *Polymer Science, Ser. A*, Vol. 53, No. 5, (2011) 375–384.
5. **Molecular Structure, Vibrational Spectroscopic, NBO and HOMO-LUMO Studies of 2 Amino 6-Bromo 3-Formylchromone**
Archana Gupta, Saba Bee, Neetu Choudhary, Soni Mishra & Poonam Tandon *Molecular Simulation* 38 (7) (2012) 567-581
6. **Heat Capacity and Phonon Dispersion in Polyselenophene in Relation to the Spectra of Oligoselenophenes**
Archana Gupta, Neetu Choudhary, Parag Agarwal Poonam Tandon & V. D. Gupta *Synthetic Metals* 162 (2012) 314-325
7. **Density functional theory studies on the structure, spectra (FT-IR, FT-Raman and UV) and first order molecular hyperpolarizability of 2-Hydroxy-3-Methoxy-N-(2-Chloro-Benzyl)-Benzaldehyde-Imine: Comparison to experimental data**
Parag Agarwal, Neetu Choudhary, Archana Gupta and Poonam Tandon

- Vibrational Spectroscopy* 64 (2013) 134–147
8. **Comparative Vibrational Spectroscopic Studies, HOMO-LUMO and NBO analysis of N-(phenyl) -2, 2- dichloroacetamide, N-(2-chloro phenyl) -2, 2- dichloroacetamide and N-(4-chloro phenyl) - 2, 2- dichloroacetamide based on Density Functional Theory**
Neetu Choudhary, Saba Bee, Archana Gupta & Poonam Tandon
Computational & Theoretical Chemistry 1016 (2013) 8–21
 9. **Use of Vibrational Spectroscopy to study 2-[4-N-dodecacylamino) phenyl]-5-(4- nitrophenyl)-1, 3, 4 - oxadiazole: A combined Theoretical and Experimental Approach**
Saba Bee, Parag Agarwal, Archana Gupta & Poonam Tandon
Spectrochim Acta Part A: Mol and Biomol Spec 114 (2013) 236–255
 10. **Molecular Structure and Vibrational Spectra of N-acetylglycine Oligomers and Polyglycine I using DFT approach**
Saba Bee, Neetu Choudhary, Archana Gupta & Poonam Tandon
Biopolymers (2014) Doi: 10.1002/bip.22458
 11. **Quantum Chemical Calculations of Conformation, Vibrational Spectroscopic, Electronic, NBO and Thermodynamic Properties of N-(2, 3-dichlorophenyl)-2, 2-dichloroacetamide and N-(2, 4-dichlorophenyl)-2, 2- dichloroacetamide**
Neetu Choudhary, Parag Agarwal, Archana Gupta & Poonam Tandon
Computational & Theoretical Chemistry (2014) Doi:10.1016/ j.comptc. 2014.01.011
 12. **Quantum chemical study on influence of intermolecular hydrogen bonding on the geometry, the atomic charges and the vibrational dynamics of 2, 6 – dichloro benzonitrile**
Parag Agarwal, Saba Bee, Archana Gupta, Poonam Tandon, V. K. Rastogi, Soni Mishra and Poonam Rawat
Spectrochim Acta Part A: Mol and Biomol Spec 121 (2014) 464–482
 13. **Experimental and theoretical (FT-IR, FT-Raman, UV-vis, NMR) spectroscopic analysis and first order hyperpolarizability studies of non-linear optical material: (2E)-3-[4-(methylsulfanyl) phenyl]-1-(4-nitrophenyl) prop-2-en-1-one using Density Functional Theory**
Amit Kumar, Vipin Deval, Poonam Tandon, Archana Gupta, E. Deepak D'silva
Spectrochim Acta Part A: Mol and Biomol Spec 130 (2014) 41–53.
 14. **Molecular structure (monomeric and dimeric) and hydrogen bonds in 5-Benzyl 2- Thiohydantoin studied by FT-IR and FT-Raman spectroscopy and DFT calculations**
Vipin Deval, Amit Kumar, Vineet Gupta, Anamika Sharma, Archana Gupta, Poonam Tandon, Ko-Ki Kunitomo
Spectrochim Acta Part A: Mol and Biomol Spec (2014)
 15. **Vibrational study, molecular properties and first-order molecular hyperpolarizability of Methyl 2-amino 5-bromobenzoate using DFT method**
Avinay Saxena, Megha Agrawal, Archana Gupta
Optical Materials, 46 (2015) 154-167.
 16. **Impact of Grey Particles Multiplicity on the Characteristics of Particle Production in 4.5 AGeV/c 12C-Nucleus Interactions.**



IOSR Journal of Applied Physics (IOSR-JAP), Vol.7 Issue 2, Ver II, PP 54-59(2015).

17. **Some Results on Multiplicity Correlations in Catastrophic Destruction of ^{12}C -AgBr Collisions at 4.5 AGeV.**
Accepted for publication in the forthcoming issue of IOSR Journal of Applied Physics (IOSR- JAP).
18. **Interesting features of Catastrophic Destruction of ^{12}C -AgBr Collisions at 4.5 A GeV.**
Accepted for publication in the forthcoming issue of IJSR journal of Applied Physics.
19. **Ab-initio study of electronic and optical properties of InN in wurtzite and cubic phases,**
S. Kumar, Tarun K. Maurya *Optics Communications* 283 (2010) 4655-4661.
20. **Ab –initio study of Structural, electronic and optical properties of ZnS;**
Swatantra K. Gupta, **S. Kumar** and S. Auluck, *Optics communications* 284 (2011) 20-26.
21. **Band structure and optical properties of hexagonal In-rich $\text{In}_x\text{Al}_{1-x}\text{N}$ alloys,** **S.Kumar**, Suman Pandey, Swatantra K. Gupta , Tarun K. Maurya, P.Schely, G.Gobsch, R. Goldhahn, *J. Phys.: Condens. Matter* 23 (2011) 47580.
22. **Tran blaha modified Becke-johnson potential band structure including spin orbit interaction,**
S.Kumar, Suman Pandey, S. Auluck , *Advances in optoelectronic Materials (AOM) Volume 2 Issue 1, February 2014.*
23. **An ab-initio study of CuInSe_2 based ordered defect compounds:**
S. Kumar, Suman Panday and S. Auluck *Material chemistry and physics*, DOI 10.1016/j.matchemphys.2015.06.001.
24. **Ab-initio study of Electronic, optical and thermo dynamical properties of ordered $\text{BxAl}_{1-x}\text{N}$ alloy.**
S. Kumar, Suman Joshi, B. Joshi and S. Auluck, doi:10.1016/j.jpcs.2015.06.010
25. **Stacking sequence dependent electronic properties of graphene: An ab-initio study,**
Swatantra K. Gupta, **S. Kumar** and S. Auluck, *Solid State Communication* (accepted) 2015
26. **Tuning of electronic and optical properties of CuGaSe_2 based ordered defect compounds (ODC),**
S. Kumar, Suman Joshi and S. Auluck (accepted 2015).

* Monographs Nil

* Chapters in Books 5

List of Published Papers in Books

1. **Vibrational Dynamics of Trans-1, 4 Poly (2, 3-dichlorobutadiene)**
Archana Gupta, Neetu Choudhary, P. Tandon, V. D. Gupta, **Published in the book entitled ‘Emerging Trends in Laser & Spectroscopy and**



Applications by *Allied Pub Pvt Ltd, A-104, Mayapuri Phase II, New Delhi–110 064.*

2. **DFT Oligomer Approach to Vibrational Spectra of Polyselenophene**
Vipin Deval, Archana Gupta and Poonam Tandon, **Published in the book entitled ‘Advancements and Futuristic Trends in Material Science’ ISBN no. 978-81-8424-706-0 pp 342-347** by *Allied Pub Pvt Ltd, A-104, Mayapuri Phase II, New Delhi–110 064.*
3. **Molecular Structure, Vibrational Spectroscopic and HOMO-LUMO Studies of 2- Amino 6-Bromo 3-Formylchromone**
Saba Bee, Archana Gupta and Poonam Tandon Published in the book entitled ‘*Advancements and Futuristic Trends in Material Science*’ by Allied Pub Pvt Ltd, A-104, Mayapuri Phase II, New Delhi-110 064.
4. **Theoretical Studies of the Molecular Structure and Vibrational Spectra of 2- Hydroxy -3-Methoxy -N- (2-Chloro-Benzyl)- Benzaldehyde-Imine using quantum chemical calculations**
Parag Agarwal, Archana Gupta and Poonam Tandon
Published in the book entitled ‘*Advancements and Futuristic Trends in Material Science*’ by Allied Pub Pvt Ltd, A-104, Mayapuri Phase II, New Delhi-110 064.
5. **A Relation Between Finite and Infinite Systems: A Case of Phonon Study in Oligo and Polymeric Selenophene**
Neetu Choudhary , Archana Gupta and Poonam Tandon
Published in the book entitled ‘*Advancements and Futuristic Trends in Material Science*’ by Allied Pub Pvt Ltd, A-104, Mayapuri Phase II, New Delhi-110 064.

- * Edited Books 2
- * Books with ISBN with details of publishers
 - Advancements and Futuristic Trends in Material Science, ISBN 978-81-8424- 706-0, Allied Publishers Pvt. Ltd.
 - Simulation and Characterization of the Advance Materials, Transworld Research Network, ISBN 978-81-7895-570-4
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) 26
- * Citation Index – range / average 1 to 8 /3
- * SNIP 2.33
- * SJR 2.37
- * Impact Factor – range / average 1.0 to 3.5 / 2.0
- * h-index

23. Details of patents and income generated
NA
24. Areas of consultancy and income generated
NA



25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad
- Dr. Sudhir Kumar visited Technical University, Ilmenau, Germany as DAAD visiting Scientist in 2010
 - Dr. Archana Gupta visited Physics Department of Federal University of Ceara, Brazil from 2nd to 24th September, 2011 under the framework of the Indo-Brazil collaboration project.
 - Dr. Sudhir Kumar visited Otto Von Guericke University, Magdeburg, Germany as INSA- DFG Visiting Scientist in 2013
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr. Archana Gupta

Reviewer of following International Journals:

1. Spectrochimica Acta Part A
2. Journal of Molecular Structure
3. Canadian Journal of Chemistry
4. Journal of Applied Polymer Science
5. Indian Journal of Pure & Applied Physics
6. Polymer

Dr. Sudhir Kumar

Reviewer of following International Journals:

1. Journal of Applied Physics.(AID)
2. Journal of Alloy and compound (Elsevier)
3. Journal of Applied Physics C (IDP)
4. Physics B (Elsevier)
5. Physics chemistry of solids (Elsevier)
6. Indian Journal of Pure & Applied Physics (CSIR)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Various Conferences/ Seminars/ Workshops have been attended by the Faculty members time to time.

Dr. Archana Gupta

1. Colloquium Spectroscopicum Internationale XXXVII held at Buzios - Rio de Janeiro Brazil, August 28 - September 2, 2011 Pontifical Catholic University, Rio de Janeiro – Brazil.
2. Kathmandu Symposia on Advanced Materials 2012 (KaSAM – 2012) May 9 -12, 2011 Kathmandu, Nepal.
3. International Conference on Raman Spectroscopy (ICORS 2012), August 12-17, 2012 Indian Institute of Science, Bangalore.
4. International Conference on Advancement in Polymeric Materials APM-2013, 01-03 March, 2013 CIPET, Lucknow.
5. International Seminar on Advances In Bio-& Nano-Materials (ISABNM- 2013) November 17, 2013 Department of Physics, University of Lucknow, Lucknow, India.

6. 5th International Conference on Perspectives in Vibrational Spectroscopy (ICOPVS 2014) July 08-12, 2014 Department of Physics, Mar Ivanios College, Trivendrum, Kerala, India.
7. International Symposium on Advances in Biological & Material Sciences (ISABMS-2014) July 15, 2014 Humboldt Academy, Lucknow & University of Lucknow, Lucknow, India.
8. 102nd Indian Science Congress (ISC-2015), 03-07 January 2015, University of Mumbai, Mumbai.

Dr. M. Saleem Khan

1. 6th ICPAQGP held at NIO, Goa Between Dec.6-10.(2010).
2. National Conference AFTMS2011 held on March 26-27, held at Deptt. Of Applied Physics, M.J.P. Rohilkhand University, Bareilly (2011).
3. 56th DAE symp. On Nucl. Phys. AU, Vishakhapatnam Vol. 56 (Dec.26-30, 2011) PP 828-829.
4. 99th Indian Science Congress Bhubneshwar KIIT University Bhubneshwar Jan 3-7, 2012.
5. International Conference, XX DAE- BRNS High Energy Symposium, Department of Physics, Vishw Bharti Shanti Niketan, Feb 13-18, 2013.
6. DAE-BRNS International symposium on nuclear Physics volume – 58 (2013) Bhabha Atomic Research Centre Munbai, 400085, India, December 2-6.2013.
7. 59th DAE Symp. on Nucl. Phys. BHU, Varanasi, Vol. 59(Dec. 8-12, 2014) PP 732-733.

Dr. Sudhir Kumar

1. International Workshop organized by C-Dec on HPC (15, 16 Dec.2011) at Goa.
2. 2nd International Conference Optoelectronic Materials and Thin films for Advanced Technology, 3-5 Jan (2013), Cochin University of Science and Technology, Kochi.
3. Simulation and characterization of Advanced Materials, 17-18 April, 2010, M.J.P Rohilkhand University Bareilly.
4. Workshop organized by UPSC Allahabad on 4-5 Nov. 2011 for the deciding the syllabus for Lecturer ship in PG and UG Govt College between 2011.
5. National Symposium on Advances in Materials Science and Technology 3-4 Feb (2012) Gujarat University, Ahmadabad.
6. National Conference on Advanced in Material Science for Energy Applications, 9-10th Jan. (AMSEA-2014), University of Petroleum and energy studies, Dehradun Uttarakhand.

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects
100% students of M.Sc. do in-house projects



- Percentage of students doing projects in collaboration with other universities / industry / institute

No

29. Awards / recognitions received at the national and international level by Faculty

Doctoral / post doctoral fellows

Students None

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Department of Applied Physics organized following Conferences/Seminar/Workshop:

- National Conference on Simulation and Characterization of Advanced Materials (SICHAM 2010): 17-18 April, 2010
- National Conference on Advancements and Futuristic Trends in Material Science (AFTMS-2011) March 26-27, 2011
- Lecture Series on 'New Frontiers and Challenges in Materials Science'
- International Seminar on 'Recent Trends in Material Science (RTMS-13) Nov 23, 2013
- International workshop on Futuristic materials: Characterization, Properties & Applications in Technology (FMCPT-14), July 17-22, 2014 Source of funding (national/ international) M. J.P. Rohilkhand University, DST, CSIR, BRNS, DBT, DRDO, ISRO, SSD, World Bank

31. Code of ethics for research followed by the departments

32. Student profile programme-wise: (for sessions 2010-11 to 2014-15)

Name of the Programme (refer to question no.)		Session	Selected		Pass percentage	
			Male	Female	Male	Female
M.Sc.	Previous	2010-11	19	11	100	100
		2011-12	22	10	100	100
		2012-13	12	17	100	100
		2013-14	12	17	100	100
		2014-15	19	12	94.73	100
	Final	2010-11	15	10	100	100
		2011-12	11	9	100	100
		2012-13	12	17	100	100
		2013-14	10	7	100	100
		2014-15	6	16	100	100
Ph.D			26	8	-	-

33. Diversity of students (for sessions 2010-11 to 2014-15)

Name of the Programme	Session	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	2010-11	100	-	-	-
	2011-12	93.75	3.12	3.12	-
	2012-13	100	-	-	-
	2013-14	93.10	6.89	-	-
	2014-15	100	-	-	-
Ph.D		85.3	5.8	8.8	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Exam	Category		
	General	OBC	SC/ST
NET	1	2	2
GATE	6	3	2
JEST	-	1	-

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	4
Ph.D. to Post-Doctoral	None
Employed Campus selection Other than campus recruitment	No data available
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	None
from other universities within the State	66.6
from universities from other States from	33.3
universities outside the country	None



37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period- **None**
38. Present details of departmental infrastructural facilities with regard to
- a) Library- **No departmental library but I.E.T library**
 - b) Internet facilities for staff and students - **Yes**
 - c) Total number of class rooms- **3**
 - d) Class rooms with ICT facility- **1**
 - e) Students' laboratories- **6**
 - f) Research laboratories- **3**
39. List of doctoral, post-doctoral students and Research Associates
- from the host institution**
- (i) Saba Bee
 - (ii) Vipin deval
- from same university**
- (i) Swatantra Kumar Gupta
 - (ii) Parag Agarwal
 - (iii) Neetu Choudhary
 - (iv) Megha Agrawal
 - (v) Durgesh Sharma
- from other university within the State**
- (i) Praveen Prakash Shukla
- from university outside the State**
- (i) Suman Pandey
40. Number of post graduate students getting financial assistance from the university- **None**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **NA**
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback?
- The department obtains feedback from faculty, students and Alumni on the programmes offered and try to update the syllabus, include new experiments, change the examination pattern as inclusion of open book exam etc.**



43. List the distinguished alumni of the department (maximum 10)
Students of the department are employed in Banks, doing Ph. D. and Post Doctoral research from various reputed Institutions in India and abroad, serving in various Engineering Colleges.
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Following Conferences/ workshop were organized by the department
- (i) National Conference on Simulation and characterization of Advanced Materials (SICHAM2010) 17-18 April, 2010.
 - (ii) National Conference on Advancements and Futuristic Trends in Material Science (AFTMS-2011) March 26-27, 2011
 - (iii) International Seminar on 'Recent Trends in Material Science (RTMS-13) Nov23, 2013
 - (iv) International workshop on Futuristic Materials: characterization. Properties & applications in technology (FMCPT-14), 17-22, 2014
- Following lectures by external experts were organized by the department
- (i) Prof. Jean-marc Saiter, University of Rouen, France on the topic 'Future for Green Materials' on 16 Nov, 2013.
 - (ii) Dr. Pravin Kumar, Scientist SE, Inter University Accelerator Centre (IUAC), Aruna Asaf Ali Marg, New Delhi on the topic 'Experimental Techniques to Study Materials' on 09 Jan, 2014.
 - (iii) Dr. Lokendra Kumar, Allahabad University, Allahabad on the topic 'Next Generation Electronics: A Focus on Organic Solar Cells' on 13 Jan, 2014.
 - (iv) Dr. Ranjan Kumar Singh, Banaras Hindu University, Varanasi on the topic 'Raman Spectroscopy and its applications' on 24 Feb, 2014.
 - (v) Prof. Mushahid Husain, Vice Chancellor, M. J. P. Rohilkhand University, Bareilly on the topic 'Carbon Nanotubes' on 10 Dec, 2014.
 - (vi) Dr. Gunter Urbasch, Philipps-Universitat; Marburg, Germany on the topic 'Terahertz activities in Marburg' on 27 Feb, 2015.
 - (vii) Prof. Rajeev Ahuja, Uppsala University, Sweden on the topic 'Energy Materials' on 19 June 2014.
 - (viii) Prof. Abul Hassan Siddique, Former Pro VC, Aligarh Muslim University, Aligarh on the topic 'Applications of Wavelets in Science and Technology' on 06 April, 2015.
 - (ix) Prof. Mushahid Husain, Vice Chancellor, M. J. P. Rohilkhand University, Bareilly on the topic 'Nano Technology' on 06 June, 2015.
45. List the teaching methods adopted by the faculty for different programmes.
Besides the usual Chalk – Blackboard method, Computer-LCD projectors are used for delivering the lectures.



46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
For evaluation of B.Tech. and M.Sc. students continuous tests, quiz, seminars are organized. Research work is evaluated through its publication in international journals.
47. Highlight the participation of students and faculty in extension activities.
NSS program of the University helps the students and Faculty in interaction with village people.
48. Give details of “beyond syllabus scholarly activities” of the department.
Various competitions as Debate, Rangoli, GK quiz, Singing Dancing are organized by the department from time to time.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The group led by Dr. Sudhir Kumar is involved in study of materials used for photovoltaic devices using state of art method like Wien2k and VASP code. Recently, we have published couple of papers (for example Co-doped ZnO:F, 2N); CuAl_{1-x}InS₂) using hybrid exchange correlation within DFT approach, the predicated results are quite promising. Hope the obtained results will guide the experientialist to generate new optoelectronic devices especially low cost.
The group led by Dr. Archana Gupta is engaged in vibrational spectroscopic study of pharmaceutical compounds. This study is useful for reliable control of pharmaceutical manufacturing operations. Recent DFT based chemical reactivity descriptors are used for prediction of chemical properties in general as well as reactive sites and group identification in particular. The biological activities of NBM are predicted using PASS software. Bridging experimental knowledge with effective computational information, management and prediction of various aspects of molecular reactivities facilitates the rapid and cost-effective process and helps focus attention on interesting molecules. The work has been published in international journals.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Major Strengths

- The syllabus of M.Sc. contains full syllabus of NET.
- Students of the department qualify in national level tests NET, GATE, JEST examinations.
- Students work in the labs properly with Viva in every experiment.
- Collaborations of Faculty members are at international level.
- The building is huge and airy with separate labs for B. Tech., M.Sc. and research.

Major Weaknessess

- i. The Department has only three regular faculty members who are heavily loaded with teaching finding very small time for research.
- ii. Some equipment in the students' Labs. are quite old which were purchased 10 years ago. These have to be replaced with new one according to the syllabus etc.
- iii. The minor inter department /departmental project should be submitted and presented by every PG student. It should be a part of the Course curriculum. Due to shortage of Faculty it cannot be implemented.
- iv. Department has no infrastructure for research. Some of the faculty members have generated their own research Labs getting money from the funding agencies like UGC, DST, DRDO, AICTE etc.
- v. The internet facility is for a short time and that is out of order very off and on.

Major Challenges

- i. It is difficult to run P.G. course with only three permanent Faculty members and only one lab technician for all the labs.
- ii. Most of the Guest Faculties leave in between the academic session and new have to be appointed. The procedure of appointing new faculty is long and sometimes takes a lot of time. Students take time to get accustomed to new faculty.
- iii. Only very few journals are available.
- iv. The internet facility is for a short time. Difficult to do research.
- v. The power cuts are frequent and there are insufficient nos. of UPSs. So it is difficult to do long calculations.

Major Opportunities

- i. The department is a part of Faculty of Engineering and Technology. So expertise on various subjects is available.
- ii. Each faculty member has got a computer from departmental grant for research purpose.
- iii. Board of Studies is conducted every year so the syllabus can be updated.
- iv. Provision for establishment of Central lab from which the students of Rohilkhand region will be benefitted.
- v. With the help of funds provided by World Bank an International Seminar and workshop were conducted.

52. Future plans of the department.

It is proposed to start B. Tech. (Engineering Physics) and M. Tech. (Nano Science & Technology) which will provide better job/ career opportunities for students in industries / semi- government /government organizations.



Department of Applied Mathematics

1. Name of the Department:
Department of Applied Mathematics
2. Year of establishment:
1995 (Starting Name: Dept. of Maths.)
3. Is the Department part of a School/Faculty of the university?
Yes, a part of Fac. Of Engg. & Tech.
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :
(i) UG : B.Tech., B.Pharm. (Only Maths. Portions)
(ii) PG : M.Sc. (Applied Maths.), M.Pharm. (Only Maths Portions)
(iii) Pre-Ph.D. Course Work in Maths./Applied Maths.
(iv) Ph.D. Programme in Applied Maths.
5. Interdisciplinary programmes and departments involved
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
7. Details of programmes discontinued, if any, with reasons
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester
9. Participation of the department in the courses offered by other departments
Dealing with Maths. Portions of the courses offered by Engg. & Pharmacy departments of the university.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	0	0
Associate Professor	01	1	1
Asst. Professor	04	1	1
Others			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. A. Prasad	M.Sc, Ph.D	Associate Professor	General Relativity & Cosmology	21	01
Dr. Madan Lal	M.Sc, Ph.D	Assistant Professor	Fluid Mechanics	18	-
Dr. Pushpandra Kumar	M.Sc, Ph.D	Guest Faculty (Temp.)	Operations Research	08	-
Mr. Ramji Prasad	M.Sc	-- Do--	---	04	-
Mr. Kapil Gangwar	M.Sc	-- Do--	---	03	-
Mrs. Akansha Khandelwal	M.Sc	-- Do--	---	02	-
Ms. Sakshi Agarwal	M.Sc	-- Do--	---	02	-
Mr. Dileep Kumar	M.Sc	-- Do--	---	01	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
13. Percentage of classes taken by temporary faculty – programme-wise information
Nearly 80% in all the non-Ph.D. Programme
14. Programme-wise Student Teacher Ratio
B.Tech./B.Pharm. – 1 : 12
M.Sc. – 1 : 12
Pre Ph.D. course work – 1 : 4
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
No such posts are sanctioned separately for the department. However, the numbers of supporting staffs available are –
Technician: Zero
Clerk: 01 (deputed on demand by the Univ. admin.)
Peon: 02 (allowed on demand by the Univ. admin. but on fixed contractual remuneration)
16. Research thrust areas as recognized by major funding agencies
(i) General Relativity and Cosmology,
(ii) Fluid Mechanics



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
20. Research facility / centre with state recognition
National recognition : Recognized by U.G.C.
International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies
No. of Research Papers Published: 03

Details of the Papers Published:

Title of the Research Paper	Author(s)	Reference	ISBN/ISSN No. of the Research Journal
Flow of viscous conducting fluid through triangular tube.	Madan Lal with sarvesh Kumar	J.Comp. & Math.sci.Vol.1 (3), pp.247-277(2010)	0976-5727
Heat transfer in Magnetohydrodynamics.	Mandan Lal with Sarvesh Kumar	J.Comp. & Math.sci.Vol.2 (1), pp.153-158(2011).	0976-5727
MHD flow of a dusty fluid.	Madan Lal	J.Comp. & Math.sci.Vol.2(2), pp.352-357(2011).	0976-5727

23. Details of patents and income generated
24. Areas of consultancy and income generated
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
26. Faculty serving in
a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Through Refresher/Orientation programs of U.G.C.
28. Student projects
 - Percentage of students who have done in-house projects including inter-departmental projects

- Percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by Faculty/Doctoral / post doctoral fellows Students
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
31. Code of ethics for research followed by the departments
Honest and sincere efforts in tune with current researches being carried all over the world.
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.I (Applied Maths)	Many times the admitted ones				
2010-11		21	10	100	100
2011-12		21	9	100	88
2012-13		18	11	89	100
2013-14		28	15	92	93
2014-15		24	21	88	100
M.Sc.II (Applied Maths)	same as admitted				
2010-11		13	13	100	100
2011-12		18	12	100	91
2012-13		22	9	100	100
2013-14		13	10	100	100
2014-15		23	15	91	100

33. Diversity of students

Name of the Programme (refer to question no. 4)		% of Students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc (Applied Maths)	2010-11	96.43	Zero	3.57	Zero
	2011-12	98.28	Zero	1.72	Zero
	2012-13	98.37	1.63	Zero	Zero
	2013-14	93.95	4.54	1.51	Zero
	2014-15	91.69	7.12	1.19	Zero

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.
NET/JRF : 09



35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M. Phil.	
PG to Ph.D.	
PG to Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	Regular 50, temp 50
From other universities within the State	Regular: 50, Temp: 0
From universities from other State from	-
Universities outside the country	None

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

38. Present details of departmental infrastructural facilities with regard to

- a) Library : No departmental library; however, 2128 books on Mathematics are available in the library of F.E.T.
- b) Internet facilities for staff and students : Only for Staffs
- c) Total number of class rooms : 04
- d) Class rooms with ICT facility : Zero
- e) Students' laboratories : Zero
- f) Research laboratories : Zero

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university :
No. of Doctoral Students : 01 (Sanjay Kumar)- Degree Awarded
- b) from other institutions/universities : Zero

40. Number of post graduate students getting financial assistance from the university. : Zero

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

42. Does the department obtain feedback from



- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, usually and the same adopted reasonably
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, through discussions of the concerned parties and the conclusion obtained / utilized reasonably
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NO .
43. List the distinguished alumni of the department (maximum 10)
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Sometimes Special Lectures arranged.
45. List the teaching methods adopted by the faculty for different programmes.
Mainly Through lectures delivered using Black/White Boards.
Tutorial Classes also arranged.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Through constant supervision and interactions with all concerned.
47. Highlight the participation of students and faculty in extension activities.
(i) Participation of students in Games, Competitive and Cultural activities
(ii) Participation of teachers in various committees set up by the Univ.
48. Give details of “beyond syllabus scholarly activities” of the department.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
• Dept. on the whole (along with the entire university) accredited by NAAC in 2004-05.
• Also, Yearly accreditation of B.Tech./ B.Pharm. Courses are done by AICTE/PCY.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
Contributions Through:
(i) Research Papers
(ii) Research Guidance
(iii) Pre-Ph.D. Course work
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.



Despite very insufficient number of existing regular faculty (only 02 as against the minimum requirement of 08) and that also since 2007-08 only, the department has tried its best to meet the expectations of the courses being run, up to reasonably satisfactory level. However, its performances can further be accelerated provided the number of supporting efficient staffs is increased for the purpose.

52. Future plans of the department.

- (i) To refine/improve all the existing trends/aspects of the department by filling all the vacant regular positions and by acquiring more supporting efficient staffs. Creation and fulfilment of some additional posts will also be planned.
- (ii) To start a departmental library, preferably computerized.
- (iii) To start a P.G. Diploma Course in “Operations Research”, a highly demanding discipline of Applied Mathematics. The course will be equipped with a computer Lab.



Department of Computer Science & Information Technology

1. Name of the Department:
Computer Science and Information Technology
2. Year of establishment:
1995
3. Is the Department part of a School/Faculty of the university? Faculty
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
UG, PG, Ph.D. (B.Tech, MCA , Ph.D.)
5. Interdisciplinary programmes and departments involved
No
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil
7. Details of programmes discontinued, if any, with reasons
None
8. Examination System:
Semester
9. Participation of the department in the courses offered by other departments
Yes
 - Humanities
 - Applied sciences
 - All Five other Engineering Departments (EE, ECE, ME, CHE, EI)
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	Nil	Nil
Associate Professor	6	01	01
Asst. Professor	13	10	10
Others		02	02



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Ravendra Singh	Ph.D.	HOD and Associate Professor	Computer Network and Data Mining	22	5 awarded 4 (pursuing)
Dr. Ashutosh Gupta	Ph.D.	Reader	CSE	14	2 (pursuing)
Dr. S.S. Bedi	Ph.D.	Assistant Professor	Information Technology	17	2 (pursuing)
Dr. Vinay Rishiwal	Ph.D.	Assistant Professor	Mobile Adhock Network	14	2 (pursuing)
Mr Ashwini Gupta	M.Tech.	Assistant Professor		8	
Mr B. R. Ambedkar	M.Tech.	Assistant Professor	Wireless Communication Network	10	
Mrs Pooja Yadav	M.Tech.	Assistant Professor	Software Engineering	8	
Pankaj Roy	M.Tech.	Assistant Professor	Image Processing	7	
Anill Kumar Bisht	M.Tech.	Assistant Professor	CSE	10.5	
Mrs. Preeti Yadav	M.Tech.	Assistant Professor	CSE	7	
Mr. Brajesh Kumar	M.Tech.	Assistant Professor	Networks	11	
Akhtar Hussain	M.Tech	Assistant Professor	WN	11	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-
None
13. Percentage of classes taken by temporary faculty-programme-wise information 30/100%: status of many teachers is not clear, around 50%
14. Programme-wise Student Teacher Ratio
B.Tech. – 20:1
MCA : – 45:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
Academic Support Staff-3
Administrative-1
Class IV -1
16. Research thrust areas as recognized by major funding agencies NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Two minor projects (UGC)

Coordinator	Name of Project	Grant sanctioned	Agency	Period
Dr. Vinay Rishiwal	Performance improvement of secret image sharing scheme.	Total:- Rs. 1,10,000	UGC	2012-14
Dr. S.S. Bedi	Quality assessment of Intellectual Information available on Internet	Total: Rs 95000.00	UGC	2012-14

18. Inter-institutional collaborative projects and associated grants received
NIL

a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. NIL

20. Research facility / centre with
state recognition None

National recognition

International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies.
None

22. Publications:

S.No	Name	No of Paper Publication (N/IN) peer Reviewed	Chapter in Book	Edited Books	Books With ISBN with detail of	Citation Index - range/ average	SNIP	SJR	Impact factor- Range/ average	H-Index
1	Dr. Ravendra Singh	10			02					
2	Dr. Ashutosh Gupta	02	02							
3	Dr. S.S Bedi	02								
4	Dr. Vinay Rishiwal	04								
5	Dr. B. R. Ambedkar	01								
6	Mr. Anil Kumar Bisht	01								
7	Mr. Ashwini Gupta	01								
8	Mr. Pankaj Roy	01								
9	Er. Pooja Yadav	-								
10	MS. Iram Naim	02								
11.	Mr. Brajesh Kumar	04								
	Total	28	02		02					



Papers Published In National Journals - 07

Papers Published In International Journals – 21

Details in Annexure - 1

23. Details of patents and income generated
NIL
24. Areas of consultancy and income generated
NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
NIL
26. Faculty serving in
a) National committees b) International committees c) Editorial Boards
d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
TEQIP Sponsored Workshop, UGC Orientation, Training Program. AICTE workshop. Faculty also goes to other Universities for same.

Sr. No	Name of Faculty	Faculty recharge programme	Duration	Organized By
1	Pankaj	Orientation	One month	UGC-ASC Nainital
		F.D.P	One week	TEQIP(CSIT)
		F.D.P	One week	IITR(CSIT)
		F.D.P	One week	TEQIP(CSIT)
		F.D.P	One week	TEQIP(CSIT)
2.	Anil Kumar Bisht	STC	One Week	NITTR, Chandigarh
		STC	One Week	NITTR, Chandigarh
		FDP	One Week	CSIT,MJPRU
		International Workshop	Two Days	CSIT,MJPRU
		STC	One Week	NITTR, Chandigarh and GBPUAT
		FDP	One Week	ME Deptt
3.	B.R.Ambedkar	FDP	One Week	CSIT,MJPRU
		International Workshop	Two Days	CSIT,MJPRU
4.	Iram Naim	Orientation	One month	UGC-ASC North Bengal university, N. B
		FDP on MATLAB	One Week	CSIT,MJPRU
		FDP on Parallel computing	One Week	CSIT,MJPRU
		STC	Five Days	IITR, Roorkee

5.	Ashwani Gupta	STC	Five days	NITTTTR, Chandigarh
		Conference Tutorial	Three Days	MNNIT, Allahabad
6.	Vinay rishiwal	FDP	One week	TEQIPCSIT MJPRU
		FDP	One week	TEQIPCSITMJPRU
		FDP	One week	ITS GHAZIABAD
		FDP	One week	TEQIPCSIT
		FDP	One week	NITTR chandigarh
		FDP	One week	NITTR chandigarh
		FDP	One week	MJPRU

28. Student projects
- * percentage of students who have done in-house projects including inter-departmental projects: 100%
 - * percentage of students doing projects in collaboration with other universities industry / institute NIL
29. Awards / recognitions received at the national and international level by Faculty - Nil
 Doctoral / post doctoral fellows/Students Nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any. -

Sl.No.	Program Name	Date	Fund
1	Matlab and simulink programming	4-8 feb 2014	TEQIP-II
2	Parallel and distributed computing	2013	University

31. Code of ethics for research followed by the departments:
 We follow all the guidelines provided by the University to maintain the Ethics for research.
32. Student profile programme-wise:

Name of the Programme (Refer to question no. 4)	Session	Applica- tions Received	Selected		Pass Percentage	
			Male	Female	Male	Female
MCA	2010-11	Admission through the UPSEE	25	05	92	100
	2011-12		22	04	100	100
	2012-13		19	06	90	100
	2013-14		24	03	100	100
	2014-15		22	08	78	100
B. Tech.	2010-11	Admission through the UPSEE				
	2011-12					
	2012-13					
	2013-14					
	2014-15					



33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other Universities within the State	% of students from universities outside the State	% of students from other countries
B.Tech.	NIL (UG)	NIL (UG)	NIL (UG)	NIL (UG)
MCA Admitted through Faculty/University level	88	10	2	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M. Phil.	Nil
PG to Ph.D.	
PG to Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	32- B.Tech. (CSIT), 6 MCA
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	23
From other universities within the State	54
From universities from other State from	23
Universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period 2 (Ph. D.)

- Dr. Ashutosh Gupta
- Dr. Vinay Rishiwal

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Yes (at Faculty Level)
- b) Internet facilities for staff and students: 1 GBPS (BSNL)

- c) Total number of class rooms :
 B.Tech. 06 Class Room, 03 Tutorial Class
 MCA 03 Class, 01 Seminar, 01 Tutorial Class
- d) Class rooms with ICT facility : 04
- e) Students' laboratories : 05
- f) Research laboratories : 01
39. List of doctoral, post-doctoral students and Research Associates
- a) from the host institution/university 2
- Anil Kumar Bist
 - Shailesh saxena
- b) from other institutions/universities 11
- Gaurav Kumar
 - S.J. Quraishi
 - Sanjeev Kumar
 - Mayank Arya
 - Yeshpal Singh
 - Omkar Singh
 - Ved Prakash
 - S.P. Vidyarthi
 - Kiran Rani
 - Lalit Kumar
 - Hiresh Kumar Gupta
40. Number of post graduate students getting financial assistance from the university. : Zero
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. N.A.
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
 Yes, through BOS and Departmental Board
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
 Yes, through discussions of the concerned parties and the conclusion obtained / utilized reasonably
- c. alumni and employers on the programmes offered and how does the department utilize the feedback?
 Yes, verbally



43. List the distinguished alumni of the department (maximum 10)

S.No.	Name	Working Organization
1	Krishan Kumar	Assis. Prof. Gurukul Kangri, Haridwar
2	Narendra Kumar	Assis. Prof. B.R. Ambedkar University Lucknow
3	A.K Denial	Asso. Prof. MMM, Gorakhpur
4	Jubair Khan	Professor, Macca, Saudi Arabia
5	Hemant Yadav	Director Prem Prakash Gupta Institute of technology
6	Lalit Kumar	Sr. Scientist, BARC, Bombay
7	Mudit Aggrawal	Infosys Pune
8	Mr. Ashwini Gupta	Assistant. Prof. Dept. CSIT in MJPRU
9	Yatendra Kumar	Asso. Prof. Dept. EI in MJPRU
10	Mr. Gaurav Gupta	Intel, USA

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Sometimes Special Lectures arranged.

Sl.No.	Program Name	Duration of Program
1	Workshop on Core Java	2 Days (30-01-15 & 04-02-15)
2	Workshop on Advance Java	2 Days(06 & 07 -02-2015)

45. List the teaching methods adopted by the faculty for different programmes.

- **Lecture method:** Teaching through lectures by using black board as well as LCD projectors.
- **Interactive method:** Teaching through conducting debates on the topics related to the subject handling.
- **Project based learning:** Analyzing, designing, implementing and documenting skills of the students are improved by assigning mini-projects, half semester projects and full semester projects.
- **Computer assisted learning:** Quizzes are conducted through LMS (Learning Management System)
- **Experimental learning:** The students are trained to do programming through lab experiments.
- **Seminars:** The students are encouraged to take Technical seminar which is used to improve the presentation skills of the students.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The Board of Studies leads the Departmental Board Committee, a faculty committee that is directly engaged in defining the program educational objectives. The process for revising the PEOs is initiated by this committee, which takes into account any changes/revisions made to the University, College and Department missions. The committee also uses assessment data generated from alumni surveys. The revised objectives are then presented to the faculty for feedback and finalization via faculty vote. The student body is made aware

of the objectives through an open forum, where they are also provided with an opportunity to provide feedback on various aspects of their program experience.

47. Highlight the participation of students and faculty in extension activities.
Seminar/workshop/Sports/ cultural/ industrial tour etc. are conducted on regular interval
48. Give details of “beyond syllabus scholarly activities” of the department.
Arrange expert lecture under TEQIP
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
Nil
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The Department of Computer Science and Information Technology believes that computer science is a rapidly evolving discipline directly or indirectly affecting many other disciplines including science and engineering, arts, business, etc. It is important that we contribute to computer science in a way that our faculty and students can devote themselves to take the maximal advantage of modern computer science to solve a wide range of complex scientific, technological and social problems. The department continues promoting innovative research and education programs in the core computer science as well as multidisciplinary application areas. Our focus areas include cyber security and information retrieval, sensor networking and communications, computational science and data mining. By selecting these contemporary and still maturing areas that also complement the skills of existing department faculty based on the funding and also achieving critical mass through new hires in these areas will have an immediate impact on the departments competitiveness for more federal funding and ability to achieve national prominence.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

To prepare SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis report of the department for IQAC, SWOT points are collected from the members of the department faculty and the consolidated points are given below:

Strengths	Weakness
<ol style="list-style-type: none"> 1. Demand for the course in market; 2. Excellent infrastructure 3. Motivated faculty members; 4. Good number of certification courses; and 5. Learning Management System 	<ol style="list-style-type: none"> 1. No professors, 2. As we are waiting for Promotion under CAS since last many years, so we are Mentally and financially stressed 3. we are very weak in research facilities like Journals, research laboratories etc; 4. Volatility in Market demand; and 5. MoU with Industry

Opportunities	Challenges
<ol style="list-style-type: none"> 1. Placement cell for students 2. Internal/External funding for projects; 3. Recognition to inventions through patent; 4. Autonomy in curriculum development; 5. Organizing International Conferences 	<ol style="list-style-type: none"> 1. Competition from other universities and college are very high; 2. Getting funded projects; 3. Training students beyond academics; 4. Fluctuating demand in Industry; 5. To run research programme without adequate facilities

52. Future plans of the department.

- Develop the skills of our student to solve the complex technological problems of modern society and also provide a framework for promoting collaborative and multidisciplinary activities.
- We strive for excellence in research, teaching and service covering the fundamental as well as applied aspects of computer science. Our faculty will establish nationally and internationally recognized research programs, including those of interdisciplinary nature, and actively engage our students in the research to provide broad educational and research experiences for them both in and out of the classroom.
- The department continues promoting innovative research and education programs in the core computer science as well as multidisciplinary application areas.



Annexure - 1

List of Publications

Dr Rvindra Singh

- R. Singh, I. Chatterjee, "Reliability with respect to energy consumption in Vanet based protocol in different scenario" International Journal of Emerging Engineering Science and Technology, Volume 1 Issue 1-2015, PP.:01-12
- S. Saxena, Z. Khan, *R. Singh, A. Kumar, "DRR Based Job Scheduling for Computational Grid and its Variants International Journal of Innovations & Advancement in Computer Science (IJIACS-ISSN: 2347 – 8616), Vol No. 03, Issue No. 8, 2014, PP.: 07–13, Impact Factor 2.65, www.academicscience.co.in.
- M. Jain, B. Kumar, *R. Singh, I. Chatterjee, "Genetic Algorithm Based Routing Protocols for MANET", International Journal of Advanced Engineering Sciences and Technologies, (ISSN: 2230-7818), Vol No. 12, Issue No. 1, 2013, PP.: 043 – 048, <http://www.ijaest.iserp.org>
- Smrati, R. Shukla, *R Singh, Z. Khan, "Group Handover Management in Mobile Femtocell Network Based on ART Map Class1", International

Journal of Scientific & Engineering Research, (ISSN 2229-5518), Volume 4, Issue 8, August-2013 PP.: 1757-1764. <http://www.ijser.org>

5. S. Srivastava, A K Daniel, *R Singh, “Energy-Efficient Position Based Routing protocol for Mobile Ad Hoc Networks” Published in International Journal of Information Technology Infrastructure, (ISSN 2320 2629), Volume 1, No.2, Nov.–Dec. 2012, pp.: 06-10., <http://warse.org/pdfs/ijiti01122012.pdf>.
6. Z. Khan, *R. Singh, J. Alam, “A Routing Algorithm for Triple Loop (TL): A Fixed Degree Two Dimensional Geometric Interconnection Network for Parallel Systems,” Published in Journal of Information Systems and Communication (JISC-ISSN: 0976-8742 & E-ISSN: 0976-8750), Volume 3, Issue 1, 2012, pp.: 220-224., <http://www.bioinfo.in/contents.php?id=45>.
7. Z. Khan, *R. Singh, J. Alam, “Tasks Allocation Using Fuzzy Inference In Parallel And Distributed System,” Published in Journal of Information and Operations Management (JIOM-ISSN: 0976-7754 & E-ISSN: 0976-7762), Volume 3, Issue 2, 2012, pp.: 322-326, www.bioinfo.in/contents.php?id=55
8. R. singh, R. Babu, I. Chatterjee, “A Reliable Multicast Routing approach for VANET”, Published in International Journal of Computer Science Issues (IJCSI-ISSN: 1694-0814), Vol. 9, Issue 2, No 2, March 2012, p.no.: 575-579, www.IJCSI.org
9. A K Daniel, PATEL A. K., *R Singh, J P Saini, Enhanced AODV backup routing in mobile adhoc networks, Published in Journal of Information Systems and Communication (JISC-ISSN: 0976-8742 & E-ISSN: 0976-8750, Volume 3, Issue 1, 2012, pp.: 60-63., <http://www.bioinfo.in/contents.php?id=45>
10. A K Daniel, *R Singh, J P Saini, " Performance of Routing Protocol for Ad Hoc Network Using Path Survivability Based on Load and Bandwidth Management under GAL Back Pressure Technique", Published in Journal of Information Systems and Communication (JISC-ISSN: 0976-8742 & E-ISSN: 0976-8750, Volume 3, Issue 1, 2012, pp.- 48-51., <http://www.bioinfo.in/contents.php?id=45>
11. A K Daniel, *R Singh, J P Saini, " Performance of Routing Protocol for Ad Hoc Network Using Path Survivability Based on Load and Bandwidth Management under Back Pressure Technique", Published in International Journal of Computer Science, Engineering & Technology, (IJCSET-ISSN: 2231-0711), Vol 1, Issue 9, October 2011, p.no.: 544-549, <http://www.ijcset.net/docs/Volumes/volume1issue9 /ijcset2011010903.pdf>.
12. Z. Khan, 8R. Singh, J. Alam, S. Saxena, “Classification of Load Balancing Conditions for parallel and distributed systems” Published in International Journal of Computer Science Issues (IJCSI-ISSN: 1694-0814), www.IJCSI.org, Vol. 8, Issue 5, No 1, September 2011, PP.:411-419.

Dr. Ashutosh Gupta

1. Gupta and S. Agarwal. “A Fast Dynamic Compression scheme for Natural language Text”, International Journal of Computers & Mathematics with



Applications, Vol: 60(12), pages: 3139–3151, 2010. Elsevier publications. SCI Journal, IF: 2.069.

2. Gupta and Pankaj. “Compressed Differential Encoding for Semi-Static Compressors”, INFOCOMP Journal of Computer Science, Vol 9(4), pp 28-33, December 2010.

Book Chapters (Springer 2008)

3. Gupta, and S. Agarwal. (2008) 'Transforming the Natural Language Text for Improving Compression Performance', Lecture Notes in Electrical Engineering Vol. 6, "Trends in Intelligent Systems and Computer Engineering (ISCE)", 2008, pp 637-644, Springer.
4. A.Gupta and S. Agarwal. (2008) 'Compression Using Encryption', Lecture Notes in Electrical Engineering Vol. 6, "Trends in Intelligent Systems and Computer Engineering (ISCE)", 2008, pp 645-653, Springer.

Mr. Pankaj Roy

1. Gupta and Pankaj. “*Compressed Differential Encoding for Semi-Static Compressors*”, INFOCOMP Journal of Computer Science, Vol 9(4), pp 28-33, December 2010.

Mr. Ashwani Gupta

1. Ashwani Gupta, Ashutosh Gupta, “*Image encryption using chaotic maps*”, International Journal Of Advanced Technology In Engineering And Science, Volume No 03, Special Issue No. 01, pages: 42-47, February 2015, ICAREMIT-15, ISSN: 2348-7550.

Ms. Iram Naim

1. Rashid Ali and Iram Naim, “User Feedback based Metasearching using Neural Network,” International Journal of Machine Learning and Cybernetics, ISSN:1868- 8071, Springer-Verlag Berlin Heidelberg.
2. Iram Naim, Nalini Maheshwari, Priyanka Gangwar,” Neural Network Based Rainfall prediction” International Journal Of Advanced Technology In Engineering And Science Volume No 03, Special Issue No. 01, February 2015 ISSN : 2348 – 7550.

Mr. B R Ambedkar

1. B R Ambedkar, Ashwani Gupta, Pratiksha Gautam, S S Bedi,” An Efficient Method to Factorize the RSA Public Key Encryption”, International Conference on Communication Systems and Network Technologies, 2011

Dr. S S Bedi

1. S. S. Bedi et. al., Ranking the criterion of quality evaluation for intellectual information on internet, Int. jnl. on Integrated teacher in education, AIRCCE pub. Cop. Vol 3(2), 31-37, June 2014

2. S. S. Bedi, Devendra Singh, Noverl Intrusion detection in MANET based on trust, Intl jnl. of Computer Sci. & IT, 6(4), 3556-3560, 2015.

Mr. Brajesh Kumar

1. Brajesh Kumar, and Onkar Dikshit, "Spectralâ€Spatial Classification of Hyperspectral Imagery Based on Moment Invariants,"IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING, vol. 8, no. 6, pp. 2457-2463, 2015.
2. Hrudya K.P., Brajesh Kumar, and Prabhakar Gupta, "Impact of Mobility on Different Routing Approaches in MANETs," International Journal of Computer Applications, vol. 67, no. 23, pp. 18-22, 2013.
3. Akhtar Husain, Brajesh Kumar, and Amit Doegar, "Performance evaluation of routing protocols in vehicular ad hoc networks," International Journal of Internet Protocol Technology (Inderscience), vol. 6, no. 1/2, 38-45, 2011.
4. Akhtar Husain, Brajesh Kumar, and Amit Doegar, "PERFORMANCE COMPARISON OF TOPOLOGY AND POSITION BASED ROUTING PROTOCOLS IN VEHICULAR NETWORK ENVIRONMENTS," International Journal of Wireless & Mobile Networks, vol. 3, no. 4, pp. 289-304, 2011.

Mr. Anil Bisht

1. Anil Kumar Bisht, Brajesh Kumar, Shailendra Mishra, Akhtar Hussain, "Simulation Based Analysis of Position Based Routing Protocols in Vehicular Ad hoc Networks", International Journal of Advances in Computer Networks and its Security, 2011, pp. 195-202. ISSN: 2250-3757.

Dr. Vinay Rishiwal

1. Akanksha Singh, Mitul Yadav, Vinay Rishiwal, "Investigation of Cluster based Adhoc Routing Protocols," InRoads: An International Journal, pp. 115-123, 2014.
2. Shalini Kushwaha, Mitul Yadav, Vinay Rishiwal et al., "Effect of Node Mobility and Traffic on Energy Consumption Behavior of Adhoc Routing Protocols," IJCA, pp. 24-27, 2013.
3. Vinay Rishiwal and Mano Yadav, "Routing in Wireless Adhoc Networks," International journal of Internet Protocol and Technology (IJIPT), Inderscience, vol. 7, no. 2, pp. 108-119, 2012.
4. Vinay Rishiwal and Mano Yadav, "Quality of Service Routing in Adhoc Wireless Networks," International Journal of Computer Science: INFOCOMP, vol 9, no. 3, pp. 10-19, sept 2010



Department of Chemical Engineering

1. Name of the Department:
[Chemical Engineering](#)
2. Year of establishment:
[1998](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[UG B.Tech. Chemical Engineering](#)
5. Interdisciplinary Programmes and Departments involved:
[N.A.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments.
[N.A.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	-	-	-
Asst. Professor	01	01	01
Others (Guest Faculty)	08	08	08

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Mr. M. S Karuna	M.Tech	Head	Environmental Engineering	17 years	
Ms. Anjali	M. Tech.	Guest Faculty	Plastics Engineering	2 years	
Ms. Huma Warsi Khan	M. Tech.	Guest Faculty	Petroleum Processing & Petrochemical Engineering	3 years	
Ms. Aradhana Kanchan	M. Tech.	Guest Faculty	Modelling & Simulation	2 years	
Ms. Parul	M. Tech.	Guest Faculty	Chemical Engineering	Nil	
Ms. Sona MAheshwari	B. Tech.	Guest Faculty	-	Nil	
Mr. H. L Arora	M. Tech.	Guest Faculty			
Dr. P. N Ram	Ph.D	Guest faculty	Material Science		
Ms. Saba Hussain	B. Tech.	Guest Faculty	-	Nil	
Ms. Upasana Sharma	M.Tech.	Guest Faculty	Petroleum Processing & Petrochemical Engineering	1 year	
Ms. Sabahat Jabeen	M.Tech.	Guest faculty	Modelling & Simulation	0	

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
- Prof. I. D Mall, I.I T Roorkee,
 - Prof. S. N Upadhyay, I.I.T B.H.U,
 - Prof. R. S Singh, I.I.T B.H.U,
 - Prof. B. N Rai, I.I.T Roorkee,
 - Prof. A. K Pratihari, GBPUA&T,
13. Percentage of classes taken by temporary Faculty Program – information:
90%



14. Program-wise Student Teacher Ratio:
19.88%
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
1. Mr. Suresh Chandra Lab Assistant
2. Mr. Santosh Lab Assistant (Through Contractor)
3. Mr. Priyanka Gangwar Lab Assistant (Through Contractor)
4. Ms. Sadhna Sharma Typist (Through Contractor)

Helpers

1. Shri Rahul Sharma (Through Contractor)
2. Shri Nitin Shukla (Through Contractor)
3. Ms. Reena (Through Contractor)
16. Research thrust areas as recognized by major funding agencies:
N.A.
17. Number of faculties with ongoing projects from
a) National
b) International funding agencies and
c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:
National funding agency : -
Total grant received : -
Name of the funding agency : -
Project title : -
World Bank project under TEQIP-II
18. Inter-institutional collaborative projects and associated grants received.
a) National collaboration : -
b) International collaboration : -
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
None
20. Research faculty / centre with
State recognition: -
National recognition: -
International recognition: -

21. Special research laboratories sponsored by / Created by industry or corporate bodies:
N.A.
22. Publications:
 - * Number of papers published in peer reviewed journals (national / international): -
 - * Papers Published National Journals -
 - * Papers Published International Journals -

List of Published Papers in Journals

1. Huma Warsi Khan, Moina Athar, M S Karuna “Eco-friendly Residue Upgrading Technologies for Refineries”, American International Journal of Research in Science, Technology, Engineering & Mathematics (AIJRSTEM), ISSN (Print): 2328-3491.
2. Huma Warsi Khan, Faizan Ahmad, M.S Karuna, Jharna Gupta and Mohd Imran “A Review on alternatives to conventional fuels”, International journal of Environmental research and Development [IJERD] ISSN No. 2249-3131, Vol.3, No.3 (2013)
3. Faizan Ahmad, Huma Warsi Khan, M. S Karuna, Mohd. Imran, Priya Pal, “A Review of treatment technologies for Petroleum Refinery waste”, International journal of Environmental research and Development [IJERD] ISSN No. 2249-3131, Vol.3, No.3 (2013)
4. Huma Warsi Khan, Moina Athar, M S Karuna “Eco-friendly Residue Upgrading Technologies for Refineries”, American International Journal of Research in Science, Technology, Engineering & Mathematics (AIJRSTEM), ISSN (Print): 2328-3491,
5. Huma Warsi Khan, Faizan Ahmad, M.S Karuna, Jharna Gupta and Mohd Imran “A Review on alternatives to conventional fuels”, International journal of Environmental research and Development [IJERD] ISSN No. 2249-3131, Vol.3, No.3 (2013)
6. Jharna Gupta, Priya Pal and Huma Warsi Khan, “A Review on Air pollution and control”, International journal of Environmental research and Development [IJERD] ISSN No. 2249-3131, Vol.3, No.3 (2013)
7. Faizan Ahmad, Huma Warsi Khan, M. S Karuna, Mohd. Imran, Priya Pal, “A Review of treatment technologies for Petroleum Refinery waste”, International journal of Environmental research and Development [IJERD] ISSN No. 2249-3131, Vol.3, No.3 (2013)
8. Anjali “Effect of porosity and curing temperature on mechanical strength of composite materials”, International Journal of Mechanical and Industrial engg.(IJMIE), ISSN NO. 2231-6477, Vol.2, Iss-3, 2012S
9. Vibrational properties of vacancy in BCC transition metals using embedded atom method potentials, Vandana Gairola, P.D. Samelty and P.N.Ram, Pramana J. Phys. 80 (2013) 1041.
10. Vibrational properties of vacancy in BCC Nb using embedded atom method, Vandana Gairola, P.D. Samelty and P.N.Ram, Indian J. Phys. 88 (2014) 171.



- * Monographs: Nil
- * Chapter in Books: None
- * Edited Books: None
- * Books with ISBN with details of publishers: -
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Science Directory, EBSCO host, etc.): None
- * Citation index – range / average: -
- * SNIP: Nil
- * SJR: Nil
- * Impact Factor – range / average: 1-1.5
- * h-index: -

23. Details of patents and income generated:

None

24. Areas of consultancy and income generated:

None

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

None

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards

d) Any other (please specify):

None

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Details of the workshops attended by faculty members:

Mr. M. S Karuna

- 1 Attended three days workshop on “A-Z of natural gas and LNG” organised by Petronet LNG Ltd. Terminal at Dahej, Gujarat from 30 April-2 May, 2015.
2. Attended three days Faculty Development Program on “Environmental Impact Assessment”, organised by Department of Chemical Engineering, , MJP Rohilkhand University Bareilly 26-28 March, 2015.
3. Attended five days faculty development program on “MATLAB and Simulink Programming” organised by Department of CS & IT, MJP Rohilkhand University Bareilly from 04/02/14 to 08/02/14.



4. Attended seminar on “Climate change, environment and Economic development”, organised by Humanities department, MJP Rohilkhand University held on 7-8 feb. 2014.
5. Attended five days workshop on “Frontier Areas of Research”, in Department of Mechanical Engineering, MJP Rohilkhand University Bareilly, from 25 March 2014 -29 March 2014.
6. Attended six days workshop on “Recent Advances in Organic Polymer Chemistry (RAOPC-14),”, held on 17-22 Feb.,2014 organised by Department of Applied Chemistry, F.E.T MJP Rohilkhand University Bareilly.
7. Attended two day workshop on “Personality Development and Soft Skills”, conducted by Department of Chemical Engineering, F..E.T MJP Rohilkhand University held on 30 Nov-1 Dec. 2013.
8. Attended workshop on “Industry Academia Interaction for strengthening Technical Education”, organised by HBTI, Kanpur held on 30 August 2013 in Lucknow.
9. Attended workshop on “Refinery Process Technology: Advances through Research & Development”, conducted by Petrofed and LKMT in association with IOCL held on 30 July 2013.
10. Attended 10 days “Research methodology course”, sponsored by ICSSR, New Delhi organised by MJPRU, held from 7-16 February, 2013
11. Attended workshop on “Applied Mechanics”, organised by IIT Kanpur, held on 4-7 October 2013.
12. Attended 4days workshop “Pravartana 2013”, oraganised by IIT Kanpur, from 4-7 October, 2013.
13. Attended two day International conference on “Monitoring of metals and gases in Plants with special Reference to Bryophyte Physiology & Climate Change”, organised by Department of Botany, Bareilly College, Bareilly held on 17-18 December 2012.
14. Attended 5 days short term course on “Recent Advances in Pollution Prevention Technologies in process Industries” organise by MNIT Jaipur, held on 22-26 October , 2012.
15. Attended one week course on “Environment Health and safety Management”, organised by IIT Roorkee, held from 25-29 January 2010.
16. Attended national conference on “Recent Advances in waste Management-09”, organised by Department of Chemical Engineering & Technology, BHU held on 20-21 February, 2009.
17. Attended 3 day programme on “Natural gas processing and Natural gas/LPG Pipeline Transportation”, organised by Petroleum federation of India, GAIL and LKMT from 29 June -1 July, 2009
18. Attended training programme on “Environment Health and Safety management in Process Industries” sponsored by Central Pollution Control Board Delhi, and organised by department of Chemical Engineering, IIT Roorkee, held on 20-22 Oct, 2008.



19. Attended the staff development programme on “CAD & FEM”, organised by Ministry of HRD, Government of India & AICTE, New Delhi, from 21 July-2 August 2008
20. Attended training programme on “Municipal Solid waste planning, Collection Handling and disposal”, organised by Department of Chemical Engineering, IIT Roorkee, from 4-8 December, 2007.
21. Attended AICTE sponsored short term course on “Hazardous Waste Management” held from 09.07.07 to 13.07.07 (one week) in the Department of Chemical Engineering, I.I.T, Roorkee.
22. Participated in the three day training programme on “Blue print for success” at New Delhi held from 24th August 2006 to 26th August 2006. Trained by Renowned management guru “Sri Shiv Khera” of Qualified learning systems Inc., USA.
23. Participated in four days test run of training programme on “Pollution from Municipalities” from 16th to 19th December, 2006 organised by Environmental Training Institute, Bangalore at ETI, Bangalore.
24. Participated in the one day seminar on “Count your chickens before they hatch” at New Delhi on 01st October, 2005 organised by Indian Institute of Planning & management (IIPM) and Plan man consulting, New Delhi.
25. Participate in the one day workshop on “Industry Institute Partnership” at Shri Ram Murti Smarak College of Engg & Tech, Bareilly held on 09th December 2005 organised by Shri Ram Murti Smarak College of Engg. & Tech. , Bareilly and Indian Society for Technical Education, New Delhi.
26. Attended three day short term programme on “Improving Industry-Institute Interaction” conducted by the Entrepreneurship Development & Industrial Coordination Department from 25/10/05 to 27/10/2005 at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.
27. Attended U.G.C. sponsored Orientation course on “Value education”, from 23.07.03 to 28.08.03 (one month) in Academic Staff College, Jawaharlal Nehru Technological University (JNTU), Hyderabad.
28. Attended one day seminar on “Latest trends in CAD/CAM tools”, organised by Department of Mechanical Engineering, I.E.T MJPRU, held on 10 May 2003.
29. Participated in “Patent Awareness Workshop” organized by the Department of Plant Science, M.J.P. Rohilkhand University, Bareilly in collaboration with council of Science & Technology U.P. , Lucknow on 27th November, 2002.
30. Attended “Annual Convention of ISTE”, and national seminar on “Shaping technical education for the future”, during December 14-16, 2000 at Nirma Institute of Technology, Ahmedabad.
31. Participated two day training programme on “ISO- 14001 for Pollution Control Boards” organized by Confederation of Indian Industries (CII) New Delhi”, in association with the Royal Netherlands Embassy at Bangalore from 6th to 7th January 1997.
32. Participated in two days test run of training programme on “Risk Assessment in Industries” from 23rd to 24th December, 1996 organised by Environmental Training Institute, Bangalore at ETI, Bangalore



33. Participated one week in Part Time Trainers (PTTs) training programme on “Adult learning methodology” from 9th December to 13th of December 1996 held SJCE, Mysore organized, organized by Environmental Training Institute (ETI) , Bangalore from 9th December to 13th December 1996 at SJCE, Mysore.

Ms. Huma Warsi Khan

1. Attended three days Faculty Development Program on “Environmental Impact Assessment”, organised by Department of Chemical Engineering, , MJP Rohilkhand University Bareilly 26-28 March, 2015.
2. Attended workshop on “Managing Safety and Creating Safety Attitude”, organised by Rohilkhand Management Association, held at B. L Agro Oils Ltd on 6 June 2014.
3. Attended five days workshop on “Frontier Areas of Research in Department of Mechanical Engineering, MJP Rohilkhand University Bareilly, from 25 March 2014 -29 March 2014.
4. Attended six days workshop on “ Recent Advances in Organic Polymer Chemistry(RAOPC-14”, held on 17-22 Feb.,2014 organised by Department of Applied Chemistry, F.E.T MJP Rohilkhand University Bareily.
5. Attended two day workshop on “Personality Development and Soft Skills”, conducted by Department of Chemical Engineering, F..E.T MJP Rohilkhand University held on 30 Nov-1 Dec. 2013.
6. Attended workshop on “Refinery Process Technology: Advances through Research & Development”, conducted by Petrofed and LKMT in association with IOCL held on 30 July 2013.
7. Attended workshop on “Nanotechnology in Chemical Applications”, held on Feb. 27, 2013 at Z.H College of Engg. & Technology, AMU, Aligarh.

Ms. Anjali

1. Attended three days Faculty Development Program on “Environmental Impact Assessment”, organised by Department of Chemical Engineering, , MJP Rohilkhand University Bareilly 26-28 March, 2015.
2. Attended workshop on “Managing Safety and Creating Safety Attitude”, organised by Rohilkhand Management Association, held at B. L Agro Oils Ltd on 6 June 2014.
3. Attended five days workshop on “Frontier Areas of Research”. in Department of Mechanical Engineering, MJP Rohilkhand University Bareilly, from 25 March 2014 -29 March 2014.
4. Attended six days workshop on “ Recent Advances in Organic Polymer Chemistry(RAOPC-14)”, held on 17-22 Feb.,2014 organised by Department of Applied Chemistry, F.E.T MJP Rohilkhand University Bareily.
5. Attended two day workshop on “Undergraduate Education in Chemical and Material Science and Material Energy”, held on 22-23 Feb.,2014, organised by IIT Kanpur and MHRD.
6. Attended workshop on “Designing of Distillation column”, conducted by Petrofed and LKMT in association with IOCL held on 23-24 October, 2013.



7. Attended two day workshop on “Personality Development and Soft Skills”, conducted by Department of Chemical Engineering, F.E.T MJP Rohilkhand University held on 30 Nov-1 Dec. 2013.

Aradhana Kanchan

1. Attended three days Faculty Development Program on “Environmental Impact Assessment”, organised by Department of Chemical Engineering, MJP Rohilkhand University Bareilly 26-28 March, 2015.
2. Attended two day workshop on “Personality Development and Soft Skills”, conducted by Department of Chemical Engineering, F.E.T MJP Rohilkhand University held on 30 Nov-1 Dec. 2013

Ms. Parul

1. Attended two days workshop on “ASPEN-HYSYS & FLUENT”, conducted by Department of Chemical Engineering, Thapar University held on 27-28 July, 2012.
2. Attended Faculty Development Program on “MATLAB for Chemical Engineers”, conducted by Department of Chemical Engineering, Thapar University held on 27-28 June 3-5 2013.

28. Student projects

- * Percentage of students who have done in-house projects including inter-departmental projects:
N.A.
- * Percentage of students doing projects in collaboration with other universities / industry / institute:
N.A.

29. Awards/ recognitions received at the national and international level by

- * Faculty: -
 - **Ms. Huma Warsi Khan** received **Two Gold Medals** in the annual convocation by Hon’ble Vice President of India Prof. Hamid Ansari for being Faculty topper in M.Tech and Department topper in Aligarh Muslim University for session 2011-2013.
 - **Mr. Gaurav Pandey**, student 10 Batch B.Tech Chemical Engineering student received **Gold Medal** for being the Branch Topper for the session 2013-2014, in convocation held on 10th November 2014.
 - Doctoral / post doctoral fellows: - None
 - Students: - None

30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

1. Invited Lecture by Prof. I. D Mall on “**Environmental Legislation**”, and was delivered on 18 April 2015.
2. Invited Lecture by Er. N. P Rao, IFFCO Aonla on “**Fire & Safety in Chemical industries** and was delivered on 18 March 2015.



3. Three days Faculty Development Program on “**Environmental Impact Assessment**“, organised by Department of Chemical engineering from 26-28 March 2015.

Keynote speaker & their topics:

- **Prof. Mahadev Swami**, Sri Jayachamarajendra College Of Engineering: Impact of Vehicular Emission on Industrial area of Mysore City, Application of immobilised whole-self technology on the removal of phenol(s) present in waste water, Fate and their transport of fertilizer pesticides in agricultural sub soil.
 - **Prof. I. D Mall, I.I.T Roorkee**: EIA & its role in sustainable development, Environmental laws and legislation
 - **Prof. A.K Pratihari, G.B Pant University of Agriculture & Technology, Pant Nagar**: Environment related issues in the area of Refrigeration and air-conditioning
 - **Prof. Lokesh Varshney , G.B Pant University of Agriculture & Technology, Pant Nagar**: Application of Solar Energy and Performance enhancement Techniques of Solar Systems
 - **Dr. N.K Verma, Pollution Control Board, New Delhi**: Overview on Hazardous waste management in India
 - **Dr. M. Q Ansari, Scientist Central Pollution Control Board**: Laboratory management system as per ISO/IES 17025-2005
 - **Dr. Anupam Sharma, Dharam Dutt City Hospital, Bareilly**: Health and Sanitation
 - **Dr. Dinesh Saxena, Bareilly College Bareilly**: Application of Bryophytes Potentials for National Atmospheric Elemental Mapping
4. Invited Lecture under **TEQIP-II** on the topic “**Conducting Polymers**”, by **Hon’ble Vice Chancellor Prof. Mushahid Hussain** on “on 10 December. 2014.
 5. Invited lecture by **Hon’ble Vice Chancellor Prof. Mushahid Hussain** on “**Recent Development in Nanotechnology, ‘Carbon Nanotubes’, Emerging material of 21th Century for Futuristic Display Based Device**“, held on 5 September 2014
 6. Invited lecture by **Prof. I. D Mall, I.I.T Roorkee** on “**Impact of Industrialisation, Urbanisation on Sustainable development,**” held on 13 September 2014.
 7. Invited Lecture by **Prof. I. D Mall, IIT Roorkee** on “**Role of Chemical Engineers and Petroleum- Past , Present and Future**”, and **Ms. Huma Siddiqui Aligarh Muslim University, Aligarh** on “**Biofuels**” was delivered on 19 April 2014.
 8. Two day workshop on “**Personality Development-Soft Skills for organisational and academic effectiveness**” under **TEQIP-II** project was conducted on 30 November 2013 and 1 December 2013
 9. Invited lecture “**Industrial Pollution Control**” by **Prof. B. N Rai, I.I.T BHU Varanasi** & “**Instrumentation in Chemical Engineering**” by **Dr. R. S Singh, I.I.T BHU, Varanasi** was held on 16 November 2013



10. Conducted “**Investor Awareness (IAP)**”, in association with **Institute of Chartered Accounts (ICAI)**, New Delhi on 9 September, 2013.
11. Conducted lecture on “**Career counselling**” in association with “**Employment Bureau**”, MJPRU Campus for IIIrd & IVth year B. Tech Chemical Engineering student on 04 September 2013.
31. Code of ethics for research followed by the departments.
N.A.
32. Student profile program- wise: (admissions on entrance test merit basis)

Name of the Program (refer to Q. no. 4)	Applicants admitted	Selected		Pass percentage Nearly..... in all the years	
		Male	Female	Male	Female
B.Tech Chemical Engineering Second Year 13 Batch	61	50	11	100%	100%
B.Tech Chemical Engineering Third Year 12 Batch	62	47	15	100%	100%
B.Tech Chemical Engineering Fourth Year 11 Batch	56	50	6	100%	100%
B.Tech Chemical Engineering Fourth Year 10 Batch	44	37	7	100%	100%

- There were no admissions in PhD Programs from 2011-2014)

33. Diversity of students:

Name of the Program (refer to Q. no. 4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state	% of students from other countries
B. Tech Chemical Engineering Second Year 13 Batch	None	None	None	None
B. Tech Chemical Engineering Third Year 12 Batch	None	None	None	None
B. Tech Chemical Engineering Final Year 11 batch	None	None	None	None

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category – wise:
Mr. Ashok Kumar Maurya qualified GATE-2014

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M. Phil.	None
PG to Ph.D.	None
PG to Ph.D. to Post-Doctoral	None
Employed Campus selection Other than campus recruitment	Most of the aluminis are well employed
Entrepreneurs	Three students namely Mr. Ashok Kumar Maurya, Mr. Himanshu Singh, Mr. Ram Bhadra Dwivedi in Reliance Industries Ltd. and Two students Ms. Amanat Zehra and Mr. Tripuresh Tiwari in B. L Agro Oils Ltd.

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	44.4%
From other universities within the State	44.4%
From universities from other State from	11.1%
Universities outside the country	0%

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:
None

38. Present details of departmental infrastructural Facilities with regard to

- Library:
Department of Chemical engineering is having library for chemical engineering students.
- Internet facilities for staff and students in the Department:
Facility is provided to all the students and faculties.
- Total number of class rooms:
05
- Class rooms with ICT facility. :
One mini Conference hall is with ICT facility
- Students, laboratories:
Well-furnished labs for B.Tech Chemical Engineering second year students of Fluid Mechanic Lab, Fluid & Particle Mechanics Lab, Chemical Process lab, Heat Transfer



- f) Research laboratories:
None
39. List of doctoral, post – doctoral students and Research Associates
- a) From the host institution / university:
- b) From other institutions / universities:
Doctoral students from the host institution/university
40. Number of post graduate students getting financial assistance from the university:
N.A.
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
N.A.
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedback?
Feedback is regularly taken from the faculty and students as well. As per t Feedback from faculty is taken regularly. Students weaker in studies are identified and are provided special classes by the teachers.
- b. Students on staff, curriculum and teaching–learning – evaluation and how does the Department utilize the feedback?:
Feedback from students is also taken regularly. Proper heed is paid to their complaints and advices. Improvements are implemented.
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:
Feedback is taken from aluminis. An alumini form is there for Department of Chemical Engineering. New technologies/softwares told by them are considered.
43. List the distinguished alumni of the department (maximum 10):
- | | |
|--------------------------------------|------------------------------------|
| i. Mr. Amit Singh (2000 batch) | SDM, Sadar Rampur |
| ii. Mr. Himanshu Singh (10 batch) | Reliance Industries Ltd |
| iii. Ms. Vijayanta Patel (07 Batch) | RDSO, Lucknow |
| iv. Mr. Alamgir Khan(07 Batch) | IFFCO, Paradeep |
| v. Mr. Adnan Zafar Ansari(06 Batch) | ONGC, Mumbai |
| vi.. Mr. Vivekanand Yadav (06 Batch) | ONGC, Gujarat |
| vii. Mr Faizan Ahmad (06 Batch) | Government Polytechnic, Jagdishpur |
| viii. Mr. Ashfaq Ahmad (05 Batch) | Jaypee Cement, Madhya Pradesh |
| ix. Mr. Ankur Pandey(04 Batch) | Reliance Industries Ltd. |
| x. . Ms. Huma Siddiqui (03 Batch) | Government Polytechnic, Lakhimpur |



44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
1. Invited Lecture by Prof. I. D Mall on **“Environmental Legislation”**, and was delivered on 18 March 2015.
 2. Invited Lecture by Er. N. P Rao, IFFCO Aonla on **“Fire & Safety in Chemical industries** and was delivered on 18 March 2015.
 3. Three days Faculty Development Program on **“Environmental Impact Assessment”**, organised by Department of Chemical engineering from 26-28 March 2015.
 4. Invited Lecture under TEQIP-II on the topic **“Conducting Polymers”**, by Hon’ble Vice Chancellor Prof. Mushahid Hussain on 10 December. 2014.
 5. Invited lecture by Hon’ble Vice Chancellor Prof. Mushahid Hussain on **“Recent Development in Nanotechnology, ‘Carbon Nanotubes’, Emerging material of 21th Century for Futuristic Display Based Device”**, held on 5 September 2014
 6. Invited lecture by Prof. I. D Mall, I.I.T Roorkee on **“Impact of Industrialisation, Urbanisation on Sustainable development,”** held on 13 September 2014.
 7. Invited Lecture by Prof. I. D Mall, IIT Roorkee on **“Role of Chemical Engineers and Petroleum- Past , Present and Future”**, and Ms. Huma Siddiqui Aligarh Muslim University, Aligarh on **“Biofuels”** was delivered on 19 April 2014.
 8. Two day workshop on **“Personality Development-Soft Skills for organisational and academic effectiveness”**under TEQIP-II project was conducted on 30 November 2013 and 1 December 2013
 9. Invited lecture **“Industrial Pollution Control”** by Prof. B. N Rai, I.I.T BHU Varanasi&**“Instrumentation in Chemical Engineering”** by Dr. R. S Singh, I.I.T BHU, Varanasi was held on 16 November 2013
 10. Conducted **“Investor Awareness (IAP)”**, in association with **Institute of Chartered Accounts (ICAI)**, New Delhi on 9 September, 2013.
 11. Conducted lecture on **“Career counselling”** in association with **“Employment Bureau”**, MJPRU Campus for IIIrd & IVth year B. Tech Chemical Engineering student on 04 September 2013.
45. List the teaching methods adopted by the faculty for different programmes.
- a. Faculty uses Block board, OHP and LCD projectors as part of their methodology to explain the concept to students.
 - b. Multimedia demonstration.
 - c. Conducting Tutorials.
 - d. Encouraging meaningful classroom interaction by students.
 - e. Providing supplementary learning materials for better understanding.



46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- By conducting tutorials, presentations.
 - Taking feedback from students
47. Highlight the participation of students and faculty in extension activities.
1. **Ms. Sadiya Almas, B.Tech. Chemical Engineering Third year student** presented and published paper on “Biofuels”, in the conference held at JNU held on 11-12 October 2014 in “Journal of Civil Engineering and Environmental Technology”, ISSN 2349-8404.
 2. **Yash and Varsha, B.Tech Chemical Engineering first year students** presented paper on “Solar energy- The ultimate Renewable Resource”, held on 27-28 September, 2014, organised by Rajshree Institute of Management & Technology
 3. **Utkal Kumar Singh and Sonu, B.Tech. Chemical Engineering second year students** presented paper on “Computer Aided design(CAD), COMPUTER Aided Manufacturing (CAM) and its typical applications” held on 27-28 September, 2014, organised by Rajshree Institute of Management & Technology.
 4. **Saadiya Almas and Sadaf Fatima, B.Tech. Chemical Engineering third year students** presented paper on “Alternative fuel”, in national conference on Recent Engineering Trends in Energy, Environment & ecology” held on 27-28 September, 2014, organised by Rajshree Institute of Management & Technology.
 5. **Pooja Yadav and Varsha Pandey, B.Tech. Chemical Engineering final year students** presented paper on “A review on Renewable energy for reducing Air Pollution” held on 27-28 September, 2014, organised by Rajshree Institute of Management & Technology.
 6. **Industrial Training for Faculties and Students of Chemical Engineering Department** from 7-11 June 2014. Three faculties namely **Mr. M. S Karuna H.O.D, Ms. Ramita Rana (Guest Faculty) and Ms. Priyanka Gupta (Guest Faculty)** and Two students of B. Tech. II Year Chemical Engineering namely **Ms. Sadia Almas and Ms. Aaliya Javed** attended the training program .
 7. **Industrial visit to B. L Agro Oils Ltd., Parsakhera Bareilly** was arranged for **B. Tech. Chemical Engineering second year students** and three teachers namely **Mr. H. L Arora, Ms Huma Warsi Khan and Ms. Anjali,** Guest Faculties on 6 June 2014.
48. Give details of “beyond syllabus scholarly activities” of the department.
1. **“Engineers day”** was celebrated and it was organised by the Students of Chemical Engineering Department on 15 September 2014. Various events such as games like chess, badminton, poster making, debate, group discussion etc, were conducted.
 2. **“Teachers day”** was celebrated and it was organised by the Students of Chemical Engineering Department on 5 September 2014”.



3. Two day workshop on “**Personality Development-Soft Skills for organisational and academic effectiveness**” under TEQIP-II project was conducted on 30 November 2013 and 1 December 2013
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
Involved in arranging guest lectures on multidisciplinary subject such as Pollution, Petroleum, Nano technology, Solar Energy, Refrigeration & Air Conditioning from experts from I.I.T Roorkee, I.I.T B.H.U, Jamia Millia. G.B Pant University
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:
- Strength:-
- Educate students to think critically, work creatively, communicate effectively and become technologically competent.
 - Function as a visible, responsible and responsive student – centred department dedicated to academic excellence
 - Foster the cultural, ethnic, racial and gender diversities of students, faculty and staff by responding to the needs of a changing student population.
 - By recruiting highly qualified dedicated teaching faculties and skilled non-teaching staff and also giving admission to meritorious students.
 - Not only we can achieve excellence in our profession but also will have an academic atmosphere.
- Weakness:-
- No regular teaching staff.
 - Average infrastructure facilities.
 - Time allotted for extracurricular activities is inadequate.
 - Cent percent placement for students.
 - No research laboratory.
- Opportunity:-
- We can take our department to higher level of excellence by 3D's (discipline, Devotion and Dedication). And with strong academic environment amongst teaching, non-teaching staff and students.
 - R & D centre, taking project from Central Government, PSUs etc.
 - Training & Placement.
 - Chemical Engineering branch are very few in our State..
 - Provide a support environment that encourages faculty and staff to continue their intellectual and professional growth.



Challenges:-

- i. Many qualified faculties may opt for public sector, multinational companies, private institution, where there is good pay package and protection.
- ii. Promote areas with distinctive strengths for which reputation for excellence can be established..
- iii. To make department as a QIP centre.
- iv. To bring research projects.
- v. hands on experience for the students by virtue of its location.

52. Future plans of the department

1. To achieve excellence in our profession and to create an academic atmosphere, we require highly qualified teaching faculties and skilled non-teaching staff. Accreditation from NBA (National Board of Accreditation) of AICTE will be mandatory to get approval to run UG & PG courses, funds etc.
2. Once we have regular Core facilities of teaching and non-teaching staff, we can start PG Programmes and R&D Centre in our department. By taking approval from AICTE we can run PG Programmes such as M.Tech. in Chemical Engineering, Energy and Environmental Engineering, Petroleum Engineering etc.'
3. We can run PG Diploma courses such as Industrial Pollution & Control, Occupational hazards & safety in Industries, Environmental Management etc.
4. Department should conduct periodically national and international seminars.
5. Establishing R &D project from funding agencies such as AICTE, UGC, DRDO, World bank etc.
6. Consultancy project-The faculty and staff of the Department can actively engaged in providing solution to problems of industries pertaining to diverse areas of Chemical Engineering.
7. Department should conduct periodically debate, group discussion, technical quiz, seminar, technical paper presentation, sports and other extracurricular activities so that with these activities our students can utilize as training ground to develop overall personality.
8. The end and aim of the department is to make our budding technocrats as civic technocrats.



Department of Electronics & Communication

1. Name of the Department:
[Electronics & Communication](#)
2. Year of establishment:
[1995](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[UG B.Tech. Elecgnronics and Communication Engineering](#)
5. Interdisciplinary Programmes and Departments involved:
[N.A.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments.
[As per course structure](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	01	01	01
Asst. Professor	06	06	06
Others (Guest Faculty)	03	-	03



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. S.K. Tomer	M.Tech, Ph.D	Associate Professor	EC Engg	31	
Dr. Manish Rai	M.Tech, Ph.D	Assistant Professor	EC Engg		
H.K. Singh	M.Tech, pursuing Ph.D	Assistant Professor	EC Engg	12	
Chavi Sharma	M.Tech, pursuing Ph.D	Assistant Professor	EC Engg	12	
Inderpreet Kaur	M.Tech	Assistant Professor	EC Engg	09	
Sumit Srivastava	M.Tech	Assistant Professor	EC Engg	09	
Janak Kapoor	M.Tech, Ph.D	Associate Professor	EC Engg	10	

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
Nil
13. Percentage of classes taken by temporary Faculty Program – information:
34%
14. Program-wise Student Teacher Ratio:
24:01
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
03 (Regular), 06 (On contract)
16. Research thrust areas as recognized by major funding agencies:
N.A.
17. Number of faculties with ongoing projects from
a) National
b) International funding agencies and
c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

National funding agency : -
 Total grant received : -
 Name of the funding agency : -
 Project title : -

18. Inter-institutional collaborative projects and associated grants received.

a) National collaboration : -

b) International collaboration : -

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.

None

20. Research faculty / centre with

State recognition: -

National recognition: -

International recognition: -

21. Special research laboratories sponsored by / Created by industry or corporate bodies:

N.A.

22. Publications: (See Annexure 1)

* Number of papers published in peer reviewed journals (national / international):

	2011-12	2012-13	2013-14
Dr. S.K tomar	2	2	2
Dr. Manish Rai	5	3	1
Hari Kumar Singh	6	2	1
Chhavi Sharma	4	1	2
Janak Kapoor	2	0	1
Inderpreet Kaur	0	1	4
Sumit Srivastava	3	3	2

* Monographs: Nil

* Chapter in Books: None

* Edited Books: None

* Books with ISBN with details of publishers: -

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Science Directory, EBSCO host, etc.): None



- * Citation index – range / average: -
- * SNIP: Nil
- * SJR: Nil
- * Impact Factor – range / average: 1-1.5
- * h-index: -
- 23. Details of patents and income generated:
None
- 24. Areas of consultancy and income generated:
None
- 25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:
None
- 26. Faculty serving in
a) National committees b) International committees c) Editorial Boards
d) Any other (please specify):
None
- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Details of the workshops attended by faculty members:
Faculty members attend UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs time to time
- 28. Student projects
Percentage of students who have done in-house projects including inter-departmental projects:
100%
Percentage of students doing projects in collaboration with other universities / industry / institute:
Nil.
- 29. Awards/ recognitions received at the national and international level by
 - Faculty: -
 - Doctoral / post doctoral fellows: - None
 - Students: - None
- 30. Seminars/conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
- 31. Code of ethics for research followed by the departments.
N.A.

32. Student profile program- wise: (admissions on entrance test merit basis)

Name of the Program (refer to Q. no. 4)	Applicants admitted	Selected		Pass percentage Nearly..... in all the years	
		Male	Female	Male	Female
B.Tech in Electronics and communication Engineering	As per UPTU Counselling	187	61	95%	98%

33. Diversity of students:

Name of the Program (refer to Q. no. 4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state	% of students from other countries
	None	None	None	None

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:

05 Students qualified GATE 2015

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M. Phil.	None
PG to Ph.D.	None
PG to Ph.D. to Post-Doctoral	None
Employed	
Campus selection	2%
Other than campus recruitment	47%
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	1%
From other universities within the State	99%
From universities from other State from	
Universities outside the country	0%

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:

None



38. Present details of departmental infrastructural Facilities with regard to
- a) Library:
Yes
 - b) Internet facilities for staff and students in the Department:
Yes
 - c) Total number of class rooms:
05
 - d) Class rooms with ICT facility. :
01
 - e) Students, laboratories:
07
 - f) Research laboratories:
None
39. List of doctoral, post – doctoral students and Research Associates
- a) From the host institution / university:
 - b) From other institutions / universities:
Doctoral students from the host institution/university
40. Number of post graduate students getting financial assistance from the university:
N.A.
41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.
N.A.
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedback?
Yes, the feedback is utilized by continuous up gradation of the course curriculum through BOS (Board of studies) meeting held every year.
 - b. Students on staff, curriculum and teaching–learning – evaluation and how does the Department utilize the feedback?:
No
 - c. Alumni and employers on the programmes offered and how does the department utilize the feedback?:
No
43. List the distinguished alumni of the department (maximum 10):
- 1. Rahul Sirouthiya--Sr RF Engineer
ZTE(<https://www.facebook.com/rahul.sirouthiya?fref=ts>)



2. Jitendra R. S. Rajput--Engineer at **Nokia Siemens Network**(<https://www.facebook.com/jitendra.rajput.142>)
3. Namrata Baranwal-- Solutions Engineer-- **NOKIA SIEMENS NETWORKS** (<https://www.facebook.com/nam.frndzz>)
4. Danuj Kumar-- Engineer- **Global Calibration** , Ghaziabad,U.P.(<https://www.facebook.com/danuj.gangwar>)
5. MD Nasim Siddiqui--Electronics Engineer--**Taiba Contracting and Maintenance, saudi arab** (<https://www.facebook.com/md.n.siddiqui.1?fref=ts>)
6. Saquib Hasan--Engineer -- **Authentic Instrument & Automation Pvt. Ltd.** (<https://www.facebook.com/saquib.hasan.35>)
7. Vipin Mishra--Hardware Engineer--**Argus Technologies**(<https://www.facebook.com/vipin.mishra.900>)
8. Himanshu Tripathi - Electronics Engineer --**Mitutoyo corporation**(<https://www.facebook.com/himanshu.tripathi.5851>)
9. Pankaj Pandey-- Product Development Engineer--**SiCon Design Technologies PvtLtd** (<https://www.facebook.com/pankaj.pandey.52>)
10. Sher Chand Kamboj-Instrumentation and Control Engineer-- **Ghorahi Cement Industry Pvt. Ltd. (Triveni Group, Nepal) and Testing and Commissioning Engineer at ABB Ltd** (<https://www.facebook.com/sherchand.kamboj>)
44. Give details of student enrichment programs (special lectures / workshops / seminar) Involving external experts.
01 workshop on Robotics and Matlab and 01 national conference on advances in Electronics and Communication Engineering.
45. List the teaching methods adopted by the faculty for different programmes.
Classroom teaching, practical training, interactive learning through group discussions and tutorials etc.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
 - By conducting tutorials, presentations.
 - Taking feedback from students
47. Highlight the participation of students and faculty in extension activities.
48. Give details of “beyond syllabus scholarly activities” of the department.
The institution has a huge sports ground. There are well equipped gym and sports kits. Students are encouraged to participate in various zonal and inter-zonal tournaments; they are paid daily allowances and travelling expenses. Students are provided with various sports kits and equipments. They participate in inter collegiate and inter University matches. Sports week is celebrated every



week with various sports events like Long Jump, Volleyball, Table Tennis, Cricket, Chess, and Carom etc. Institute sport ground has following facilities:

- Cricket ground
- Running track
- Long jump facility
- Volleyball track
- Football ground
- Basket ball court

To manage all sport activities, a well qualified physical education faculty is. Besides this Every year, a cultural programme named “youth festival” is held to encourage students to participate in performing arts. This program is very useful to bring out latent talent of students. Various events like singing, playing musical instruments, drama, monoacting, mimicry, and dance are arranged. Personality Development activities are held on a regular basis that ensures in the holistic development in the students.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. :
In process by NBA
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- i. Good infrastructure
- ii. Qualified and experienced faculty members
- iii. Advanced laboratories
- iv. Scope of improvement in course structure every year
- v. Well placed Alumni which helps in improving the training and placements for coming batches.

Weaknesses:

- i. Lack of PG course
- ii. An academic oriented department not research oriented
- iii. Lower percentage of on campus placement
- iv. Not adequate institute-industry interaction
- v. Lack of research laboratories

Opportunities and Challenges:

- i. To continue improvement of teaching-learning process to produce technical graduates of internationally acceptable level with competitive technical knowledge, skills and attitude.
- ii. To achieve 100 % placement of our graduates.
- iii. Development of academic ambience in order to develop personality of students through various curricular, co-curricular and extra-curricular activities.
- iv. Development of faculty through qualification enhancement schemes and industrial exposure.
- v. To produce graduate, able to take individual responsibility and to work as a part of a team and able to follow and contribute to the developments in their own field recognizing the significance of lifelong learning.

50. Future plans of the department. :

- i. To introduce a PG course (M.Tech and Phd)
- ii. To develop as a research oriented department
- iii. To achieve 100 % placement
- iv. To increase institute-industry interaction
- v. Develop research laboratories



Annexure-1

Publications

Dr. S.K.Tomar

1. Shalini Agarwal, Shiv K Tomar, Alok Aggarwal, "Optimized Method of Power Control During Soft Handoff in Downlink Direction of WCDMA Systems," *Proc. Third IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2014)*, December 11-13, 2014, Wagnaghat, Solan, India. (Accepted for presentation & Publication)
2. Aggarwal Shalini, Tomar S.K., and Aggarwal Alok, "Survey and Taxonomy of Soft Handoff in 3rd Generation CDMA based System," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
3. Aggarwal, Shalini, Tomar, S., and Aggarwal, A., "Performance Analysis of Soft Handoff Algorithm Using Fuzzy Logic in CDMA Systems," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
4. Aggarwal, Shalini, Tomar, S., and Aggarwal, A., "On Challenges and Opportunities in Second Wave of ICT Revolution for South Asian Countries,"



Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012), December 6-8, 2012, Wagnaghat, Solan, India.
(Accepted for presentation)

5. Aggarwal, Shalini, Tomar, S., and Aggarwal, A., "Trends in Power Control During Soft Handoff in Downlink Direction of 3G WCDMA Cellular Networks," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
6. Aggarwal, Shalini, Tomar, S., and Aggarwal, A., "Soft handoff effects in downlink direction of WCDMA cellular networks under different power control conditions," *Proc. IEEE Int. on Signal Processing, Computing and Control*, March 15-17, 2012.

Dr. Manish Rai

1. "Performance Improvement of DS-CDMA Wireless Communication Networks with Convolutionally Encoded OQPSK Modulation Scheme" published in International Journal of Advances in Engineering & Technology, March 2011, vol1, issue 1, pp.28-33, ISSN no: 2231-1963.
2. 18. "Analysis of DS-CDMA System with Phase Synchronization Errors For Selection Diversity Scheme" accepted in 2011 2nd International Conference on Advances in Energy Engineering (ICAEE2011) sponsored by Elsevier to be held from 27th – 28th December 2011 in Bangkok, Thailand.
3. 19. "Performance Improvement of DS-CDMA Wireless Communication Network with Convolutionally Encoded MSK Modulation Scheme", published in Journal of Telecommunications (JOT), pp: 33-37, vol:10, issue:2, December 2011.
4. 20. "Analysis of Performance Improvement Using GMSK Modulation Technique in Wireless DS-CDMA Communication Systems" published in International Journal of Engineering Science and Technology(IJEST) ,ISSN No: 0975-5462, vol:4 ,No:4, May 2012 ,pp:1864-1868.
5. "Performance Evaluation of Rake and Pre-rake Receiver for Wireless DS-CDMA System" IJET UK, International Journal of Engineering and Technology, accepted for publication in Vol.6, June 2012.
6. "Performance Analysis of Modulation Techniques in MIMO Rician Channel for WCDMA System", published in International Journal of Engineering Research and Development e-ISSN: 2278-067X, p-ISSN: 2278-800X, Volume 4, Issue .7., PP. 17-20, October 2012 .
7. "Comparative Analysis of Daubechies Wavelets in OWDM with OFDM for DVB-T", published in International Journal of Scientific & Engineering Research (IJSER), vol:4, issue: 3, March 2013 with ISSN 2229-5518.
8. "Comparative Analysis of Coiflet Wavelets in OWDM with OFDM for DVB-T", published in International Journal of Engineering Research & Technology (IJERT) , vol:2, issue: 3, March 2013 with ISSN 2278-0181.
9. "Comparative Analysis of Different Wavelets in OWDM with OFDM for DVB-T", published in International Journal of Advancements in Research & Technology, Vol: 2, Issues 3, March-2013, ISSN No: 2278-7763.

10. “Effects of sectoring on capacity of CDMA multi-hop communication network”, published in International Journal of Electronics and Computer science Engineering, pp: 1111-1116, Vol:2, September 2013, ISSN No: 2277-1956.
11. “Analysis of Power Control Algorithm for DS-CDMA” published in Research Inventy: International Journal Of Engineering And Science Vol.3, Issue 9 (September 2013), pp. 37-43 ISSN(e): 2278-4721, ISSN(p):2319-6483.
12. 28: “Performance of Power Control Algorithm for DS-CDMA on Reverse Link” published in International Journal of Electronics Communication and Computer Engineering Volume 4, Issue 5, ISSN (Online): 2249–071X, ISSN (Print): 2278–4209.

Mr. Hari Kumar Singh

1. Technical Paper entitled “*Morphological Segmentation and Gradient of Multispectral Image of Bareilly Region*” Proceeding of Journal IJCA, July 2012, published by foundation of C.S, NEW York, USA.
2. Technical Paper entitled “*Analysis of Satellite Image Data using Artificial Neural Network*”, Proceeding of conference on Software Applications in Engineering and Technology (SAET-2012), 17, Feb, 2012 MJP Rohilkhand University, Bareilly.
3. Technical Paper entitled “*Optimizing Satellite Communications with Adaptive and Phased Array” Antennas,*” Proceeding of conference on Software Applications in Engineering and Technology (SAET-2012), 17, Feb, 2012 MJP Rohilkhand University, Bareilly.
4. Technical Paper entitled “*Analysis of Remote Sensed Data Using Neuro- Fuzzy Algorithm: A Case Study of Bareilly Region*”, Proceeding of International conference on innovations and advancements in information and communication technology (ICIAICT-2012), 30-31march, 2012, PP-180-189. Greater Noida.
5. Technical Paper entitled “*Discrete Cosine transform And Discrete Fourier Transform of RGB image*” in proceeding of Journal IJCA, May 2012, published by foundation of C.S, NEW York, USA.
6. Technical Paper entitled “*Analysis of Remote Sensed Data using Hybrid Intelligence System: A Case Study of Bhopal Region*”, proceeding of National Conference on Future Aspects of Artificial Intelligence in Industrial Automation (NCFAAIIA-2012), in proceeding of IJCA, IEEE sponsored, 19-20, May, 2012, Graphic Era University, Dehradun.
7. Technical Paper entitled “*Analysis of Multispectral Image using Discrete Wavelet Transform*”, in proceeding of IEEE Xplore, 2013, ISSN-2337-0632, PP-59-62.
8. Technical Paper entitled “*Characterization of field soil using Sonic Wave*” in proceeding of NS-RTCC, held at Invertis University on NOV 16 & 17, 2013.

Mrs Chhavi Sharma

1. Pankaj Kumar Sharma, R.K. Nagaria, T.N.Sharma, Chhavi Sharma, “ Power Efficiency Improvement in OFDM System Using PTS with Minimal Control Synthesis Method, MIT *International Journal of Electronics & Communication*



Engineering (MITIJEC) Vol.01,No.01, pp.44-50,January,2011 ,(ISSN No. 2230-7664(Print Version) &2230-7672(Online Version)

2. Chhavi Sharma ,S.K.TOMAR, A.K.Gupta “ PAPR Reduction in OFDM System using Adapting Coding Technique with Pre distortion Method, WSEAS Transactions of communication ,Issue 9,volume 10,September 2011,ISSN NO. 1109-2742
3. Chhavi Sharma , Dr. Pankaj Sharma, S.K.Tomar “A ZCMT Precoding based PTS techniques for PAPR reduction in OFDM system” International journal on computer applications IJCA 0975-8887Jan 2014
4. Chhavi Sharma ,Dushyant Kumar Singh,anjula singh &Ajay Kumar Singh “A new wave of Digital Technology-5G and Beyond”International Journal of Electrical and Electronics Engineers(IJEEE), ISSN No.2321-2055.,vol.no.7, issue01,june-2015
5. Chhavi Sharma ,Pankaj Kumar Sharma, S.K.Tomar “ Nonlinear Distortion Reduction for Power Efficiency Improvement in OFDM System by Pre-distortion Technique with SSPA Model using Neural Network, International Conference on Sunrise Technologies (i-COST-2011),SSVPS's B.S.DEORE College of engineering & polytechnic,Dule,-India, January 13-15,2011.
6. Pankaj Kumar Sharma, R.K. Nagaria, Chhavi Sharma, T.N.Sharma, “Nonlinear Distortion Reduction in OFDM System using Nonlinear Capacitance Cancellation Technique ” accepted in International Conference on Advances in Electrical & Electronics Engineering (ICAEEE-2011), MIT ,Moradabad, February 25-26,2011.
7. Sharma, C.; Sharma, P.K.; Tomar, S.K.; Gupta, A.K. “A modified Iterative Amplitude clipping and filtering technique for PAPR reduction in OFDM systems” , Digital Object Identifier: 10.1109/ETNCC.2011.6255922, Publication Year: 2011 , Page(s): 365 – 368

Mr. Janak Kapoor

- 1 Miniaturization of microstrip patch antenna: International conference on advances in computer science and electronics engineering 2012
- 2 Miniaturization of microstrip patch antenna obtained by patch meandering and shorting pin loading technique: Journal of Natural and physical sciences ISSN 097-3799.
- 3 Miniaturization of microstrip patch antenna obtained by patch meandering: National seminar on innovations and appications in engineering and applied sciences 2011.
- 4 Design and analysis of circular slotted patch microstrip antenna for WiMax application: Proceeding of National conference on advances in Electronics and communication Engineering (AECE-14) 27-28, Mar, 2014 MJP Rohilkhand University, Bareilly.
- 5 Design of Microstrip patch antenna using non conventional Teflon substrate: Proceeding of National conference on advances in Electronics and



communication Engineering (AECE-14) 27-28, Mar, 2014 MJP Rohilkhand University, Bareilly.

Mr. Sumit Srivastava

- 1 Presenting a paper in National Seminar on “Simulation of Dual Band Dual Slot Micro Strip Antenna for Wireless Communication” will held on 2-3 April 2011 at VCE, Meerut.
- 2 Presenting a paper in National Conference on “Dual Band S Shape Micro strip Antenna For Wireless LAN” will held on 14-15 April 2011 at Delhi (by ICEIT).
- 3 Present a paper on “Simulation of S-shape Multiband Micro strip Antenna Using IE3D” in National Conference (NSI-36) held in Invertis University, Bareilly on 20-22 Oct, 2011.
- 4 Present a paper on “Performance of Rectangular Microstrip Antenna Loaded with Three Slots” in National Seminar SAET held in MJPRU, Bareilly on 17 Feb, 2012.
- 5 Present a paper on “Generation of Mobile Wireless Technology” in National Seminar SAET held in MJPRU, Bareilly on 17 Feb, 2012.
- 6 Present a paper on “Analysis of Rectangular Microstrip antenna with multi slots” in National Conference (Advanced Technologies in Electronics And Communication) held in BBDIT, Gaziabad on 15-16 March, 2013.
- 7 Present a paper on “Analysis of multiband microstrip antenna” in National Conference (NCECS-2013) held in Indraprastha Engineering College, Gaziabad on 5-6 April, 2013.
- 8 A paper on “Analysis of BroadBand Rectangular Microstrip Antenna loaded with X slot” is published in International Journal of Emerging Trends in Electrical and Electronics (IJETEE), (ISSN: 2320-9569) Vol. 4, Issue. 1, June-2013.
- 9 Present a paper on “Analysis and Study of a Low-cost Microstrip Patch Array Antenna” in National Seminar on Recent Trends in Computing And Communication held in Invertis University, Bareilly on 16-17 November, 2013.
- 10 Present a paper on “Compact High Gain Two Element Microstrip Antenna Array For Wireless Applications” in National Conference on Advance in Electronics and Communication Engineering held in MJPRU, Bareilly on 27-28 March, 2014.
- 11 A paper on “Low Cost E-shaped Microstrip Patch Antenna Array For WLAN” is published in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), (ISSN (Print) : 2320-3765, ISSN (Online): 2278-8875), vol. 3, Issue. 4, April-2014.
- 12 Present a paper on “Design and Analysis of Rectangular Patch Micro Strip Antenna with Defected Ground Plane for WiMAX applications” International Conference on Emerging Trends in Electrical, Electronics and Computing Technologies (DIGNATE-2014) held in India International Centre, Lodhi Road, New Delhi on 18-19 October, 2014 (ISBN: 978-93-5196-068-3).



Department of Electronics & Instrumentation

1. Name of the Department:
[Electronics & Instrumentation](#)
2. Year of establishment:
[1995](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG,PG,M.Phil.,Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[UG B.Tech. Elecgtronics and Instrumentation Engineering](#)
5. Interdisciplinary Programmes and Departments involved.:
[N.A.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments.

Course/Labs	Offered to B.Tech. courses of Department of
Basic Electronics Engineering and Its Lab.	Mechanical Engg. (ME), Chemical Engg. (CE), Computer Science and Information Technology(CSIT), Electrical Engg.(EE) and Electronics and Communication Engineering (ECE)
Analog Electronics and Its Lab.	ECE, EE, CSIT
Linear Integrated Circuit and Its Lab.	ECE and EE
Microprocessors and Their Applications and its Lab.	ECE, EE, ME and CSIT

Microcontrollers and Embedded System and Its Lab.	ECE
Analytical Instrumentation	Pool Elective*
Virtual Instrumentation	Pool Elective*
PCB Design and Technology	Pool Elective*
Instrument Design and Reliability	Pool Elective*

*pool elective subjects are offered as optional subject to student of all department.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	Nil	Nil
Associate Professor	4	3	03
Asst. Professor	8	6	06
Others (Guest Faculty)	04	04	04

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. Sanjeev	PhD (Electronics Engineering) M.Tech	Reader/ Associate Professor	Optoelectronic Semiconductor devices/ Instrumentation/ Calibration	Research : 3-1/2 years Teaching: 13 years	one
Mr. Yatendra Kumar	M.Tech B.Tech	Reader/ Associate Professor	Microprocessor & Microcontroller, Antenna Engineering and Microwave Engineering	Teaching: 13 Years	Nil



Mr. Yograj Singh Duksh	PhD (Pursuing) M.Tech B.Tech	Reader/ Associate Professor	Nano electronics based VLSI Inductor Design, Electronics and Measurement & Instrumentation Technique	Teaching: 13 years	Nil
Mr. Anil Kumar Singh	PhD (Pursuing) M.E.B.Tech	Assistant Professor	Electronics and Instrumentation and Microwave	Teaching: 13 years	Nil
Dr. Reena Pant	PhD B.Tech	Assistant Professor	Basis Electronics, Electronics and instrumentation	Teaching: 13 years	Nil
Dr. Ruchir Gupta (on leave)	PhD M.Tech B.Tech	Assistant Professor	Electronics and instrumentation, Computer Science & Engineering	Teaching: 7 years	Nil
Mr. Ashish Kumar Jain (on leave)	PhD ME B.Tech.	Assistant Professor	Optimization Techniques, Control Eng., Measurement & Instrumentation Techniques.	Teaching: 10 years	Nil
Mr. Rakesh Kumar Maurya	PhD (Pursuing) M.E.B.Tech	Assistant Professor	Electronics and instrumentation, ANN and Fuzzy Logic	Teaching: 13 years	Nil
Mr. Ajay Yadav	M.E (Pursuing) B.E	Assistant Professor	Instrumentation and control	Teaching: 2+7=9 years	Nil

* 04 Guest faculty are also serving in the department.

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:
No

13. Percentage of classes taken by temporary faculty: 40%
14. Program-wise Student Teacher Ratio:
B.Tech. (EI) : 24:1 (*including 04 Guest faculty)
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:
No details of sanctioned post available. Technical staff: 02 (01 permanent+1 temporary)
16. Research thrust areas as recognized by major funding agencies:
(a) Optoelectronics Semiconductor Device modeling for Mid-infrared.
(b) Microwave Engg.
(c) Nanotechnology
17. Number of faculty with ongoing/completed projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: 02

S. N.	Title of Project	Funding Agency/ Ref.	Duration/ Amount	PI/Year
1.	Modeling of Injection Laser Diodes for Free Space Optical Communication in Mid-infrared (3-5 μ m) Spectral Region	FAST Scheme SERC, DST, New Delhi [Ref: SR/FT/ET-036/2009 dtd. 10/9/2009]	3 years/ 6.3 Lacs.	Dr. Sanjeev (2009-2011) completed
2.	Analytical Modeling of Laser Diodes for Gas Sensor Instrumentation and Free Space Optical Communication in Mid-infrared (2-5 μ m) Spectral Region.	UGC, New Delhi [F.No. 39-993/2010(SR) dtd. 12/1/2011]	2 years/ 0.70 Lacs.	Dr. Sanjeev (2011-13) Completed
3.	Computer Simulation of Long-Wavelength Vertical Cavity Surface Emitting Lasers (VCSELs) for Optoelectronics Applications	Council for Science and Technology- Uttar Pradesh, Lucknow [No. CST/597 dtd. 8/6/2011]	03 years/ 8.76	Dr. Sanjeev (2012-2015) Completed
4.	Circuit modelling and performance analysis of single walled carbon nano tubes for the application of the future VLSI interconnects	UGC, New Delhi [F.No. 39-994/2010(SR) dtd. 12/1/2011]	2 years/ 0.70 Lacs.	Mr. Yograj Singh Duksh (2011-13) completed



18. Inter-institutional collaborative projects and associated grants received:
- a) National collaboration: No
 - b) International collaboration: No
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil
20. Research facility / centre with
- State recognition : No
 - National recognition: No
 - International recognition: No
21. Special research laboratories sponsored by / created by industry or corporate bodies: Optoelectronic Research Lab by funding from DST New Delhi, UGC New Delhi & UPCST Lucknow
22. Publications: Number of papers published in peer reviewed journals (national/international): **10**
1. Sanjeev and P. Chakrabarti, "Numerical simulation of P+-InAs_{0.36}Sb_{0.20}P_{0.44}/n₀-InAs/n+-InAs SH-LED for mid-infrared applications," *Optoelectronics and Advanced Materials-Rapid Communication*, (ISSN:1842-6573), vol. 4, iss. 3, pp. 280-284, March 2010.(Impact factor: 0.477)
 2. **Yograj Singh Duksh**, Brajesh Kumar Kaushik, Sankar Sarkar, and Raghuvir Singh, "Performance comparison of carbon nanotubes, nickel silicide nanowire and copper VLSI interconnects: perspectives and challenges ahead", *Journal of Engineering, Design and Technology (JEDT), Emerald*, United Kingdom, Vol. 8, No. 3, pp.334-353, October 2010, DOI: 10.1108/17260531011086199.
 3. **A. K. Singh**, Binod K. Kanaujia and Babau R. Vishvakarma, "Analysis of Tunnel Diode loaded annular ring microstrip antenna Frequency agile operation," *International Journal of Emerging Microwave and Optical Technology* vol. 1, no. 3, pp. 13-17, 2011.
 4. **Yograj Singh Duksh**, Brajesh Kumar Kaushik, Sankar Sarkar, and Raghuvir Singh, "Analysis of Propagation Delay and Power with Variation in Driver Size and Number of Shells in Multi Walled Carbon Nanotube Interconnects," *Journal of Engineering, Design and Technology (JEDT), Emerald*, United Kingdom, Vol. 11, No.1, pp.19-33, March 2013, DOI: 10.1108/17260531311309107.
 5. Sanjeev and P. Chakrabarti, "ATLAS Simulation of a Laser Diode for Free Space Optical Communication (FSOC) in Mid-infrared Spectral Region," *Optoelectronics Review* (ISSN:1230-3402), Volume 22, Issue 3, pp. 147-151, September 2014.(Impact factor: 1.279)
 6. Sanjeev and P. Chakrabarti, "Numerical Modeling of an InAsSb/InAsSbP Double Heterojunction Light Emitting Diode for Mid-Infrared (2-5 μ m) Applications," *Infrared Physics and Technology* (ISSN:1350-4495), *Infrared Physics and Technology*, vol. 67, pp. 382-386, November 2014 (Impact factor: 1.460).

7. **A. K. Singh**, Ravi Kumar Gangwar, Binod K. Kanaujia, “Wideband and Compact Slot Loaded Annular Ring Microstrip Antenna using L-Probe Proximity-Feed for Wireless Communications,” *International Journal of Microwave and Wireless Technologies*, Cambridge University Press and the European Microwave Association, pp. 1-9, 2015, doi:10.1017/S1759078715000446.
8. **A. K. Singh**, Ravi Kumar Gangwar, Binod K. Kanaujia and Abhishek Sharma, “Design and Analysis of Cavity backed Annular Ring Microstrip Antenna,” *Wireless Personal Communication*, Springer, DOI 10.1007/s11277-015-2561-5, April 12, 2015.
9. **A. K. Singh**, Ravi Kumar Gangwar, Binod K. Kanaujia, “Orthogonal Slot Loaded Coaxially Stacked Annular Ring Antenna with Circular Patch for Multiband Application,” *Journal of Electromagnetic Waves and Applications*, Taylor & Francis, DOI: 10.1080/09205071.2015.1054956, 2015.
10. **Yograj Singh Duksh**, Brajesh Kumar Kaushik, and Rajendra Prasad Agarwal, “FDTD Technique based Crosstalk Analysis of Bundled SWCNT Interconnects,” *Journal of Semiconductors (JOS)*, China, Vol. 36, No. 5, pp. 055002-1-055002-9, May 2015, DOI: 10.1088/1674-4926/36/5/055002.

- Monographs: No
 - Chapters in Books: No
 - Edited Books: No
 - Books with ISBN with details of publishers: No
 - Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): No
 - Citation Index – range / average: No
 - SNIP: No
 - SJR: No
 - Impact Factor – range / average: 2.2
 - h-index : No
23. Details of patents and income generated: No
 24. Areas of consultancy and income generated: No
 25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: No
 26. Faculty serving in
 - a) National committees: No
 - b) International committees: No
 - c) Editorial Boards: No



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs): Following Faculty members attended the training programmes/workshops etc:

(a) Dr. Sanjeev:

- [1] Two weeks AICTE sponsored Staff Development Programme (SDP) on, 'Recent Trends in Wireless Communication and Techniques (RTWCT-2012), at Galgotias College of Engg. & Tech., Greater Noida, 2-15 July 2012.
- [2] One week Faculty Development Programme on, 'Matlab and Simulink Programming' organised by Department of CSIT, MJP Rohilkhand University, Bareilly in association with National Institute of Electronics and Information Technology (NIEIT) Gorakhpur centre from 04-08 Feb. 2014.
- [3] One week international workshop under Faculty Development Programme of TEQIP-II on, 'Materials: Characterisation, properties and applications in technology (FMCPAT-14),' organised by Department of Applied Physics, MJP Rohilkhand university, Bareilly from 17-22 July 2014.

(b) Mr. Yograj Singh Duksh:

- [1] Attended an *IEEE Circuits and Systems Society* Sponsored two days **Workshop** on "**Advanced Topics in VLSI Circuit Design**" held on October 18-19, 2014, organized by Department of Electronics and Communication Engineering, Indian Institute of Technology, Roorkee, India
- [2] Attended an *IEEE Electron Device Society* Sponsored one day **Mini-Colloquium** on "**Nanoscale Device Physics and Reliability**" held on September 19, 2014, organized by Department of Electronics and Communication Engineering, Indian Institute of Technology, Roorkee, India.
- [3] Attended an IEEE Electron Device Society Sponsored one day **Short Course** on "**Nanotechnology Journey from Quantum Physics to Nanoengineering**" held on April 02, 2014, organized by Department of Electronics and Communication Engineering, Indian Institute of Technology, Roorkee, India
- [4] Attended one week (05 days) TEQIP Sponsored Faculty Development Program on "**MATLAB AND SIMULINK PROGRAMMING**" held during February 04-08, 2014 at Department of Computer Science and Information Technology, MJP Rohilkhand University, Bareilly in collaboration with NIELT, Gorakhpur, Ministry of Communication and Information Technology, New Delhi.
- [5] Attended one week (**05 days**) QIP-AICTE Sponsored short term course on "**Design Issues for VLSI and Nanoscale Circuits and Systems**" held



during June 14–18, 2010 at Quality Improvement Programme Centre, Indian Institute of Technology Roorkee, India.

- [6] Attended one week (**05 days**) MHRD/AICTE Sponsored Summer School on “**VLSI Design & Optimization Techniques (VDOT-2009)**” held during July 06-10, 2009 at Department of Electronics & Communication Engineering, National Institute of Technology, Hamirpur, Himachal Pradesh -177005.
- [7] Attended one week (**05 days**) MHRD/AICTE Sponsored Summer School on “**Engineering Applications of EDA Tools Verilog & SPICE (EDAT-09)**” held during July 13–17, 2009 at Department of Electronics & Communication Engineering, National Institute of Technology, Hamirpur, Himachal Pradesh -177005.
- [8] Attended two weeks (**10 days**) MHRD/AICTE Sponsored Summer School on “**Design Techniques for VLSI & Nanotechnology**” held during July 12-21, 2008 at Department of Electronics & Communication Engineering, National Institute of Technology, Hamirpur, Himachal Pradesh - 177005.
- [9] Attended **one day** National Level **Workshop** on “**Current Trends in CAD Tools for VLSI Design**” held on 12th April, 2007, organized by Centre for Development of Advanced Computing (C-DAC), Noida.
- [10] Attended **one day** National Level **Workshop** on “**Personality and Attitude Development**” held on 28th October, 2007, organized by Teerthanker Mahaveer Institute of Management & Technology, Moradabad.
- [11] Participated Pre Conference Tutorial and Conference Session of Fourteenth “**National Power System Conference (NPSC-2006)**” held during December 26-29, 2006 at Department of Electrical Engineering, Indian Institute of Technology Roorkee, India.

(c) Mr. Anil Kumar singh:

- [1] One Week Faculty Development Program on MATLAB and Simulink Programming organized by CSIT department, FET, M.J.P. Rohilkhand University, Bareilly, 04-08 Feb 2014.
- [2] One Week Faculty Development Program on Frontier Areas of Research in Mechanical engineering organized by Mechanical engineering department, FET, M.J.P. Rohilkhand University, Bareilly, 25-29 March 2014.
- [3] One week international conference cum Indian Antenna Week (IAW-2014), organized by NITTTR, Chandigarh, 26-30 May 2014.
- [4] One week workshop on “Microwave Instrumentation and Simulation Tools” (MIST-2014), organized by Electronics engineering department, ISM Dhanbad, 30 June-04 July, 2014.
- [5] One week international workshop on “Futuristic Material Characterization, Properties and Applications in Technology”



(FMCPAT-14), organized by Applied Physics department, FET, M.J.P. Rohilkhand University, Bareilly, 17-22 July, 2014.

- [6] One day workshop on “RF & Microwaves for the Cellular and Industrial Applications” organized by electronics department, AIACTR, New Delhi, 13 December, 2014.

(d) Mr. Yatender Kumar:

- [1] One Week Faculty Development Program on MATLAB and Simulink Programming organized by CSIT department, FET, M.J.P. Rohilkhand University, Bareilly, 04-08 Feb 2014.
- [2] One week international workshop on “Futuristic Material Characterization, Properties and Applications in Technology” (FMCPAT-14), organized by Applied Physics department, FET, M.J.P. Rohilkhand University, Bareilly, 17-22 July, 2014.

(e) Mr. Ajay Yadav:

- [1] One Week Faculty Development Program on MATLAB and Simulink Programming organized by CSIT department, FET, M.J.P. Rohilkhand University, Bareilly, 04-08 Feb 2014.
- [2] One week international workshop on “Futuristic Material Characterization, Properties and Applications in Technology” (FMCPAT-14), organized by Applied Physics department, FET, M.J.P. Rohilkhand University, Bareilly, 17-22 July, 2014.

28. Student projects:

Percentage of students who have done in-house projects including interdepartmental projects: 100%

Percentage of students doing projects in collaboration with other universities / industry / institute: Nil

29. Awards / recognitions received at the national and international level by

Faculty: No

Doctoral / post-doctoral fellows: No

Students: No

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:
No

31. Code of ethics for research followed by the departments:
NA

32. Student profile programme-wise:

Name of Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Tech EI (final year)	61	48	13	99	100
B.Tech EI(Third year)	54	44	10	99	100
B.Tech EI (Second year)	58	45	13	99	100
B.Tech EI (First year)	60	51	9	99	100

33. Diversity of students

Name of Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from other universities outside the state	% of students from other countries
B.Tech	Nil	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:

Civil Services	0
Defense Services examinations	2
GATE/ SET/ NET	1-GEN , 1- OBC & 1-SC

35. Student progression

Student progression	Percentage against enrolled
UG to PG	zero
PG to M. Phil.	zero
PG to Ph.D.	zero
PG to Ph.D. to Post-Doctoral	zero
Employed	6%
Campus selection	
Other than campus recruitment	10%
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	55.6%
From other universities within the State	22.2%
From universities from other State from	22.2%
Universities outside the country	0%



37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Name	Degree	Specialization	Year of completion
Dr. Sanjeev	Ph.D.	Electronics Engg.	2012
Dr. Reena Pant	Ph.D.	Electronics Engg.	2013

38. Present details of departmental infrastructural facilities with regard to

- Library: FET Library
- Internet facilities for staff and students: Available
- Total number of class rooms: 04
- Class rooms with ICT facility: 01
- Students' laboratories: 08
- Research laboratories: 01

39. List of doctoral, post-doctoral students and Research Associates

- a. from the host institution/university: Nil
- b. from other institutions/universities: Nil

40. Number of post graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: N.A.

42. Does the department obtain feedback from?

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?:

Yes. The feedbacks are discussed in the BOS to modify the curriculum as and when needed.

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

No

Alumni and employers on the programmes offered and how does the department utilize the feedback?

No

43. List the distinguished alumni of the department (maximum 10)

Name of alumni	Organization
Ms. Deepali Mishra	TCS
Mr. Kishan Kumar Jha	Fox Petroleum Limited

Mr. Sanjeev Kumar	ONGC
Mr. Saurabh Malviya	Indian Army
Mr. Arpit Srivastav	LG Electronics
Ms. Sayantani Ganguly	Honeywell
Mr. Manish Kumar	SAIL
Ms. Swati Goel	TCS
Mr. Pankaj Pandey	AMD India Ltd.
Arnit Yadav	TCS

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

Special Lectures	How to improve your communication skills, How to face job interview dated 21/09/2013
Workshops	Industrial Automation and Embedded System & Robotics on 27/02/2013
Seminar	Aspiring Minds on 6/02/2014

45. List the teaching methods adopted by the faculty for different programmes:

- Class room teaching
- Tutorial session for each subject.
- Teaching through LCD projector for better illustration
- Interactive lectures for better students-teachers interaction
- Topic presentation by each student.
- Topic revision through Home Assignment.
- Experimental approach of teaching.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :

Continuous feedbacks are taken from students regarding the curriculum and teaching in each semester. The two mid-semester tests are organized to monitor the learning outcome. Also some surprise tests are conducted in each subject of study.

47. Highlight the participation of students and faculty in extension activities:

Nil

48. Give details of “beyond syllabus scholarly activities” of the department:

Mock Interview from 10/09/2013-24/09/2013;

Aptitude based classes: from 06/09/2013 to 20/09/2013.



49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: **No Please**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
Students are trained with the latest technologies in the field of electronics and instrumentation at par to the industrial needs. Product design lab and project lab are conducted for enriching the basic and applied knowledge in the field of study.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Opportunities :**
- Well qualified Faculty members**
 - Industry oriented curriculum**
 - Strong Lab. Set up with computer facility**
 - Stress on extra-curriculum activities**
 - Well settled Alumni.**
- Challenges:**
- No Senior faculty member at Professor Level.**
 - Absence of PG programme**
 - No separate budget for department upgradation.**
 - No Regulated power supply**
 - Insufficient Technical staff.**
52. **Future plans of the department:**
- To Start M.Tech. programme**
 - To start Ph.D in Electronics and Instrumentation Engg.**
 - To have faculty members at senior level**
 - To establish Centre of Excellence in Instrumentation.**
 - To establish Instrument Maintenance Facility/University Science Instrumentation Centre.**
 - To submit more and more consultancy/research project to various industries/ funding agencies.**
 - To establish the Chapters of various professional Societies.**



Department of Electrical Engineering

1. Name of the Department:
[Electrical Engineering](#)
2. Year of establishment:
[1996](#)
3. Is the Department part of a School/Faculty of the university?
[Faculty of Engg. & Tech.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :
[UG \(B.Tech. : Electrical Engg.\)](#)
5. Interdisciplinary programmes and departments involved :
[EC, EI, ME, CSIT, CH & Basic Sciences.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc. :
[NIL](#)
7. Details of programmes discontinued, if any, with reasons :
[NIL](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :
[Semester System](#)
9. Participation of the department in the courses offered by other departments:
[As mentioned in sub para \(5\), the department contributes theoretical & lab courses as part of the course structure of B.Tech Programme. of other branches/ departments.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including Filled CAS & MPS)
Professor	02	01	01
Associate Professors	04	01	01
Asst. Professors	08	07	07
Others	----	----	----



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. A.K. Gupta	Ph.D.	Professor	Power electronics	27	
Mr. D.D. Sharma	M.Tech.	Asso. Professor	Instrumentation & Control	14	
Mr. Sanjay Singh	M.E.	Asst. Professor	Power System	17	
Mr. M.A. Ansari	B.Tech.	Asst. Professor	Instrumentation & Control	14	
Mr. Rishi Pal	M.Tech.	Asst. Professor	Power system	14	
Mr. A.R. Ansari	M.E.	Asst. Professor	Electrical Drives	06	
Mr. Atul Katiyar	M.Tech.	Asst. Professor	Control & automation	06	
Mr. Atul Sarojwal	B.Tech.	Asst. Professor		06	
Mr. Ashish Sankhwar	M.Tech.	Asst. Professor	Industrial electronics & control	06	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **NIL**

13. Percentage of classes taken by temporary faculty – programme-wise information:
30% (Approx)

14. Programme-wise Student Teacher Ratio:
24:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

	Sanctioned	Filled
Technical	03	03
Admin	01	00

16. Research thrust areas as recognized by major funding agencies: **NIL**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : **NIL**



18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration: **NIL**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **NIL**
20. Research facility / centre with
☐ State recognition
☐ National recognition
☐ International recognition
NIL
21. Special research laboratories sponsored by / created by industry or corporate bodies: **NIL**
22. **Publications:**
* Number of papers published in peer reviewed journals (national/international)
* Monographs -
* Chapters in Books-
* Edited Books-
* Books with ISBN with details of publishers-
* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International SocialSciences Directory, EBSCO host, etc.)-
* Citation Index – range / average-
* SNIP-
* SJR-
* Impact Factor – range / average-
* h-index-
23. Details of patents and income generated: **NIL**
24. Areas of consultancy and income generated: **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: **NIL**
26. Faculty serving in
a) National committees b) International committees c) Editorial Boards
d) any other (please specify): **NIL**



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs)
- UGC ASC orientation/ refresher programs.
 - AICTE approved/ sponsored short term courses at IITs, NITTTR and other colleges.
 - Faculty development programs conducted under TEQIP-II.
 - Workshops
 - Industry institute interaction activities.

28. Student projects

Percentage of students who have done in-house projects including interdepartmental projects : 100%

Percentage of students doing projects in collaboration with other universities / industry / institute : NIL

Awards / recognitions received at the national and international level by Faculty : NIL

Doctoral / post doctoral fellows: NIL

Students: III year students received second prize in robotics workshop conducted at IISc Bangalore in 2014-15

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any. : NIL

31. Code of ethics for research followed by the departments: NA

32. Student profile program-wise: Students are admitted through UPSEE conducted by UP Technical University Lucknow. Hence their applications/records/data are available with UPTU.

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. Diversity of students: NA

Name of Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from other universities outside the state	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations?

NET, SET, GATE and other competitive examinations? Give details category-wise.

Year	Competition/ Organization	No. of students	Category
2014	GATE	05	GEN-2 ,OBC-3
	SAIL	01	GEN-1
	NET	01	GEN-1

35. Student progression

Student progression Percentage against enrolled				Student progression Percentage against enrolled		
UG to PG				PG programs not being conducted. Data not for available for pass out students.		
PG to M.Phil.				Same as in above		
PG to Ph.D.				Same as in above		
Ph.D. to Post-Doctoral				Same as in above		
Employed ❑ Campus selection ❑ Other than campus recruitment	2010	2011	2012	2013	2014	
					03	
Entrepreneurs	Data not for available for pass out students.					

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	37.5%
from other universities within the State	37.5%
from universities from other States from	25%
universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- A.K. Sankhwar was awarded M.Tech from UPTU in industrial Electronics & Control in Feb 2014.
- Atul Katiyar was awarded M.Tech from IITD in Control & Automation in June 2014.



38. Present details of departmental infrastructural facilities with regard to
- | | | |
|---|---|--------------------|
| a) Library | : | 75 Books |
| b) Internet facilities for staff and students | : | Available |
| c) Total number of class rooms | : | 05 |
| d) Class rooms with ICT facility | : | 01 |
| e) Students' laboratories | : | 09 |
| f) Research laboratories | : | 1 lab for projects |
39. List of doctoral, post-doctoral students and Research Associates
- a) from the host institution/university
- b) from other institutions/universities
- UG program is running in the department.
40. Number of post graduate students getting financial assistance from the university:
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- Regular feedback is obtained through departmental meetings among teachers. The same is voiced through HODs meetings with Dean at regular intervals. The salient features emerging out of such deliberations are often implemented in department's academic activities. The issues which are important and of far reaching consequences are discussed through BOS, faculty board and academic council of the university and incorporated in the ordinance thereafter.
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :
- Students are encouraged to make power point presentations of curriculum topics as part of tutorials/assignment work. Students are also allocated substantial hours to engage on extra curricular activities with faculty. It provides a convenient mode for mutual exchange of ideas. Very recently, open book mid sem examinations system was initiated in some B.tech courses. The students' feedback is awaited for further progress in this regard.
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?
- Industry institute interaction is periodically conducted. Alumni are often invited to express their industrial experiences & appraise the students about industries expectations.



Faculty members & student volunteers are active part of campus selection process. After completion of recruitment, the representatives of prospective employers engage the students & faculty alike highlighting their strengths and shortcomings. The outcome of such appraisals are used to organize skill improvement activities of the students.

43. List the distinguished alumni of the department (maximum 10) ;
The deptt. is very young & pass out students are right now placed in middle management cadre in government , industry & PSUs.
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. :
(1) Prof. S.C. Chaterjee from NITTTR Chandigarh delivered a talk on SMART GRID on 14/06/2014
(2) A robotics workshop was conducted in the department on Nov 15-16 2014 for EE & other branch students.
45. List the teaching methods adopted by the faculty for different programmes. :
Apart from conventional class room teaching, faculty is encouraged to adopt modern teaching modes like use of power point slides , NPTEL course lectures by IIT professors & other online educational material available on web.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
The students are imparted core subject knowledge & knowhow for a variety of challenging careers in industry, software development sector & higher education field of Engg. and management. The fact that they are able to crack GATE, NET, Public sector undertakings (PSU) exams, state level government jobs , MBA entrance tests etc. demonstrate their requisite ability in this regard . Apart from acquiring technical skill the student are also encouraged to acquire soft skills for modern day industry requirement.
47. Highlight the participation of students and faculty in extension activities.
48. Give details of “beyond syllabus scholarly activities” of the department.
Expert lectures, student workshops, industry institution interaction activities are conducted.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
AICTE recognized. NBA accreditation process already completed. Visit of NBA team awaited.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
All the final year students have to engage in minor & major project works in small groups as part of their curriculum. They are required to conceptualize new laboratory experiments/kits for different UG labs. As part of project many groups of students devise & design experimental kits. In major project activity,



the students strive hard on many engineering application. They design & fabricate a working model based on different engineering principles.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- i. Very talented & energetic breed of faculty members having varied academic qualification/experience from institute like IITs , NITs & other central universities.
- ii. Well established laboratories.
- iii. TEQIP II grants being utilized presently for staff & students development , institutional enhancement & other capacity building initiatives for the deptt.

Weakness:

Non initiation of PG & PhD programs envisaged long back.

Opportunities:

Sprawling infrastructure facilities with a huge potential to grow. The only state university supported technical institute in Bareilly which can identify the regional imbalances in industrial & rural development & can act as a catalyst for economic growth of Rohilkhand region.

Challenges:

To educate & prepare students for the future cutting edge technology careers in industry/IT sector/higher education & R & D institutions.

52. Future plans of the department.

- (i) To start regular & part time M.Tech programs for in-service industry & academics.
- (ii) To establish a skill development centre as community development programme for deptt.



Department of Mechanical Engineering

1. Name of the Department:
[Mechanical Engineering](#)
2. Year of establishment:
[1996](#)
3. Is the Department part of a School/Faculty of the University?
[Faculty of the University.](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[UG B.Tech. Mechanical Engineering](#)
5. Interdisciplinary Programmes and Departments involved.
[N.A.](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[N.A.](#)
7. Details of programmes discontinued, if any, with reasons.
[N.A.](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester](#)
9. Participation of the Department in the courses offered by other Departments. [As per course structure](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	-
Associate Professor	02	-	-
Asst. Professor	07	05	05
Others (Guest Faculty)	-	07	07



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Dr. O .P Upadhyay	Ph.D	Sr. Lecturer	Rock Mechanics	19	01 <i>Ph.D</i> awarded
Manoj Kr Singh	M.Tech, pursuing Ph.D	Sr. Lecturer	Industrial Engg	13	---
Vishal Saxena	M.E, pursuing Ph.D	Sr. Lecturer	Thermal Engg	13	---
S.K Chaurasia	M.Tech, pursuing Ph.D	Sr. Lecturer	Materials & Metallurgy	13	---
Dr T.U Siddiqui	M.Tech Ph.D	Assistant Professor	Production Engg, CAD/CAM	09	---

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **No**
13. Percentage of classes taken by temporary faculty: **60%**
14. Program-wise Student Teacher Ratio: **20:01**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:
Actual: 02(regular), 11(on contract)
16. Research thrust areas as recognized by major funding agencies:
Micro structural studies of materials during Abrasive jet Machining.
17. Number of faculty with ongoing/completed projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:
UGC minor Project, grant received Rs 81,000/- (01/07/2011- 30/06/2013) (40-474/2011(SR))
Dr T.U Siddiqui
Title: Comparative Investigations of surface integrity and micro-structural details of different grades of Fibre reinforced polymer composites used in critical aerospace applications of Abrasive water jet cutting
18. Inter-institutional collaborative projects and associated grants received:
a) National collaboration: **No**

b) International collaboration: No

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

Dr T.U Siddiqui, UGC minor Project, grant received Rs 81,000/- (01/07/2011-30/06/2013) (40-474/2011 SR)

Comparative Investigations of surface integrity and micro-structural details of different grades of Fibre reinforced polymer composites used in critical aerospace applications of Abrasive water jet cutting

20. Research facility / centre with

- State recognition : No
- National recognition: No
- International recognition: No

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications: (See Annexure)

* Number of papers published in peer reviewed journals (national/international):

	2010-11	2011-12	2012-13	2013-14	2014-15
Dr. O. P Upadhyay	0	01	0	0	0
Manoj Kr Singh	0	0	0	0	0
Vishal Saxena	0	0	01	02	0
S.K Chaurasia	0	0	0	0	0
Dr T.U Siddiqui	0	02	01	01	0

* Monographs: No

* Chapters in Books: 03

T.U. Siddiqui

- i. One book chapter has been published by University Science Press, Hyderabad in the book titled “Advances in manufacturing technology”.
- ii. One book chapter has been published by IGI global publishing house, USA in the book titled “Computational method for optimizing manufacturing technology”.
- iii. One book chapter has been published by Allied publications, New Delhi, in the book titled “Advancements and futuristic trends in material science in”.

- Edited Books: No
- Books with ISBN with details of publishers: No
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): No



- Citation Index – range / average: No
 - SNIP: No
 - SJR: No
 - Impact Factor – range / average: -
 - h-index : No
23. Details of patents and income generated: No
24. Areas of consultancy and income generated: No
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: No
26. Faculty serving in
- a) National committees: No
 - b) International committees: No
 - c) Editorial Boards: No
- Editorial Board Membership
- i. International journal of materials forming and machining process.(USA)
 - ii. Journal of India Institute of Engineering, Management and Science, Vol1 Issue1, Nov2013
 - iii. Innovare journal of Engineering & Technology (Innovare academic Science)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):
Faculty members attend UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs time to time
Dr. O.P. Upadhyay
- i. International Workshop on Futuristic materials: characterization, properties & applications in Technology from 17-22 July 2014 at MJPRU Bareilly
 - ii. FDP at IIT Roorkee 25-29 Jan 2010
 - iii. FDP at IT –BHU 13-24 Dec 2010
 - iv. FDP at CSIT MJPRU Bareilly 15-19 FEB 2012
 - v. PDP at CH, MJPRU Bareilly 30/11-01/12/2013
 - vi. FDP at CSIT MJPRU Bareilly 4-8 FEB 2014
 - vii. FDP at ME MJPRU Bareilly 25-29 March 2014
- Dr T.U Siddiqui**
- i. Orientation Programme at UGC ASC AMU Aligarh 13/07-01/082012



- ii. Innovative trends in Natural /Applied Sciences and Energy Technology for sustainable development on 27-28 July 2013 at JNU, New Delhi
- iii. International Workshop on Futuristic materials: characterization, properties & applications in Technology from 17-22 July 2014 at MJPRU Bareilly
- iv. FDP at CSIT MJPRU Bareilly 4-8 FEB 2014
- v. FDP at ME MJPRU Bareilly 25-29 March 2014

Vishal Saxena

- i. STC at IIT- Delhi 16-19 Dec2014
- ii. International Workshop on Futuristic materials: characterization, properties & applications in Technology from 17-22 July 2014 at MJPRU Bareilly
- iii. FDP at CSIT MJPRU Bareilly 4-8 FEB 2014
- iv. FDP at ME MJPRU Bareilly 25-29 March 2014
- v. STC at NITTR -Chandigarh 26-30 Dec2005
- vi. STC at IIT-Roorkee 28/6-02/07 2010
- vii. Orientation Programme at UGC ASC JNTU- Hyderabad 10/11-30/11/2006
- viii. Conclave of Educators TEQIP-II 22-23/12/2012
- ix. STC at IIT-Roorkee 2-6/07/ 2012

28. Student projects:

- * Percentage of students who have done in-house projects including interdepartmental projects: **100%**
- * Percentage of students doing projects in collaboration with other universities / industry / institute: **Nil**

29. Awards / recognitions received at the national and international level by

Faculty: **No**
Doctoral / post-doctoral fellows: **No**
Students: **No**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any: **International Conference -- 01**

- 1. Academic research in engineering, management and information technology (ICAREMIT-2015) 21-23 Feb2015

Workshops 02

- 1. Creo Parametric 2.0 & Ansys (6-7 Nov 2014)
- 2. Mat lab (theory & practice) (3-4 Dec 2014)



Faculty development Program 01

1. Frontier areas of research in mechanical engineering (05 days) (25-29 March, 2014)

31. Code of ethics for research followed by the departments:

The purpose of guidelines on the professional ethics of gathering, processing and disseminating all kind of research information. It covers all activities through which research information and data are gathered, processed and disseminated. The employees of out department hereby agree to conduct ourselves in such a way that the values outlined below will shape and inform all our activities and our relationships with colleagues and students. Our values are:

- Excellence in all our work
- Encouragement for one another's uniqueness
- Transfer of skills and knowledge
- Creativity and innovation
- Encouragement of learning and development

32. Student profile programme-wise:

Name of Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-11	As per UPTU Counselling	43	05	100%	100%
2011-12		44	03	95%	100%
2012-13		50	10	100%	100%
2013-14		52	07	96%	100%
2014-15		47	11	100%	100%

33. Diversity of students

NA for UG Course

Name of Programme (refer to question no. 4)	% of students from the same university	% of students % from other universities within the state	% of students from other universities outside the state	% of students % of students from other countries
B.Tech	Nil	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

26 students qualified GATE 2014,

10 students qualified GATE 2015,

35. Student progression:

Student progression		Percentage against enrolled
UG to PG		31%
PG to M.Phil.		NA
PG to Ph.D.		10%
Ph.D. to Post-Doctoral		NA
Employed	Campus selection	2%
	Other than campus recruitment	57%
Entrepreneurs		No

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	43%
from other universities within the State	42%
from universities from other States	15%
from universities outside the country	0%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

Dr T.U Siddiqui has been awarded Ph.D from MNIT Allahabad 08/12/2010

38. Present details of departmental infrastructural facilities with regard to

- Library: Yes (Department + IET+ Central Library)
- Internet facilities for staff and students: Available
- Total number of class rooms: 08
- Class rooms with ICT facility: 02
- Students' laboratories: 07
- Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates

c. from the host institution/university: Nil

d. from other institutions/universities: Nil

40. Number of post graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:
N.A.

42. Does the department obtain feedback from?

Yes, the feedback is utilized by continuous up gradation of the course curriculum through BOS (Board of studies) meeting held every year.



- * Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
No
 - * Alumni and employers on the programmes offered and how does the department utilize the feedback?
No
43. List the distinguished alumni of the department (maximum 10)
- i. Devendra Verma (CPWD) Delhi.
 - ii. Prity Sharma, Senior Engg. At Samsung India Electronics Noida,
 - iii. Arun kumar Yadav, Asst. Engg. At NHPC Himachal Pradesh
 - iv. Jai Ram Yadav, Senior Section Engg. Indian Railways Jodhpur Rajasthan
 - v. Pradeep, Asst. Engg. BHEL Trivandrum,
 - vi. Jitendra Kumar Singh, Asst. Executive Engg. At. NPCIL Delhi,
 - vii. Tej Pratap Rai, Asst. Executive Engg. ONGC,
 - viii. Jitendra kumar, Asst. Engg. NPCIL Mumbai,
 - ix. Manoj Kumar, Senior Engg. At BEL Ghaziabad,
 - x. Manmohan Singh, Senior Engg. At Iffco Candla Gujrat
44. Give details of student enrichment programmes (special lectures/ workshops / seminar) involving external experts:
- International Conference -- 01
Academic research in engineering, management and information technology (ICAREMIT-2015) 21-23 Feb 2015
- Workshops: 02
- 1. Creo Parametric 2.0 & Ansys (6-7 Nov 2014)
 - 2. Mat lab (theory & practice) (3-4 Dec 2014)
- Faculty development Program: 01
Frontier areas of research in mechanical engineering (05 days) (25-29 March, 2014)
- Industry- institute interaction Program by TEQIP-II 01
Special Lectures by
- Dr. P. Bhardwaj IIT –Varanasi Ant Colony optimization
 - Dr. Manish Mishra IIT- Roorkee Heat Exchanger Technologies
 - Prof N.N Kishore IIT- Kanpur Nano Technologies.
45. List the teaching methods adopted by the faculty for different programmes:
- Classroom teaching, practical training, interactive learning through group discussions and tutorials etc.
 - Normal teaching methods as well as virtual class room concept by Power point presentations
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :
- i. Continuously monitoring the result of students



- ii. Performance of students in national level exams like GATE, NET ,etc
 - iii. Placement record of students in various government organizations, PSUs, etc
47. Highlight the participation of students and faculty in extension activities:
Nil
48. Give details of “beyond syllabus scholarly activities” of the department:
The institution has a huge sports ground. There are well equipped gym and sports kits. Students are encouraged to participate in various zonal and inter-zonal tournaments; they are paid daily allowances and travelling expenses. Students are provided with various sports kits and equipments. They participate in inter collegiate and inter University matches. Sports week is celebrated every week with various sports events like Long Jump, Volleyball, Table Tennis, Cricket, Chess, and Carom etc. Institute sport ground has following facilities:
- Cricket ground
 - Running track
 - Long jump facility
 - Volleyball track
 - Football ground
 - Basket ball court
- To manage all sport activities, a well qualified physical education faculty is besides this every year, a cultural programme named “youth festival” is held to encourage students to participate in performing arts. This program is very useful to bring out latent talent of students. Various events like singing, playing musical instruments, drama, monoacting, mimicry, and dance are arranged. Personality Development activities are held on a regular basis that ensures in the holistic development in the students.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : In process by NBA
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :
Department faculty members are continuously trying to explore new knowledge by guiding the students for new innovative project work.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths:
- i Good infrastructure
 - ii Qualified and experienced faculty members
 - iii Advanced laboratories
 - iv Scope of improvement in course structure every year
 - v Well placed Alumini which helps in improving the training and placements for coming batches.



Weaknesses:

- i Lack of PG course
- ii An academic oriented department not research oriented
- iii Lower percentage of on campus placement
- iv Not adequate institute-industry interaction
- v Lack of research laboratories

Opportunities

- i. The level of academic excellence which the department has acquired makes it possible for our students to get entry into institutes of global repute. The department has to further devise mechanisms for translating this potential into a reality.
- ii. The new learning to the age requires greater proficiency in soft skills among students. The department has the necessary technical and infrastructural resources to take this to higher level.
- iii. The department possesses the academic and financial resources to publish peer reviewed research journals. The department is poised to take the initiative in this regard.
- iv. As an autonomous university, the university is entitled to offer new PG courses (eg M.Tech) and PG Diploma etc. Therefore, a beginning has been made in this direction and more should follow.
- v. In order to enhance technical excellence ample funds are available like university funds, funds from TEQIP-II etc, which helps us to conduct workshops, Faculty development programmes, also these sanctions helps us to strengthen our lab capabilities through purchase of modern equipments.

Challenges

- i. To achieve 100 % placement of our graduates.
- ii. Development of academic ambience in order to develop personality of students through various curricular, co-curricular and extra-curricular activities.
- iii. Development of faculty through qualification enhancement schemes and industrial exposure.
- iv. To produce graduate, able to take individual responsibility and to work as a part of a team and able to follow and contribute to the developments in their own field recognizing the significance of lifelong learning.
- v. Filling of teaching vacancies against the sanctioned posts. The other challenges involved getting permission from the government to fill up the vacant posts of the skilled technical staff.

52. Future plans of the department. :

- To introduce a PG course (M.Tech and Ph. D.)
- To develop as a research oriented department
- To achieve 100 % placement
- To increase institute-industry interaction
- Develop research laboratories



Department of Pharmacy

- Name of the Department:
Pharmacy
- Year of establishment:
1996
- Is the Department part of a School/Faculty of the University?
Faculty of the University.
- Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
UG – Bachelor of Pharmacy (B. Pharm.)
PG – Master of Pharmacy (M. Pharm.) – IN Two Streams
M. Pharm. (Pharmaceutics) & M. Pharm. (Pharmacology)
- Interdisciplinary Programmes and Departments involved:
N.A.
- Courses in collaboration with other universities, industries, foreign institutions, etc.:
N.A.
- Details of programmes discontinued, if any, with reasons.
N.A.
- Examination System: Annual/Semester/Trimester/Choice Based Credit System.
Semester
- Participation of the Department in the courses offered by other Departments. No
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	-----	
Associate Professor	04	04	06
Asst. Professor	08	07	05
Others (Guest Faculty)	-	10	10



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided (in last 4 years)
Shiv Dev Singh	M.Pharm.	Head & Asso. Professor	Pharm. Chemistry	15	
Sobhna Singh	M.Pharm., Ph D.	Asso. Professor	Pharmaceutics	18	
Kamal Kishore	M.Pharm., Ph D.	Asso. Professor	Pharmacology	16	
Nasir Ali Siddiqui	M.Pharm., Ph D.	Asso. Professor	Pharmacognosy	16	
Shashi Bhooshan Tiwari	M.Pharm., Ph D.	Asso. Professor	Pharm. Chemistry	12	
S. Ramasamy	M.Pharm.	Asso. Professor	Pharm. Chemistry	13	
Lakhsyaveer Singh	M.Pharm.	Asstt. Professor	Pharmaceutics	09	
Amit Verma	M.Pharm.	Asstt. Professor	Pharm. Chemistry	09	
Vimal K. Singh	M.Pharm.	Asstt. Professor	Pharmacognosy	09	
Kaushal Kumar	M.Pharm.	Asstt. Professor	Pharmaceutics	09	
Saurabh Mishra	M.Pharm., Ph D.	Asstt. Professor	Pharmaceutics	08	
Pankaj Kumar	M.Pharm.	Guest Lecturer	Pharm. Chemistry	05	
Rooman Khan	M.Pharm.	Guest Lecturer	Pharmacology	08	
Paras Kumar	M.Pharm.	Guest Lecturer	Pharm. Chemistry	04	
Himanshu Gupta	M.Pharm.	Guest Lecturer	Pharmacology	02	
Ragini Singh	M.Pharm.	Guest Lecturer	Pharmaceutics	04	
Anupriya	M.Pharm.	Guest Lecturer	Pharmaceutics	02	
Huma Noor	M.Pharm.	Guest Lecturer	Pharmacology	03	
Babita Gupta	M.Pharm.	Guest Lecturer	Pharmaceutics	03	
Ayushi Aggarwal	M.Pharm.	Guest Lecturer	Pharm. Chemistry	02	
Sunil Kumar	M.Pharm.	Guest Lecturer	Pharmacology	03	
Mamta Rani	M.Pharm.	Guest Lecturer	Pharmaceutics	01	
Mohd Faiez	M.A., Ph D.	Guest Lecturer	English	05	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- i Prof. B. K. Kapoor, Emeritus Professor.
- ii Prof. Alok Mukherjee UIPS Allahabad.
- iii Prof. Sushant Srivastava, IET, IIT BHU.
- iv Prof.D.K.Pathak RAPS Mathura.
- v Prof. A. Raghuram Rao, Kakatiya University Warangal.
- vi Prof. A. N. Nagappa, Manipal University, Manipal
- vii Dr. Manish Chaurasiya, Scientist D, CDRI, Lucknow.
- viii Dr. Asif Husain, Hamdard University, New Delhi.
- ix Dr.S.K. Singh BITS Ranchi.

13. Percentage of classes taken by temporary faculty:

S. N.	Programmes	Classes taken by temporary faculty
1	B. Pharm.	40
2	M. Pharm. (Pharmaceutics)	30
3	M. Pharm. (Pharmacology)	30

14. Program-wise Student Teacher Ratio:

S. N.	Programmes	Student-teacher ratio
1	B. Pharm.	15:1
2	M. Pharm. (Pharmaceutics)	5:1
3	M. Pharm. (Pharmacology)	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

S. No.	Staff	Sanctioned	Filled	Actual
1.	Lab technician	-	-	05
2.	Lab attendants	-	-	06
3.	Office clerk / store keeper	-	-	04
4.	Library assistant	-	-	01
5.	Helper	-	-	02
6.	Sweeper & Gardener	-	-	02

16. Research thrust areas as recognized by major funding agencies:

Pharmaceutical & Phyto Chemistry

Pharmaceutics

Drugs Screening and Pharmacology

17. Number of faculty with ongoing/completed projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

N.A.



18. Inter-institutional collaborative projects and associated grants received:
- a) National collaboration: No
 - b) International collaboration: No
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: N.A.
20. Research facility / centre with
- State recognition : No
 - National recognition: No
 - International recognition: No
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil
22. Publications: (See Annexure)
- * Number of papers published in peer reviewed journals (national/international): (Annexure-1)
 - * Paper published in National Journals 10
 - * Paper published in National Journals 07
 - a. Chapters in Books - 02
 - b. Edited Books – NIL
 - c. Books with ISBN with details of publishers – 02
1. **Maheshwari, Kamal Kishore.***Drugs Pharmacology*. ISBN: 978-81-85731-65-0. Vallabh Prakashan, Delhi.
 2. **Maheshwari, Kamal Kishore.***Drugs Screening Techniques: Pharmacological Methods*. ISBN: 978-81-85731-91-9. Vallabh Prakashan, Delhi.
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): No
 - * Citation Index – range / average: No
 - * SNIP: No
 - * SJR: No
 - * Impact Factor – range / average: -
 - * h-index : No
23. Details of patents and income generated: No
24. Areas of consultancy and income generated: No
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: No

26. Faculty serving in
- Prof. A. K. Sharma, Inspector, Pharmacy Council of India (PCI) and AICTE, New Delhi.
 - Dr. Shobhna Singh, Inspector, Pharmacy Council of India (PCI).
 - Dr. Kamal Kishore, Inspector, Pharmacy Council of India (PCI).
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):
- Faculty members Dr. Sobhna Singh, Dr. Kamal Kishore, Dr. S. B. Tiwari, Mr. Amit Verma, Mr. L. V. Singh, Mr. Kaushal Kumar, Dr. Saurabh Mishra, Mr. Vimal Kumar has attended different orientation programs / workshops conducted by Faculty of Engineering and Technology, MJPRU, Bareilly under TEQUIP program during 2012–15.
 - Faculty members has also attended different conferences, poster presentation, orientation and refresher courses between 2011 – 2015. (Copy enclosed)
28. Student projects:
- Percentage of students who have done in-house projects including interdepartmental projects:
- In academic session 2011-12, fifty six (56) under graduate students (B. Pharm.) have done in-house projects.
 - In academic session 2012-13, fifty-four (54) under graduate students (B. Pharm.) have done in-house projects.
 - In academic session 2013-14, sixty-one (61) under graduate students (B. Pharm.) have done in-house projects.
 - In academic session 2014-15, thirty-eight (38) under graduate students (B. Pharm.) are doing in-house projects.
- Percentage of students doing projects in collaboration with other universities / industry / institute:
- In academic 2014 – 15, eight (08) under graduate students are doing projects in collaboration with industry.
 - In academic session 2014 – 15, six (06) post-graduate students have communicated the request letters for performing research projects in different reputed research institutes.
29. Awards / recognitions received at the national and international level by
- Faculty: No
- Doctoral / post-doctoral fellows: No
- Students: No
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:



31. Code of ethics for research followed by the departments:
- Research should play prominent role for the betterment of humanity and mankind
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
B. Pharm. In academic session 2011-12	Through state entrance	36	14	90	100
B. Pharm. In academic session 2012-13	Through state entrance	43	17	90	95
B. Pharm. In academic session 2013-14	Through state entrance	42	18	92	95
B. Pharm. In academic session 2014-15	Through state entrance	40	20	R.A.	R.A.
M. Pharm. (Pharmaceutics) in session 2014-15	Through University screening	08	07	R.A.	R.A.
M. Pharm. (Pharmacology) in session 2014-15	Through University screening	10	06	R.A.	R.A.

33. Diversity of students

Name of Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from other universities outside the state	% of students % of students from other countries
M. Pharm. (Pharmaceutics)	32	60	8	-
M. Pharm. (Pharmacology)	73	20	7	-
M. Pharm. (Pharmaceutics)	32	60	8	-

The M. Pharm. Courses are started from session 2014-15.

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Year	No. of Students qualified GATE / GPAT
2011	11
2012	15
2013	14
2014	15
2015	04

35. Student progression:

Student progression		Percentage against enrolled
UG to PG		30
PG to M.Phil.		NA
PG to Ph.D.		-
Ph.D. to Post-Doctoral		NA
Employed	Campus selection	10
	Other than campus recruitment	90
Entrepreneurs		20

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	30
from other universities within the State	20
from universities from other States from	50
universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:

01 (Ph.D. awarded to Dr. Saurabh Mishra)

38. Present details of departmental infrastructural facilities with regard to

a) Library

- i. Departmental library area - 125 sq. mts.
- ii. Reading hall - 01 no.
- iii. Computer with internet facility - 25 no.
- iv. No. of titles - 900
- v. No. of books - 5300

b) Internet facilities for staff and students - yes

c) Total number of class rooms - 05

d) Class rooms with ICT facility - NIL

e) Students' laboratories - 08

f) Research laboratories - 02

39. List of doctoral, post-doctoral students and Research Associates

e. from the host institution/university: Nil

f. from other institutions/universities: Nil



40. Number of post graduate students getting financial assistance from the university: Nil
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:
- All India Council for Technical Education (AICTE) has evaluated the facilities in the department before granting approval for starting M. Pharm. programmes in the department.
 - Clearance for starting M. Pharm. classes in pharmacy department has been given by the Uttar Pradesh government after assessing the facilities and infrastructure available in the department.
42. Does the department obtain feedback from?
- Yes, Regular faculty meetings are conducted for designing and modifying curriculum and teaching evaluation. The suggestions given by faculty members are discussed and implemented for upgrading the evaluation process.
- Board of study meetings are called regularly for upgrading the curriculum, evaluation process and learning techniques.
- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- Yes.
- Feedback from students regarding the in-depth knowledge of different teachers is utilized in proper allotment of subject to the particular faculty member for the betterment of learning process.
 - Suggestions regarding cleanliness, ventilation, lighting and other facilities in classrooms and laboratories are implemented for better learning atmosphere.
- Alumni and employers on the programmes offered and how does the department utilize the feedback?
- Yes.
- Regular feedback and direction given by the university administration related to work management, resources utilization and student-teacher management are utilized for the betterment of the department.
 - Feedbacks from well-placed alumni related to student training, curriculum up-gradation and current level of requirements in pharmaceutical industry are implemented.
43. List the distinguished alumni of the department (maximum 10)
- Amita Garg Asst. Director, BU Patel Perd Centre, Ahmedabad, Gujarat.
 - Keertiman Joshi Scientist, Zydus Cadila healthcare Ltd, Ahmedabad, Gujarat.
 - Bhaskar Chauhan Research Scientist at Daiichi Sankyu, Japan
 - Shilpi Goel Research Associate, University of Arkansas for Medical Sciences, USA.



- v. Shashank Gupta Scientist at Copenhagen, Denmark.
 - vi. Harjit Singh Scientist, Central AYUSH Research laboratories, Patiala, Punjab.
 - vii. Pranav Bajpai Scientist, Piramal Enterprises, Fresenius Kabi, oncology Laboratory
 - viii. Amit Mishra Sr. Production Manager, Sun Pharmaceuticals, Pune.
 - ix. Manish Chohan, Assistant Manager at Tata Consultancy Services, INC Research, Mumbai
 - x. Manish Kr. Gautam Research Associate at Institute of Medical Science, BHU – Research at University, Teknologi, MARASarawak, Malaysia.
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

Special lectures/workshops/seminars have been organized by the faculty. Detail is as follows –

The seminars has been organized by the Department on following topics:

- Current Trends in Nano Pharmaceuticals by Dr. Sandeep Kumar Singh BITS, Ranchi.
 - Recent Approaches in Human Genome Project by Prof. Anup Kumar MIET, Meerut.
 - Role of Biomarkers in Chemotherapy by Dr. Alok Mukherjee United College of Pharmacy, Allahabad.
 - Workshop has been organized by the department on importance of regulatory affairs in pharmaceutical industry on 10th Feb 2015 in which special lecture has been given by Dr Ranjit Singh, Managing Director, Serum India Ltd. Pune, Maharashtra.
45. List the teaching methods adopted by the faculty for different programmes:
- Apart from conventional method of teaching, the faculty members are adopting following methods in undergraduate programme (B. Pharm.) –
- i. In undergraduate classes student teacher interaction is emphasized.
 - ii. The difficult topics have been taught through PowerPoint presentations.
 - iii. Students are encouraged to collect latest information through e-books provided through university information portal.
 - iv. Students are also encouraged for group discussion learning technique for better understanding of the topic.
 - v. In order to build confidence in students, faculty members encourage them to prepare projects on current topics and present them in the class.

In post-graduate programmes, the main emphasis is on skill development, research oriented studies and overall development of the students, following special teaching methods have been adopted by the faculty members –



- i. Students are encouraged for in-depth knowledge of every topic in the subject.
 - ii. Powerpoint teaching with student teacher interaction has been adopted for imparting thorough knowledge of the topic.
 - iii. Students prepare and deliver seminars on different topics of the subject followed by discussion and questionnaires in order to enrich them with the subject knowledge.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :
 - a. The department conducts two sessional theory and practical examinations in every semester covering entire syllabus of the subject and thorough evaluation is done.
 - b. In practical classes, table viva, record viva and evaluation is done to monitor the learning and development process of the students.
 - c. Record is maintained to evaluate the semester-wise progress of the students.
 - d. Special counseling is done for academically weak students in order to encourage them for academic improvement.
 - e. Special classes are conducted for weak students in order to keep them in pace with other students.
47. Highlight the participation of students and faculty in extension activities:
 - i. Students and faculty members of the department are regularly visiting nearby localities/village with poor hygienic conditions and make them aware regarding cleanliness and sanitation.
 - ii. Special health monitoring program is organized by the department for poor and mal-nutritious children.
 - iii. Students of the department volunteers polio and TB eradication programmes.
48. Give details of “beyond syllabus scholarly activities” of the department: Department has NSS wing of 50 fifty students. The NSS volunteers organize various social awareness programmes related to importance of cleanliness, hygiene, proper vaccination of children and communicable diseases.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. :

-
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :
 - Some novel Heterocyclic drug molecule has been Synthesized and evaluated for their therapeutic value.
 - Various herbal extract combinations are evaluated for their pharmacological effect.



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

- i. Department has 10 well equipped laboratories, instrumentation lab with sophisticated equipments and well qualified teaching staff as per requirement of Pharmacy Council of India (PCI) and AICTE.
- ii. The Department has its departmental library with around 5500 reference and text-books and e-books of national and international reputed authors/publication houses.
- iii. A well developed academic infrastructure with experienced teaching staff.
- iv. Working atmosphere.
- v. Quality Students.

Challenges

- i. To maintain the reputation of pharmacy department as centre of excellence in the region.
- ii. To train the student as per the current scenario of industry.
- iii. To cope up with changing requirement of pharmaceutical industries.
- iv. To provide current and best knowledge to the students.
- v. To enhance the financial resources of the department.

Opportunities

- i. Generation of resources and funds from central agencies for modernization and research work.
- ii. Collaboration with local pharmaceutical industries for mutual benefits.
- iii. To develop as research centre of repute.
- iv. Relating pharmacy field with the society for the social cause.
- v. To start some new pharmacy related diploma and certificate program courses to as per current requirement of pharmaceutical industry.

Weakness

- i. Lack of funds.
- ii. Limited working environment and cooperation from authorities.
- iii. Less coordination with pharmaceutical industry.
- iv. Difficulties in managing basic requirements like electricity, equipments etc.
- v. Department is not well developed due to late starting of post graduate programme.

52. Future plans of the department.

- i. The department plans to develop a separate research and PG wing in order to develop research atmosphere.



- ii. The sophisticated equipments in the department are quite old. The department planned to buy new sophisticated equipments with improved specifications.
- iii. The department will become a pharmacy research centre in future after fulfilling requirements as per university rules.
- iv. The department will start a new post-graduate programme in pharmaceutical chemistry subject after getting approval from recognizing bodies.



Annexure -1

List of Publications

1. Agnihotri, Jaya., Shrikant Boharupi, Subhini Saraf, Shobhna Singh and Papiya Bigoniya. "Simultaneous estimation of antimalarial drugs artesunate and hydroxychloroquine by validated HPLC method in combined pharmaceutical formulation". Indo Journal of Pharmaceutical Research. ISSN NO: 2231 – 6846. Vol 4, Issue 07, 2013.
2. Agnihotri, Jaya., Sobhna Singh and Papiya Bigonia. "Formal chemical stability analysis and solubility analysis of artesunate and hydroxychloroquine for development of parental dosage form". Journal of Pharmacy Research 6 (2013) 117 – 122.
3. Bajpayee, Pranav., Kaushal Kumar, Sakshee Sharma, Naveen Maurya, Peeyush Kumar, Rajendra Singh and Champa Lal. "Prostatitis: Prevalence, Health Impact and Quality Improvement Strategies". Acta Poloniae Pharmaceutica – Drug Research. ISSN 0001 – 6837. Vol. 69 No. 4. pp. 571 - 579. 2012.
4. Bansal, Ayushi Agarwal. "Development and validation of an analytical method for the estimation of etoricoxib tablets by reverse phase HPLC". Journal of Pharma Research, ISSN: 2319 -5622. pp 1 – 6. 2014.
5. Bhardwaj, Peeyush and Sobhna Singh. "Formulation and In-Vitro evaluation of pH-sensitive chitosan beads of flurbiprofen". Indian Journal of Drugs, 2013, 1(2). ISSN: 2348 – 1684. pp 48 – 54.
6. Bhardwaj, Peeyush, Himanshu Chaurasia, Deepti Chaurasia, Sunil K. Prajapati and Shobhna Singh. "FORMULATION AND IN-VITRO EVALUATION OF FLOATING MICROBALLOONS OF INDOMETHACIN". Acta Poloniae Pharmaceutica – Drug Research. ISSN 0001 – 6837. Vol. 67 No. 3. pp. 291-298. 2010. (I.F. – 0.69)
7. Gupta, Babita., Urmi Chaurasia and Prithviraj Chakraborty. "Design and development of oral transmucosal film for delivery of salbutamol sulphate". Journal of Pharmaceutical, Chemical and Biological Sciences ISSN: 2348 – 7658. Jun-Aug 2014; 2(2): pp 118 – 129.
8. Hussain, A., M. Aqil, M.S. Alam, M. R. Khan, P. Kapur and K. Pillai. "A Pharmacovigilance Study of Antihypertensive Medicine at a South Delhi



- Hospital". Indian Journal of Pharmaceutical Sciences. 2009, 71 (3): pp. 338-341. (I.F. – 0.296)
9. Kishore, Kamal. "Brahmi: A complete Herbal Medicine". Journal of Pharmacy Research Vol. 5 Issue 6. June 2012. pp. 3139 – 3142. (I.F. – 2.34)
 10. Kishore, Kamal., "Pharmacological profile of antithrombotic, fibrinolytic and anticoagulant drugs". Current trends in biotechnology and pharmacy. Vol. 7 (2) 696 – 707 April 2013, ISSN 0973 – 8916 (Print), 2230 – 7303 (online)
 11. Kumar, Dinesh V, Anupriya Mishra and T. S. Easwari. "Formulation and Development of Acrycoat-Coated Chitosan Beads of Ornidazole for Colon Targeting. European Journal of Applied Sciences 5 (2): 47-52, 2013. ISSN 2079-2077
 12. Kumar, Kaushal. "Crystallization: A valuable technique for crystal production and purification". Recent advances in chemistry (SRMSRAC – 2011).
 13. Kumar, Sunil, and Khan Ahmad Bazargan. "Endorphins – A natural pain reliever". The Clinical Research Plus. pp 44 – 49. Nov – 2012
 14. Madhav, N. V. Satheesh, Rajesh Yadav and Babita Gupta. "Formulation and evaluation of diclofenac microparticles using biopolymer from Ferula Asafetida". Indian Pharma convention proceeding.
 15. Mishra, Santosh Kumar and Sobhna Singh. Rev. "Buccal Patches". The Indian Pharmacist – April, 2011.
 16. Noor, Huma, P. K. Sharma, V. K. Garg, A. K. Singh, and S. C. Mondal. "Hypoglycemia in Diabetes". Journal of Pharmaceutical and Biomedical Sciences. ISSN No. 2230 – 7885. Vol. 08, Issue 08. pp. 1 – 5. 2010.
 17. Porwal, PK., S Dixit, S.D. Singh, and S.B. Tiwari. "Evaluation of antitumor activity of Impatiens Kleinii". (Communicated 2015).
 18. Shukla, Divaker, Kamal Mahaur, Tarun Kumar and Ayushi Agarwal. "Pharmacognostical evaluation of root powder of thalictrum javanicum blume". Giper Campus. International Seminar on Pharmaceutical Education and Research organized by Global Institute of Pharmaceutical Education and Research, Kashipur. 2010
 19. Tiwari, Shashi B., Sushil K. Kashaw, Anshuman Dixit, Gunjan Shukla, Varsha Kashaw and Ajay Kumar. "QSAR Studies in 2-(5-Bromo-2, Dimethoxyphenyl)-5-(Aminomethyl)-1H-Pyrrohole Analogues for their Binding Affinity at D2 and D3 Receptors". International Journal of Pharmacy and Biological Sciences eISSN: 2230 – 7605. Vol 1 issue 4. Oct – Dec 2011. pp 425 – 436.



Department of Humanities

1. Name of the Department:
[Humanities](#)
2. Year of establishment:
[1996](#)
3. Is the Department part of a School/Faculty of the University?
[Yes](#)
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., D.Sc., D.Litt., etc.):
[UG](#)
5. Interdisciplinary Programmes and Departments involved:
[We cater to B.Tech. \(All six branches\) and MCA Programmes](#)
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
[NA](#)
7. Details of programmes discontinued, if any, with reasons.
[None](#)
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System.
[Semester System](#)
9. Participation of the Department in the courses offered by other Departments.
[We offer comm. English, Engineering and PoM courses to B.Tech. students across six trades.](#)
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	01	01	01
Asst. Professor	02	01	01
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Name	Qualification	Designation	Specialization	Experience (in Yrs)	No. of Ph.D. students guided for the last 4 years
Dr. Asha Choubey	MA; Ph.D.	Associate Professor	ELT, Indian English Fiction	18	03
Dr. Anita Tyadi	MA; Ph.D.	Assistant Professor	Eng. Economics	12	-

12. List of senior Visiting Fellows, adjunct faculty, Emeritus professors:
NIL
13. Percentage of classes taken by temporary Faculty Program-wise information:
NA
14. Program-wise Student Teacher Ratio:
NA
15. Number of academic support staff (technical) and Administrative staff sanctioned filled and actual:
Nil
16. Research thrust areas as recognized by major funding agencies:
ELT
17. Number of faculties with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
A major project funded by UGC in 2007-2010 by Asha Choubey, Grant received: 5 Lac 32 Thousand Rupees
18. Inter-institutional collaborative projects and associated grants received.
a) National collaboration : NA
b) International collaboration : NA
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc.; total grants received.
A major research project funded Rs. 5 Lac, 32 thousand by UGC.
20. Research faculty / centre with
- State recognition: -
 - National recognition: -



- International recognition: -

21. Special research laboratories sponsored by / Created by industry or corporate bodies:

NA

22. Publications:

- * Number of papers published in peer reviewed journals (national / international): 10

Dr. Asha Choubey

- i. "Smelly Encounters: An Olfactory Reading of Indian English Fiction by Women," Linguistics and Literature Studies, vol.2 (2), 2014. pp. 52-57.
- ii. "The Mutiny Novels: A Series." Rupkatha Journal of Interdisciplinary Studies in Humanities, Kolkata/V:3/2013/197-200.
- iii. "Jhumpa Lahiri's Gogol: In Search of Identity for the Nowhere Man." Linguistics and Literature Studies 1(1): 1-7, 2013, USA.
- iv. "Reality vs. Reality: A Journey from Classroom to Corporate." Language in India/13:10/ 2013/425-436.
- v. "The Status of English Language in Uttar Pradesh and Its Impact on Technical Communication Teaching." Language in India/13:2/ 2013/227-235.
- vi. "Braving the Dark: First Impressions of The White Tiger." in The Atlantic Literary Review. 11:1. Jan-Mar. 2010. New Delhi.

Dr. Anita Tyagi:

- i. Title of the Paper-"Public Private Partnership in the Health Sector of India: Look at the Possibilities", Paper Published in an International Journal of Economics, Commerce and Research(IJECR), a Peer Reviewed Bi-Monthly Journal, Vol.-04, Issue-6, Nov.-Dec. 2014, ISSN 2250-0006
- ii. Title of the Paper-"Intervention of The Government in Education and Health Services: Proposed Outlays and Outcomes", Paper published in an International Journal of Education & Humanities, a peer reviewed Journal, vol.III, Number-01, Jan-Dec.2014, ISSN 2319-7129
- iii. Title of the Paper- "A Study of Interdependence in Fiscal and Monetary Measures in the post Reform Period: Causes & Implications" Paper Published in AVSAR-Socio Economic Journal, a biannual refereed research journal, July-Dec. 2014, ISSN 0972-7361
- iv. Title of the Paper-"Impact of Global Meltdown on Indian Economy: An Outlook ", paper published in an International Conference Vol.05-07th Nov. 2009, University of Kwa-Zulu, Natal, Durban, South Africa, Published in 2010.

- * Monographs: x

- * Chapter in Books: 05

- i. Eight chapters in Companion to Shakespeare. eds. Kenneth Womack & William Baker. New York: Facts on File. 2012.

- ii. "How Should the Woman's Nature Hinder Us? and Other Poems from the Therigatha (c. 600 BCE)" Feminist Writings from Ancient Times to the Modern World. ed. Tiffany Wayne. Westport, CT: Greenwood. 2011./pp. 5-8.
 - iii. Five Chapters in The Multimedia Encyclopedia of Women in Today's World. Zeiss, Stange, Mary, Oyster et al. Sage: 2011.
 - iv. "Life's Like that: A Rendezvous with the Thief of Nagarhalli". The Voices of India. ed. Jaydeep Sarangi. Sarup Book Pub.: New delhi/2009/49-61.
 - v. "Conflict between Good and Evil in Arvind Adiga's White Tiger". Arvind Adiga: An Anthology of Critical Essays. Creative Books: New Delhi. Ed. P. D. Nimsarkar. 2010/48-58.
- * Edited Books: 03
- i. Womancing Women: Perspectives on Women Writers across Borders. Jaipur: Book Enclave. 2013.
 - ii. Righting the Wrong: Perspectives on Dalit Literature. Jaipur: Book Enclave. 2012.
 - iii. Women on Women: Perspectives on Indian Women Writers. Jaipur: Aadi Publishers. 2011.
- * Books with ISBN with details of publishers: 03
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database -International Social Science Directory, EBSCO host, etc.): NA
- * Citation index – range / average:
- * SNIP:
- * SJR:
- * Impact Factor – range / average:
- * h-index:
23. Details of patents and income generated: Nil
 24. Areas of consultancy and income generated: Nil
 25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad.: 01
Asha Choubey, UGC-HSB funded EEP-2010 a 30 day visit from 9 Sep-9 Oct. 2010, to Eotvos Lorand university, Budapest.
 26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) Any other (please specify)
Asha Choubey is on the editorial/Advisory board of 5 journals with ISSN number.



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Both the teachers have attended due Orientation/Refresher courses. The department organized a 6-day FDP, Sponsored under TEQIP by WHO on Communication Skills for Change Management in Classroom, 9-14 December 2013.
28. Student projects NA
- Percentage of students who have done in-house projects including inter-departmental projects:
 - Percentage of students doing projects in collaboration with other universities / industry / institute:
29. Awards/ recognitions received at the national and international level by
- Faculty:

Dr. Asha Choubey

 - Indo-Hungarian EEP-2010, granted by UGC, India and HSB, Hungary

Dr. Anita Tyagi

 - University Nominee to National Population Stabilization Fund, New Delhi.
 - Doctoral / post doctoral fellows: -
 - Students: -
30. Seminars / conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
31. Code of ethics for research followed by the departments.
It isn't a UG department and no research is done.
32. Student profile program- wise:
(Admissions on entrance test merit basis)
It's a service department teaching B.Tech. students.
33. Diversity of students:

Name of the Program (refer to Q. no. 4)	% of students from the same University	% of students from other Universities within the state	% of students from Universities outside the state	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive the current academic year have examinations. Give details category - wise:
NA

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M. Phil.	NA
PG to Ph.D.	NA
PG to Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> ▪ Campus selection ▪ Other than campus recruitment 	100%
Entrepreneurs	No records available

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	100%
From other universities within the State	
From universities from other State from	
Universities outside the country	

37. Number of faculty who were awarded M.Phil, Ph. D, D.Sc. and D. Litt. During the assessment Period:

NA

38. Present details of departmental infrastructural Facilities with regard to

- a) Library: NA
- b) Internet facilities for staff and students in the Department: NA
- c) Total number of class rooms: NA
- d) Class rooms with ICT facility: NA
- e) Students, laboratories: NA
- f) Research laboratories: NA

39. List of doctoral, post – doctoral students and Research Associates

- a) From the host institution / university:
- b) From other institutions / universities:

40. Number of post graduate students getting financial assistance from the university:

NA

41. Was any need assessment exercise undertaken before the development of new program (s)? If so, highlight the methodology.

N.A.



42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching – learning – evaluation? If yes, how does the department utilize the feedback?
 - Students on staff, curriculum and teaching-learning – evaluation and how does the Department utilize the feedback?
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?:
43. List the distinguished alumni of the department (maximum 10):
NA
44. Give details of student enrichment programs (special lectures/ workshops / seminar) Involving external experts.
A 3-day Stress Management workshop under TEQIP-II Sponsored by World Bank, from .12-14 Sep. 2014.
45. List the teaching methods adopted by the faculty for different programmes:
Lecture, tutorial, group discussion.
46. How does the department ensure that Program objectives are constantly met and learning outcomes are monitored:
Seminars, tests.
47. Highlight the participation of students and faculty in extension activities:
NA
48. Give details of “beyond syllabus scholarly activities” of the department
49. State whether the program / Department is Accredited / graded by other agencies? If yes, give details:
AICTE
50. Briefly highlight the contributions of the Department in generating new knowledge, basic or applied:
Through workshops & Conferences we strive towards generating awareness of the new vistas of knowledge.
51. Give details of five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:
Being a service department we face a major existential challenge.
52. Future plans of the Department:
The department is working on a project to start two PG diploma courses on:
1. Population Studies
2. Women Studies



Steering Committee



Prof. Mushahid Husain
Vice Chancellor
Chairman



Prof. V. P. Singh
Pro-Vice Chancellor
Vice-Chairman



Prof. B. R. Kukreti
Coordinator



Dr. Sahab Lal Maurya
Registrar

Members:

Dr. Rashmi Agarwal, Deptt. of B. Ed./M.Ed. (IASE)

Prof. Vrajesh Tripathi, Deptt. of Animal Science

Dr. K. K. Maheshwari, Deptt. of Pharmacy

Dr. S. K. Pandey, Deptt. of Applied Chemistry

Dr. Sumitra Kukreti, Deptt. of Applied English

Dr. Sanjay Mishra, Deptt. of Business Administration

Dr. Tarun Rashtriya, Deptt. of B. Ed./M.Ed. (IASE)

Dr. Amit Singh, Deptt. of Law

Mr. Mahesh Kumar, Deputy Registrar

Dr. Harish Bhatt, Asstt. Accounts Officer



Self-Study Report
for assessment and Accreditation by
**National Assessment and
Accreditation Council**
(Cycle 2)

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