



GAUTAM BUDDHA UNIVERSITY

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NAAC
Self Study Report
(Evaluative Reports of the Departments)
August, 2015

Volume-II
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DEPARTMENT OF BIOTECHNOLOGY
(SCHOOL OF BIOTECHNOLOGY)

DEPARTMENT OF BIOTECHNOLOGY

1. **Name of the Department :** Biotechnology
2. **Year of establishment :** 2010
3. **Is the Department part of a School/Faculty of the university? :** Yes, School of Biotechnology
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**
 - i. Integrated B.Tech+M.Tech (Biotech) 5 yr
 - ii. M.Tech. (Biotechnology) 3 yr for Science graduates
 - iii. M.Tech. (Biotechnology) 2 yr for Engineering graduates
 - iv. Ph.D. Biotechnology
5. **Interdisciplinary programmes and departments involved :**
 - 05 Year Integrated Dual Degree (B. Tech. + MBA) Programme offered by the School of Biotechnology and School of Management
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :**
 - M.Tech. (Biotech) program Batch 2009-12 (3 yr), 2010-12 (2yr) One semester in collaboration with University of Aberty Dundee, UK
7. **Details of programmes discontinued, if any, with reasons –**

M.Tech (Biotech) 3 yr for Science graduates (from 2015)
as per the advisory of the regulatory body.
8. **Examination System:** Annual/Semester/Trimester/Choice Based Credit System : Semester System
9. **Participation of the department in the courses offered by other departments :**

Open electives are being offered in different semesters.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	As per Section 1(24) of SSR		-
Associate Professor		01	-
Asst. Professor		17	-
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 (post PhD)	No. of Ph.D. registered / M.Tech. Students guided for the last 4

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					Years
Dr. Seema Dwivedi	PhD	Associate Professor	Environmental Biotechnology	14	03/30
Dr. Gunjan Garg	PhD	Assistant Professor	Plant Biotechnology	11	01/13
Dr. Shakti Sahi	PhD	Assistant Professor	Computational Biology	13	02 /15
Dr. Bhupendra Chaudhary	PhD	Assistant Professor	Plant Biotechnology	9.5	03/10
Dr. J. P. Muyal	PhD	Assistant Professor	Animal Biotechnology	9.5	02/13
Dr. Rekha Puria	PhD	Assistant Professor	Microbial Biotechnology	9	02/10
Dr. Nagendra Singh	PhD	Assistant Professor	Structural Biology	11	02/11
Dr. Sachin Teotia	PhD	Assistant Professor	Plant Biotechnology	6	00/04
Dr. Deepali Singh	PhD	Assistant Professor	Plant Biotechnology	10	01/09
Dr. Imteyaz Qamar	PhD	Assistant Professor	Animal Biotechnology	7	01/16
Dr. Tashfeen Ashraf	PhD	Assistant Professor	Biophysics/Structural Biology	10	01/09
Dr. Vikrant Nain	PhD	Assistant Professor	Plant Biotechnology	8	02/10
Dr. Siya Ram	PhD	Assistant Professor	Microbial Biotechnology	7.8	03/14
Dr. Jitendra Singh	PhD	Assistant Professor	Microbial Biotechnology	5.6	00/10
Dr. Savneet Kaur	PhD	Assistant Professor	Animal Biotechnology	8.5	01/13
Dr. Barkha Singhal	PhD	Assistant Professor	Industrial Biotechnology	7	00/09
Dr. Vishwas Tripathi	PhD	Assistant Professor	Animal Biotechnology	7	02/12
Dr. Bhaswati Benerjee	PhD	Assistant Professor	Cell & Molecular Biology	5	01/10

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

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

- Integrated B.Tech+M.Tech/MBA (Biotech) : 7%
- M.Tech (Biotech) 2 Year : 5%
- M.Tech (Biotech) 3 year : 3%

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14. Programme-wise Student Teacher Ratio

- Integrated B.Tech+M.Tech/MBA (Biotech)= 12:1
- M.Tech (Biotech) 2 Year= 3.6:1
- M.Tech (Biotech) 3 year= 9:1

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

Actual:

- Academic support staff (technical)=09
- Administrative staff= 07

16. Research thrust areas as recognized by major funding agencies

Animal Biotechnology, Plant Biotechnology, Microbial Biotechnology
Computational Biology & Bioinformatics, Structural Biology, Stem cell biology,

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.

S. N.	Name of the Project	Name of the PI	Funding Agency	Total amount	Current Status
1.	Assessment of genetic diversity at inter- and intra-specific levels of the genus <i>Dendrobium</i> (Orchidaceae) through micro-morphological characters and molecular markers	Dr. Bhupendra Chaudhary	CSIR, India	16.7	Completed
2.	Genetics of <i>In vitro</i> regeneration through somatic embryogenesis in cotton (<i>Gossypium hirsutum</i> L. cv. Coker 310)	Dr. Bhupendra Chaudhary	DST, India	16	Completed
3.	Introgression of Regeneration Character into Elite Indian Cotton Cultivars	Dr. Bhupendra Chaudhary	CSIR, India	35	Ongoing
4.	Spatiotemporal Manipulation of Profilin Gene Family in Cotton Fiber Cells for Increased Yield and Quality	Dr. Bhupendra Chaudhary	DBT, India	64	Ongoing

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5.	Target Mimicry-Based Silencing of microRNA167 Gene Family Targeting Auxin Response Factors (ARFs)' Gene Expression During Cotton Fiber Development	Dr. Bhupendra Chaudhary	DBT, India	75	Ongoing
6.	Design and evaluation of novel Beta-3 adrenoreceptor agonists for potential antidepressant activity	Dr. Shakti Sahi	DST, India	23	Ongoing
7.	Design synthesis and evaluation of potent aminopeptidase inhibitors for malarial therapy	Dr. Shakti Sahi	DBT, India	24	Completed
8.	Cloning expression and structural studies on dihydrouridine synthase from <i>p. aeruginosa</i>	Dr. Nagendra Singh	ICMR, India	46.8	Ongoing
9.	Structural basis of nickel transport in <i>k. Pneumonae</i>	Dr. Nagendra Singh	ICMR, India	55.6	Ongoing
10.	Therapeutic Aspect of Keratinocyte Growth Factor on Alveolar Regeneration in Emphysematous condition – Molecular Mechanism	Dr. J. P. Muyal	DST, India	14	Completed
11.	Identification of Molecular Pathways in Alveoli Regeneration in an Established Emphysematous Lung: All Trans Retinoic Acid - A Way to Novel Therapy Option	Dr. J. P. Muyal	DBT, India	32	Ongoing
12.	Transcriptional and Functional Characterization of <i>Xenorhabdus nematophila</i> toxin-antitoxin (TA) modules.	Dr. J. S. Rathor	DST, India	25	Ongoing
13.	Genome scale fitness profiling of transposon mutant library for identification of novel components of Target of Rapamycin (TOR) signaling pathway.	Dr. Rekha Puria	DST, INDIA	23	Completed
14	Identification and validation	Dr. Rekha	DBT,	37	Completed

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	of novel anticancer drug targets in target of rapamycin (TOR) signaling pathway	Puria	INDIA		ted
15	Investigations on cell intrinsic and extrinsic factors involved in age- and disease- induced senescence of endothelial progenitor cells	Dr. Savneet Kaur	DST, India	27	Ongoing
16	Investigations on the role of Hepatitis B virus X protein (HBx) in cancer stem cell-mediated initiation and progression of hepatocellular carcinoma	Dr. Savneet Kaur	DBT, India	34	Ongoing
17	Contribution of angiogenesis and inflammation to fibrogenesis and regeneration in non-alcoholic fatty liver diseases (NAFLD)	Dr. Savneet Kaur	ICMR, India	29	Ongoing
18	Development of Mega Nuclease for Targeted genome Engineering in rice	Dr. Vikrant Nain	DBT, India	18.5	Ongoing
19	Development of drought tolerant rice by expression of RNA chaperon gene	Dr. Vikrant Nain	CSIR, India	19	Ongoing
20	Molecular mechanisms of anti-cancer effect of Crocetin (a natural product of saffron) and its synergistic effect with Cisplatin in Smokeless Tobacco & Nicotine induced Head and Neck Cancer Cells	Dr. Vishwas Tripathi	DST, India	22	Ongoing
21	Isolation & characterization of anti-tubercular principle from contaminating bacterial strain	Dr. Vishwas Tripathi (CO-PI)	DBT	30	Ongoing
22	Development of novel adsorbent for pre-concentration of the pathogens and molecular beacon based PCR array to enable culture-free detection for food and waterborne pathogens.	Dr. Siya Ram	DST	23.53	Completed

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18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

S.No.	Name of Faculty	Project title	National collaborator	Grant received (lakhs INR)
1.	Nagendra Singh	Structural basis of nickel transport in <i>k. pneumoniae</i>	Prof. Sujata Sharma, AIIMS, New Delhi	55.6
2.	Savneet Kaur	The immunomodulatory and angiogenic role of bone marrow-derived endothelial progenitor cells in chronic liver disease	Dr. Nirupma Trehanpati, Associate Professor ILBS, New Delhi	NIL

b) International collaboration

S.No.	Name of Faculty	Project title	International collaborator	Grant received (lakhs INR)
1.	Savneet Kaur	Contribution of angiogenesis and inflammation to fibrogenesis and regeneration in non-alcoholic fatty liver diseases (NAFLD) (Indo-German Project)	Prof. Thomas Weiss, University Children's Hospital, University of Regensburg, Regensburg, Germany	29
2.	Savneet Kaur	The immunomodulatory and angiogenic role of bone marrow-derived endothelial progenitor cells in chronic liver disease (Indo-Australian Project)	Dr. Devanshi Seth Royal Prince Alfred Hospital and Centenary Institute, University of Sydney, Australia	NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE;

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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) :** 216

❖ **Monographs :** Nil

❖ **Chapters in Books:** 15

❖ **Edited Books :** Nil

❖ **Books with ISBN with details of publishers :** Nil

❖ **Number listed in International Database (For e.g. Web of Science, Scopus, :334**

Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :

❖ **Citation Index – range / average :** 0-277/18.5

❖ **SNIP :** Not known

❖ **SJR :** Not known

❖ **Impact Factor – range/average:** 0-11/3.04

❖ **h-index :** 10

23. Details of patents and income generated :

1. Rekha Puria, Rohini Chopra, Ganesan K. (2009) "Methods for identifying genes that increase yeast stress tolerance, and use of these genes for yeast strain improvement. European patent No. EP1910536.
2. Rekha Puria, Rohini Chopra, Ganesan K," Methods for identifying genes that increase yeast stress tolerance, and use of these genes for yeast strain improvement", PCT patent application filed on July 11, 2006, Ref no PCTIV2006/001910
3. Savneet Kaur, P.Usha Sarma and Taruna Madan. (2011) A method of use of purified rMBL in treatment against invasive pulmonary aspergillosis (Patent No. 1833502).

Income generated: NIL

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other laboratories /

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institutions industries in India and abroad

S.No.	Name of faculty	Institute visited	Duration
1	Savneet Kaur	University Children's Hospital, University of Regensburg, Regenesburg, Germany	1 month (june 2015)
2	Dr. Imteyaz Qamar	Indian Institute of Science, Bangalore	2 months (June-July 2014)
3	Dr. Jitendra Singh Rathore	University of Pennsylvania, Perelman School of medicine, Department of Microbiology, Philadelphia, USA	12 Months (1 st Sep 2013-31 st Aug 2014)

26. Faculty serving in

a) **National committees**

Nil

b) **International committees**

Nil

c) **Editorial Boards (give details with Faculty name)**

1. Editor "Immunology and Infectious Disease" Journal from Horizon Research publication corporation, USA (Dr. Jitendra Singh Rathore)
2. Editor "Journal of Life Sciences Research" International Journal from Asian online Journal. (Dr. Jitendra Singh Rathore)
3. Editor "Research and Review: A Journal for Bioinformatics" Journal from STM Journal (Dr. Jitendra Singh Rathore)
4. Journal of Developmental Biology and Tissue Engineering (Imteyaz Qamar)
5. Journal of Cancer Research and Experimental Oncology (Imteyaz Qamar)
6. Journal of Clinical Reviews and Opinions (Imteyaz Qamar)
7. Journal of Translational Biomedicine, Spain (Imteyaz Qamar)

d) **any other (please specify)**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

University supports the faculty members for attending faculty recharge programmes.

28. Student projects: (Actual data for year 2014-15)

- Percentage of students who have done in-house projects including inter-departmental projects : 63%
- Percentage of students doing projects in collaboration with other universities industry / institute: 37%

29. Awards / recognitions received at the national and international

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level by

- Faculty

Dr. Seema Dwivedi

- Contributing as a member Biotechnology Board of Studies in Mahamaya Technical University, U.P.
- Contributing as member of Reviewer Board in Journal of Advance Laboratory Researches in Biology (JALRB)
- Women Achievement Award for meritorious services and achievements by India International Friendship Society.

Dr. Gunjan Garg

- UGC-SLET, Raj. (2001)
- CSIR-NET (2002)

Dr. Jai Prakash Moyal

- Department of Biotechnology (DBT) fellowship from August 1997 to July 1999 in MSc program.
- DBT project fellowship from September 1999 to July 2000.
- Deutsche Forschungsgemeinschaft (DFG-German) fellowship from September 2001 to October 2004
- DFG (German) fellowship from May 2006 to Nov 2008
- Young Scientist Travel Awards in European Respiratory Society International congress in Berlin Oct 2008.

Dr. Bhupendra Chaudhary

- Travel grant by Department of Science and Technology, Government of India to attend 2nd International Course on “Automated Functional Annotation and Data Mining” 20- 22 October 2010, Prince Felipe Research Centre (CIPF), Valencia, Spain
- Travel grant by Council of Scientific and Industrial Research (CSIR), Ministry of Human Resource and Development, Government of India to attend 2nd International Symposium “Genomics of Plant Genetic Resources” 24-27 April 2010, University of Bologna, Bologna, Italy
- Awarded with an “Overseas Associateship for Specialized Training of Young Scientists in Niche Area of Biotechnology: 2005-2006” by Department of Biotechnology, Government of India

Dr. Shakti Sahi

- Appointed Honorary Research coordinator for Bioinformatics in Eicosanoid & Lipid Research Division, University Medical Centre, Berlin since 2006.
- April 2001-Jan. 2003: Research Associateship from Council of Scientific Industrial and Research (CSIR), New Delhi, India
- 1997-March 2001: Senior Research Fellowship from CSIR, New Delhi, India
- July 1993-April 1995: Junior Research Fellowship from UGC, India for qualifying in GATE, 1993.
- Prof. M. L. Schroff Award for Standing first all over India in graduation.
- Gold medal from Banaras Hindu University, Varanasi for securing first rank in graduation.

Dr. Rekha Puria

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- Qualified All India entrance level examination for doing Master of Science in Biotechnology at Panjab University through Combined Entrance Exam conducted by Jawaharlal Nehru University, New Delhi. Received Department of Biotechnology (DBT) fellowship from August 1997 to July 1999.
- Awarded Research fellowship (UGC-CSIR-NET-1999) based on national level examination conducted by Council of Scientific and Industrial Research, Govt. of India, for pursuing Ph.D in Life Sciences.
- Qualified national level Graduate Aptitude Test in Engineering (GATE)

Dr. Nagendra Singh

- National Academy of Sciences of India (NASI) young scientist award-2009
- . DST-young scientist fellowship-2005
- . Talekar Medal for the best PG thesis in Department of Biophysics, AIIMS
- Awarded “Meeting of Noble Laureates and Students” in the field of medicine by DST, June-July 2003, Lindau, Germany
- . Best paper of the year award for 2006, by Society of young Scientist, AIIMS
- CSIR-Senior Research fellowship (2002-2004)
- CSIR-Junior Research fellowship and NET-UGC (1999)
- Graduate Aptitude Test in Engineering (GATE-IIT)-1999
- Best Poster award in 5th Biotech Research Society of India (BRSI) conference 2008, Hyderabad Best Presentation award in Indian Biophysical Symposium (IBS-2004), Bangalore
- Best Presentation award in International Biophysics Congress-2005 Montpellier, France

Dr. Sachin Teotia

- Qualified for joint CSIR-UGC National Eligibility Test (NET) for Eligibility of Lectureship (June 1998)
- Junior Research Fellowship (June 1999) of Council and Scientific and Industrial Research (CSIR), Government of India.
- Selected as a trainee for the contact program on “Application of Techniques of Molecular Biology for Crop Improvement”, sponsored by Department of Science & Technology, Government of India, in March 1998, under the supervision of Prof. P.K. Gupta in the Department of Agricultural Botany, C.C.S University, Meerut, India.
- Awarded travel grant by American Society of Plant Biologists (ASPB), 2008, to attend annual meeting of Plant Biology 2008, at Merida, Mexico.
- Awarded Ray travel award (2008) for scholarship and service by Council of Graduate Students, The Ohio State University, Columbus, U.S.A., to attend “19th International Conference on Arabidopsis Research” at Montreal, Canada, July, 2008.
- Awarded Biotech Research Center travel award (2014) by Michigan Technological University, Houghton, MI, to attend International *Plant & Animal Genome* (PAG) XXIII Conference, January 10-14, 2015, San Diego, California, U.S.A.

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- Awarded travel award by the RNA society to attend the twentieth annual meeting of the RNA Society, May 26 – 31, 2015, in Madison, Wisconsin, U.S.A.

Dr. Imteyaz Qamar

- 2014: IASc-INSA-NASI Research Fellowship in Department of Biochemistry, Indian Institute of Science, Bangalore
- 2009-2010: DBT-Post Doctoral Fellowship, National Institute of Immunology, JNU Campus, New Delhi
- 2008-2009: Brain Korea-21 Post Doctoral Fellowship, Hormone Research Centre, School of Biological Science and Technology, Chonnam National University, South Korea
- 2007-2008: Brain Korea-21 Best Researcher Award, Hormone Research Centre, School of Biological Science and Technology, Chonnam National University, South Korea
- 2004-2008 Brain Korea-21 Ph.D. Studentship, Hormone Research Centre, School of Biological Science and Technology, Chonnam National University, South Korea
- 2002-2003 DBT-Research Assistantship, Department of Molecular Reproduction, Development and Genetics, Indian Institute of Science, Bangalore

Dr. Deepali Singh

- Travel award to attend and poster presentation at Post Transcriptional Regulation of Viral Gene Expression Meeting, 2008, Graves Mountain Lodge, Syria, Virginia.
- Qualified for joint CSIR-UGC National Eligibility Test (NET) for Eligibility of Lectureship
- Research Fellowship (June 1999) of Council and Scientific and Industrial Research (CSIR), Government of India for pursuing Ph.D. in life sciences.
- Qualified national level Graduate Aptitude Test in Engineering (GATE-99).
- Student Merit Fellowship by G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand for pursuing Masters in Biochemistry (August 1997-August 1999).

Dr. Mohd. Tashfeen Ashraf

- Awarded an International Travel Grant from the Dept. of Biotechnology, Dept. of Science & Technology and Indian National Science Academy for presenting a research paper at the 30th FEBS congress and 9th IUBMB International Conference held at Budapest, Hungary from Jul. 2- 7, 2005.

Dr. Siya Ram

- Best Oral Presentation Award (ICTEOH - Nov 14, 2005) held at Industrial Toxicology Research Center, Lucknow, India.
- Best Poster Presentation Award (ICTEOH - Nov 14, 2005) held at Industrial Toxicology Research Center, Lucknow, India.
- Senior Research Fellowship (CSIR, India, NET- SRF, Dec 15, 2004).
- Junior Research Fellowship (CSIR, India, NET- JRF, Dec 16, 2002).
- National Eligibility Test (CSIR, India, NET-LS, Dec 23, 2001)

Dr. Vikrant Nain

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- Qualified National Eligibility Test (NET) conducted jointly by Council of Scientific and Industrial Research (CSIR), and University Grant Commission (UGC).
- Awarded with Junior Research Fellowship (JRF) by CSIR.
- Awarded with Senior Research Fellowship (SRF) by CSIR.
- Awarded with Senior Research Associateship by CSIR.

Dr. Jitendra Singh Rathore

- Fulbright-Nehru Postdoctoral Research Fellowship 2013-14 from United States-India Education Foundation (USIEF).
- Assistant Professor of Microbiology on visiting track 1st Sep 2013-31st Aug 14 in Department of Microbiology, Perelman School of Medicine University, University of Pennsylvania, Philadelphia, USA.
- Young Scientist Project Awarded under Fast Track Scheme from Department of Science and Technology (DST), Government of India, 2011.
- PDA from Gautam Buddha University to attend 111th American Society of Microbiology (ASM), New Orleans, USA 2011.
- Selected from Gautam Buddha University as a Teacher to attend 3rd Science conclave (Interaction with Nobel laureates and eminent scientist (An MHRD and DST initiative) 8th Dec- 14th Dec, 2010 at IIIT Allahabad.
- Pre doctoral travel award from American Society of Cell Biology (ASCB) USA 2007.
- Foreign Travel Grant from Council of Scientific & Industrial Research (CSIR) for ASCB conference, 2007.
- Foreign Travel Grant from Jawaharlal Nehru University (JNU) corpus fund. 2007.
- Senior Research Fellowship (SRF) offered by Council of Scientific & Industrial Research, (CSIR) Govt. of India (Oct, 2005-Oct, 2008).
- Junior Research Fellowship (JRF) offered by Council of Scientific & Industrial Research (CSIR) Govt. of India (Oct, 2003-Oct, 2005).
- Qualified National Eligibility Test (NET) for Lectureship conducted by Council of Scientific & Industrial Research (CSIR) Govt. of India, 2002
- Qualified National Level GATE examination in 2002.
- Studentship for Master offered by Department of Biotechnology, (DBT) Govt. of India (2000-2002)

Dr. Vishwas Tripathi

- CSIR/UGC- NET - Junior Research Fellowship
- CSIR/UGC-Senior Research Fellowship
- Qualified-GATE-2002

Dr. Savneet Kaur

- Gold medalist in M.Sc Biochemistry, May 2001
- Goyal scholarship awarded to M.Sc toppers, Kurukshetra University, 2001
- Junior Research Fellowship, Indian Council for Medical Research, Dec 2002
- Qualified GATE-2002

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- Qualified NET (CSIR): Junior and Senior Research Fellowship, Council for Scientific and Industrial Research, India, Jan 2002-Dec 2005
- Senior Research Fellowship, Department of Biotechnology, India, Feb 2006-June 2006
- Postdoctoral fellowship, Department of Biotechnology, India, July 2006- June 2009
- International Travel Award by Indian National Science Academy and Department of Science and Technology, to attend the 35th Annual Scandinavian Society for Immunology, June 2004, Aarhus, Denmark
- International Travel Fellowship by the organizers for poster presentation at the 18th FAOBMB symposium, Nov 2005, Lahore, Pakistan
- Best poster award at the ‘7th Indo-US’ workshop organized by Indo-US forum at Trivandrum, Kerala, India, Feb 2007 in Kerala, India
- International Travel Award by Department of Science and Technology, India for poster presentation at the 2008 Meeting of International Society for Heart Research, ‘Cell to Bedside’ , June 2008, Cincinnati, Ohio
- Young Investigator Travel Award by American Association for the Study of Liver Diseases for presentation at AASLD conference, Oct 2010, Boston, USA
- DST Travel Award to present at the 64th Annual Meeting of the American Association for the Study of Liver Diseases at Washington, DC, from 1st Nov - 5th Nov, 2013.
- Best Poster Award: Awarded at the 16th Indo-US Flow Cytometry Workshop held at ILBS, New Delhi from 27th-28th Oct, 2014.
Deepti Vyas, Hamda Sidiqqui and Savneet Kaur. Curcumin inhibits endothelial progenitor cell-induced proliferation of HepG2 hepatocellular carcinoma cells".

Dr. Barkha Singhal

- Gold medal in B.Sc.
- Qualified National Eligibility Test (NET) through Council of Scientific and Industrial Research (CSIR- 2004), New Delhi, India.

Dr. Bhaswati Banerjee

- CSIR-Junior Research Fellowship and NET (Life Sciences) (2004-2006)
- CSIR-Senior Research Fellowship (2006-2008)
- Cleared GATE in 2003

Doctoral / post doctoral fellows : Nil

- Students : Nil

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

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1. One day Symposium on “Bridging gap between industry and academia-2015” Funded by GBU
31. **Code of ethics for research followed by the departments**
As per institutional ethical committee of conduct/ethics
32. **Student profile programme-wise**

M.Tech (Biotech) 2 year Program

Name of Program	Application Received	Selected		Pass Percentage Male/Female
		Male	Female	
M.Tech Biotech (2010-12)	Refer to Annexure-Vol-II/1	18	7	92%
M.Tech Biotech (2011-2013)		19	18	97%
M.Tech Biotech (2012-2014)		08	14	100%
M.Tech Biotech (2013-2015)		11	12	91%
M.Tech Biotech (2014-2016)		10	11	Ongoing

M.Tech (Biotech) 3 Year Program

Name of Program	Application Received	Selected		Pass Percentage Male/Female
		Male	Female	
M.Tech Biotech (2009-2012)	Refer to Annexure-Vol-II/1	26	19	98%
M.Tech Biotech (2010-2013)		28	22	96%
M.Tech Biotech (2011-2014)		29	34	89%
M.Tech Biotech (2012-2015)		10	20	97%
M.Tech Biotech (2013-2016)		09	10	Ongoing
M.Tech Biotech (2014-2017)		05	04	Ongoing

Integrated B.Tech + M.Tech/MBA (Biotech) 5 Year Program

Name of Program	Application Received	Selected		Pass Percentage Male/Female
		Male	Female	
Int. B.Tech+M.Tech Biotech (2010-2015)	Refer to Annexure-Vol-II/1	24	19	88%
Int. B.Tech+M.Tech Biotech (2011-2016)		22	32	Ongoing
Int. B.Tech+M.Tech Biotech (2012-2017)		17	22	Ongoing

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Int. B.Tech+M.Tech Biotech (2013-2018)		18	26	Ongoing
Int. B.Tech+M.Tech Biotech (2014-2019)		19	21	Ongoing

33. Diversity of Students (2014-15)

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
Integrated B.Tech+M.Tech/MBA (Biotech)	Nil	68%	32%	Nil
M.Tech (Biotech) 2 yr	Nil	80%	20%	Nil
M.Tech (Biotech) 3 yr	Nil	78%	22%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. 02

35. Student progression (in GBU)

Student progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil.	NA
PG to Ph.D.	7%
Ph.D. to Post-Doctoral	NA
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	Data Not Available

36. Diversity of staff

Percentage of faculty who are graduates of the	
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same university	Nil
from other universities within the State	62%
From university from other states	38%
University 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 : Nil
 - b) Internet facilities for staff and students: Yes
 - c) Total number of class rooms: 9
 - d) Class rooms with ICT facility: 9
 - e) Students' laboratories: 19
 - f) Research laboratories: 19 (same as e)

S.No	Laboratory	Lab. No.
1.	Plant Tissue Culture	BP-111
2.	Animal Tissue Culture	BP-111
3.	Central Instrumentation Facility	BP-116
4.	Microbiology	BP-104
5.	Genomics & Proteomics	BP-201
6.	Microscopy Lab	BP-110
7.	Bioprocess & Fermentation Lab.	BP-118
8.	Environmental Biotech	BP-102
9.	Teaching Labs.(4 Labs)	BP-105,106,107,108
10.	Research Labs	BP-112,113,114
11.	Autoclave & Washing Room	BP-117
12.	Bioinformatics (Computer Lab)	BP-203,202
13.	Biosafety Lab	BP-103
14.	Cold Room	--

- 39. List of doctoral, post-doctoral students and Research Associates (till 2014-15)**

- a) from the host institution/university : 02 PhD.
- b) from other institutions/universities : 27 PhD

Batch-1 (2011)

Sr. No.	Roll No	Students Name
1	BT/Ph.D/2011/002	Ms. Chetana Aggarwal
2	BT/Ph.D/2011/003	Mr. Girraj Singh
3	BT/Ph.D/2011/004	Ms. Meenakshi Chaudhary
4	BT/Ph.D/2011/005	Mr. Sanjeev Sharma

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5	BT/Ph.D/2011/006	Mr. Vishal Chand
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Batch-2 (2012)

1	BT/Ph.D/2012/002	Anjana
2	BT/Ph.D/2012/004	Avaneesh Kumar Dwivedi
3	BT/Ph.D/2012/008	Ravi Kumar Chaudhary
4	BT/Ph.D/2012/009	Renu
5	BT/Ph.D/2012/010	Sona Mishra
6	BT/Ph.D/2012/011	Sudhir Kotnala

Batch - 3 -- (2013)

1	BT/Ph.D/2013/001	Aman Chandra Kaushik
2	BT/Ph.D/2013/002	Anamika Sharma
3	BT/Ph.D/2013/003	Dev Bukhsh singh
4	BT/Ph.D/2013/004	Dhananjay Kumar Pandey
5	BT/Ph.D/2013/005	Hamda Siddiqui
6	BT/Ph.D/2013/006	Jitendra Kumar Verma
7	BT/Ph.D/2013/009	Pawan Kumar
8	BT/Ph.D/2013/010	Poonam Mishra
9	BT/Ph.D/2013/012	Shailendra Kumar Mishra
10	BT/Ph.D/2013/013	Surabhi Lavania
11	BT/Ph.D/2013/014	Sushil kumar

Batch - 4 -- (2014)

1	BT/Ph.D/2014/001	Ankita Awasthi
2	BT/Ph.D/2014/002	Shashank kumar Yadav
3	BT/Ph.D/2014/004	Suman
4	BT/Ph.D/2014/005	Swati Uniyal
5	BT/Ph.D/2014/006	Vijay Kumar
6	BT/Ph.D/2014/007	Md. Sajid Hussain
7	BT/Ph.D/2013/011	Rashmi chandra

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.**

Feedback by experts from academia and industries were considered for starting the integrated B. Tech and M. Tech programs. PhD program was

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started for higher education.

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 department takes feed back on regular basis. This feedback is proposed in the regular Board of Studies meeting for consideration.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Feed backs are also taken from students by the faculties for curriculum and teaching-learning evaluation.

Feed back of faculty from student is also taken at University level.

- 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) :

Data Not available

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

Industry Visit/Workshops Attended by M.Tech Students				
1.	Modi Sugar Mills, Modinagar, Ghaizabad (U.P.)	M.Tech Students	To make familiar them with distillery (alcohol production and purification)	2011
2.	JUBILANT LIFESCIENCES Ltd. Gajraula, Distt. Uttar Pradesh, India	M.Tech Students	Fermentation	2013
3.	Panacea Biotec Ltd.Chandigarh	M.Tech Students	Drug design	2013
4.	Imperial Life Sciences, Manesar	M.Tech Students	Workshop on qPCR	01 month
5.	BD Biosciences, New Delhi	M.Tech Students	Workshop on FACS	02 days
6.	CIAB, Centre of innovative and Applied bioprocessing Mohali, Chandigarh (Punjab)	M.Tech Students	To make familiar them with advanced bio-processing techniques	2015
Workshop Organized By School of Biotechnology				
	Hands on Training Session	Target audience	Purpose	Duration

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1.	GE Healthcare, Gurgaon	M.Tech Students	Workshop on proteomics	02 days
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45. List the teaching methods adopted by the faculty for different programmes.

1. Lecture/tutorials/labs
2. Board and ICT facilities
3. Conduct the quizzes and seminars
4. Student centred approach

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Oral presentation/assignments/internal test/quizzes/tutorials

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

Students and faculties are actively involved in extracurricular activities of the University.

48. Give details of “beyond syllabus scholarly activities” of the department.

Sports and cultural activities, participate of students in scientific competition, scientific poster presentation, photographic cometition by students, organized guest lectures by the academicians and industrial persons

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.

Faculty has published their research work in refereed journals at national and international levels.

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

Major Strengths:

1. Good infrastructure and well equipped electronic technology based classroom teaching
2. Well qualified faculties and good numbers of research projects funded by CSIR, DST, DBT etc
3. Well equipped wet labs and computer laboratories
4. Separate seminar halls, conference room, school library and auditorium at school level
5. Mandatory 100% attendance for the students in theory and labs.
6. Follow well organized course structure based on CBCS
7. Syllabus is updated every year by the expertise members from recognized universities.

Weaknesses:

- Lack of seed money.
- Lack of senior faculty member

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- Absence of alumni network t.

Opportunities:

- Introduce new courses at under graduate and post graduate level
- Tie up with corporate to the academics and increase employability.
- Develop the high lab facility for R&D work

Challenges:

- To get collaboration with reputed research institute/laboratory/ industry for research
- To arrange more research funding from various research agencies like DST, DBT, CSIR, ICAR etc
- Improve placement scenario
- To attract good number of students for UG and PG programs.

52. Future plans of the department

- Initiation of post doctoral research program at the school.
- To organise national and international conferences/seminars/workshops at the departmental level.
- Development of national level laboratory
- Introduction of new programs in biotechnology
- Extract more extramural research funding at national and international level.

LIST OF PUBLICATIONS:

1. A. K. Dwivedi, V. Gurjar, S. Kumar, N. Singh. (2015) Molecular basis for nonspecificity of nonsteroidal anti-inflammatory drugs (NSAIDs). *Drug Discovery Today*; epub, DOI:10.1016/j.drudis.2015.03.004.
2. Kaushik, Aman Chandra; Sahi, Shakti (2015) Boolean network model for GPR142 against Type 2 diabetes and relative dynamic change ratio analysis using systems and biological circuits approach. *Systems and Synthetic Biology*, 1-10.
3. Gulam Rabbani, Ejaz Ahmad, Mohsin Vahid Khan, Mohd. Tashfeen Ashraf, Rajiv Bhat and Rizwan Hasan Khan “Impact of structural stability of cold adapted *Candida antarctica* lipase B (CALB): In relation to pH, chemical and thermal denaturation” *RSC Advances* 2015; 5: 20115- 20131.
4. D Vyas, S Gupt, V Dixit, Anita K and S Kaur. To study the effect of curcumin on the growth properties of circulating endothelial progenitor cells. *In Vitro Cell Dev Biol Anim.*, 2015; 51:488-94.
4. Sahi S, Raj U, Chaudhary M, Nain V.(2014) Modelling of Human Leucyl Aminopeptidases For In silico Off Target Binding Analysis Of Potential Plasmodium falciparum Leucine Aminopeptidase (PfA-M17) Specific Inhibitors. *Recent Pat Endocr Metab Immune Drug Discov.* 8(3):191-201
5. Sahi S, Rai S, Chaudhary M, Nain V. (2014) Modeling of human M1 aminopeptidases for in silico screening of potential Plasmodium falciparum

DEPARTMENT OF BIOTECHNOLOGY

- alanine aminopeptidase (PfA-M1) specific inhibitors, Bioinformation. Aug 30;10(8):518-25.
- 6. Tewatia P, Agrawal N, Gaur M, Sahi S. (2014) Insights into the conformational perturbations of novel agonists with β 3-adrenergic receptor using molecular dynamics simulations. Biochimie. 101:168-82. doi: 10.1016/j.biochi.2014.01.016. Epub 2014 Feb 6.
 - 7. Pandey, D. K. and Chaudhary, B. (2014) Role of Plant Somatic Embryogenesis Receptor Kinases (SERKs) in Cell-to-Embryo Transitional Activity: Key at Novel Assorted Structural Subunits. American Journal of Plant Sciences 5: 3177-3193
 - 8. Deepali Singh, Annick Ambroise, Robert Haicour, Darasinh Sihachakr, Manchikatla Venkat Rajam. Increased resistance to fungal wilts in transgenic eggplant expressing alfalfa glucanase gene. Physiology and Molecular Biology of Plants (2014) DOI 10.1007/s12298-014-0225-7 .
 - 9. Chaudhary, B., Chattopadhyay, P. and Banerjee, N. (2014). Modulations in seed micromorphology reveal signature of adaptive species-diversification in Dendrobium (Orchidaceae). Open Journal of Ecology 2:33-42
 - 10. Vikrant Nain, Richa Buddham, Rekha Puria and Shakti Sahi. (2014). Role of TCA cycle truncation in cancer cell energetic. Current Trends in Biotechnology and Pharmacy. 8: 428- 438.
 - 11. Vivek Kumar Singh, Sellamuthu Gothandapani, Mullapudi Lakshmi Venkata Phanindra, Vikrant Nain, Rohini Sreevathsa, KRS Rao, Polumetla Ananda Kumar (2014) Vacuolar Targeting of Cry 1Ac and its Effects on Expression and Stability in Tobacco. Current Trends in Biotechnology and Pharmacy. 8: 27 6-287.
 - 12. Goswami, G.; Krishnamohan, M.; Nain, V.; Aggarwal, C. , and Ramesh, B., (2014) Cloning and heterologous expression of cellulose free thermostable xylanase from *Bacillus brevis*. SpringerPlus, 3(1): 20.
 - 13. Pandey, D. K. and Chaudhary, B. (2014) Oxidative stress responsive SERK1 gene directs the progression of somatic embryogenesis in cotton (*Gossypium hirsutum* L. cv. Coker 310). American Journal of Plant Sciences 5:80-102
 - 14. Savneet Kaur and Shweta Singh. Biofilm formation by *Aspergillus fumigatus*. Med. Myc., 2014;52:2-9.
 - 15. Savneet Kaur and Preety Bajwa. A tete-e-tete between cancer stem cells and endothelial progenitor cells in tumor angiogenesis. Clin. Trans. Oncol., 2014;16:115-21.
 - 16. Tripathi Vishwas, Kumar R, Dinda AK, Kaur J, Luthra K CXCL12-CXCR7 Signaling Activates ERK and Akt Pathways in Human Choriocarcinoma Cells. Cell Communication. Adhesion. 2014, Jan 23 PMID: 24450273
 - 17. Singh A, Tripathi Vishwas. Avenanthramides of Oats - From Cereals to Drugs. The Journal of Aging Research and Clinical Practice, 2014. (Accepted- In press)
 - 18. Khurana N, Singh R, Singh A, Tripathi Vishwas. Piperine induces down regulation of BCL2 and upregulation of BAD in smokeless tobacco induced Human oral squamous cell carcinoma (SCC4). Int. Journal of Bio-Tech. and Res. Vol. 4, Issue 2, Apr 2014, 7- 14
 - 19. Savneet Kaur and K. Anita. Angiogenesis in liver regeneration and fibrosis: A double-edged sword. Hep Int., 2014;7:959-968.

DEPARTMENT OF BIOTECHNOLOGY

20. N. Arora, S. Sahi and N. Singh (2013). Structural mapping of ligand binding sites on P-glycoproteins: Mechanism of inhibition of P-glycoprotein by herbal isoflavones. *Int. J. Biochem. Res. And Reviews*, 3(4), 421-435.
21. S. Kaushik, N. Singh, S. Yamini, A. Singh, M. Sinha, A. Arora, P. Kaur, S. Sharma, T. P. Singh (2013). The Mode of Inhibitor Binding to Peptidyl-tRNA Hydrolase: Binding Studies and Structure Determination of Unbound and Bound Peptidyl-tRNA Hydrolase from *Acinetobacter baumannii*. *PLoS ONE* 07/2013; 8(7):e67547. DOI:10.1371/journal.pone.0067547
22. A. Kumar, N. Singh, R. Yadav, R.P. Kumar, S. Sharma, A. Arora, T. P. Singh(2012). Crystal structure of peptidyl-tRNA hydrolase from mycobacterium smegmatis reveals novel features related to enzyme dynamics. *Int. J. Biochem. Mol. Biol.* 3(1):58-69.
23. P. Sharma, D. Dube, A. Singh, B. Mishra, N. Singh, M. Sinha, S. Dey, P. Kaur, D. K. Mitra, S. Sharma, T. P. Singh(2011): Structural Basis of Recognition of Pathogen-associated Molecular Patterns and Inhibition of Proinflammatory Cytokines by Camel Peptidoglycan Recognition Protein. *J. Biol. Chem.* 05/2011; 286(18):16208-16217.
24. N. Kaur, A. Gautam, S. Kumar, A. Singh, N. Singh, S. Sharma, R. Sharma, R. Tewari, T. P. Singh (2011). Biochemical studies and crystal structure determination of dihydridipicolinate synthase from *Pseudomonas aeruginosa*. *International J. Biol. macromolecules*; 48(5):779-87. DOI:10.1016/j.ijbiomac.2011.03.002
25. D. N. Chandra, G. K. Prasanth, N. Singh, S. Kumar, O. Jithesh, C. Sadashivan, S. Sharma, T. P. Singh, M. Haridas (2011). Identification of a novel and potent inhibitor of phospholipase A2 in a medicinal plant: Crystal structure at 1.93Å and Surface Plasmon Resonance analysis of phospholipase A2 complexed with berberine. *Biochimica et Biophysica Acta*; 1814(5):657-63. DOI:10.1016/j.bbapap.2011.03.002
26. S. Kumar, N. Singh, B. Mishra, D. Dube, M. Sinha, S. B. Singh, S. Dey, P. Kaur, S. Sharma, T. P. Singh (2010): Modulation of inhibitory activity of xylanase - α-amylase inhibitor protein (XAIP): binding studies and crystal structure determination of XAIP- II from *Scadoxus multiflorus* at 1.2 Å resolution. *BMC Struct. Biol.*; 10:41. DOI:10.1186/1472-6807-10-41
27. R. Mir, N. Singh, G. Vikram, M. Sinha, A. Bhushan, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2010): Structural and binding studies of C-terminal half (C-lobe) of lactoferrin protein with COX-2-specific non-steroidal anti-inflammatory drugs (NSAIDs). *Arch. of Biochem. Biophysics* 08/2010; 500(2):196-202. DOI:10.1016/j.abb.2010.05.026
28. S. Kumar, N. Singh, M. Sinha, D. Dube, S. B. Singh, A. Bhushan, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2010): Crystal structure determination and inhibition studies of a novel xylanase and alpha-amylase inhibitor protein (XAIP) from *Scadoxus multiflorus*. *FEBS Journal* 07/2010; 277(13):2868-82. DOI:10.1111/j.1742-4658.2010.07703.x
29. A.K Singh, N. Singh, A.Tiwari, M. Sinha, G. S. Kushwaha, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2010): First structural evidence for the mode of diffusion of aromatic ligands and ligand-induced closure of the hydrophobic channel in heme peroxidases. *European J. Biochem.*; 15(7):1099-107. DOI:10.1007/s00775-010-0669-3
30. R. Mir, R. P. Kumar, N. Singh, G. Vikram, M. Sinha, A. Bhushan, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2010): Specific interactions of C-

DEPARTMENT OF BIOTECHNOLOGY

- terminal half (C-lobe) of lactoferrin protein with edible sugars: Binding and structural studies with implications on diabetes. International J. Biological Macromolecules; 47(1):50-9. DOI:10.1016/j.ijbiomac.2010.03.021
31. R. Mir, N. Singh, G. Vikram, R. P. Kumar, M. Sinha, A. Bhushan, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2009): The Structural Basis for the Prevention of Nonsteroidal Antiinflammatory Drug-Induced Gastrointestinal Tract Damage by the C-Lobe of Bovine Colostrum Lactoferrin. Biophysical J.; 97(12):3178-86. DOI:10.1016/j.bpj.2009.09.030
32. N. Singh, R. P. Kumar, S. Kumar, S. Sharma, R. Mir, P. Kaur, A. Srinivasan, T. P. Singh (2009): Simultaneous inhibition of anti-coagulation and inflammation: crystal structure of phospholipase A₂ complexed with indomethacin at 1.4 Å resolution reveals the presence of the new common ligand-binding site. J. Mol. Recognition; 22(6):437-45. DOI:10.1002/jmr.960
33. A.K. Singh, R. P. Kumar, N. Pandey, N. Singh, M. Sinha, A. Bhushan, P. Kaur, S. Sharma, T. P. Singh (2009): Mode of binding of the tuberculosis prodrug isoniazid to heme peroxidases: binding studies and crystal structure of bovine lactoperoxidase with isoniazid at 2.7 Å resolution. J. Biol. Chem. 11/2009; 285(2):1569-76. DOI:10.1074/jbc.M109.060327
34. S. Kumar, N. Singh, M. Sinha, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2009): Isolation, purification, crystallization and preliminary crystallographic studies of amaryllin, a plant pathogenesis-related protein from Amaryllis belladonna. Acta Crystallogr. Sect. F Structural Biology and Crystallization Communications; 65(Pt 6):635-7. DOI:10.1107/S174430910901745X
35. N. Singh, A. K. Singh, M. Sinha, A. Bhushan, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2009): Binding modes of aromatic ligands to mammalian heme peroxidases with associated functional implications: crystal structures of lactoperoxidase complexes with acetylsalicylic acid, salicylhydroxamic acid, and benzylhydroxamic acid. J. Biol. Chem.; 284(30):20311-8. DOI:10.1074/jbc.M109.010280
36. V. Kumar, Y. Roske, N. Singh, U. Heinemann, T. P. Singh, S. Yadav (2009): Purification and preliminary X-ray crystallographic studies of beta-microseminoprotein from human seminal plasma. Acta Crystallogr. Sect. F Structural Biology and Crystallization Communications; 65(Pt 5):518-21. DOI:10.1107/S1744309109013670
37. P. Mishra, R. P. Kumar, A. S. Ethayathulla, N. Singh, S. Sharma, M. Perbandt, C. Betzel, P. Kaur, A. Srinivasan, V. Bhakuni, T. P. Singh (2009): Polysaccharide binding sites in hyaluronate lyase--crystal structures of native phage-encoded hyaluronate lyase and its complexes with ascorbic acid and lactose. FEBS Journal; 276(12):3392-402. DOI:10.1111/j.1742-4658.2009.07065.x
38. P. Sharma, N. Singh, M. Sinha, S. Sharma, M. Perbandt, C. Betzel, P. Kaur, A. Srinivasan, T. P. Singh (2009): Tryptophan as a three-way switch in regulating the function of the secretory signalling glycoprotein (SPS-40) from mammary glands: structure of SPS-40 complexed with 2-methylpentane-2,4-diol at 1.6 Å resolution. Acta Crystallogr. Sect. D Biological Crystallography; 65(Pt 4):375-8. DOI:10.1107/S0907444909002327

DEPARTMENT OF BIOTECHNOLOGY

39. I. A. Sheikh, A. K. Singh, N. Singh, M. Sinha, S. B. Singh, A. Bhushan, P. Kaur, A. Srinivasan, S. Sharma, T. P. Singh (2009): Structural evidence of substrate specificity in mammalian peroxidases: structure of the thiocyanate complex with lactoperoxidase and its interactions at 2.4 Å resolution. *J. Biol. Chem.* 05/2009; 284(22):14849-56. DOI:10.1074/jbc.M807644200
40. A.K. Singh, N. Singh, S. Sharma, K. Shin, M. Takase, P. Kaur, A Srinivasan, T P Singh (2009): Inhibition of Lactoperoxidase by Its Own Catalytic Product: Crystal Structure of the Hypothiocyanate-Inhibited Bovine Lactoperoxidase at 2.3-Å Resolution. *Biophysical Journal*; 96(2):646-54. DOI:10.1016/j.bpj.2008.09.019
41. M. I. Hassan, S. Bilgrami, V. Kumar, N. Singh, S. Yadav, P. Kaur, T. P. Singh (2008): Crystal Structure of the Novel Complex Formed between Zinc α 2-Glycoprotein (ZAG) and Prolactin-Inducible Protein (PIP) from Human Seminal Plasma. *J. Mol. Biol.* ; 384(3):663-72. DOI:10.1016/j.jmb.2008.09.072
42. R. Mir, M. Sinha, S. Sharma, N. Singh, P. Kaur, A Srinivasan, T. P. Singh (2008): Isolation, purification, crystallization and preliminary crystallographic studies of sagitoxin, an oligomeric cardiotoxin from the venom of *Naja naja saggittifera*. *Acta Crystallogr. Sect. F Structural Biology and Crystallization Communications*; 64(Pt 6):545-7. DOI:10.1107/S1744309108014334
43. P. Sharma, N. Singh, M. Sinha, S. Sharma, M. Perbandt, C. Betzel, P. Kaur, A. Srinivasan, T. P. Singh (2008): Crystal structure of the peptidoglycan recognition protein at 1.8 Å resolution reveals dual strategy to combat infection through two independent functional homodimers. *J. Mol. Biol.*; 378(4):923-32. DOI:10.1016/j.jmb.2008.03.018
44. A. K. Singh, N. Singh, S. Sharma, S. Baskar Singh, P. Kaur, A. Bhushan, A. Srinivasan, T. P. Singh (2008): Crystal structure of lactoperoxidase at 2.4 Å resolution. *J. Mol. Biol.*; 376(4):1060-75. DOI:10.1016/j.jmb.2007.12.012
45. Sharma, P., Singh, N., Sinha, M., Sharma, S., Perbendt, M., Betzel, Ch., Kaur, P., Srinivasan , A. and Singh, T.P. (2008). Crystal Structure of Peptidoglycan Recognition Protein at 1.8Å Resolution. *Acta Cryst. Sect. A*64, C314.
46. Jain, R., Sharma, P., Singh, N., Sharma, S., Kaur, P. and Singh, T.P. (2008). Crystal Structure of the Complex of Cameline Peptidoglycan Recognition Protein with Disaccharide at 3.2Å Resolution. *Biophysical Journal* 94: 3256
47. Kumar, R.P., Singh N., Sharma S., Kaur, P., Srinivasan A., and Singh T.P. (2007)Crystal structures of complexes of phospholipase A₂with natural and synthetic inhibitors. *The FASEB Journal*. 2007;21:649.6
48. J. Kumar, A. S Ethayathulla, D. B. Srivastava, N. Singh, S. Sharma, P. Kaur, A. Srinivasan, T. P. Singh (2007): Carbohydrate-binding properties of goat secretory glycoprotein (SPG-40) and its functional implications: structures of the native glycoprotein and its four complexes with chitin-like oligosaccharides. *Acta Crystallogr. Sect. D Biological Crystallography* 05/2007; 63(Pt 4):437-46. DOI:10.1107/S0907444907001631
49. N. Singh, Rishi K Somvanshi, S. Sharma, S. Dey, P. Kaur, T. P. Singh (2007): Structural elements of ligand recognition site in secretory phospholipase A(2) and structure-based design of specific inhibitors. *Current Topics in Medicinal Chemistry*; 7(8):757-64. DOI:10.2174/156802607780487669

DEPARTMENT OF BIOTECHNOLOGY

50. D. B Srivastava, A. S. Ethayathulla, J. Kumar, N. Singh, S. Sharma, U. Das, A. Srinivasan, T. P. Singh (2007): Crystal structure of a secretory signalling glycoprotein from sheep at 2.0A resolution. *J. Struct. Biol.*; 156(3):505-16. DOI:10.1016/j.jsb.2006.05.008
51. M. Sharma, A. S. Ethayathulla, T. Jabeen, N. Singh, K. Sarvanan, S. Yadav, S. Sharma, A. Srinivasan, T. P. Singh (2006): Crystal structure of a highly acidic neurotoxin from scorpion *Buthus tamulus* at 2.2A resolution reveals novel structural features. *J. Struct. Biol.*; 155(1):52-62. DOI:10.1016/j.jsb.2005.12.005
52. N. Singh, T. Jabeen, A. Pal, S. Sharma, M. Perbandt, C. Betzel, T. P. Singh (2006): Crystal structures of the complexes of a group IIA phospholipase A2 with two natural anti-inflammatory agents, anisic acid, and atropine reveal a similar mode of binding. *Proteins Structure Function and Bioinformatics*; 64(1):89-100. DOI:10.1002/prot.20970
53. N. Singh, T. Jabeen, S. Sharma, R. K. Somvanshi, S. Dey, A. Srinivasan, T. P. Singh (2006): Specific binding of non-steroidal anti-inflammatory drugs (NSAIDs) to phospholipase A2: structure of the complex formed between phospholipase A2 and diclofenac at 2.7 A resolution. *Acta Crystallogr. Sect. D Biological Crystallography*; 62(Pt 4):410-6. DOI:10.1107/S0907444906003660
54. T. Jabeen, N. Singh, R. K. Singh, A. S. Ethayathulla, S. Sharma, A. Srinivasan, T. P. Singh (2006): Crystal structure of a novel phospholipase A2 from *Naja naja sagittifera* with a strong anticoagulant activity. *Toxicon*; 46(8):865-75. DOI:10.1016/j.toxicon.2005.08.008
55. T. Jabeen, N. Singh, R. K. Singh, S. Sharma, R. K. Somvanshi, S. Dey, T. P. Singh (2006): Non-steroidal anti-inflammatory drugs as potent inhibitors of phospholipase A2: structure of the complex of phospholipase A2 with niflumic acid at 2.5 Angstroms resolution. *Acta Crystallogr. Sect. D Biological Crystallography*; 61(Pt 12):1579-86. DOI:10.1107/S0907444905029604
56. Jain R., Kumar S., Singh N., Sharma S. and Singh T.P. (2005). Characterization of proteins from human pleural fluid. *Eur. Biophys. J.* 34, 825.
57. Srivastava D.B., Kumar J., Srivastava P., Mandal A., Jain R., Jabeen T., Singh N., Sharma S., Srinivasan A. and Singh T.P. (2005). Clinical Proteomics: characterization and structural studies of new proteins from human body fluids and tissues. *Eur. Biophys. J.* 34, 773.
58. T. Jabeen, S. Sharma, N. Singh, A. Bhushan, T. P. Singh (2005): Structure of the zinc-saturated C-terminal lobe of bovine lactoferrin at 2.0 A resolution. *Acta Crystallogr. Sect. D Biological Crystallography*; 61(Pt 8):1107-15. DOI:10.1107/S0907444905016069
59. R. K. Singh, N. Singh, T. Jabeen, S. Sharma, S. Dey, T. P. Singh (2005): Crystal structure of the complex of group I PLA2 with a group II-specific peptide Leu-Ala-Ile-Tyr-Ser (LAIYS) at 2.6 A resolution. *J. Drug Target.*; 13(6):367-74. DOI:10.1080/10611860500254450
60. T. Jabeen, S. Sharma, N. Singh, R. K. Singh, P. Kaur, M. Perbandt, C. Betzel, A. Srinivasan, T. P. Singh (2005): Crystal structure of a calcium-induced dimer of two isoforms of cobra phospholipase A2 at 1.6 Å resolution. *Proteins Structure Function and Bioinformatics*; 59(4):856-63. DOI:10.1002/prot.20464

DEPARTMENT OF BIOTECHNOLOGY

61. Singh, N., Sarvanan, K., Paramasivam, M., Sharma, S., Srinivasan, A. and Singh T. P. (2005). Purification and partial characterization of neurotoxins from Indian red scorpion venom and cloning of toxin cDNAs. *Ind. J. Phys.* 6, 77-86.
62. T. Jabeen, S. Sharma, N. Singh, R. K Singh, A. K. Verma, M. Paramasivam, A. Srinivasan, T. P. Singh (2005): Structure of the zinc-induced heterodimer of two calcium-free isoforms of phospholipase A(2) from *Naja naja sagittifera* at 2.7 angstrom resolution. *Acta Crystallogr. Sect. D Biological Crystallography*; 61(Pt 3):302-8. DOI:10.1107/S0907444904033165
63. N. Singh, T. Jabeen, S. Sharma, I. Roy, M. N. Gupta, S. Bilgrami, R. K Somvanshi, S. Dey, M. Perbandt, C. Betzel, A. Srinivasan, T. P. Singh (2005): Detection of native peptides as potent inhibitors of enzymes. Crystal structure of the complex formed between treated bovine alpha-chymotrypsin and an autocatalytically produced fragment, Ile-Val-Asn-Gly-Glu-Glu-Ala-Val-Pro-Gly-Ser-Trp-Pro-Trp, at 2.2Å resolution. *FEBS Journal*; 272(2):562-72.
64. T. Jabeen, N. Singh, R. K. Singh, J. Jasti, S. Sharma, P. Kaur, A. Srinivasan, T. P. Singh (2005): Crystal structure of a heterodimer of phospholipase A2 from *Naja naja sagittifera* at 2.3 Å resolution reveals the presence of a new PLA2-like protein with a novel cys 32-Cys 49 disulphide bridge with a bound sugar at the substrate-binding site. *Proteins Structure Function and Bioinformatics* 02/2005; 62(2):329-37. DOI:10.1002/prot.20708
65. N. Singh, T. Jabeen, R. K Somvanshi, S. Sharma, S. Dey, T. P. Singh (2004): Phospholipase A2 as a target protein for nonsteroidal anti-inflammatory drugs (NSAIDS): crystal structure of the complex formed between phospholipase A₂ and oxyphenbutazone at 1.6Å resolution. *Biochemistry*; 43(46):14577-83. DOI:10.1021/bi0483561
66. A. K. Sharma, S. Kumar, V. Sharma, A. Nagpal, N. Singh, I. Tamboli, I. Mani, G. Raman, T. P. Singh (2001): Lactoferrin-melanin interaction and its possible implications in melanin polymerization: Crystal structure of the complex formed between mare lactoferrin and melanin monomers at 2.7Å resolution. *Proteins Structure Function and Bioinformatics*; 45(3):229-36. DOI:10.1002/prot.1143
67. Sahi S, Tewatia P, Ghosal S. (2012) Leishmania donovani pteridine reductase 1: comparative protein modeling and protein-ligand interaction studies of the leishmanicidal constituents isolated from the fruits of *Piper longum*. *J Mol Model*. Dec;18(12):5065-73. doi: 10.1007/s00894-012-1508-y. Epub 2012 Jul 3.
68. Tewatia P, Malik BK, Sahi S. (2012) Identification of Novel β3-Adrenoceptor agonists using Energetic analysis, structure based Pharmacophores and Virtual screening , Comb Chem High Throughput Screen Sep;15(8):623-40.
69. Sahi S, Tewatia P, Malik BK. (2012) Modeling and Simulation Studies of Human β3 Adrenergic Receptor and its Interactions with Agonists, Current Computer-aided drug design Jan 16. [Epub ahead of print]
70. Puria R, Sahi S, Nain V. (2012) HER2+ breast cancer therapy: by CPP-ZFN mediated targeting of mTOR?, *Technol Cancer Res Treat*. Apr;11(2):175-9.
71. Sahi,S. and Chaudhary, M. (2011), 'In silico designing of insecticidal small interfering RNA (siRNA) for *Helicoverpa armigera* control', *Indian J. Experimental Biology*, Vol. 49(06), 469-474.

DEPARTMENT OF BIOTECHNOLOGY

72. Dipty Shrivastava, Vikrant Nain, Shakti Sahi, Anju Verma, Priyanka Sharma, PC Sharma, P Ananda Kumar (2011) 'Insights from molecular modelling and dynamics simulation of pathogen resistance (R) protein from brinjal' *Bioinformation*, 5(8):326-330.
73. Bhatnagar Seema, Kaushik Swati and Sahi Shakti (2011) 'Stereoselective Bromination of 2-Vinyl Chromones Using NBS', *Synthetic Communications*, 41: 2, 219-226.
74. Nain V, Sahi S, Verma A.(2010) 'CPP-ZFN: a potential DNA-targeting anti malarial drug' *Malar J.*, Sep 16;9:258.
75. Bhatnagar S, Sahi S, Kackar P, Kaushik S, Dave MK, Shukla A, Goel A. (2010) 'Synthesis and docking studies on styryl chromones exhibiting cytotoxicity in human breast cancer cell line' *Bioorg Med Chem Lett*. Aug 15;20 (16):4945-50.
76. 4.Chaudhary, B. (2013). Plant Domestication and Resistance to Herbivory. *International Journal of Plant Genomics* doi.org/10.1155/2013/572784
77. 5.Pandey, D. K., Singh, A.K. and Chaudhary, B. (2012) Boron-mediated Plant Somatic Embryogenesis: A provocative model. *Journal of Botany* doi :10.1155/2012/375829
78. 6.Chaudhary, B., Chattopadhyay, P., Verma, N. and Banerjee, N. (2012). Understanding the phylomorphological implications of pollinia from *Dendrobium* (Orchidaceae). *American Journal of Plant Sciences* 3: 816-828
79. 7.Chattopadhyay, P., Banerjee, N. and Chaudhary, B. (2012). Genetic characterization of selected medicinal *Dendrobium* (Orchidaceae) species using molecular markers. *Research Journal of Biology* 2:117-125
80. 8.Rawat, P., Singh, A.K., Ray, K., Chaudhary, B., Kumar, S., Gautam, T., Kanoria, S.,Kaur, G., Kumar, P., Pental, D. and Burma, P.K. (2011). Detrimental effect of expression of Bt endotoxin Cry1Ac on in vitro regeneration, in vivo growth and development of tobacco and cotton transgenics. *Journal of Biosciences* 36(2): 363–376
81. 8.Chattopadhyay, P., Banerjee, N. and Chaudhary, B. (2010). Precise seed micromorphometric markers as a tool for comparative phylogeny of *Dendrobium* (Orchidaceae). *Floriculture and Ornamental Biotechnology* 4:36-44
82. 9.Chaudhary, B., Hovav, R., Flagel, L., Mittler, R. and Wendel, J.F. (2009). Parallel evolution of oxidative stress-related genes in fiber from wild and domesticated diploid and polyploid cotton (*Gossypium*). *BMC Genomics* 10:378
83. Chaudhary,B., Flagel, L., Stupar M. R., Udall, J.A., Verma, N., Springer, N.M. and Wendel, J.F. (2009). Reciprocal silencing, transcriptional bias and functional divergence of homoeologs in polyploid cotton (*Gossypium*). *Genetics* 182:503-517
84. Flagel L., Liping C., Chaudhary B. and Wendel J.F. (2009). Coordinated and fine-scale control of homoeologous gene expression in allotetraploid cotton. *Journal of Heredity* 100(4) :487-490
85. Chaudhary, B., Hovav, R., Rapp, R., Verma, N., Udall, J.A. and Wendel, J.F. (2008). Global analysis of gene expression in cotton fibers from wild and domesticated *Gossypium barbadense*. *Evolution and Development* 10(5) :567-582
86. Hovav*, R., Chaudhary*, B., Udall, J.A., Flagel, L. and Wendel, J.F. (2008). Parallel domestication, convergent evolution and duplicated gene

DEPARTMENT OF BIOTECHNOLOGY

- recruitment in allopolyploid cotton. *Genetics* 179:1725-1733 (*equal contribution)
87. Hovav, R., Udall, J. A., Chaudhary, B., Rapp, R., Flagel, L. and Wendel, J.F. (2008). Partitioned expression of duplicated genes during development and evolution of a single cell in a polyploid plant. *Proc. Natl. Acad. Sci. USA* 105:6191-6195
88. Hovav, R., Udall, J. A., Chaudhary, B., Hovav, E., Flagel, L., Hu, G. and Wendel, J. F. (2008). The evolution of spinable cotton fiber entailed natural selection for prolonged development and a novel metabolism. *PLoS Genetics* 7:e25
89. Kumar S., Birah A., Chaudhary B., Burma P.K., Gupta G.P. and Pental D. (2005). Plant codon optimized cry genes of *Bacillus thuringiensis* can be expressed as soluble proteins in *E. coli* BL21 Codon Plus strain as NusA-Cry protein fusions. *Journal Invertebrate Pathology* 88: 83-86
90. Chaudhary B., Kumar S., Prasad K.V.S.K., Oinam G.S., Burma P.K. and Pental D. (2003). Slow desiccation leads to high frequency shoot recovery from transformed somatic embryos of cotton (*Gossypium hirsutum* L. cv. Coker 310 FR). *Plant Cell Reports* 21: 955-960
91. Barkha Singhal and Kamendra Swaroop (2013). Optimization of culture variables for the production of L- asparaginase from *Pectobacterium carotovorum*, *African Journal of Biotechnology*, 12(50) ,6959-6967.
92. S. Kaur, Barkha Singhal* (2012). When nano meets stem: The impact of nanotechnology in stem cell biology, *Journal of Bioscience and Bioengineering* 113:1-4.
93. Gupta , V.K., Agarwal S, Singhal Barkha (2011), Potentiometric assay of antipsychotic drug (Ziprasidone hydrochloride) in pharmaceuticals, Serum and Urine, *International journal of Electrochemical Science*, 6, 3036-3056.
94. Gupta V.K., Nayak A, Agarwal S, Singhal Barkha (2011), Recent advances on potentiometric membrane sensors for pharmaceutical analysis. *Combinatorial Chemistry and High-throughput Screening*, 14 (4), 284-302.
95. Singhal Barkha Drug analysis: A perspective of potentiometric sensors (2011). *World Journal of Chemistry* 6:59-74.
96. Parbat, R., Singhal Barkha (2011), Production of Glucoamylase by *Aspergillus oryzae* under Solid State Fermentation using agro industrial products, *International journal of Microbiological research* 2:204-207.
97. Chen WY, Singh D, Lai LB, Stiffler MA, Lai HD, Foster MP, Gopalan V. Fidelity of tRNA 5'-maturation: a possible basis for the functional dependence of archaeal and eukaryal RNase P on multiple protein cofactors. *Nucleic Acids Res.* (2012) May;40(10):4666-80 .
98. Cheryl Bolinger, Amit Sharma, Deepali Singh and Kathleen Boris-Lawrie. RNA Helicase A modulates HIV-1 translation and infectivity. *Nucleic Acids Research* (2010) Mar 1; 38(5):1686-96. .
99. Rajam M.V, Chandola N, P SaiPrasad Goud, Singh Deepali, Kashyap V, Choudhary M. L, Sihachakr D. Thaumatin sweet protein gene confers tolerance to fungal pathogens as well as abiotic stresses in transgenic tobacco plants. *Biol. Plant* (2007) Vol 51, 135- 141.

DEPARTMENT OF BIOTECHNOLOGY

100. S. Teotia (2012): Functions of the poly(ADPribose) polymerase superfamily in land plants; *Cellular and Molecular Life Sciences*, 69(2):175-89.
101. Sachin Teotia and Rebecca S. Lamb (2011): RCD1 and SRO1 are necessary to maintain meristematic fate in *Arabidopsis thaliana*; *Journal of Experimental Botany*, 62(3):1271- 84.
102. Matteo Citarelli, Sachin Teotia, Rebecca S. Lamb (2010): Evolutionary history of the poly(ADP-ribose) polymerase gene family in eukaryotes; *BMC Evolutionary Biology*, 10:308. 4.
103. Sachin Teotia, Sivaramakrishnan Muthuswamy, Rebecca S. Lamb (2010): RADICALINDUCED CELL DEATH1 and SIMILAR TO RCD ONE1 and the stress-induced morphogenetic response; *Plant Signaling and Behavior*, 5 (2): 143-145. 5.
104. Sachin Teotia and Rebecca S. Lamb. (2009): The paralogous genes RADICAL-INDUCED CELL DEATH1 and SIMILAR TO RCD ONE1 play partially redundant functions during *Arabidopsis thaliana* development; *Plant Physiology*, 151 (1): 180-198.
105. Jai Prakash Muyal, Vandana Muyal, Sudhir Kotnala, Dhananjay Kumar, Harsh Bhardwaj. Therapeutic Potential of Growth Factors in Pulmonary Emphysematous Condition. *Lung (Springer)*. 2013 Apr;191(2):147-63
106. Seifart C, Muyal JP, Plagens A, Yildirim AO, Kohse K, Grau V, Sandu S, Reinke C, Tschernig T, Vogelmeier C, Fehrenbach H. ATRA results in irregular repair of septa and fails to inhibit proinflammatory macrophages. *Eur Respir J*. 2011 Jan 27.
107. Jai Prakash Muyal, Vandana Muyal, Brajesh Pratap Kaistha, Carola Seifart, and Heinz Fehrenbach. Systematic Comparison of RNA Extraction Techniques from Frozen and Fresh Lung Tissues: Checkpoint towards Gene Expression Studies. *BMC Diagnostic Pathology* 2009; 4: 9.
108. Jai Prakash Muyal, Shiv Kumar Singh, & Heinz Fehrenbach. DNA-Microarray Technology: Impact of Methods Optimization Generated a Reliable Platform for the Gene Expression Profiling. *Critical Reviews in Biotechnology*, Volume 28, Issue 4 December 2008 , pages 239 – 251.
109. Jochen Wilhelm, Jai Prakash Muyal, Johannes Best, Grazyna Kwapiszewska, Maria Magdalena Stein 1, Werner Seeger, Rainer Maria Bohle, and Ludger Fink. “Systematic comparison of the T&-IVT and SMART™ based RNA preamplification techniques for DNA-microarray experiments”- *Clin Chem*. 2006 Jun 52(6): 1161-7. PMID: 16627562.
110. Pullamsetti S, Kiss L, Ghofrani HA, Voswinckel R, Haredza P, Walter Klepetko, Aigner C, Fink L, Muyal JP, Weissmann N, Grimminger F, Seeger W, and Schermuly RT. “Increased levels and reduced catabolism of asymmetric and symmetric dimethylarginines in pulmonary hypertension” – *FASEB J*. 2005 Jul 19(9): 1175-7. PMID: 15827267.
111. Ludger Fink, Hans Hölschermann, Grazyna Kwapiszewska, Jai Prakash Muyal, Björn Lengemann, Rainer Maria Bohle, Santot Santoso. “Characterization of platelet-specific mRNA by real-time PCR after laser-assisted microdissection”- *Thromb Haemost*. 2003 Oct 90(4):749-56. PMID: 14515198.
112. Puria Rekha, Zurita-Martinez SA, Cardenas ME. Nuclear translocation of Gln3 in response to nutrient signals requires Golgi to endosome trafficking

DEPARTMENT OF BIOTECHNOLOGY

- in *Saccharomyces cerevisiae*. Proc Natl Acad Sci USA. 2008 May; 105: 7194-7199.
113. This study was featured on the cover and highlighted by a commentary in the same PNAS issue. Mitchell AP. A VAST staging area for regulatory proteins. Proc Natl Acad Sci USA. 2008 May; 105: 7111-7112
114. Puria Rekha, Cardenas ME. Rapamycin bypasses vesicle-mediated signaling events to activate Gln3 in *Saccharomyces cerevisiae*. Communicative and integrative biology. July/aug/Sept 2008
117. Zurita-Martinez SA*, Puria Rekha*, Pan X, Boeke JD, Cardenas ME. Efficient Tor signaling requires a functional Class C Vps protein complex in *Saccharomyces cerevisiae*. Genetics. 2007 Aug; 176(4): 2139-50.
118. Rohde JR, Bastidas R, Puria Rekha, Cardenas ME. Nutritional control via Tor signaling in *Saccharomyces cerevisiae*. Current Opinion in Microbiology, 2008, April; 11: 153-160.
119. Puria Rekha*, Mannan A*, Chopra R* and Ganesan, K. Essential role for RPI1 in stress tolerance of yeast during ethanolic fermentation (*- equal coauthors). FEMs Yeast Res., 2009, Dec; 9(8):1161-77.
120. Helena Morales-Johansson, Rekha Puria, David L. Brautigan2, and Maria E. Cardenas. Protein phosphatase PP6 regulatory subunits provide Sit4-dependent and rapamycin sensitive Sap function in *Saccharomyces cerevisiae*. Plos One, 2009 Jul 21: 4(7), e6331
121. Puria Rekha*, Sahi S and Nain V*. HER2+ Breast cancer therapy: by CPP-ZFN mediated targeting of mTOR?. Technology in cancer research and treatment, 2012 Apr; 11(2) (*corresponding author) Taruna Madan, Savneet Kaur, Shweta Saxena, Mamta Singh, Uday Kishore, Steffen Thiel, Kenneth B. M. Reid, P. Usha Sarma. Role of collectins in innate immunity against aspergillosis. Medical Mycology, 2005; 43 Suppl 1: S155-63.
122. Savneet Kaur, Vijay Kumar Gupta, Ashok Shah, Steffen Thiel, P.Usha Sarma, Taruna Madan. Plasma MBL Levels and activity are elevated in allergic patients Journal of Allergy and Clinical Immunology, 2005; 116: 1381-3.
123. Savneet Kaur, Vijay Kumar Gupta, Ashok Shah, Steffen Thiel, P.Usha Sarma, Taruna Madan. Elevated levels of mannose-binding lectin (MBL) and eosinophilia in patients of bronchial asthma with allergic rhinitis and allergic bronchopulmonary aspergillosis associate with a novel intronic polymorphism in MBL. Clinical and Experimental Immunology, 2005; 143: 414-9.
124. Savneet Kaur, Steffen Thiel, P.Usha Sarma, Taruna Madan. Mannose-binding lectin in asthma and allergy. Curr Allergy Asthma Rep., 2006; 6: 377-83.
125. Mudit Vaid, Savneet Kaur, Helen Sambatakou, Taruna Madan, David W Denning, P. Usha Sarma. Association of SP-D, MBL and I-NOS genetic variants with pulmonary tuberculosis. (Clinical report) Indian Journal of Human Genetics, 2006; 12: 105-10.
126. Savneet Kaur, Vijay Kumar Gupta, Steffen Thiel, P.Usha Sarma, Taruna Madan. Protective role of mannose-binding lectin in a murine model of invasive pulmonary aspergillosis, Clinical and Experimental Immunology, 2007; 148: 382-9.
127. Mudit Vaid, Savneet Kaur, Helen Sambatakou, Taruna Madan, David W Denning, P. Usha Sarma. Distinct alleles of mannose-binding

DEPARTMENT OF BIOTECHNOLOGY

- lectin (MBL) and surfactant proteins A (SP-A) in patients with chronic cavitary pulmonary aspergillosis and allergic bronchopulmonary aspergillosis. *Clin Chem Lab Med.*, 2007; 45:183-6.
128. Savneet Kaur, K Jayakumar, CC Kartha. The potential of circulating endothelial progenitor cells to form colonies is inversely proportional to total vascular risk score in patients with coronary artery disease. *Indian Heart J.*, 2007; 59: 475-481.
129. Savneet Kaur, SR Panicker, T James, P Sarma, KR Thankappan, CC Kartha Association of Monocyte Chemoattractant Protein-1 -2518 Promoter Polymorphism and Serum Levels with Metabolic Syndrome in A South Indian Population. *Metabolic Syndrome and Related disorders*, 2009;7:193-8.
130. Savneet Kaur, TR Santhosh Kumar, Akira Uruno, Akira Sugawara, Karunakaran Jayakumar, Chandrasekharan C Kartha. Genetic engineering with endothelial nitric oxide synthase improves functional properties of endothelial progenitor cells from patients with coronary artery disease: an in vitro study. *Basic Res Cardiol.*, 2009;104:739-49.
131. Savneet Kaur, VS Harikrishnan, S Shenoy, NS Radhakrishnan A Uruno, A Sugawara, CC Kartha. Genetic engineering of endothelial progenitor cells with endothelial nitric oxide synthase improves angiogenesis in rabbits with hindlimb ischemia. *J Clinic Experiment Cardiol.*, 2:140. doi:10.4172/2155-9880.1000140
132. Savneet Kaur and Barkha Singhal. When nano meets stem: the impact of nanotechnology in stem cell biology. *J Biosci Bioeng.*, 2012;113:1-4
133. Savneet Kaur, Ketki V. Dongre, Dinesh M. Tripath, Vishal Garg, Sheetalnath Rooge, Puja Sahuja, Asok Mukopadhyay, Shiv K. Sarin. Increased numbers and functions of circulating endothelial progenitor cells enhance angiogenesis in chronic liver diseases through paracrine factors. *J. Hepatol.*, 2012;57:1193-8.
134. Mohd. Tashfeen Ashraf, Rizwan Hasan Khan. "Effect of metal ions and EGTA on theoptical properties of concanavalin A at alkaline pH" *Protein and Peptide Letters* (2005), 12, 203-206.
135. Mohd. Tashfeen Ashraf, Rizwan Hasan Khan. "Mitogenic Lectins"- A review article *Medical Science Monitor* (2003), 9(11), RA 265-269.
136. Aabgeena Naeem, Mohd. Tashfeen Ashraf, Mohd Akram, Rizwan Hasan Khan. "Comparative study of effects of polyols, salts, and alcohols on trichloroacetic Acid induced state of cytochrome C" *Biochemistry-Moscow* (2006) 71 (10):1101-9.
137. Farah Naseem, Basir Ahmad, Mohd. Tashfeen Ashraf and Rizwan Hasan Khan."Molten globule-like intermediate of asialofetuin at acidic pH" *Biochemica ET Biophysica Acta* (2004), 1699, 191-199.
138. Aabgeena Naeem, Ejaz Ahmad, Mohd. Tashfeen Ashraf, Rizwan Hasan Khan."Purification and Characterization of Mannose/Glucose-Specific Lectin from Seeds of Trigonella foenumgraecum" *Biochemistry -Moscow* (2007) 72 (1):44-8
139. Manpreet Kaur, Kuljinder Singh, Pushpinder J Rup, A K Saxena, Rizwan H Khan,Mohd. Tashfeen Ashraf, Sukhdev Singh Kamboj, Jatinder Singh. "A tuber lectin from Arisaema helleborifolium Schott with anti-insect activity against melon fruit fly, *Bactrocera cucurbitae* (Coquillett) and anti-

DEPARTMENT OF BIOTECHNOLOGY

- cancer effect on human cancer cell lines" Arch. Biochem. Biophys. (2006) 445 156-165.
140. Ejaz Ahmad, Gulam Rabbani, Nida Zaidi, Saurabh Singh, Mohd. Rehan, Mohd. MoinKhan, Shah Kamranur Rahman, Zainuddin Qadri, Mohd. Shadab, Mohd. TashfeenAshraf, Naidu Subbarao, Rajiv Bhat and Rizwan Hasan Khan. "Stereo-Selectivity of Human Serum Albumin to Enantiomeric and Isoelectronic Pollutants Dissected by Spectroscopy, Calorimetry and Bioinformatics". PLoS One. 2011; 6(11): e26186.
141. Gulam Rabbani, Ejaz Ahmad, Mohsin Vahid Khan, Mohd. Tashfeen Ashraf, Rajiv Bhat and Rizwan Hasan Khan "Impact of structural stability of cold adapted Candida antarctica lipase B (CaLB): in relation to pH, chemical and thermal denaturation" RSC Adv., 2015, 5, 20115-2013.
142. Vikrant Nain, Rajani Jaiswal, Monika Dalal, Bandarupalli Ramesh and Polumetla A. Kumar (2005) Polymerase chain reaction analysis of transgenic plants contaminated by Agrobacterium. Plant Molecular Biology Reporter 23: 59-65.
143. Vikrant Nain, Shakti Sahi, Anju Verma, (2010) CPP-ZFN: A potential DNA- targeting antimalarial drug. Malaria Journal 9:258. (Highly accessed paper) Impact Factor: 3.49
144. Rekha Puria, Shakti Sahi, Vikrant Nain (2012). HER2+ Breast Cancer Therapy: By CPP-ZFN Mediated Targeting of mTOR? Technol Cancer Res Treat. 11, 175-179
145. Priyanka Sharma^{1*}, Vikrant Nain^{*}, Suman Lakan Paul and P. A. Kumar (2010). Studies on binding of Bacillus thuringiensis Cry1A toxins with brush border membrane vesicles of maize stem borer (*Chilo partellus* Swinhoe). J. invertebrate Pathology (*equal contribution)
146. Priyanka Sharma^{*}, Vikrant Nain^{*}, Suman Lakan Paul and P. A. Kumar (2010) Synergistic activity between Bacillus thuringiensis Cry1Ab and Cry1Ac toxins against maize stem borer (*Chilo partellus* Swinhoe). Letters in Applied Microbiology, 51: 42- 47
147. Vikrant Nain, Anju Verma, Neeraj Kumar, Priyanka Sharma and P. A. Kumar. (2008). Isolation of an ovule specific promoter from *Arabidopsis thaliana*. Indian J. Experimental Biology 46:207-211.
148. Dipty Srivastava, Vikrant Nain, Shakti Sahi, Anju Verma, Priyanka Sharma, Prakash Chand Sharma, Polumetla Ananda Kumar (2011). Insights from molecular modeling and dynamics simulation of pathogen resistance (R) protein from brinjal. Bioinformation 5 (8): 226-230.
149. Dipty Srivastava, Monika Dalal, Vikrant Nain, P. C. Sharma, P. Ananda Kumar (2011) Targeted integration of Bacillus thuringiensis d-endotoxin cry1Fa1 in brinjal (*Solanum melongena* L.). Current Trends in Biotechnology and Pharmacy, 5: 1149- 1156
150. N. Saraswathy, Vikrant Nain and P. Ananda Kumar (2008) Construction of Btcry1Ac and vip fusion gene effective against *Helicoverpa armigera*, *Spodoptera litura* and *Plutella xylostella*. Indian J. Biotechnology 7:204-209.
151. Anju Verma, Vikrant Nain, and P. A. Kumar (2008). Differential response of Agrobacterium tumefaciens attachment to Sorghum bicolor (L) Moench tissues: influence of acetosyringone in host recognition and binding. Physiol Mol Biol Plant 14: 307-313

DEPARTMENT OF BIOTECHNOLOGY

152. Rajani Jaiswal, Vikrant Nain, M.Z. Abdin and P.A. Kumar (2007). Isolation of pigeonpea (*Cajanus cajan L.*) legumin gene promoter and identification of conserved regulatory elements by bioinformatics tools. *Indian J. Biotechnology* 6:495-503
153. Haiying Liang, P. Ananda Kumar, Vikrant Nain, William A. Powell, and John E. Carlson (2009). Selection and screening strategies. In: Kole C, Michler CH, Abbott AG, Hall TC (eds) *Transgenic Crop Plants*. Vol 1: Principles and Development. Springer-verlag, Heidelberg, Berlin, New York, pp 85-143.
154. Vikrant Nain, Shakti Sahi, P. Ananda Kumar (2011). In silico identification of regulatory elements in promoters. In : Heitor Silverio Lopes (Ed.) *Computational Biology and Applied Bioinformatics*. Intech publisher, Croatia.
155. Swati Uniyal & Vishwas Tripathi*, Current insights into preeclampsia and future strategies. *Int Journal of Biological & Pharmaceutical Research*. 2012; 3(3): 297-307 *(Equal authorship)
156. Love Kumar Gupta & Vishwas Tripathi*, Chemokine receptors in HIV infection". *Int. Jr. Pharmacy and Pharmaceutical Sciences*, Vol-4:(3) 69-72, 2012.*(Equal authorship)
157. Kumar R, Tripathi Vishwas, Ahmad M, Nath N, Mir RA, Chauhan SS, Luthra K.CXCR7 mediated Gi α independent activation of ERK and Akt promotes cell survival and chemotaxis in T cells. *Cell Immunol*. 2012; 272 (2):230-41.
158. Malhotra N, Karmakar D, Tripathi Vishwas, Luthra K, Kumar S. Correlation of angiogenic cytokinesleptin and IL-8 in stage, type and presentation of endometriosis. *Gynecol Endocrinol*. 2012; 28 (3):224- 7.
159. Tripathi,Vishwas, Verma,R., Dinda,A., Kaur,J., Luthra,K. RDC1/CXCR7 Expression in Human Choriocarcinoma Cell JEG-3 . *Int. Jr. Cur. Chem.* (2010). 1(2):95-100
160. Vishwas Tripathi, Romsha Verma,Amit Dinda, Neena Malhotra, Jagdeep Kaur Kalpana Luthra, Differential Expression of RDC1/CXCR7 in the Human Placenta, *Jr. Clinical Immunology*. 2009. 29 (3):379-86. (First report)
161. Baweja RB, Zaman MS, Mattoo AR, Sharma K, Tripathi Vishwas, Aggarwal A, Dubey GP, Kurupati RK, Ganguli M, Chaudhury NK, Sen S, Das TK, Gade WN, Singh Y Properties of *Bacillus anthracis* spores prepared under various environmental conditions, *Arch Microbiol*, (2008) 189:71–79
162. Naraian, R.; Ram, S.; Kaistha, S.D.; Srivastava, J. Occurrence of plasmid linked multiple drug resistance in bacterial isolates of tannery effluent. *Cell. Mol. Biol*.2012, 58, 134-141.
163. Ram. S.; Vajpayee, P.; Dwivedi, P.D.; Shanker, R. Culture-free detection and enumeration of STEC in water. *Ecotoxicol. Environ. Saf.* 2011 (doi:10.1016/j.ecoenv.2011.01.019).
164. Singh G.; Vajpayee P.; Ram S.; Shanker R. Environmental Reservoirs for Enterotoxigenic *Escherichia coli* in South Asian Gangetic Riverine System. *Environ. Environ. Sci. Technol*. 2010, 44, 6475 - 6480.
165. Jyoti, A.; Ram, S.; Vajpayee, P.; Singh, G.; Dwivedi, P.; Jain, S.K.; Shanker, R.. Contamination of surface and potable water in south Asia by

DEPARTMENT OF BIOTECHNOLOGY

- salmonellae: Cultureindependent quantification with molecular beacon real-time PCR. *Sci. Total. Environ.* 2010, 408, 1256 - 1263.
166. Ram, S.; Vajpayee, P.; Shanker, R. Enterotoxigenic *Escherichia coli* in sewage impacted waters and aquatic weeds: quantitative PCR for culture-independent enumeration. *J. Appl. Microbiol.* 2010, 108, 1007 - 1014.
167. Lata, P.; Ram, S.; Agarwal, M.; Shanker, R. Enterococci in river Ganga surface waters: Propensity of species distribution, dissemination of antimicrobial-resistance and virulencemarkers among species along landscape.*BMC Microbiol.* 2009, 9:140 (doi: 10.1186/1471- 2180-9-140).
168. Lata, P.; Ram, S.; Agarwal, M.; Shanker, R. Real-time PCR for rapid detection of vanA gene in surface waters and aquatic macrophyte by molecular beacon probe. *Environ. Sci. Technol.* 2009, 43, 3343 - 3348.
169. Ram, S.; Vajpayee, P.; Singh, R. L.; Shanker, R. Surface water of a perennial river exhibits multiantimicrobial resistant shiga-toxin and enterotoxin producing *Escherichia coli*. *Ecotoxicol. Environ. Saf.* 2008, 72, 490 - 495.
170. Ram, S.; Vajpayee, P.; Tripathi, U.; Singh, R.L.; Seth, P. K., Shanker, R. Determination of antimicrobials resistance and virulence gene signatures in surface water isolates of *Escherichia coli*. *J. Appl. Microbiol.* 2008, 105, 1899 - 1908.
171. Ram, S.; Singh, R. L.; Shanker, R. In-silico comparison of real-time PCR probes for detection of pathogens. *In- Silico Biol.* 2008, 8, 251 - 259.
172. Ram, S.; Vajpayee, P.; Shanker, R. Rapid culture independent quantitative detection of enterotoxigenic *Escherichia coli* in surface waters by real - time PCR with molecular beacon. *Environ. Sci. Technol.* 2008, 42, 4577 - 4582.
173. Ram, S.; Vajpayee, P.; Shanker, R. Contamination of potable water distribution systems by multiantimicrobial resistant enterohemorrhagic *Escherichia coli*. *Environ. Health Perspect.* 2008, 116, 448 - 452.
174. Ram, S.; Vajpayee, P.; Shanker, R. Prevalence of multi antimicrobial agent resistant, shiga toxin and enterotoxin producing *Escherichia coli* in surface waters of river Ganga. *Environ. Sci. Technol.* 2007, 41, 7383 - 7388.
175. Ram, S.; Shanker, R. Computing TaqMan probe for multiplex PCR detection of *E. coli* O157 serotype in water. *In-Silico Biol.* 2005, 5, 499 - 504.
176. Ram, S.; Shanker, R. Plasmid and drug resistance profile of sorbitol non- fermenting cefiximetellurite resistance *Escherichia coli* isolates from the river Gomti. *Bull. Environ. Contam. Toxicol.* 2005, 75, 623 - 628.
177. Naraian, R., Ram, S., Srivastava, J., Kumar, J., Singh, K.P., Garg, S. K. Influence of metal ions on growth and enzyme profile of white-rot fungus *Pleurotus florida* ITCC 3308, *Res. Environ. Life Sci.* 2010, 3, 59 - 64.
178. Ram, S. Real-Time qPCR: A potential tool for nucleic acid quantitation, GBU Research Bulletin, 2009 volume 1, issue III & IV.
179. Ram, S.; Vajpayee, P.; Singh, R. L.; Shanker, R. (2007). Virulence determinants of shigatoxin and enterotoxin producing *E. coli* exhibit distinct pattern in three perennial Indian rivers. *Adv. Life. Sci.* 2007, 1, 1 - 8.
180. Biswas, A.K., Hafiz, A., Banerjee, B., Kim, K.S., Datta, K. and Chitnis, C.E. *Plasmodium falciparum* uses gC1qR/HABP1/p32 as a receptor to

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- binding to vascular endothelium and for platelet-mediated clumping. PLoS Pathogens, 2007, 3(9), 1271-1280.
181. Sengupta, A., Banerjee, B., Tyagi, R.K., Datta, K. Golgi localization and dynamics of Hyaluronan Binding Protein 1 (HABP1/p32/C1QBP) during the cell cycle. Cell Research, 2005, 15(3), 183-186.
182. Garg G., Yadav S., Ruchi, Yadav G. (2015): Key Roles of Calreticulin and Calnexin Proteins in Plant Perception under Stress Conditions: A Review, Adv. Life Sci., vol. 5(1), pp.18-26, 10.5923/j.als.20150501.03
183. Gunjan Garg and Sanjay Kataria (2014): water deficit at anthesis stage induces early leaf senescence and affects dry matter accumulation and remobilization efficiency in black gram (P. mungo, L.), J. Adv. botany and zoology, vol 1(4), pp.1-6, <http://scienceq.org/journals/JABZ.php>
184. Garg, G (2014): Application of nanoproteomics in biological systems: A review, Int. J. Gen. Eng. and Tech., vol 3(4), pp.29-40, ISSN: 2279-9928
185. Garg, G, Kataria, S. K and Kumar, S (2011). Effects of Exogenous Polyamines on Somatic Embryogenesis of Cucumis sativus (L.) cv. Green Long, Int. J. Adv. Biotech. Res. Vol 1 (2) pp. 139-145
186. Garg, G. (2010). Growth and physiological responses of Catharanthus roseus (L) shoot cultures to salinity stress, Int. J. Environ. Sci. & Dev, vol. (1)10
187. Garg, G. (2010). Differential responses in germination and seedling growth in two varieties of Phaseolus mungo under salt and drought Stresses. J. Environ. Bio., vol. 31(3)
188. Garg, G and Kataria, S.K (2009) "Phytoremediation potential of Raphanus sativus, Brassica juncea and Triticum aestivum for copper contaminated soil. E-Proceedings of International Society of System Sciences, University of Queensland, Brisbane (Australia), July 12-17, 2009. [ISSS-Bulletin-vol. XXXIX, Brisbane (Australia)]
189. Qamar, I., Faiz Ahmad and Arul Narayansami (2015). A time-course study of long term over-expression of ARR19 in mice. NATURE SCIENTIFIC REPORTS, Sci Rep. 2015 Aug 11;5:13014. doi: 10.1038/srep13014
190. 2) Qamar, I., Gong, E.Y., Kim, Y., Song, C.H., Lee, H.J., Chun, S.Y., Lee, K. (2010). Anti-steroidogenic factor ARR19 inhibits testicular steroidogenesis through the suppression of Nur77 transactivation. J BIOL CHEM. 285(29): 22360-22369.
191. Qamar, I., Park, E., Gong, E.Y., Lee, H.J., Lee, K. (2009). Androgen receptor corepressor-19KDA (ARR19), an anti-steroidogenic factor, is regulated by GATA-1 in testicular leydig cells. J BIOL CHEM. 284(27): 18021-18032.
192. Shukla, A., Priyadarshi,S., and Qamar, I. (2012). Involvement of Calcium and Vitamin C in Type 2 Diabetes. IOSR JOURNAL OF PHARMACY, Vol. 2, Issue 1, Jan-Feb.2012, pp.009-020.
193. Kumar, A., Basavaraj, M.G., Gupta, S.K., Qamar, I., Ali, A.M., Bajaj, V., Ramesh, T.K., Prakash, D.R., Shetty, J.S., Dorairaj, S.K. (2007). Role of CYP1B1, MYOC, OPTN and OPTC Genes in Adult-onset Primary Open-angle Glaucoma: Predominance of CYP1B1 Mutations in Indian Patients". MOLECULAR VISION 13:667-676.
194. Recombinant Human Keratinocyte Growth Factor Induces Akt Mediated Cell Survival Progression in Emphysematous Mice. JP Muyal, D Kumar, S

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- Kotnala, V Muyal, AK Tyagi. Archivos de Bronconeumología (English Edition).
195. Effect of recombinant human keratinocyte growth factor in inducing Ras–Raf–Erk pathway-mediated cell proliferation in emphysematous mice lung. JP Muyal, S Kotnala, H Bhardwaj, A Tyagi. Inhalation toxicology 26 (13), 761-771.
196. A Comparative Study on Production of Wine from Different Vegetables. K Tripathi, A Garg, P Singh, S Kotnala, JP Muyal. Research & Reviews: Journal of Food Science & Technology 3 (2), 1-5.
197. Abhinit Kumar Singh, Sudhir Kotnala, Ankit Maurya, Amit Kumar, and Jai Prakash Muyal. Effect of Moist Aeration towards Augmentation of Ascorbic Acid in Solanum tuberosum: A Molecular Approach. Research and Review: Journal of Food Science and Technology. Vol 2, No 3 (2013)
198. Rathore JS and Gautam LK . (2014) Expression, purification and functional analysis of novel relE operon from *X. nematophila*. The Scientific World Journal Volume 2014 (2014), Article ID 428159
199. Rathore JS. (2013) Expression, purification and functional characterization of atypical xenocin, its immunity protein and their domains from *Xenorhabdus nematophila*. International Journal of Bacteriology Volume 2013 (2013), Article ID 746862
200. Rathore JS. (2013) Function inferences from a molecular structural model of YoeBXn toxin from *Xenorhabdus nematophila*. American Journal of Bioinformatics Research. 3 (2)
201. Rathore JS*, Singh MP, and Gautam P. (2013) Insilico analysis of novel hipAB, ccdBA, and yoeB-yefM Toxin-Antitoxin homolog's from the Genome of *Xenorhabdus nematophila*. American Journal of Bioinformatics Research. 3 (2) (*Corresponding author)
202. Singh, J. (2013) Role of D535 and H538 in endogenous toxicity of xenocin from *Xenorhabdus nematophila*. FEMES Microbiology letters 338: p 147-154.
203. Sameer Giri and Singh, J*(2013) New Face in the Row of Human therapeutics: Bacteriocins. Journal of Microbiology Research, 3 (2) p71-78 (*Corresponding author)
204. Singh J. (2012) Structural and Functional Interferences from a Molecular Structural Model of Xenocin Toxin from *Xenorhabdus nematophila*. American Journal of Bioinformatics Research. 2 (4):p55-60
205. Singh, J*. Chaudhary, R, K., Gautam, P. (2012) Insilico analysis of novel relB, relE and mazF toxin-antitoxin homolog's from the genome of *Xenorhabdus nematophila*. 2(3): p21-32. American Journal of Bioinformatics Research (*Corresponding author)
206. Singh, J. and Ghosh C. (2012) Ribosomal Encoded Bacteriocins: Their functional insight and applications. Journal of Microbiology Research 2(2): p19-25 (*Corresponding author)
207. Singh, J. and Banerjee, N. (2008) Transcriptional analysis and functional characterization of a gene pair encoding iron regulated xenocin and immunity proteins of *Xenorhabdus nematophila*. Journal of Bacteriology, 190: p3377-85
208. Banerjee, J.,* Singh, J*, (2006) Mohan Chandra Joshi, Shubhendu Ghosh, and Nirupama Banerjee. The Cytotoxic Fimbrial Structural Subunit of *Xenorhabdus nematophila* Is a Pore-Forming Toxin. Journal of

DEPARTMENT OF BIOTECHNOLOGY

- Bacteriology. 7957-7962. (*equal contribution).
209. Singh, J., Joshi, M.C., and Bhatnagar, R. (2004). Cloning and expression of glutamine synthetase gene from mycobacterium in E.coli. Biochemical and Biophysical Research Communication. 317: 634-638
210. Dwivedi, S. and Saini, D. Herbicide tolerant crops and weed management. International Journal of Science and Research (IJSR).1, 134-138 (2012).
211. Dwivedi, S., Sharma, S., Sharma, K., Singh, K. and Arun. Study on flowering and other growth behavior of Brinjal (*Solanum melongena*) var.BR112 in admiration to effect of C.M.L (Country Made Liquor). Journal of Chemical, Biological and Physical Sciences. 2, 1319-1325 (2012).
212. Dwivedi, S. Bioremediation of Heavy Metal by Algae: Current and Future Perspective. Journal of Advanced Laboratory Research in Biology. 3, 195-199 (2012).
213. Dwivedi, S. Pollution induced structural and physico-chemical changes in algal community: A case study of river Pandu of north India. World Academy of Science, Engineering and Technology. 47, 736-740 (2010).
214. Dwivedi, S. Ecological study of micro flora in assessment of pollution level of river water. International Conference on Chemistry and Chemical Engineering (ICCCE). 1-3 Aug 2010. 336-338.
215. Dev Buksh Singh, manish kumar gupta, rajesh kumar kesharwani, mamta sagar, seema dwivedi, Krishna misra (2014): drug target and therapies for alzimer disease., translational neuro sciences, IF 0.71, 5 (3):203-217
216. Satendra Singh, Dev Buksh Singh, Seema Dwivedi, promod W. Ramtek (2014).a qualitative measure of conformational changes in apo, holo and ligands complex form of enzymes. Interdisciplinary science: computational life science, IF: 0.67, DOI 110.1007/S12539-014-0251-8.

Book chapters:

- Remediation of dye containing wastewater using viable algal biomass. Seema Dwivedi and Tanvi Vats. *Green materials for sustainable water remediation and treatment*, RCS Publishing, Royal Society of Chemistry, Cambridge, UK.
- Ram, S., Naraian, R. (2014) Pleurotus an exclusive bio-tool: Its multitude of usage in microbes for health industry and environment, Bentham Science Publisher pp. (Communicated)
- Ram, S., Naraian, R. (2013) Real-time Quantitative Polymersae chain reaction: A potential tool for pathogen detection in recent Advanceds in microbiology Volume 2, (Eds. S.P. Tieari, R. Sharam, R. Gaur), NOVA Science publishers, USA
- Pandey, D. K. and Chaudhary, B. (2015). Genes and Trans Factors Underlying Embryogenic Transition in Plant Soma Cell. In Advances in the Understanding of Biological Sciences Using Next Generation Sequencing (NGS) Approaches, (Eds) Sablok, G., Kumar, S., Ueno, S., Kuo, J., Varotto, C.; Publisher: Springer International Publishing, Print ISBN:978-3-319-17156-2, pp155-178.

**DEPARTMENT OF APPLIED BUDDHIST
STUDIES**

**(SCHOOL OF BUDDHIST STUDIES AND
CIVILIZATION)**

DEPARTMENT OF APPLIED BUDDHIST STUDIES

1. **Name of the Department :** Applied Buddhist Studies
2. **Year of establishment :** 2008
3. **Is the Department part of a School/Faculty of the university? :** Yes
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D.):**
BA(Hons.) –MA (5 years with exit option after BA (Hons.), MA, M.Phil. and Ph.D.)
5. **Interdisciplinary programmes and departments involved :**
All School of GBU
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/ Choice Based Credit System
9. **Participation of the department in the courses offered by other departments :**
School of Management, School of Humanities and Social Sciences, School of Engineering, School of Information and Communication Technology, School of Biotechnology, School of Vocational Studies and Applied Sciences & School of Law, Justice & Governance.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):**
15 Post sanctioned but not specifies

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	NIL	NIL	NIL
Associate Professor	--	01	01
Assistant Professor	--	09	09
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. regisastered / M.Phil. awarded students for the last 4 years
r. Anand Singh	Ph.D	Associate Professor	Buddhist Sacred	14	05 Ph.D. and

DEPARTMENT OF APPLIED BUDDHIST STUDIES

			Geography (Historical Geography), Ecological Consciousness in Buddhism		6 M.Phil.
Dr. Chandrashekhar Paswan	Ph.D.	Assistant Professor	Buddhist History	8	03 Ph.D. and 5 M.Phil.
Dr. Arvind Kumar Singh	Ph.D.	Assistant Professor	Buddhist History & Applied Buddhism	9	04 Ph.D. and 09 M.Phil.
Dr. Priyansen Singh	Ph.D	Assistant Professor	Buddhist History, Pali language &Literature	11	06 Ph.D. and 04 M.Phil
Dr. Gurmet Dorjey	Ph.D	Assistant Professor	Tibetan & Ladakh Buddhism, Central Asian Buddhism	6	4Ph.D and 5M.Phil
Dr. Chintala Venkata Sivasai	Ph.D	Assistant Professor	Buddhist Philosophy, Buddhist Psychology, Buddhist Ethics and Education	19	04 Ph.D and 07 M.Phil.
Dr. Indu Girish	Ph.D	Assistant Professor	Mahayana Philosophy	13	03 Ph.D. and 07 M. Phil.
Dr. Gyanaditya Shakya	Ph.D	Assistant Professor	Pali Language & Literature	3	01 Ph.D. and 5 M.Phil
Dr. Priyadarshini Mitra	Ph.D		Philosophy and Comparative religion &Buddhist Studies	9	3Ph.D and 6 M.Phil
Dr. Manish Tarachand Meshram	Ph.D	Assistant Professor	Buddhist Philosophy, Vipassana Meditation & Neo-	3	01 Ph.D. and 04 M.Phil

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			Buddhism		
Dr. Mukesh Kumar Verma	Ph.D	Research/ Faculty Associate	Buddhist Philosophy	7	05 M.Phil
Ms. Sangeeta Wadhwa	M.Phil. Pursing Ph.D.	Research/ Faculty Associate	History of Pali literature, History of Buddhism in India, Tibet and Japan	11	-

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:**
Nil
- 13. Percentage of classes taken by temporary faculty – programme-wise information:**
Nil
- 14. Programme-wise Student Teacher Ratio:**
BA(Hons) & MA : 1:8 (Approximately)
M.Phil: : 2:5
Ph.D: : 1:4
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**
01 office Assistant and 02 Attendants (filled) (Refer SSR for Details)
- 16. Research thrust areas as recognized by major funding agencies :**
Pali Literature, Buddhist History, Buddhist Ethics, Environmental Concerns, Peace Studies & Conflict Resolution, Socially Engaged Buddhism, Buddhism in South East Asia, Far East, etc.
- 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. :**
1. Dr. Anand Singh (Major Research project sponsored by University Grants Commission, New Delhi, entitled “Ancient Buildings of Varanasi (Benaras) and their Tourism Potential”. (Report Submitted & Published). Completed
 2. Dr. Anand Singh (SAARC Cultural Centre Research Grant, 2013 for project Buddhist Traditional Ethics: A Source of Biodiversity (Examining the Cases amongst Buddhist Communities of Nepal & Leh-Ladakh & North-Eastern Region of India) (Report Submitted). Completed
- 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:**
UGC- JRF: 03 + 01 (passed out)

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Rajiv Gandhi National Fellowship for SC/ST: 02

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)

Name of Faculty	No. of National Publication	No. of International Publication
Dr. Anand Singh	12	09(07) Under Publication
Dr. Chandrashekhar Paswan	6	
Dr. Arvind Kumar Singh	27	18 (06 Under Publication)
Dr. Priyansen Singh	4	
Dr. Gurmet Dorjey	02	
Dr. Chintala Venkata Sivasai	17	56
Dr. Indu Girish	3	1
Dr. Gyanaditya Shakya	29	14
Dr. Priyadarshini Mitra	5	7
Dr. Manish Tarachand Meshram	22	
Dr. Mukesh Kumar Verma	09	01
Ms. Sangeeta Wadhwa	NIL	NIL
Total		

*Details of Papers, Books and Participation in conferences have been given as annexure 1, 2, 3 respectively.

* **Monographs :**

* **Chapters in Books:**

Name of Faculty	No. of Articles
Dr. Anand Singh	
Dr. Chandrashekhar Paswan	6
Dr. Arvind Kumar Singh	3
Dr. Priyansen Singh	01
Dr. Gurmet Dorjey	03
Dr. Chintala Venkata Sivasai	04
Dr. Indu Girish	NIL
Dr. Gyanaditya Shakya	NIL
Dr. Priyadarshini Mitra	05
Dr. Manish Tarachand Meshram	NIL
Dr. Mukesh Kumar Verma	NIL

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Ms. Sangeeta Wadhwa	NIL
Total	

* **Edited Books:**

Name of Faculty	No. of Books
Dr. Arvind Kumar Singh	2
Dr. Priyasen Singh	6

* **Books with ISBN with details of Publishers :**

Name of Faculty	Title of the Book	ISBN No.	Publisher
Dr. Anand Singh	Buddhism at Sārnāth	978-93-80607-74-0	Primus Publications, Delhi
	Tourism in Ancient India	81-86771-95-6, 2005	Serial Publications, Delhi
	Pracheen Bhartiya Dharma	978- 93-80172-21-7 2010	Hindi Madhyam Karyanvay Nideshalaya, Delhi
Dr. Arvind Kumar Singh	Animals in Early Buddhism.	81-7854-094-0	Delhi: Eastern Book Linkers.
	A Text Book of the History of Theravada Buddhism	81-86700-66-8	Delhi: Vidya Nidhi Prakashan
	Researches in Buddhist Studies: A Descriptive Bibliography	NIL	Delhi: Department of Buddhist Studies, University of Delhi
	Buddhism in Far East Asia	978-81-7533-165-5	New Delhi: M. D. Publication Pvt. Ltd.
	Buddhism in Southeast Asia	978-81-7533-166-2	New Delhi: M. D. Publication Pvt. Ltd.
	Buddhism in South Asia	978-81-7533-167-9	New Delhi: M. D. Publication Pvt. Ltd.
Dr. Chandrashekhar Paswan	Bhartiya Sankriti evm Dalit	978-81926830-1-0	Shavad Prakashan, 2012, Pandav Nagar Delhi
Dr. Priyasen Singh	Khuddaka Patha	NIL	S. M. Publications, Delhi: 1987
	Ambedkar on Buddhist Converstion and Its Impact	10:0836428250	Eastern Book Linkers, Delhi: 1990

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	Bharat Ke Pramukh Baudha Tirtha Sthala	81-85133-76-X	Eastern Book Linkers, Delhi: 1993.
	Bharat Ke Baudha Tirtha Sthala	81-230-0180-0	Publication Division, Govt. of India, Delhi: 1994.
	Sugata Stava Samgraha	NIL	Samyak Prakashan, Paschim Puri, Delhi: 2008
	ed. Vinaya Pitaka,	NIL	Samyak Prakashan, Delhi: 2009
	Pali Paricaya		Samyak Prakashan, Paschim Puri, Delhi: 2011
	A Friends Letter of Nagarjuna (Acarya Nagarjuna's Krta Suhralalekha)	978-93-86111-84- 5	Rashtriya Sanskrit Sansthan (Deemed University), New Delhi: 2012
	Ambedkarbhima Satkam	978-93-82091-08- 0	Rashtriya Sanskrit Sansthan (Deemed University), New Delhi: 2012
	The Spirit of Buddhism	978-81-8315-204- 4	New Bharatiya Book Corporation, Delhi: 2012
Dr. Chintala Venkata Sivasai	Compassion and Peace in Buddhism	ISBN-81-8411- 022-7	Sonali Publications, New Delhi.
	Some facets of Buddhism in Modern world	ISBN-978-81- 7854-242-3	Eastern Book linkers Pvt.Ltd. New Delhi
	Wittgenstein and Buddhist Ethics	ISBN.978-81- 8411-499-7	Sonali Publications, New Delhi
	Buddhism and Bioethics	ISBN. 978-81- 7844-167-2	K.K. Publications,, New Delhi
	Buddhism: A Practical Psychology	ISBN.978-81- 7854-270-6	Eastern Book linkers Pvt .Ltd. New Delhi
	Buddhist Education: Theory and Practice	ISBN.978-93- 80565-46-0	Prashant Publishing House, New Delhi
	A Hand book for an Indian	ISBN. 978-93- 80565-61-3	Prashant Publishing House, New Delhi

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

	Philosophy		
	Vipassana: A Method for Mind Training	ISBN. 978-93-80565-62-0	Prashant Publishing House, New Delhi
Dr. Gyanaditya Shakya	Bauddha Dharma Darshana Mein Brahma-Vihāra Bhāvanā	978-81-922972-2-4	Ahmadabad: Reliable Publishing House, 2013
	Jinālankāra (Ornamentation of Buddha)	978-81-929116-5-6	Ahmadabad: Reliable Publishing House, 2015
Dr. Manish Tarachand Meshram	Bouddhadhamma main Bodhicharyavatara ki Darshan-mimansa	978-81-922-972-3-1	Ahmadabad: Reliable Publishing House
	Bouddh darshan ka Udbhav evam Vikas	978-8188790-25-8	Ahmadabad: Reliable Publishing House

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Not Reported
- * Citation Index – range / average: Not Reported
- * SNIP : Not Reported
- * SJR : Not Reported
- * Impact Factor – range / average: Not Reported
- * h-index : Not Reported

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. Anand Singh, Selected for the Visiting Professor to ICCR's Chair of Buddhist & Sanskrit Studies at Preah Sihanuk Raja Buddhist University, Phnom Penh, Cambodia (2014).

26. Faculty serving in National committees b) International committees

c) Editorial Boards d) any other (please specify) :

Dr. Arvind Kumar Singh: Member, Editorial Board, Journal of Cultural and Religious Studies, David Publishing Company, 240 Nagle Avenue #15C, New York, NY 10034, USA (http://www.davidpublishing.org/journals_info.asp?jId=1694#)

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

Dr. Gyanaditya Sakhya :

Associated with *Pāli Language & Literature Research Council* as Vice President from May 2009 till date.

Associated as Assistant Editor of an academic research journal named *Nibbān-Bodhi: Research Journal of Religion, Philosophy, Culture, and Social Sciences* (ISSN No. - 2229-3728) published by Kushinagar Bhikshu-Saṅgha, Kushinagar, Uttar Pradesh (India) from May 2010 till date.

Associated as Assistant Editor of a religious newsletter named *Buddha-Jyoti* published by Shakya Publication, Gyanodaya, 104 (Nayapura) Kareli, Allahabad, Uttar Pradesh (India) from February 2011 till date.

Associated as Assistant Editor of a religious newsletter named *Buddha-Vāni* published by Panchashila Sadan, 22 A, Kharkheni, Naini, Allahabad, Uttar Pradesh (India) from March 2011 till date.

Associated with *Pāli Sahitya Academy, New Delhi* (India) as Patron from March 2012 till date.

Associated as Assistant Editor of an academic research journal named *Saṅgāyana: The International Journal of Buddhist Studies* (ISSN No. - 2319-6343) published by Pāli Language & Literature Research Council, Delhi (India) from October 2012 till date.

Associated as Assistant Editor / Shabda-Sadhaka of an academic research journal named *Shabd-Braham - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika* (ISSN - 2320-0871) published from Indore, Madhya Pradesh (India) from June 2013 till date.

Dr. Manish Tarachand Meshram:

As an Assistant Editor in Editorial board from June 2013 in Online Journal of '*Shabd-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika*', Indore, Madhya Pradesh, ISSN: 23200871(Online)

- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).:**

University funds, faculty members for doing faculty recharge programmes.
The details of professional development allowance is attached as

ANNEXURE-II

- 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 :**

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

NIL

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

Dr. Anand Singh

- Selected for the Visiting Professor to ICCR's Chair of Buddhist & Sanskrit Studies at Preah Sihanuk Raja Buddhist University, Phnom Penh, Cambodia (2014)
- Received Dr. I. G. Khan National prize for best paper "Ecological Consciousness in Buddhist Theism: An Anthropocentric - Teleological Issues" in Indian History Congress, 2010
- Received Dr. I.G. Khan National prize for the best paper "Settlement Pattern and Socio-Economic Formation in Early Varanasi" in Indian History Congress, 2008.
- Junior Research Fellowship & Senior Research Fellowship, University Grants Commission, New Delhi, India 1995-2000.

Dr. Gyanditya Sakhya

- *Param Pujya Dr. Baba Saheb Ambedkar Gold Medal* in M.A. Pāli & Prākrit from Rashtra-Santa Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra (India) on 29th & 30th April, 2007.

Dr. Mukesh Kumar Verma

- Dr. Mukesh Kumar Verma was awarded Smt. Kamla Devi Jain Smriti Puraskar for best paper presented at 58th Session of Akhil Bhartiya Darshan Parishad at MLS University, Udaipur during the 59th Session of Akhil Bhartiya Darshan Parishad at Jablapur on October 10, 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.:

S. N.	Title of research Conference	School_department	Funding Agency	Other Details	Name of outstanding participant
1	International Conference On "Introspection s On Buddhist Traditions	SOBSC Department of Applied Buddhist Studies	ICCR New Delhi (MEA) And ICHR, New Delhi	7-9 September , 2012 GBU	30 Internationa l Participant and 110 National Participants

28. Code of ethics for research followed by the departments:

There is an institutional committee for conduct/ethics

29. Student profile programme-wise (2014-2015):

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
BA (Hons) and MA	33	04	06		
MA	54	27	08	NA	NA
M.Phil	44	17	10	100%	100%
Ph.D.	63	14	05		

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
BA (Hons) and MA	NIL	NA	NA
MA	NIL	100%	100%
M.Phil	75%	5%	20%
Ph.D.	60%	6%	35%

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

05 NET

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	96%
PG/M. Phil to Ph.D.	60%
Ph.D. to Post-Doctoral	NIL
Employed	
<input type="checkbox"/> Campus selection	Refer to annexure
<input type="checkbox"/> Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

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Percentage of faculty who are graduates	
of the same university	NIL
from other universities within the State	8%
From the University from other States	92%
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:**
Nil
- 38. Present details of departmental infrastructural facilities with regard to**
- a) Library : Attached to Bodhisattva Bhimrao Ambedkar Library
 - b) Internet facilities for staff and students : yes
 - c) Total number of class rooms : 05+Conference Rooms of the University
 - d) Class rooms with ICT facility : All
 - e) Students' laboratories : Nil
 - f) Research laboratories : Nil
- 39. List of doctoral, post-doctoral students and Research Associates**
- a) **from the host institution/university:**
21(Doctoral, Indian+ Foreign Nationals)

S. No.	Name of Student	Category	Fulltime / Working Professional
1	Le Thi Dieu Loan	International Student	FT
2	Do Dinh Tuan	International Student	FT
3	Tran Thi Dieu Huong	International Student	FT
4	Nguyen Thi Bich Van	International Student	FT
5	Jeik Hyun	International Student	FT
6	Jagaralankara	International Student	FT
7	Phramaha Sanchai Racharee	International Student	FT
8	Phan Ngoc Thien	International Student	FT
9	Le Van Muoi	International Student	FT
10	Tiloka	International Student	FT
11	Ranjana	SC	FT
12	Dhammasami	International Student	FT
13	Panyadeepa Mog	ST	FT
14	Nyanavara	International Student	FT
15	Phan Ngoc Day	International Student	FT
16	Vo Thi Hong	International Student	FT
17	Hoang Thi Le Hang	International Student	FT
18	Nguyen Thi Diem	International Student	FT
19	Phan Anh Duoc	International Student	FT

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20	Kusalasami	International Student	FT
21	Stanzin Mingur	ST	FT

b) **from other institutions/universities :**

15 (Doctoral, Indian+ Foreign Nationals)

S. No.	Name of Student	Category	Fulltime / Working Professional
1	Sumit	OBC	FT
2	Nitin Chandra	SC	FT
3	Chandan Kumar	Gen	FT
4	Tran Tam	International Student	FT
5	Tran Van Minh	International Student	FT
6	Pavara	International Student	FT
7	Ashin Jatila Lankara	International Student	FT
8	U Kawvida	International Student	FT
9	Natpiya Saradum	International Student	FT
10	Pham Nhat Huong Thao	International Student	FT
11	Ajit Kumar	Gen	WP
12	Champalal Mandrele	SC	FT
13	Rajesh Kumar Rai	Gen	FT
14	Menka Solanki	OBC	FT
15	Mohan Prasad Sharma	OBC	WP

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:

Proper survey and comparative analysis with the curriculums of the other universities and concerned institutes were taken into accounts, while introducing new programmes, changing in syllabus of the existing programmes etc.

42. Does the department obtain feedback from: yes

a. **faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :**

Before any modification and changes in existing curriculum, proper discussions among the faculty members and outside experts were taken into account.

b. **students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :**

All teachers of the school generally adopt recommendations of feedback to modify, adjust and evolve their teaching for better communication and to improvise methodology.

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

NA

- 43. List the distinguished alumni of the department (maximum 10):**Not identified
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.:**
Special Lectures: 03/ Workshops: 04
- 45. List the teaching methods adopted by the faculty for different programmes.:**
1. Direct communication with the students through lectures
 2. With power point presentations
 3. With assignments and tutorials
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :**
Monitoring through deliberations and establishing proper communications with the students
- 47. Highlight the participation of students and faculty in extension activities.:**
The students are encourage to go for academic excursions, seminars ect.
- 48. Give details of “beyond syllabus scholarly activities” of the department.:**
The school reguraly organises symposiums, special lectures, cultural programmes with the help of faculty members and students.
- 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:**
The School tries to develop new system of knowledge not only for literary acumen but students are encouraged to apply their knowledge for worldly engagements. Buddhism is a field, which has immensely contributed to monitor, sovle and engage the people of the world for rectifying environmental probems, human rights violation, conflict resolution, etc.
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:**
The school strengthens itself with:
1. Engagement of afculty and students in research and its application.
 2. Faculty adopts modern means of communication (ppt, etc.) to communicate with the students
 3. The school is always watchful to accommodate any new ideas of the field emrging in the global arena.
 4. The faculty members equipped themselves with global knowledge by regularly participating and delivering lectures in India and abroad.
 5. The faculty members and students also try to engage themselves in other disciplines of the academics and culture
- The school is pressing with certain weaknesses like:*
1. The school has new foundation so we are still grappling with proper

number of students (Indian).

The school has wonderful opportunity in global and national field by imparting inculcating and delivering our knowledge which not only useful for academia but for also shaping the policies of the Government in its various fields.

The school has emerged as a centre to accommodate majority of the foreign students studying in Gautam Buddha University. The school has challenge to teach, guide and motivate them properly. It will enhance not only the prestige of the University but also the students who would go tm their country adorn with GBU degree will serve their nation in best possible way.

52. Future plans of the department.

1. The school is planning to apply for UGC-SAP (Special Assistance Programme) to strengthen the research.
2. The school is also planning to collaborate with the imminent institutions of India and abroad for encouraging collaborative researches in the field of Buddhism
3. The school is also planning to start Post Doctoral research in various fields of Buddhism.

Annexure- I

Dr. Anand Singh

- Buddhist Response to Educational Crisis: Locating Space for Creating and Sustenance of Just Society, UNDV volume, Bangkok, 2015
- The Nine Missions of Asoka: Sri Lankan Contested, Prashant Srivastava Indian Culture and Art: Continuity and Change, Delhi: Agam Publication, 2015, pp. 274-83
- Bhabru Edicts of Aśoka: Statecraft or Religed. N.R. Farooqi & S.N.R. Rizvi. *Interrogating the Past: Northern India Through Ages*, New Delhi: Anamika Publishers, 2014, pp.74-79.
- Buddhist Response to Global warming & Environmental Protection: Ideology, Methodology & Dissemination”, in *Buddhist Response to Global Protection*, Vietnam, 2014, ISBN. 978-604-61-1162-7
- ‘*Dhammayātas* of Aśoka : Buddhist Notions & Civil Realities” in ed. Rangama Chandawimala , Singapore, 2013, ISBN. 978-981-07-8574-1
- Destruction” and “Decline” of Nālandā Mahāvihāra: Prejudices & Practice, *Journal of Royal Asiatic Society of Sri Lanka*, Vol. LVIII (I), pp.23-49, Colombo, 2013, ISSN. 1391-720X
- Aftermath in Sārnāth: Some New Dimensions” , in N.R. Farooqi & S.Z.H. Jafri (ed.) *Aspects of Indian History*, New Delhi, 2013, ISBN.978-81-7975-476-4
- Yajnas & Cattle Resources: A Buddhist Ecological Gleaning“ pp.45-67, in ed. Prof. Amar Singh & Prof. Yogendra Singh, *Facets of Buddhism*, vol.2, Lucknow: International Research Institute of Buddhist Studies, 2012
- Ecological and Environmental Concerns Amongst the Buddhist Communities of Ladakh: A Case Study” , in *Buddhist Virtues in Socio Economic Development*, Bangkok, 2011, ISBN: 978-974-364-960-8
- Ecological Consciousness in Buddhist Theism and Their Role in Recovery of Modern Ecological Crisis” , in, *Global Recovery: The Buddhist Perspective* Bangkok, 2010. ISBN.978-974-364-892-2
- Ecological Consciousness in Buddhist Theism: An Anthropocentric- Teleological Approach” , In *Proceeding of Indian History Congress*, 2010. Best Paper Prize.
- Emergence of New Socio- Economic Forces in the Ganga Valley During the Early Buddhist Age : A Critical Appraisal” , In *Proceedings of Allahabad Conference*, 2010
- Settlement Pattern and Socio-Economic Formation in Early Vāranasī (2000BC. -200AD)” in *Proceedings of Indian History Congress*, Delhi, India.2008,Best Paper Prize,
- Patronage and Identity of Sārnāth: A Study Based on Inscriptions and Seals” in, ed. Afzal Hussain & S.Z.H. Jafri, *Uttar Pradesh Through Ages*, 2009. ISBN. 978-81-7975-406-1

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Understanding Customary Laws : Faith and Order in Early Buddhism" , in ed. A. K. Sinha and S. Z. H. Jafri, *Conversations in Indian History*, New Delhi 2008, ISBN. 978-81-7975-342-2
- Wandering Almsman and their *Saṅgha* in Early Buddhism" in *Proceedings of Indian History Congress*, Calicut, India. 2007
- Early Buddhist Order and the Lay-World" in ed. Pratima Asthana & S.Z.H. Jafri. *Transformation in Indian History*, 2007, ISBN-978-81-7975-261-6
- Sacred Geography of Majjhimdesa in Early Buddhism: A Microscopic Appraisal" in ed. Mahendra Pratap & S.Z.H. Jafri , *Regions in Indian History* 2006, ISBN.81-7975-205-4
- Social Issues in Early Buddhism: Gender, Caste & Class, *Mahabodhi*, Delhi 2009.
- Habitation, Agro-Pastoralism and Social Formation in Varanasi (C2000 BC – 500 AD), in *Prof. Om Prakash Felicitation Volume M J P* Rohilkhand University, Bareilly, India, 2008.
- 'Baudh Dharma Mein Paryavarana Sanchetana: Ek Adhayayan, *Itihas Drishti*, Vol.IV.2010, ISSN. 0976-349X.

Articles:

Articles for publication in *Springer*, Germany, in *Encyclopedia of Religions (Buddhism)*, ed. Prof. Arvind Sharma & Prof. K.T.S. Sarao (To be published in 2015).

- Mathura (Accepted & Reviewed)
- Nagarjunakonda (Accepted & Reviewed)
- Vairocana (Accepted & Reviewed)
- Dhammasvami (Accepted & Reviewed)
- Dhammapala (Accepted & Reviewed)
- Dhammadvijaya (Accepted & Reviewed)
- Vehicles in Buddhism (Accepted & Reviewed)

Dr. Indu Girish

- 'Nature of Experience according to Naagarjuna' in Buddhist Studies – a yearly research journal of the Deptt. Of Buddhist Studies, University of Delhi, Vol (viii), March 1984.
- 'An Enquiry into Real – the Maadhyamika Way' in Buddhist Studies – a yearly research journal of the Deptt. Of Buddhist Studies, University of Delhi, Vol (xi), March 1987.
- 'Sunnyata and Its Ethical Implication' – in a Journal – The Philosophical Quest – Volume 3, Part II, July-Dec 2014.
- 'Compatibility of Buddhist Principles and Ecology' – Published in 'Buddhist Response to Environmental Protection' under UNDV Vietnam Buddhist University Series – 22.

Dr. Gyanaditya Shakya

- Shakya, Gyanaditya, 2011, *Bauddha Dharma Mein Mahilaon Ki Sthiti: Therigathā Ke Sandarbha Mein*, published in seminar proceedings of National Seminar on *Status and Role of Women in World Religions* organized by Department of Guru Nanak Studies, Guru Nanak Dev University, Amritsar from 10 March 2011 to 11 March 2011 at Guru Nanak Dev University, Amritsar, Punjab from page no. 177 to 184.

- Shakya, Gyanaditya, 2013, *Interfaith Understanding in Buddhism*, published in seminar proceedings of National Seminar on *Relevance of Sri Guru Granth Sahib for Interfaith Understanding* organized by Centre on Studies in Sri Guru Granth Sahib, Guru Nanak Dev University, Amritsar, Punjab from 07 March 2013 to 08 March 2013 at Centre on Studies in Sri Guru Granth Sahib, Guru Nanak Dev University, Amritsar, Punjab from page no. 141 to 154.
- Shakya, Gyanaditya, March 2007, *Brahma-Vihāra Bhāvanā: Ek Prayogika Vishleshana*, Souvenir, International Seminar on *Globalize Contributions of Buddhism: A Historical Perspective*, (Editor) Nand Ratan, Kushinagar: Kushinagar Bhikshu Saṅgha, Uttar Pradesh and Diksha Guru Chandramani Seva Sansthan, Kushinagar, Uttar Pradesh. P.62-67.
- Shakya, Gyanaditya & Nand Ratan, May 2009, *Theravada Sampradaya Ke Vikas Mein Telakaṭāhagāthā Pāli Kāvya-Granth Ka Yogadana, Nibbān-Bodhi Volume IV*, (Editor) Nand Ratan, Kushinagar: Kushinagar Bhikshu Saṅgha, Uttar Pradesh. P.74-78.
- Shakya, Gyanaditya, September 2011, *Vishwa Shanti Mein Baudhā Dharmā Ki Prasangikata, Souvenir Paññāpadipo (Pragya Prabha/Light of Wisdom)* UGC sponsored Interdisciplinary International Conference on *Relevance of Buddhist Philosophy in the Globalised World*, (Editors) Dr. Balachandra Khandekar, Dr. Mithilesh Awasthi & Prof. Sudesh Bhowate, Nagpur: Sakshi Prakashan, Nava Nakasha (ISBN No. - 978-81-920620-5-1). P.306-310
- Shakya, Gyanaditya, 2013, *Baudhā Sahitya Evam Shiksha Ke Vikas Mein Anagārika Dhammapāla Ki Dena Dhammachakka Mahotsava 2013 Smarika* (Chief Editor) Bhikkhu P. Seewalee Thero and (Editors) Bhikkhu Upanand, Bhikkhu Gyanalok, Bhikkhu Nand Ratan, Bhikkhu Chandima & Bhikkhu Devendra, Sarnath: Dhammachakka Mahotsava Samiti, P.39-43.
- Shakya, Gyanaditya, 2014, *Contribution of Dr.Bhim Rao Ambedkar to Buddhist Literature, An Anthology of Scholarly Articles on the Life, Works and Thoughts of Babsaheb Dr. B.R. Ambedkar, Volume One* (Chief Editor) Dr. Balachandra Khandekar and (Editors) Dr. Mithilesh Awasthi & Prof. Sudesh Bhowate, Nagpur: P.W.S. Arts & Commerce College, Dr. Madhukarrao Wasnik Educational Campus, Kamptee Road, Teka, Nagpur. (ISBN No: 13-978-81-926293-0-8). P.444-450
- Shakya, Gyanaditya, 2014, *Jinālāñkākara Ki Kavyagata Samikhsa, The Contribution of Buddhism to the Process of Human Development – Souvenir* (Chief Editor) Dr. Malti Sakhare and (Editors) Dr. Balachandra Khandekar & Dr. Niraj Bodhi, Nagpur: Department of Pāli & Prākrit, Rashtra-Santa Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra (India). (ISBN No: 13-978-81-920620-8-2). P.194-204

ARTICLES:

- Shakya, Gyanaditya, November 2007, *Buddha Ki Muditā Brahma-Vihāra Bhāvanā*, Nibbān-Bodhi Volume II, (Editor) Nand Ratan, Kushinagar: Kushinagar Bhikshu Sañ gha, Uttar Pradesh. P.3-6
- Shakya, Gyanaditya, November 2008, *Buddhopadishta Dhamma Ki Gunavatta*, Nibbān-Bodhi Volume III, (Editor) Nand Ratan, Kushinagar: Kushinagar Bhikshu Sañ gha, Uttar Pradesh. P.1-8
- Shakya, Gyanaditya, May 2009, *Pāli Kāvya Sahitya: Ek Adhyayan*, Nibbān-Bodhi Volume IV, (Editor) Nand Ratan, Kushinagar: Kushinagar Bhikshu Sañ gha, Uttar Pradesh. P.9-18
- Shakya, Gyanaditya, November 2009, *Pāli Kāvya-Shashtra Mein Kāvya (Udān): Ek Anushilan*, Nibbān-Bodhi Volume V, (Editor) Nand Ratan, Kushinagar: Kushinagar Bhikshu Sañ gha, Uttar Pradesh. P.18-26
- Shakya, Gyanaditya, February 2010, *Pratham Dhamma-Saṅgiti Evam Buddhavachan Ka Vibhajan*, Journal of Buddhist Studies Volume XXXVIII, (Editor) Prof. Bhikshu Satyapala, Delhi: Department of Buddhist Studies, University of Delhi, P.142-147
- Shakya, Gyanaditya, May 2010, *Pāli Kāvya Sahitya Ka Udabhava Aur Vikas*. Nibbān-Bodhi Volume VI, (Editor) Nand Ratan & (Assistant Editor) Gyanaditya Shakya, Kushinagar: Kushinagar Bhikshu Sañ gha, Uttar Pradesh. P.9-24
- Shakya, Gyanaditya, May 2011, *Pāli Kāvya-Sahitya Mein Jinālaṅkāra: Ek Samikshatmak Adhdhayan*, Nibbān-Bodhi - Research Journal of Religion, Philosophy, Culture, and Social Sciences Volume VII (Editor) Nand Ratan & (Assistant Editor) Dr. Gyanaditya Shakya, Kushinagar: Kushinagar Bhikshu Sañ gha, Uttar Pradesh. (ISSN No. - 2229-3728). P.26-38
- Shakya, Gyanaditya, & Nand Ratan, May 2011, *Bauddha Dhama Mein Mahaprajapati Gautami Ka Sthan*, Nibbān-Bodhi - Research Journal of Religion, Philosophy, Culture, and Social Sciences Volume VII, (Editor) Nand Ratan & (Assistant Editor) Dr. Gyanaditya Shakya, Kushinagar: Kushinagar Bhikshu Sañ gha, Uttar Pradesh. (ISSN No. - 2229-3728). P.81-86
- Shakya, Gyanaditya, November 2011, *Buddhism and Happy Life*, Dharmadoot Kartika Purnima Special Issue on the occasion of the 2600th years of Buddhism and 80th years anniversary of Mulagandha Kuty Vihara (Editor) Ven. P. Seewalee Thero, Varanasi: Maha Bodhi Society of India, Sarnath, Uttar Pradesh. P.70-77
- Shakya, Gyanaditya, 2011, *Bauddha Dhama-Darshana Mein Samyaka Ājīvikā*, Shoda-Patrika Yuga-Shilpi (A Referred Journal of Humanities & Social Sciences) Volume 9 (Editor) Dr. Raj Narayana Shukla & (Sub-Editor) Vinod Kumar Goyal, Ghaziabad: Dr. Raj Narayana Shukla, S.H., A-5, Kavi Nagar, Ghaziabad, Uttar Pradesh. (ISSN 0975-4644) P.62-74
- Shakya, Gyanaditya, January-June 2012, *Bauddha Dhamma Mein Shiksha Paddhati: Ek Anushilana*, Research Journal of Education, Humanities & Social Sciences - An Interdisciplinary Journal for Democracy, Education, and Humanism (Editor) Dr. Digambar

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Khobragade, Nagpur: 4, Jaibhim Housing Society, Chandramani Nagar. (ISSN-2230-827X), P.55-60
- Shakya, Gyanaditya, October 2012, **Bauddha Dhamma Mein Sīla Ki Avadharana, Sañgāyana: The International Journal of Buddhist Studies Volume I**, (Editor) Dr. Surjeet Kumar Singh & (Assistant Editor) Dr. Gyanaditya Shakya, Delhi: Pāli Language & Literature Research Council. (ISSN No. - 2319-6343), P.82-87
 - Shakya, Gyanaditya, October to December 2012, **Concept of Right Livelihood in Buddhism, Sangharsh / Struggle: E-Journal of Dalit Literary Studies Volume 1 No. IV (Online)** (Editor) Dr. Pramod Kumar & (Assistant Editor) Haresh Parmar, New Delhi: 191, Sector -19 B, Pocket B, Near OPG School, DDA MS Flats, Sanskriti Apartments Dwarka, (ISSN 2278-3067), P.24-33 (http://www.dalitsahitya.com/assets/content/Vol_01_Issue_04_Sangharsh.pdf)
 - Shakya, Gyanaditya, December 2012, **Prof. Balachandra Khandekar Evar Bauddha Dhamma-Darshana, Paññā - Dr. Balachandra Khandekar Gaurav Smarnika 2012** (Editor) Dr. Malti Sakhare, Nagpur: Dr. Balachandra Khandekar Gaurav Samiti, P.93-95
 - Shakya, Gyanaditya, January-December 2013, **Bauddha Dharm Dharshan Mein Upekshā Brahma-Vihāra Bhāvanā: Ek Anushilana, Research Journal of Education, Humanities & Social Sciences - An Interdisciplinary Journal for Democracy, Education, and Humanism Volume V & VI** (Editor) Dr. Digambar Khobragade, Nagpur: 4, Jaibhim Housing Society, Chandramani Nagar. (ISSN-2230-827X), P.44-51
 - Shakya, Gyanaditya, January till March 2013, **Pāli Kāvya-Sahitya Mein Kāyaviratigāthā: Ek Sahityika Adhyayan, Sangharsh / Struggle: E-Journal of Dalit Literary Studies Volume 2 No. I , (Peer Reviewed e-Journal) (Online)** (Editor) Dr. Pramod Kumar & (Assistant Editor) Haresh Parmar, New Delhi: 191, Sector-19, Pocket B, Near OPG School, DDA MS Flats, Sanskriti Apartments Dwarka, (ISSN 2278-3067), P.96-104 (http://www.dalitsahitya.com/assets/content/Vol_02_Issue_01_Sangharsh.pdf)
 - Shakya, Gyanaditya, April 2013, **Pāli Bhasha Va Sahitya Ke Sath Bhedabhava, Dhamma-Desana Karuna-Sagara Buddha Ko Samarpita Masika Patrika**, (Editor) Geeta Shakya (Assistant Editor) Netrapala Singh Shakya, Ghaziabad: M.M.-22, D.L.F. Ankur Vihar, Loni, Ghaziabad, Uttar Pradesh, P.24-25
 - Shakya, Gyanaditya, November 2012 till October 2013, **Pāli Kāvya-Sahitya Mein Kamalāñjali: Ek Sahityika Adhyayan, Sañgāyana: The International Journal of Buddhist Studies Volume II & III**, (Editor) Dr. Surjeet Kumar Singh & (Assistant Editor) Dr. Gyanaditya Shakya, Delhi: Pāli Language & Literature Research Council. (ISSN No. - 2319-6343). P.55-58

- Shakya, Gyanaditya, June 2013, *Pāli Kāvya-Sahitya Mein Buddhālaṅkāra: Ek Sahityika Adhyayan*, Shabd-Brahm - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika Volume 1 Issue 8 (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar, Madhaya Pradesh. (ISSN 2320-0871), P.12-20
<http://www.shabdbrahm.com/ShabdB/archive/v1i8/sbd-V1-i8-sn2.pdf>
- Shakya, Gyanaditya, July 2013, *Pāli Kāvya-Sahitya Mein Sāsanvañśadīpa: Ek Sahityika Adhyayan*, Shabd-Brahm - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika Volume 1 Issue 9 (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar, Madhaya Pradesh. (ISSN 2320-0871), P41-51,
<http://www.shabdbrahm.com/ShabdB/archive/v1i9/sbd-V1-i9-sn7.pdf>
- Shakya, Gyanaditya, *Arthika Jagat Mein Shakyamuni Gautam Buddha Ke Vicharaon Ki Prasangikata*, Mook Aawaz Hindi Journal (Editor) Pramod Meena, Assistant Professor, Department of Hindi, Pandicheri University, Pandicheri-605014. (ISSN 2320 - 835X) 17th July 2013, P.120-126,
<https://sites.google.com/site/mookaaawazhindijournal/vartamana-anka>
- Shakya, Gyanaditya, July 2013, *Relevance of Pāli Tipiṭaka Literature to Modern World*, IMPACT: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL) Volume 1 Issue 2, P.83-92. <http://www.impactjournals.us/archives.php>
- Shakya, Gyanaditya, April 2014, *Relevance of Pāli Tipiṭaka Literature, Nibbān-Bodhi - Research Journal of Religion, Philosophy, Culture, and Social Sciences Volume VIII (Combined Issue 2012 & 13)* (Editor) Nand Ratan, Kushinagar: Kushinagar Bhikshu Saṅgha, Uttar Pradesh. (ISSN No. - 2229-3728). P.15-32.
- Shakya, Gyanaditya, April 2014, *Relevance of Loving Kindness in Society*, Younker International Journal of Humanities (An Initiative of Younker Scientific and Social Science Research Foundation) Volume I (I), (Editor) Dr. Heero Hito (CEO, Younker Scientific and Social Science Research Foundation), Hapur: Buddha Lok, Meerut Road, Hapur-245101, Uttar Pradesh. ISSN 2348-6066 (P), 2348-6077 (O), P.189-195. <http://j-younker.com/files/documents/24.pdf>
- Shakya, Gyanaditya, June 2014, *Relevance of Right Effort in Human Life*, Shabd-Brahm - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika Volume 2 Issue 8 (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar, Madhaya Pradesh. (ISSN 2320-0871), P.23-33. <http://shabdbrahm.com/ShabdB/archive/v2/i8/sbd-V2-i8-sn5.pdf>
- Shakya, Gyanaditya, July 2014, *Pali Kavya Sahitya Mein Lokadīpasāra*, Shabd-Brahm - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika Volume 2 Issue 9 (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar,

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Madhya Pradesh. (ISSN 2320-0871), P.54-63. <http://shabd-braham.com/ShabdB/archive/v2i9/sbd-V2-i9-sn10.pdf>.
- Shakya, Gyanaditya, September 2014 (2558th B.E.), ***Relevance of Khuddaka-Pātha-Atthakathā, Dharmadoot Special Volume on 150th Birth Anniversary of Anagārika Dharmapala Volume 80*** (Managing Editor) Ven. P. Seewalee Thero, (Editor) Professor Bimalendra Kumar, (Assistant Editor) Dr. Ramesh Prasad, Kolkata: Maha Bodhi International Publication & Media Division, Maha Bodhi Society of India, Sri Dharmarajika Chetiya Vihāra, 4-A, Bankim Chatterjee Street, Kolkata (West Bengal). (ISSN 2347-3428), P.46-56.
- Shakya, Gyanaditya, October 2014, ***The Significance of Sekhiyā Dhammā in Environmental Protection, Shabd-Braham - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika Volume 2 Issue 12*** (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar, Madhya Pradesh. (ISSN 2320-0871), P.29-36. <http://shabd-braham.com/ShabdB/archive/v1i12/sbd-v2-i12-sn5.pdf>
- Shakya, Gyanaditya, 2014, ***Relevance of Buddhist Ethics in Contemporary Society, Vimarsa: Research Journal of Interdisciplinary Philosophical Stream (Bilingual Annual Research Journal) Volume 2*** (Editors) Dr. Uma Pant & Dr. Anamika Singh, Department of Philosophy, Arya Mahila Post Graduate College, Chetganj (Varanasi), Varanasi: Suruchi Kala Prakashan, B 23/45, Gha A-S, Nai Bazar, Kojwan, Varanasi, Uttar Pradesh. (ISSN 2393-9559), P.68-81
- Shakya, Gyanaditya, July-December 2014, ***The Significance of Pahānappadhānaṁ (The Effort to Abandon) in Human Life, An International Research Journal CONSCIOUS Research Journal (Referred Bi-Annual Research Journal) Year 1 Issue II*** (Editor) Dr. Shiv Kumar & (Assistant Editor) Mrs. Shaveta, Kurukshetra: Vats Foundation, 803-2, Professor Colony, Line No.2, Kurukshetra (Harayana). (ISSN 2349-2619), P.26-35
- Shakya, Gyanaditya, January till March 2015, ***The Significance of Sekhiyā Dhammā in the Style of Clothing, Sangharsh / Struggle: E-Journal of Dalit Literary Studies (Peer Reviewed & Refereed International e-Journal) Volume 04 Issue 01 (Online)*** (Editor) Dr. Pramod Kumar, New Delhi: Dr. Parmod Kumar # 191, Sector-19, Pocket B, Near OPG School, DDA MS Flats, Sanskriti Apartments Dwarka, New Delhi-110075 (ISSN 2278-3067), P.44-48 http://www.dalitsahitya.com/static/media/data/Sangharsh_Vol_04_Issue_01_2015.pdf
- Shakya, Gyanaditya, March 2015, ***The Role of Sekhiyā Dhammā in the Restrain of Senses, Shabd-Braham - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika***

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Volume 3 Issue 5* (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar, Madhya Pradesh. (ISSN 2320-0871), P.16-21 <http://shabd-braham.com/ShabdB/archive/v3i5/sbd-v3-i5-sn3.pdf>
- Shakya, Gyanaditya, April 2015, *Buddhopadishta Satta-Aparihāniyā-Dhammā Ki Vartman Samaaj Mein Prasangikata, Nibbān-Bodhi - Research Journal of Religion, Philosophy, Culture, and Social Sciences Volume IX Issue 2015* (Editor) Nand Ratan & (Assistant Editor) Dr. Gyanaditya Shakya, Kushinagar: Kushinagar Bhikshu Sañgha, Uttar Pradesh. (ISSN No. - 2229-3728). P.29-45.
- Shakya, Gyanaditya, May 2015, *Sigālovāda-Sutta: Sukhi Manav Jivana ki Adharashila, Shabd-Braham - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika*
- Volume 3 Issue 7* (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar, Madhya Pradesh. (ISSN 2320-0871), P.31-38 <http://www.shabd-braham.com/ShabdB/v3i7.php?mode=Hindi>
- Shakya, Gyanaditya, June 2015, *Telakaāhagāthā mein Tiratana ki Avadharana, Shabd-Braham - Bharatiya Bhashayaon Ki Antarashtriya Masik Shodha Patrika*
- Volume 3 Issue 8* (Chief Editor) Prof. Pushpendra Dubey & (Assistant Editor) Dr. Gyanaditya Shakya, Indore: D-37, Sudama Nagar, Madhya Pradesh. (ISSN 2320-0871), P.17-25 <http://shabd-braham.com/ShabdB/archive/v3i8/sbd-v3-i8-sn4.pdf>
- Shakya, Gyanaditya, January-June 2015, *The Role of Sekhiyā Dhammā in the Proper Utilization of Food, An International Research Journal CONSCIOUS Research Journal (Referred Bi-Annual Research Journal)* Year 2 Issue I (Editor) Dr. Shiv Kumar & (Assistant Editor) Mrs. Shaveta, Kurukshetra: Vats Foundation, 803-2, Professor Colony, Line No.2, Kurukshetra (Harayana). (ISSN 2349-2619), P.1-11

Dr. Priyadarsini Mitra

- Secularism and its Relation with the Academic Study of Religion, *Bulletin of the Ramkrishna Mission Institute of Culture* Vol. LXI No.1, January 2010, International Journal.
- Buddhism in the sphere of world peace, *Journal of Mahabodhi Society*, Vol. 115, No. 5, Oct. 2007 – Sept. 2008.
- Bengal's contribution on Buddhism, *Journal of Mahabodhi Society* in May 2005, Vol. 113, No. 3, January-June 2005.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Reformation of Present Society by Practicing the Buddha's Ethics, Article in the Book, *Language and truth in Buddhism* Edited by – Prof. Ragunath Ghosh and Joytish Basak, Published By – Northern Book Center, New Delhi-2010, ISBN: 978-81-7211-291-2

- Influence of Buddhist Morality in the attaining of the Global Peace, Article in the Book, *Social Philosophy for the NewMillennium* (7th International Congress of Social Philosophy), Published by – Lekha Prakashoni, College Street, Kolkata-73, 2008.

- Hindu Temple (Mandir), *Fellowship Journal of the National Commission for Religious Harmony*, CBCI, New Delhi, June 2010.

- Practice of Buddhist Ethics for the Reformation of Present Society, *Journal of the Department of Philosophy*, Chandernagore Govt. College. 2009

- Rabindra Chitte Bouddha Bhavdhara, *Rabindra Sankhya Department of Philosophy*,Chandernagore Khalisani Mahavidyalaya, 2007.

- Jibon Darshan(*Philosophy of Life*),*Bengali Patrika,Department Of Philosophy*, Chandernagore Khalisani Mahavidyalaya, 2007.

- No Soul Theory in Buddhism, *Monograph of Asiatic Society*, 2010.

- Swamiji's Philosophy of Oneness of Atman paves way for National Integration,Article in the book,Swami Vivekananda and National Integration, Ed. by Projit kumar palit, Publisher name: Kaveri Books, New Delhi., July, 2013, ISBN: 978-81-926244-2-6

- *Buddha's Anattavada: A Veritable Panacea For All Suffering*, Nalanda(Buddhism and Indian Cultural Journal),Ed. by Bhikkhu Sumanpal, Vol.XLVIII-XLIX.May 2014, ISSN. 2320-7264.

- Mindfulness(Sati) in Buddhism: A Beneficial Practice for Wellbeing of Mankind in the book, *Mind Management for Management*,Ed. by Sanjib Mittal, Puja Khatri, Shilpa Jain; Published by Bloomsbury Publishing India Pvt.Ltd.New Delhi,2015, ISSN-978-93-84898-51-9
- Buddhist Philosophy: A Way from Inner Peace to World Peace,Posted by isma times(International Service For Mass Awarness) On December 26, 2014, <http://www.ismatimes.com/2014/12/buddhist-philosophy-a-way-from-inner-peace-to-world-peace/>
- 15.“SPIRITUALITY IN BUDDHISM: RELEVANCE TO MODERN ASPECT THROUGH EDUCATION”, Article in the Book, *Sufism and Indian Spiritual Traditions: An Educational Perspective*, Edited by –

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

Dr.Shaheer Siddiqui, Published by New Delhi Publishers, New Delhi-110002,2015, ISBN: 978-81-85503-06-6

- “*Humanism in Buddhist Philosophy: an Ethical Up- gradation of Human Being*”, Article in the Book, *The Ocean of Buddhist Wisdom (Vol-VII)*, Edited by Prof.B.Labh, Published by New Bhartiya Book Corporation, New Delhi- 10002, 2014, ISBN: 978-81-8315-166-5
- “*Dharma, Adhamma and Saddhamma of Ambedkar: An Ethical Approach to the Improvement of Mankind*”, *Sangayana, The International Journal of Buddhist Studies, Vol-6, November, 2014-April, 2015, Edited by Dr.Surjeet Kumar Singh, Published by Pali Language and Literature Research Council, New Delhi, ISSN: 2319-6343*

Dr.Chandrashekhar Paswan

- Pracin Nager Vaishali ka Aitihasik Evm Sanskritik Vishlehan :Bhut Evm Vartmaan Paripekshya Mein, ed. by B Labh, Prajna-Sindhu, -2014.
- Dakini in Tibetan Buddhism – Buddhist Studies, Journal of the Department of Buddhist Studies, University of Delhi, Vol. XXX, p. 167-177, Dec. 2006.
- Development of Buddhism under the Gupta Period – Buddhist Studies, Journal of the Department of Buddhist Studies, University of Delhi, Vol. XXXIII, p. 67-81,
- Buddha Aur Ambedkar Ke Vicharaon Main Samajik Awadharana, Pratyay, Hindi Quaterly Magazine, Ank-2, July-Sep. 2007, p.26-30.
- Baudhakalin Samajik Vyavastha evamAdhunik Bharat mein Dalit chetnaekSanskshipt Avlokan– Buddhist Studies, Journal of the Department of Buddhist Studies, University of Delhi, Vol. XXXIV, p. 167-178, 2008.
- Mithila Ke Lok Sidhacharyo Par BaudhSidhacharo KaPrabhav- Buddhist Studies,
- Journal of the Department of Buddhist Studies, University of Delhi, Vol. XXXV, Nov. 2008, p.196-204.

Dr. Manish T. Meshram

- **Meshram, Manish(2012) *Paticcasmuppada: The Heart of Buddhism*** published in Sangayana:The International Journal of Buddhist Studies, Wardha, Maharastra ISSN:2319-6343, Vol.1, October, 2012, P.18-21
- **Meshram, Manish(2012) *A Modern Bodhisattva:Dr. B. R. Ambedkar*,** published in Sangharash/Struggle:E-Journal of Dalit Literary Studies, Delhi, ISSN:2278-3067(Online), Vol.1,Issue.04, Oct-Dec,2012, P.8-16

- Meshram, Manish(2013) *Concept of Humanistic Buddhism in New Age*, published in Sangharash/Struggle:E-Journal of Dalit Literary Studies, Delhi ISSN:2278-3067(Online), Vol.2,Issue.01, Jan to March, 2013, P.8-16.
- Meshram, Manish(2013) *Bodhisattav Ambedkar ki Dharm-kranti: Adhunik Bharat ke sandarbh main* published in Shadb-braham: Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika, Indore, Madhya Pradesh, ISSN: 23200871(Online), Vol. 1, Issue. 6, 17th April, 2013, P.29-35
- Meshram, Manish(2013) *Bodhisattav Dr. Ambedkar ka Shiksha-Jagruti mein Yogadan*, published in Mook Aawaz Shodh Journal, Kalapet, Pondicherry, ISSN 2320-835X(Online), April-June,Vol.1,No.2, 2013, P.113-119.
- Meshram, Manish(2013) *Premchand Sahitya mein Accut Samasya ka Vivechan* published in Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika, ISSN: 23200871(Online), Vol. 1, Issue. 9, 17th July, 2013, P.3-13.
- Meshram, Manish(2013) *Mahayana Bouddh Dhamm main Dharmkaya ki Avadharna* published in Shadb-braham:, Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika ISSN: 23200871(Online), Vol. 1, Issue. 10, 17th August, 2013, P.11-20
- Meshram, Manish(2013) *Role of Buddhist Education in Ancient India*, published in IMPACT: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL) Vol. 1, Issue 3, Aug 2013, P.7-16.
- Meshram, Manish(2013) *The Significance of Buddhist Ethics in Modern Edcuation*, published in IMPACT: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL), ISSN 2321-8878, Vol. 1, Issue 4, Sep 2013, P.17-24
- Meshram, Manish(2014) *Universal Bodhisattva Ideal in Buddhism*, published in Sangayana:The International Journal of Buddhist Studies, Wardha, Maharashtra, ISSN:2319-6343, Vol.2&3, November,2012-October,2013, P.30-33.
- Meshram, Manish (2014) *The Significance of Peace in Buddhist Perspective*, published in Scholars World (IRMJCR), Malegaon Nasik, Maharashtra, India EISSN 2320-3145 (online), Vol. II, Issue,1, January, 2014, P.86-93.
- Meshram, Manish (2014) *Essences of Happiness in Buddhism*, published in Nibbana Bodhi:Research Journal of Religion, Philosophy, Culture and Social Science) Kushinaga,ISSN No.2229-3728, Vol.VII, Combined issue 2012-13, P.37-46.
- Meshram Manish (2014) *Status of Women in Buddhism: Spiritual and Social energetic movement*, published in Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika, Indore, M.P. ISSN: 23200871(Online), V.2(5), 17March, 2014, P.26-32.
- Meshram Manish (2014) *Role of Babasaheb Dr. B.R. Ambedkar in Indian Buddhism*, publishing in An Anthology of Scholarly Articles on the Life, Works and Thoughts of Babasaheb Dr.B.R.Ambedkar, Chief Editor Dr.

Balchndra Khandekar, P.W.S. Arts & Commerce College, Nagpur, ISBN 13-978-81-926293-0-8, Vol 1,2014,P.248-257.

- Meshram Manish (2014) **Mindfulness Meditation: The Way to Nibbana (True Happiness)**, published in International Journal of Education & Applied Sciences Research, Vol.1, Issue 4, Aug-2014, pp 101-106
- Meshram Manish (2014) The Concept of Nature in Buddhism, published in *Youker International Journal of Humanities*, ISSN-2348-6066 (P), 2348-6074 (O) Vol. 1 (1) April 2014.P.176-184.
- Meshram Manish (2014) ***Bouddh darshan main Anatmavad ki avadharna***, publishing in Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika, Indore, M.P. ISSN: 23200871(Online), July, 2014, P.03-06.
- Meshram Manish (2014)**The significance of Heart Sutra in Mahayana Buddhism**, publishing in Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika, Indore, M.P. ISSN: 23200871(Online), October, 2014, P.75-82.
- Meshram, Manish(2015) ***Dr B. R. Ambedkar's Contribution for Empowerment of Indian Women*** published in Sangharash/Struggle:E-Journal of Dalit Literary Studies:Peer-Reviewed & Refereed International Journal, Delhi, ISSN:2278-3067(Online), Vo4.1,Issue.01, Jan-Mar,2015, P.49-56.
- Meshram, Manish(2015) ***The Doctrine of Dukkha (Suffering) in Buddhism*** published in Shadb-braham: Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika, Indore, Madhya Pradesh, ISSN: 23200871(Online), Vol. 3, Issue. 5, 17th March, 2015, P.8-15.
- Meshram Manish (2015) ***Concept of the Bodhisattva Ideal in Santideva's Bodhicharyavatara***, published in Nibbana Bodhi:Research Journal of Religion, Philosophy, Culture and Social Science) Kushinaga,ISSN No.2229-3728, Vol.IX, April,2015,P.147-157.
- Meshram, Manish(2015) ***Pali sahitya main varnit Tathagat Buddha ke nao sarvottam gun***.published in Shadb-braham: Shadb-braham:Bhartiya Bhashao ki Antarashtriya masik shodh Patrika, Indore, Madhya Pradesh, ISSN: 23200871(Online), Vol. 3, Issue. 7, 17th May, 2015, P.40-44.

Dr. Mukesh Kumar Verma

- Published Paper titled “ Mahayan Prampra Mein Prajna- Parmita: Ek Anushilana ” in *Darshnik Traimasik*, ed. Dr. Ramesh Chandra Sinha, Vars-61, Ank-3, Akhil Bhartiya Darshan Parishad, Patna, July-September 2015, p 94-97.
- Published Paper titled “Buddhist Response to Sustainable Development: Theory & Practice” in` United Nations’ sponsored Conference proceeding *Buddhism for Sustainable Development and Social Change* Ninh Binh, Vietnam, 2014: 31-43.
- Published Paper titled “Baudha Mat Mein Nirvana: Ek Vishlesana” in *Darshnik Traimasik*, ed. Dr. Ramesh Chandra Sinha, Vars-60, Ank-4, Akhil Bhartiya Darshan Parishad, Patna, October-December, 2014: p. 93-99.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Published Paper titled “ Prajatantra mein Mahila Sashaktikaran ka Avinav Prayas” in a book *Prajatantrik Mulyo ka Mulyantaran : Aaj ke Sandarbha Mein*, Varanasi, 2013.
- Published Paper titled “Existentialist Ethics of Buddhism” in *Sangayana* Vol.1: 25-28, October 2012.
- Published Paper titled “Baudha Gyanamimamsa Ke Vikash Mein Nalanda Mahavihara Ke Acharyon Ka Yogdan” in *Darshnik Traimasik*, 58,(4):185-193, Patna, October-December 2012.
- Published Paper titled “Dakshinipuri Asia mein Bauddha Dharma ke prasar mei Maurya Samrat Ashok ki Bhumika” in *Darshanik Anugunj* Bihar Darshan Parisada, 56-61, Patna in January-June 2011.
- Published Paper titled “Dwitiya Bauddha Sangiti Kal Mein nikayo ka Udabhav aur Vikas” *Buddhist Studies*, vol. xxxviii in Feb. 2010:
- Published Paper titled “Bauddha Dharam Mein Månavata ka Åadarsha” published in a *Darshnik Tramasik* 56,(4) , Patna, October-December 2010.
- Published Paper titled “Shanti Evam Sah-Astitva ke Sandarbh Mein Bauddha Darshan ki Prasangikta” *Buddhist Studies*, Vol. XXXIII,185-192 June 2007.

Dr. Gurmet Dorjey

- Proceeding of Indian society of Buddhist studies conferences, **Name of Book:** Ocean of Buddhist Wisdom vol-I **Name of Publication House:** New Bhartiya Book Corporation, Delhi, 2008, **Title of the paper:** Role of Ladakhi Rulers and Propagation of Buddhism in Ladakh., p. 286-29
- Proceeding of Indian society of Buddhist studies conferences **Name of Book:** Ocean of Buddhist Wisdom vol-II, **Name of Publication House:** New Bhartiya Book Corporation, Delhi, 2009, **Title of the paper:** Mask Dances of Ladakh.
- **The Journal of Kashmir Studies, Vol. IV, No.1, 2010,** **Name of Publication House:** Institute of Kashmir Studies, University of Kashmir. **Title of the paper:** Buddhism and Buddhist Scholars of Kashmir
- **United Nation Day of Vesak Conference, Vietnam.** **Title of Paper:** Local Gods, Karma, & Morality: Religious Understanding of the Environment in Ladakh
- **Sangayana: The International Journal of Buddhist studies,** **Name of Publicaiton House:** *Pali language and literature Research council, Kushinagar, UP,* **Title of Paper:** *Historic Religious Structures of Zanskar*
- **Ladakh Prabha 18th Volume, Education System in India,** **Title of Paper:** Education System in Theravada Buddhism

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

Dr Ch.Venkata Siva Sai

1	Research Journal of Philosophy and Social Science	The Analytical Ethics of Buddhism	ISSN.0043-7325	June, 2015
2	The Maha Bodhi	Pragmatical Significance of Buddhism	ISSN. 0025-0406	May, 2015
3	Make in India Emerging Trends in Trade and Innovations for Effective Entrepreneurship	Indian Entrepreneurship and the challenges to India's Growth with Special Reference to Buddhist Perspective on Entrepreneurs	ISBN. 7893-8486-9539 (Excel India Publishers)	April, 2015
4	Emerging Global Economic Perspectives	The Buddhist Way to Economic Stability	ISBN.978-81-927406-3-5	April, 2015
5	Progressing Towards Responsible Economy: Issues and Perspectives	Buddhist Economics: The Foundation to solve Contemporary Economic Issues	ISBN. 978-81-927406-4-5	March, 2015
6	Inclusive Growth	The Application of Buddhist Right Livelihood working in the Right Spirit	ISBN.0978—93-84898-78-6	January, 2015
7	Manthan International Journal	Applying Buddhist Principles for the Age of Social Media	ISSN.0974-7141	January, 2015
8	Globalization and its Impact on Management and IT	The Spiritual Approach in Global Economics: A Discourse of	ISBN.978-93-80494-98-2	January, 2015

DEPARTMENT OF APPLIED BUDDHIST STUDIES

		Buddhist Economy		
9	Mind Management for Management	Vipassana Management: A Discourse of Buddhist Psychology and Management	ISBN.978-93-84898-51-9	November, 2014
10	Embracing the other	Gandhi and Mahayana Buddhism	ISBN. 978-93-83842-88-9	October, 2014
11	IMS Noida Journal	Applying Buddhist Principles for the Age of Social Media	ISBN. 978-81-921148-4-2	October, 2014
12	Changing Global Economic Perspectives	Buddhist Perspective on Globalization and Sustainability	ISBN. 978-81-921148-	October, 2014
13	The Importance of promoting Buddhist Education (Vietnam Buddhist University series)	Opportunities and Challenges for Buddhist Education and Pedagogy in India and Europe	Vietnam Buddhist University Publication, Phu Nhuan, TP,HCM, VIETNAM	May, 2014
14	International Research Journal of Arts and Education	Role of Vipassana on Buddhist Education	ISSN. 2349-1353	June, 2014
15	Review of HRM	Impact of Vipassana on Organizational Behaviour: A Buddhist Discourse	ISSN: 2249-4650	Vol.3, April, 2014
16	Nalanda (Buddhism and Indian Cultural Journal)	Conflict Resolution in Buddhist Perspective	ISSN. 2320-7264	XLVIII-XLIX, May, 2014
17	XV International	Education and Learning: A	ISSN No.2348-9876	January, 2014

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

	Conference Proceedings	Buddhist Perspective		
1 8	Global Journal of Management and Business Studies	Vipassana and Business Management	ISSN. 2248-9878	Vol.3, November, 2013
1 9	Human Rights International Journal	The Buddhist Message for Global Peace	ISSN 2320-6942	Vol2., Issue .2 October ,2013
2 0	Global Academic Research Journal	Buddhist Perspective on Education	ISSN: 2347-3592	Vol. I, Issue .I , October, 2013
2 1	International Journal of Multidisciplinary Sciences and Research	Buddhism and Animal Experimentation	ISSN. 2321-4872	Vol. II, Issue. I, August, 2013
2 2	Research Expo(International Multidisciplinary Research Journal)	Buddhist Bioethics in 21st Century	ISSN No.2250-1630	Vol.III, Issue.III, September, 2013
2 3	International Research Journal Review of Research	Buddhist Perspective on Cloning	ISSN-2249-894X	Vol. Ii, Issue XII, September, , 2013
2 4	Indian Streams Research Journal(International Multidisciplinary Research Journal0	Buddhism and Organ donation	ISSN 2230-7850 (Impact Factor.0.2105)	Vol.3, Issue-8, September, 2013
2 5	Golden Research Thoughts (International Multidisciplinary Research Journal)	Buddhism and Surrogate Parenting System	ISSN No.2231-5063 (Impact Factor.1.2018)	Vol.3, Issue.3, September, 2013
2 6	Indian Stream s Research Journal (International	Buddhist Approaches to Mental Health	ISSN No. 2230-7850 (Impact Factor.0.2105)	Vol.3, Issue-7, August- 2013

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

	Multidisciplinary Research Journal)			
2 7	International Multidisciplinary Research Journal Golden Research Thoughts	Buddhist Critical Thinking Skills	ISSN No.2231-5063 (Impact Factor.1.2018)	Vol.III, Issue .II August, 2013
2 8	International Research Journal Review of Research	A Buddhist Perspective on Animal Rights	ISSN-2249-894X	Vol. III, Issue XI August, 2013
2 9	International Journal of Educational Aspects, Management Studies and Applied Sciences	The Buddhist Attitude Towards Nature	ISSN 2320-0383	July, 2013
3 0	Business Sciences International Research Journal	Buddhist Economics and Business in Global Perspective	ISSN 2321-3191	June, 2013
3 1	MGNIRSA Souvenir	Buddhism and Hinduism Comparison and Contrast with Special Reference to Vedanta	Seminar Proceeding	June, 2-13
3 2	Journal of Politics and Governance	Buddhism in a Democratic world	ISSN-2278-473X	June, 2013
3 3	The Public: Problem and Solution (International)	Buddhist Economics and Business Law in Global Perspective	ISSN-2320-4540	March, 2013
3 4	Adhikar (International)	Buddhism and Practice of Law in Global Perspective	ISSN-2231-2552	April.2013

DEPARTMENT OF APPLIED BUDDHIST STUDIES

3 5	15 days (International Peer Reviewed)	Business and Buddhist Ethics in Global Scenario)	ISSN- 2249-605X	April.2013
3 6	Sucharitha	Buddhism and politics	ISSN: 2319-4235	Vol.1, Issue1, Feb-April 2013
3 7	Human Rights International Journal	The Status of Women in Buddhism with special reference to Equality, Freedom and Empowerment	ISSN 2320-6942	Vol.1 Issue.1 March,2013
3 8	International Journal of Multidisciplinary Educational Research	Spirituality and Buddhism	ISSN: 2277-7881	Vol.2 Issue 4 (1) March,2013
3 9	International Journal of Management and Behavioural Sciences	ICT and Buddhist Education with special reference to Applied Buddhism	ISSN No.2278-5671	Vol.3 March,2013
4 0	Review Of Research (International)	The Concept of Self in Early Buddhism With Special Reference to Nagarjuna	ISSN-2249-894X	Vol.2 Issue.8 February,2013
4 1	Golden Research Thoughts (International)	Sila: The Foundation of Buddhist Ethics and Mind	ISSN No.2231-5063	Vol.2 Issue.8 February 2013
4 2	Research Spectrum	Buddhism and Human Rights with Special Reference to Dhamma	ISSN 0976-5964	February, 2013
4 3	Indian Society :Issues and Problems	Buddhism and Social Responsibility: The Status of Women in	ISBN.978-81-87364-49-8	January, 2013

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

		Buddhism		
4 4	Themis (International)	Buddhism and Environmental Law	ISSN-2276-4020	January, 2013
4 5	Research Journal of Social and Life Sciences (Internatonal)	The Importance of Peace and Mind with Special Reference to Buddhist Philosophy	ISSN 0973-3914	December, 2012
4 6	QUEST International Multidisciplinarily Research Journal	Buddhism and Economics: An Analysis and Reflection	ISSN No. 2278-4497	December, 2012
4 7	Indian Streams Research Journal (International)	ICT And Buddhist Ethics: Comparison and Contrast	ISSN No.2230-7850	December, 2012
4 8	International Journal of Multidisciplinarily Educational Research	The Significance of Women in Buddhism	ISSN: 2277-7881	November, 2012
4 9	Perspectives on Quality Enhancement in Higher Education	Peace Education with Special Reference to Buddhist Psychology	ISBN.978-81-8387-536-3 (Serials Publications, New Delhi)	October,20 12
5 0	Golden Research Thoughts (International)	Buddhism in the Global Economy	ISSN – 2231-5063	October,20 12
5 1	Research Journal of Arts, Management and Social Sciences (International)	Brahmavihara and the Concept of Karuna	ISSN 0975-4083	September, 2012
5 2	Research Link	The Role of Kamma in Buddhist Ethics	ISSN 0973-1628	September, 2012
5 3	Research Analysis and Evaluation	Buddhism and Bio-ethics	ISSN 0975-3486	August,201 2

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

	(International)			
5 4	Shodh Samiksha Aur Mulyankan (International)	The Significance of Business Psychology and Ethics for Entrepreneurs	ISSN 0974-2832	August,2012
5 5.	Research Expo International Multidisciplinary Research Journal	Buddhism and Environmental Law	ISSN : 2250-1630	June, 2012
5 6	Research Link (International)	How to attain Peace: Comparison Between Lord Buddha and Vethathiri Maharishi	Journal Research Link, Indore, ISSN.0973-1628	July,2012
5 7	International journal of Multidisciplinary Educational Research(IJMER)	Moral Education with Special reference to Buddhist (Curriculum of education) Education	IJMER Publications, Visakha-A.P, ISSN No.2277-7881	June,2012
5 8	Research Journal of Social and Life sciences(International)	Buddhist Psychology and Economics: What it Means for Micro-finance	Gayathri Publications, Rewa-M.P ISSN No.0973-3914	June,2012
5 9	Shodh Samiksha Aur Mulyankan (International)	Moral Education with Special reference to Buddhist Meditation and Psychology	International Journal Jaipur, India ISSN No. 0974-2832	May, 2012
6 0	Research Analysis and Evaluation (International)	The significance of peace and mind with special reference to Buddhist Education	International journal Jaipur, India ISSN No.0975-3486	May,2012

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

6 1	Review Journal of Philosophy & Social science (International)	ICT AND EDUCATION WITH SPECIAL REFERENCE TO BUDDHISM	ISSN : 0258-1701	Vol 37,No.2 June, 2012
6 2	Contemporary Research in India (International)	THE TEACHINGS OF BUDDHISM WITH SPECIAL REFERENCE TO NAGARJUNA	ISSN.2321-2137 (Multi-disciplinary International Journal, Sholapur.)	Vol.2 ISSUE.1 March,201 2
6 3	Research Journal of Philosophy and Social Sciences (International)	CONFLICT AND PEACEWITH SPECIAL REFERENCE TO BUDDHIST PSYCHOLOGY	ISSN: 0048-7325 (Journal Anubooks Meerut)	Vol.38 No.1 FEB.2012
6 4	Research Journal of Philosophy and Social Sciences (International)	The Spiritual Approach of Buddhist Ethics for Common Man	ISSN: 0048-7325	Vol.38 No.1 FEB.2012
6 5	Review Journal of Political Philosophy (International)	Buddhist Message for World Peace	0976-3635(Journal Anu Books)	October,20 11 Vol.8 No.2
6 6	Journal of Global Values (International)	Mind and Peace: their interrelationship in the psychology of Buddha	0976-9447 (Anu books Publishers)	Vol.-II – No.2 October 2011
6 7	Contemporary Research in India (International)	Value Education with special Reference to Buddhist Psychology	2231-2137 (Contemporary research in India Journal.)	Volume I, Issue 3 September 2011
6 8	Review Journal of Philosophy and Social Science (International)	The Psychological and Spiritual Approach of Lord Buddha	0258-1781(Journal Anu Books)	November 2011

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

		and Vethathri Maharishi		
6 9	<i>The International Journal of Research and Review in Pharmacy and Applied sciences (International)</i>	Diagnosis and Treatment a psycho-philosophical appraisal	2249-1236 http://ijrrpas.com/wp-content/uploads/2011/12/DIAGNOSIS-AND-TREATMENT-OF-DISEASES-A-PSYCHO-PHILOSOPHICAL-APPRAISAL.pdf	November, 2011
7 0	Performance of the Micro Finance Sector in India	Psychology and Economics: What It Means for Self Help Groups	Seminar Proceedings	July, 2011
7 1	English for Specific Purposes	Mysticism and Language	81-7851-092-8(Prestige Publications, New Delhi)	July, 2011
7 2	Souvenir of Kala Chakra	Buddhism in 21st Century	Souvenir Published by Govt.of A.P	2006
7 3	Indian Council of Philosophical Research	Bramhavihara and the concept of karuna	J.I.C.P.R New Delhi	2006

Dr. Arvind Kumar Singh

1. Singh, Arvind Kumar, 2015. “*Relevance of Buddhist Doctrines to the Solution of Religiously Motivated Violence (Terrorism)*”. In the proceedings of an International Buddhist Conference on the United Nations Day of Vesak 2015 on the theme “*Buddhism and World Crisis*” UNDV Conference Volume published by ICUNDV & Mahachulalongkornrajavidyalaya University, Bangkok, Thailand, held from May 27-31, 2015.

Available on

http://www.undv.org/vesak2015/paper/relevance_of_buddhist.pdf

2. Singh, Arvind Kumar, 2015. “*Brahma Vihara and Humanism: A Buddhist Perspective*” in the proceedings of International Conference on Religious Tolerance and Harmony held from April 22-23, 2015 at Buddhist and Pali University of Sri Lanka, eds. Ven. Dr. Panahaduwe Yasassi Thero & Ven. Dr. Witharandeniya Chandasiri Thero, Sri Lanka, 2015: 92-107. ISBN **978-955-9373-12-4**
3. Singh, Arvind Kumar, 2014. “*Buddhist Social Ethics of Spirituality: A Way to Counter Social Evils*” in ed. Shiva Nath Singh and R. C. Sinha, *The Philosophical Quest, a Bilingual and Bi-Annual Philosophical Journal*, Vol. 3, Part II, July-December, 2014: 118-136. ISSN-2319-4634.

4. Singh, Arvind Kumar. September, 2014. *Buddhist Heritage of Bodh Gaya: Pilgrimage and Religious Diaspora*, in the *Dhammadoot*, Vol. 80, ed. Seewalee Thero, Ven. P., Kumar, Bimalendra & Prasad, Ramesh, Sarnath: Mahabodhi Society of India, 2014: 8-21. **ISSN: 2347-3428**
5. Research papers published on The **Chinese Buddhist Encyclopedia** are as follows:
 - a. Buddhist Ethics and Environmental Concerns (http://www.chinabuddhismencyclopedia.com/en/index.php/Buddhist_Ethics_and_Environmental_Concerns)
 - b. Buddhist Heritage of Bodh Gayā: Pilgrimage and Religious Diaspora (http://www.chinabuddhismencyclopedia.com/en/index.php/Buddhist_Heritage_of_Bodh_Gay%C4%81:_Pilgrimage_and_Religious_Diaspora)
 - c. Buddhist Tradition and Problems of Global Warming: Relevance and Response (http://www.chinabuddhismencyclopedia.com/en/index.php/Buddhist_Tradition_and_Problems_of_Global_Warming:_Relevance_and_Response)
 - d. Conflict Resolution and Peaceful Society: A Buddhist View (http://www.chinabuddhismencyclopedia.com/en/index.php/Conflict_R esolution_and_Peaceful_Society:_A_Buddhist_View)
 - e. Origin and Development of Buddhist Education System: A Brief Survey (http://www.chinabuddhismencyclopedia.com/en/index.php/Origin_and_Development_of_Buddhist_Education_System:_A_Brief_Survey)
Singh, Arvind Kumar. 2014. "*The Buddhist Attitude towards Wealth*" in the '*The Ocean of Buddhist Wisdom*' ed. Sharma, S. P. and Labh, Baidyanath. Delhi: New Bhartiya Book Corporation. August 2014: 355-371. **ISBN: 978-81-8315-233-4**
6. Singh, Arvind Kumar, 2014. *World Peace and Conflict Resolution: A Solution from Buddhist Point of View*. Paper published in the proceedings titled "Buddhist Contribution to Global Peace-Building" ed. Most Ven. Dr. Thich Nhat Tu and Most Ven. Dr. Thich Duc Thien of the 11th United Nations Day of Vesak Celebrations and Conference in Vietnam 2014 on the theme Buddhist Perspective towards achieving the UN Millennium Goals organized by the National Vietnam Buddhist Sangha (NVBS) in Ninh Binh Province, Vietnam from May 7-11, 2014: 89-116. **ISBN 978-604-61-1164-1**
7. Singh, Arvind Kumar, Septembr 2013. *Re-discovering the Lost Glory of Nalanda: An Indian Renaissance*. Paper published in *Vijjavimutti* ed. Ven. Dr. Rangama Chandawimala Thero, published Mangala Vihara for Buddhist and Pali College, Singapore, September 2013: 98-112. ISBN – 978-981-07-8574-1
8. Singh, Arvind Kumar, 2013. *The Cham Culture of Vietnam: Tracing the Indian Routes*. Paper published in the proceedings of 2nd International Conference on Indian Imprints on Vietnam-Southeast Asia Interactions on

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

3rd October, 2013, organized by Faculty of Oriental Studies, University of Social Sciences and Humanities, Vietnam National University – Ho Chi Minh City, Vietnam.

9. Singh, Arvind Kumar. 2013. “*Schism in Early Buddhist Samgha and Role of Devadutta as Depicted in the Pāli Tīpiṭ akas*”. In Chinese Buddhism Encyclopedia which is available on:
[http://www.chinabuddhismencyclopedia.com/en/index.php/Schism in Early Buddhist Sangha and Role of Devadatta as Depicted in the Pali Tipitaka by Dr. Arvind Kumar Singh](http://www.chinabuddhismencyclopedia.com/en/index.php/Schism_in_Early_Buddhist_Sangha_and_Role_of_Devadatta_as_Depicted_in_the_Pali_Tipitaka_by_Dr._Arvind_Kumar_Singh)
10. Singh, Arvind Kumar. 2013. Two entries viz.
 - a. *Taranatha*
 - b. *Funeral in Buddhism (under process)*accepted for publication in *Encyclopedia of Indian Religions*, ed. Prof. Arvind Sharma, Springer: Netherland, 2013. (Under publication).
11. Singh, Arvind Kumar, 2013. “*Economics of Wealth Management as Depicted in Pāli Buddhist Literature*”, in the Sri Lankan International Journal of Buddhist Studies, (ed.) Suvimalee, Bhikkhuni, Sri Lanka: Sri Lanka International Buddhist Academy: 2013.
12. Singh, Arvind Kumar, 2012. “*Buddhist Ethics: A Way to Counter Environmental Crisis in the Age of Globalization*” in the International Journal of Buddhist Studies named ‘*Sangayana*’, Vol. I, Pali Language & Literature Research Council, Kushinagar, UP: 5-14. ISSN 2319-6343
13. Singh, Arvind Kumar, 2011. “*Buddhist Sects in Ancient India: An Examination of Their Origins*” in Proceedings of the Conference on the theme ‘Buddhist Canon(s) and Early Mahayana Buddhism’ organized under the banner of Asian Buddhist Forum by National Taiwan University, Taipei, Taiwan, Fo Guang University, National Chengchi University, Taiwan in support of ICCR, India and Ministry of Foreign Affairs, R.O.C., Taiwan from December 8-13, 2011: 96-110.
14. Singh, Arvind Kumar, 2011. “Devadatta and Buddhism: A Re-Examination” in Chung Hwa Journal of Buddhist Studies, Taiwan, ROC. (Under Publication).
15. Singh, Arvind Kumar, 2011. “Buddhist Perspective on Equality”, in the Sri Lankan International Journal of Buddhist Studies, (ed.) Suvimalee, Bhikkhuni, Sri Lanka: Sri Lanka International Buddhist Academy: 137-164.
16. Singh, Arvind Kumar, 2011. “Buddhist Concerns and its Solution to Economic Crisis” in Gyanaprabha (Ven. Pategama Gnanarama Felicitation Volume), ed. Thero, Rangama Chandawimala, Singapore: Buddhist College of Singapore: 195-204.
17. Singh, Arvind Kumar. 2011. Four entries viz.
 - a. Bodhgaya,
 - b. Sarnath,
 - c. Bodhi Tree and
 - d. Anuruddhaaccepted for publication in *Encyclopedia of Indian Religions*, ed. Prof.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Arvind Sharma, Springer: Netherland, 2011. (Under publication).
18. Singh, Arvind Kumar. 2011. Buddhism and Deep Ecology: An Appraisal. In the proceedings of an International Buddhist Conference on the United Nations Day of Vesak on the theme “Buddhist Virtues in Socio Economic Development” UNDV Conference Volume published by ICUNDV & Mahachulalongkornrajavidyalaya University, Bangkok, Thailand, held from May 12-14, 2011: 413-427. ISBN : 978-974-364-960-8
 19. Singh, Arvind Kumar, 2011. Rediscovering the Lost Glory of Nalanda: An Indian Renaissance. Presented at National Seminar on “Heritage of Nalanda: Icons and Symbols; Thoughts and Literature” organized by Nav Nalanda Mahavihar, Nalanda, Bihar held from February 11-13, 2011. (Accepted for publication in the proceedings of the seminar).
 20. Singh, Arvind Kumar. 2010. Global Concern to Climate Change: A Buddhist Response. In the proceedings of an International Buddhist Conference on the United Nations Day of Vesak on the theme “Global Recovery: A Buddhist Perspective” UNDV Conference Volume published by ICUNDV & Mahachulalongkornrajavidyalaya University, Bangkok, Thailand, held from May 23-25, 2010: 14-26. ISBN 978-974-364-892-2
 21. Singh, Arvind Kumar. 2009. “The Concept of Devine in Buddhist Tradition”. Half Yearly Journal of Commission for Inter Religious Dialogue named ‘Fellowship’, July, 2010. (Accepted for Publication).
 22. Singh, Arvind Kumar, 2010. “Dissent in Early Buddhism with Special Reference to Devadatta”, in the ‘The Ocean of Buddhist Wisdom’ Volume V, ed. Sharma, S. P. and Labh, Baidyanath. Delhi: New Bhartiya Book Corporation.
 23. Singh, Arvind Kumar. 2010. “The First Buddhist Council as Depicted in Different Accounts” in the ‘Buddhist Studies’ Volume XXXVII, ed. Bhikshu, Satyapala. 132-149. Delhi: University of Delhi.
 24. Singh, Arvind Kumar. trans. 2010. “Glorious History of the Department”. In the ‘Buddhist Studies’ Volume XXXVII, ed. Bhikshu, Satyapala. iii-ix. Delhi: University of Delhi.
 25. Singh, Arvind Kumar. trans. 2010. “Call for Papers for National Conference on Buddhist Councils (Sangiti-): Perspectives and Prospects” in the ‘Buddhist Studies’ Volume XXXVII, ed. Bhikshu, Satyapala. x-xii. Delhi: University of Delhi.
 26. Singh, Arvind Kumar. trans. 2010. “Report on the National Seminar on Buddhist Councils (Sangiti-): Perspectives and Prospects” in the ‘Buddhist Studies’ Volume XXXVII, ed. Bhikshu, Satyapala. xiii-xviii. Delhi: University of Delhi.
 27. Singh, Arvind Kumar. 2009. “Environmental Concern and Asoka’s Dhamma Policy: Its Relevance in the Modern World” in the ‘The Ocean of Buddhist Wisdom’ Volume IV, ed. Sharma, S. P. and Labh, Baidyanath. 382-394. Delhi: New Bhartiya Book Corporation.
 28. Singh, Arvind Kumar. 2009. “Buddhist Ethics: An Overview” In the ‘Buddhist Studies’ Volume XXXVI, ed. Bhikshu, Satyapala. 157-171. Delhi: Department of Buddhist Studies, University of Delhi.

- 29.** Singh, Arvind Kumar. 2009. "Buddhist Festivals". Half Yearly Journal of Commission for Inter Religious Dialogue named 'Fellowship', Vol. 17 No. 1. 4-6. January, 2009.
- 30.** Singh, Arvind Kumar. 2008. "Samghabheda at the time of the Buddha". In the 'Buddhist Studies' Vol. XXXV. ed. Bhikshu, Satyapala. 78-91. November, 2008. Delhi: Department of Buddhist Studies, University of Delhi.
- 31.** Singh, Arvind Kumar. 2008. 'Relevance of Buddhism in Attaining World Peace' In the "War Conflict and Healings: A Buddhist Perspectives" ed. That, Le Manh and Tu, Thich Nhat. 53-62. Ho Chi Minh City, Vietnam: Vietnam Buddhist University (The Religion Publisher).
- 32.** Singh, Arvind Kumar. 2008. "Schism in Samgha during the time of the Buddha". In the 'Gyanayani' Vol. IV, No. 4., 359-374. Lucknow (India).
- 33.** Singh, Arvind Kumar. 2008. "Guru Padmasambhava and Introduction of Buddhism in Sikkim'. In the Buddhist Studies, Vol. XXXIV, ed. Bhikshu, Satyapala. 55-69. Delhi: Department of Buddhist Studies, University of Delhi.
- 34.** Singh, Arvind Kumar. 2007. A paper titled "Tracing the Signs of Buddhism in Modern Punjab". In the 'Buddhist Studies' Vol. XXXIII, ed. Bhikshu, Satyapala. 59-66. Delhi: Department of Buddhist Studies, University of Delhi.
- 35.** Singh, Arvind Kumar. 2007. "Buddhist Attitude towards Euthanasia in Early Buddhism". In the 'Buddhist Studies' Vol. XXXII, Ed. Bhikshu, Satyapala. 163-182. Delhi: Department of Buddhist Studies, University of Delhi.
- 36.** Singh, Arvind Kumar. 2007. "The Dhammapada and its Eternal Message". In the Buddhist Studies. Vol. XXXI, Ed. Bhikshu, Satyapala. 140-147. Delhi: Department of Buddhist Studies, University of Delhi.
- 37.** Singh, Arvind Kumar. 2007. 'Relevance of Buddhism in Attaining World Peace'. In the Samskriti Sandhan, Vol. XX, No. 2, July-December, 2007. ed. Yadav, Jhinkoo. 238-245. Varanasi: National Research Institute of Human Culture.
- 38.** Singh, Arvind Kumar. 2007. A write up titled "The Dhammapada". In the 'Fellowship', Vol. 15, No. 2. 14 & 17, New Delhi: Commission for Inter Religious Dialogue.
- 39.** Singh, Arvind Kumar. 2006. "Abortion and Buddhism". In the Buddhist Studies, Vol. XXX, ed. Bhikshu, Satyapala. 138-147. Delhi: Department of Buddhist Studies, University of Delhi.
- 40.** Singh, Arvind Kumar. 2006. "Origin and Development of Maitreya Buddha Cult in Buddhism" In the Buddhist Studies, Vol. XXXIX. ed. Bhikshu, Satyapala. 90-97. Delhi: Department of Buddhist Studies, University of Delhi.
- 41.** Singh, Arvind Kumar. 2006. "The Concept of Reality in Buddhist Philosophy". In the Buddhist Studies, Vol. XXVIII, ed. Bhikshu, Satyapala. 181-189. Delhi: Department of Buddhist Studies, University of Delhi.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

42. Singh, Arvind Kumar. 2002. "Animals in Buddhism". In the 'Signification in Language and Culture' ed. Gill, H. S., Shimla (Himachal Pradesh): Indian Institute of Advance Study. p. 437-443.
43. Singh, Arvind Kumar. 2000. "Buddhism and Natural World: An Analysis and Reflection". In the 'Buddhist Studies' Vol. XX, ed. Bhikshu, Satyapala. 89-98. Delhi: Department of Buddhist Studies, University of Delhi.
44. Singh, Arvind Kumar. 2000. "The Naga in Early Indian Buddhism". In the 'Sambodhi' ed. Mahathera, Rashtrapala. 56-61. Bodh Gaya: Mahabodhi Society of Bodh Gaya.

Dr. Priyasen Singh

1. A Research Article entitled "Celibacy: The Scientific Buddhist Approach towards the Solution of the present day problems of the World" is published in the Journal of Bodhgaya Temple Management Committee – Prajna.
2. A Research Article entitled "Buddha Dharma ke Pracara-Prasara mein Bhasantarana ka Yogadana" is published in the Sangayana, The International Journal of Buddhist Studies" Vol. 1, October 2012, ISSN:2319-6343 published by Pali Language & Literature Research Council, Wardha, Maharashtra.
3. A Research Article entitled "Buddha Dharma mein Nihit Prashasanika Tatva is published in the Magazine "Nalanda", Journal of Deptt. of Pali, Calcutta University, Calcutta.
4. A Research Article entitled "Bodhisattva Doctrine and Socially Engaged Buddhism: An Introspection" is published in Dharmaduta, a special Volume on 150th Birth Anniversary of Anagarika Dhammapala, Vol. 80, September 2014 published by Maha Bodhi Society of India, Sarnath, Varanasi, ISSN:2347-3428.

Annexure- II

Dr. Arvind Kumar Singh

Singh, Arvind Kumar, 2006, *Animals in Early Buddhism*. Delhi: Eastern Book Linkers.

ISBN: 81-7854-094-0.

Singh, Arvind Kumar & Sarao, K. T. S., trans. 2006, *A Text Book of the History of Theravada Buddhism* (Revised Edition), Delhi: Vidya Nidhi Prakashan. ISBN: 81-86700-66-8

Singh, Arvind Kumar & Jha, L. K., trans. 2007, *Researches in Buddhist Studies: A Descriptive Bibliography*. Delhi: Department of Buddhist Studies, University of Delhi.

Singh, Arvind Kumar, 2009, *Buddhism in Far East Asia*. New Delhi: M. D. Publication Pvt. Ltd. ISBN: 978-81-7533-165-5

Singh, Arvind Kumar, 2009, *Buddhism in Southeast Asia*. New Delhi: M. D. Publication Pvt. Ltd. ISBN: 978-81-7533-166-2.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

Singh, Arvind Kumar, 2009, *Buddhism in South Asia*. New Delhi: M. D. Publication Pvt. Ltd. ISBN: 978-81-7533-167-9.

Dr. Anand Singh

- Buddhism at Sārnāth (Primus Publications, Delhi, ISBN: 978-93-80607-74-0, 2014)
- Tourism in Ancient India (Serial Publications, Delhi (ISBN. 81-86771-95-6, 2005)
- Pracheen Bhartiya Dharma (Hindi Madhyam Karyanvay Nideshalaya, Delhi, ISBN.978- 93-80172-21-7 2010
- *Dāna* - Patronage & Reciprocity in Buddhism (ed.-Under Publication)
- Ecological Consciousness in Buddhism (Under Publication)

Dr.Ch Venkata Sivasai

Sl. No.	Author(s)	Year	Book Title and/or chapter title	ISBN/ISSN No.	Publisher
1	Dr.Ch Venkata Sivasai	2006	<i>Compassion and Peace in Buddhism</i>	ISBN-81-8411-022-7	Sonali Publications, New Delhi.
2.	Dr.Ch. Venkata Sivasai	2013	Some facets of Buddhism in Modern world	ISBN-978-81-7854-242-3	Eastern Book linkers Pvt.Ltd. New Delhi
3	Dr.Ch. Venkata Sivasai	2013	Wittgenstein and Buddhist Ethics	ISBN.978-81-8411-499-7	Sonali Publications, New Delhi
4	Dr.Ch. Venkata Sivasai	2014	Buddhism and Bioethics	ISBN. 978-81-7844-167-2	K.K. Publications,, New Delhi
5	Dr. Ch. Venkata Sivasai	2014	Buddhism: A Practical Psychology	ISBN.978-81-7854-270-6	Eastern Book linkers Pvt .Ltd. New Delhi
6	Dr.Ch. Venkata Sivasai	2014	Buddhist Education: Theory and Practice	ISBN.978-93-80565-46-0	Prashant Publishing House, New Delhi
7	Dr.Ch. Venkata Sivasai	2015	A Hand book for an Indian Philosophy	ISBN. 978-93-80565-61-3	Prashant Publishing House, New Delhi
8	Dr. Ch.	2015	Vipassana: A	ISBN. 978-	Prashant

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

	Venkata Sivasai		Method for Mind Training	93-80565-62-0	Publishing House, New Delhi
--	--------------------	--	-------------------------------------	---------------	-----------------------------------

Dr. Gyanaditya Shakya

- Shakya, Gyanaditya, **Bauddha Dharma Darshana Mein Brahma-Vihāra Bhāvanā**, Ahmadabad: Reliable Publishing House, 2013. (ISBN No.: 978-81-922972-2-4)
- **Jinālaṅkāra (Ornamentation of Buddha)** (Ed. & Tr.) Gyanaditya Shakya, Ahmadabad: Reliable Publishing House, 2015. (ISBN No.: 978-81-929116-5-6)

Dr.Chandrashekhar Paswan

- **Bhartiya Sanskriti evam Dalit**, SabdaPrakashan, Ganesh Nagar Pandav Nagar Delhi, ISBN:978-81-926830-1-0 ,Published-2013

Dr. Manish T. Meshram

- **Meshram, Manish (2013) Bouddhadhamma main Bodhicharyavtar ki Darshan-mimansa**, Published by Reliable Publishing House, Ahmedabad, 2013, ISBN: 978-81-922-972-3-1.
- **Meshram, Manish(2013) Bouddh darshan ka Udbhav evam Vikas**, Published by Kaplana Prakashan(KK Publisher), New Delhi, 2013, ISBN: 978-8188790-25-8.

Dr. Priyadarshini Mitra

- Contribution of Bengal to Buddhism, *Mahabodhi book Agency*, Book list 2011
- Philosophy of Religion, Avenel Press

Dr. Priyasen Singh

1. Singh, Priyasen, ed. *Khuddaka Patha*, S. M. Publications, Delhi: 1987
2. Singh, Priyasen, ed. *Ambedkar on Buddhist Converstion and Its Impact*, Eastern Book Linkers, Delhi: 1990. ISBN: 10:0836428250
3. Singh, Priyasen, *Bharat Ke Pramukh Bauddha Tirtha Sthala*, Eastern Book Linkers, Delhi: 1993. ISBN: 81-85133-76-X
4. Singh, Priyasen, *Bharat Ke Bauddha Tirtha Sthala*, Publication Division, Govt. of India, Delhi: 1994. ISBN: 81-230-0180-0
5. Singh, Priyasen, *Sugata Stava Samgraha*, Samyak Prakashan, Paschim Puri, Delhi: 2008
6. Singh, Priyasen, ed. *Vinaya Pitaka*, Samyak Prakashan, Delhi: 2009

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

7. Singh, Priyasen, *Pali Paricaya*, Samyak Prakashan, Paschim Puri, Delhi: 2011
8. Singh, Priyasen, *A Friends Letter of Nagarjuna (Acarya Nagarjuna's Krta Suhralalekha)*, Rashtriya Sanskrit Sansthan (Deemed University), New Delhi: 2012: ISBN 978-93-86111-84-5
9. Singh, Priyasen, *Ambedkarbhima Satkam*, written by Prof. Shanti Bhiksu Shastri, Rashtriya Sanskrit Sansthan (Deemed University), New Delhi: 2012. ISBN 978-93-82091-08-0
10. Singh, Priyasen, *The Spirit of Buddhism*, written by H.S.Gaur, New Bharatiya Book Corporation, Delhi: 2012: ISBN: 978-81-8315-204-4

Annexure- III

Dr. Anand Singh

- ❖ Delivered lecture on ‘Research Methodology in Buddhist Studies’ in Department of Pali, University of Calcutta, 15 January, 2015
- ❖ Presented paper ‘The Mahaviharas of Bengal: Identity, Patronage, and Dissemination ’ in International seminar *Revival of Theravada Buddhism in Bengal* organized by Kolkata University, 13-14 January, 2015
- ❖ Presented paper ‘Aurel Stein’s Exploration of Buddhist Sites: Introspecting his Contribution’ in national seminar *Contemporary Buddhist Thinkers*, Jadavpur University, 9-10 January, 2015
- ❖ Presented paper ‘Environmental Consciousness in Jainism: Exploring Realities, Constraints & Traditions’ in Indian History Congress. JNU, New Delhi, 28-30 December, 2014
- ❖ Presented paper ‘Environmental Values in Buddhist Ethics: Exploring Dynamics and Possibilities’ in U.P. History Congress, VBS Purvanchal University, Jaunpur, 15-16 November, 2014
- ❖ Presented paper ‘Ecology, Acculturation and Globalization: Gleaning Buddhist Communities of Ladakh’ at Indian Institute of Advanced Studies, Shimla, 27-28 May, 2014
- ❖ Presented paper ‘Consumerism, Profit and Buddhist Economics: Realities & Constraints’ in International Conference Understanding Dr. Ambedkar’s Concept of Dhamma: Transforming Self & Society, BBAU, Lucknow, 14-15 April, 2014
- ❖ Delivered Lecture in International Conference on Buddhist Heritage organized by Odisha Tourism, Udyagiri, 1-3 February, 2014
- ❖ Presented paper ‘Bodhisattva’s Body Sacrifice: Tracing Tradition in Literature & Art’ in Indian History Congress, Ravenshaw University, Cuttack, 28-30 December, 2013.
- ❖ Presented Paper ‘Dynamics of Buddhist Education: The Mahayana Context’ in conference organized by Central Institute of Buddhist Studies, Ladakh, 1-4 July, 2013
- ❖ Delivered lecture ‘Engaged Buddhism: Locating Space in Asian Context’ at Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata 3, June, 2013
- ❖ Presented paper ‘Deep Ecology: Buddhist Perspective & Modern Issues’

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in International Conference ‘Buddhist Heritage of Odisha in The Global Perspective’, Udyagiri, Odisha, 1-3 February 2013.

- ❖ Presented paper ‘Transition and Transformation in Endowments, Patronage and Donations in Early Buddhism’ in Indian History Congress, Mumbai, 28-30 December, 2012
- ❖ Presented paper ‘Nature as Described by Bhikkhunis in Therigatha’ in ISBS conference, Dehradun, 2-4 November, 2012.
- ❖ Presented paper ‘Destruction and Decline of Nālandā Mahavihara’ in conference in Nava Nalanda Mahavihara, 12-14 February, 2012.
- ❖ Presented paper ‘Dhammayatas of Asoka: An Introspection on the Buddhist patronage’ In ISBS conference, 16-18, September, 2011.
- ❖ Presented paper ‘The Nine Missions & Inroads of Buddhism in Sri Lanka: An Introspection’ in International conference organized by Department of Buddhist Studies, University of Delhi, 7-9 October, 2011.
- ❖ Presented paper ‘Eco-Friendly Concerns in Buddhist Gatha Text: An Aesthetic Appreciation of Nature’ in Indian History Congress, Gaur Banga University, Malda, 11-13 February, 2011
- ❖ Presented paper ‘Homogenization of Culture and Global Interdependence: A Buddhist Perspective’ in International Conference on Buddhism & Globalization, University of Delhi, 17-19 February, 2010
- ❖ Presented paper ‘Dhamma Cakkappavattanacakka: Genesis, Symbolism and Cosmic Order’ in International Conference organized by Indian Archaeological Society, Lucknow, 28-30 December, 2010

Dr. Arvind Kumar Singh

1. Singh, Arvind Kumar, 2015. Paper entitled “*Relevance of Buddhist Doctrines to the Solution of Religiously Motivated Violence (Terrorism)*” presented at an International Buddhist Conference on the United Nations Day of Vesak 2015 on the theme “*Buddhism and World Crisis*” UNDV Conference Volume published by ICUNDV & Mahachulalongkornrajavidyalaya University, Bangkok, Thailand, held from May 27-31, 2015.
2. Singh, Arvind Kumar, 2015. “*Brahma Vihara and Humanism: A Buddhist Perspective*” in the proceedings of International Conference on Religious Tolerance and Harmony held from April 22-23, 2015 at Buddhist and Pali University of Sri Lanka, eds. Ven. Dr. Panahaduwe Yasassi Thero & Ven. Dr. Witharandeniya Chandasiri Thero, Sri Lanka, 2015.
3. Singh, Arvind Kumar & Kumar, Chandan, 2015. Paper entitled

“*Bioethical Issues and Stem Cell Research: Based on Pāli Literature*” presented in National Seminar on the theme ‘Pali Language and Literature: Modern Perspective’ organized by Department of Pali, Nava Nalanda Mahavihar, Deemed to be University, Nalanda, Bihar from March 18-20, 2015.

4. Singh, Arvind Kumar, 2015. Paper titled *Buddhist Education: Focus on Traditional Methodology for Modern Relevance* presented in “The 8th ICSSR-NRCT Joint Seminar on *Comparative Perspective on Religion and Social Change: Buddhism in Everyday Life in India and Thailand*” at Hotel Ambassador Ajanta, Aurangabad, Maharashtra, India from January 19-21, 2015.
5. Singh, Arvind Kumar, 2014. Paper titled *An Overview on Evolution of Buddhist Education System* presented at 14th Annual Conference of Indian Society for Buddhist Studies held from October 10-12, 2014 at Iswar Saran Degree College, Allahabad, UP.
6. Singh, Arvind Kumar, 2014. Paper titled *Buddhist Perspective on Animals as Depicted in the Dhammapada* presented at National Conference on the theme “Pali: Retrospect & Prospects” organized by Mahabodhi Society of India, Sarnath from September 16-17, 2014.
7. Singh, Arvind Kumar, 2014. Paper titled *World Peace and Conflict Resolution: A Solution from Buddhist Point of View* presented at 11th United Nations Day of Vesak Celebrations and Conference in Vietnam 2014 on the theme **Buddhist Perspective towards achieving the UN Millennium Goals** organized by the National Vietnam Buddhist Sangha (NVBS) in Ninh Binh Province, Vietnam from May 7-11, 2014.
8. Singh, Arvind Kumar, 2014. “*An Introductory Outline of Ancient Heritage Centers of Cham Art in Viet Nam*”. Paper presented in an International Conference on the theme ‘*The Cham Art Heritage of Vietnam: Ecological, Cultural and Art Historical Traditions*’ organized by Indira Gandhi Centre of Arts, New Delhi, India from April 25-26, 2014.
9. Singh, Arvind Kumar, 2014. *Economics of Wealth Management as Depicted in Buddhist Pali Literature: An Examination*. Paper presented in a National Conference on *Pali and Indian Culture* held from March 22-23, 2014 at School of Sanskrit Studies, Jawahar Lal Nehru University, New Delhi.
10. Singh, Arvind Kumar, 2014. *Buddhist Tradition and Problems of Global Warming: Relevance and Response*. Paper presented in 2nd International Conference on Dharma-Dhamma: Nature, Source and Relevance of Dharma-Dhamma Traditions organized by Centre for Study of Religion & Society (CSRS), India Foundation, New Delhi at Sanchi University of Buddhist-Indic Studies, Bhopal, Madhya Pradesh from February 28 to March 02, 2014.
11. Singh, Arvind Kumar, 2013. *The Cham Culture of Vietnam: Tracing the Indian Routes*. Paper presented at 2nd International Conference on **Indian Imprints on Vietnam-Southeast Asia Interactions** on 3rd October, 2013, organized by Faculty of Oriental Studies, University of Social Sciences

- and Humanities, Vietnam National University – Ho Chi Minh City, Vietnam.
12. Singh, Arvind Kumar, 2013. *The Bodhi Tree: A Symbolism of Buddhist Pilgrimage*. Accepted for presentation and publication at First International Conference on Pilgrimage and Relics organized by The Inter University Council members Université du Québec à Montréal, Canada and American College of Management and Technology, Croatia members to be held from May 23-26, 2013 at Dubrovnik, Croatia.
 13. Singh, Arvind Kumar. 2013. *Conflict Resolution and Peaceful Society: A Buddhist View*. Paper presented at three day International Symposium on “Buddhist Heritage of Odisha: Situating Odisha in Global Perspective” organized by Department of Tourism and Culture in association with Utkal University of Culture from February 1-3, 2013.
 14. Singh, Arvind Kumar. 2012. *Buddhist Social Ethics: A Way to Counter Social Evils*. Paper presented at an Annual Conference of Indian Society for Buddhist Studies held from November 2-4, 2012 at Doon University, Dehradun, Uttarakhand.
 15. Singh, Arvind Kumar, 2012. *Preservation of Buddhist Tradition at Bodhagaya through Royal Patronage (Dana)*. Presented the paper in an International Conference at Gautam Buddha University, Greater Noida held from September 7-9, 2012.
 16. Singh, Arvind Kumar, 2011. “*Buddhist Sects in Ancient India: An Examination of Their Origins*” in Proceedings of the Conference on the theme ‘Buddhist Canon(s) and Early Mahayana Buddhism’ organized under the banner of Asian Buddhist Forum by National Taiwan University, Taipei, Taiwan, Fo Guang University, National Chengchi University, Taiwan in support of ICCR, India and Ministry of Foreign Affairs, R.O.C., Taiwan from December 8-13, 2011.
 17. Singh, Arvind Kumar. 2010. *The Cham Culture of Vietnam: Rediscovering the Lost Civilization*. Paper presented at the *Buddhist Linkages in South and South East Asia: Prospects and Perspectives*, jointly organized by the Department of Buddhist Studies, University of Delhi, and Indian Council for Cultural Relation. Delhi, October 7-9, 2011.
 18. Singh, Arvind Kumar. 2011. *Buddhist Attitude towards Wealth*. Paper presented at an Annual Conference of Indian Society for Buddhist Studies in North Eastern Region held from September 16-18, 2011 at Chintan Bhawan, Gangtok, Sikkim.
 19. Singh, Arvind Kumar. 2011. *Buddhism and deep Ecology: An Appraisal*. Paper presented at an International Buddhist Conference on the United Nations Day of Vesak on the theme “Buddhist Virtues in Socio Economic Development” at Mahachulalongkornrajavidyalaya University, Main Campus, Wang Noi, Ayutthaya and United Nations Conference Centre, Bangkok, Thailand, held from May 12-14, 2011.
 20. Singh, Arvind Kumar, 2011. *Re-discovering the Lost Glory of Nalanda: An Indian Renaissance*. presented at National Seminar on “Heritage of Nalanda: Icons and Symbols; Thoughts and Literature” organized by Nav

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

Nalanda Mahavihar, Nalanda, Bihar held from February 11-13, 2011.

21. Singh, Arvind Kumar, 2010. *Buddhist Ethics and Environmental Protection: An Analysis and Reflection in the Age of Globalization*. Paper accepted for presentation in World Buddhist Conference to be jointly organized by the Vietnam Buddhist Sangha (VBS) and the Nembutsushu Sect of Buddhism, Japan, during the **Sixth Buddhist Summit** to commemorate the 1000 year Anniversary of Hanoi capital of Vietnam from November 20-25, 2010 at National Convention Center, Hanoi, under the patronage of the Vietnam Buddhist Sangha's Supreme Patriarch Council and the Government of the Socialist Republic of Vietnam. Postponed.
22. Singh, Arvind Kumar. 2010. *Global Concern to Climate Change: A Buddhist Response*. Paper accepted for presentation at an International Buddhist Conference on the United Nations Day of Vesak on the theme “Global Recovery: A Buddhist Perspective” at Mahachulalongkornrajavidyalaya University, Main Campus, Wang Noi, Ayutthaya and United Nations Conference Centre, Bangkok, Thailand, held from May 23-25, 2010.
23. Singh, Arvind Kumar. 2010. Presented a paper entitled “Buddhist Economics and Economic Crisis: A Study” at the *International Seminar on Buddhism and Globalization*, jointly organized by the Department of Buddhist Studies, University of Delhi, and Indian Council for Cultural Relation. Delhi, 17-19 February 2010.
24. Singh, Arvind Kumar. Attended an International Conference on *Buddhism in East Asia: Traditions, Changes and Challenges*, organized by Department of East Asian Studies, University of Delhi at Convention Centre, University of Delhi from February 12-13, 2010.
25. Singh, Arvind Kumar. 2010. *Buddhist Morality*. Paper presented at the 4th IASR National Conference on *Morality and Religion: Exploring Their Relationship*, organized by Indian Association for the Study of Religions (IASR) in association with Department of Philosophy, University of Delhi at Department of Philosophy, University of Delhi from January 29-30, 2010.
26. Singh, Arvind Kumar. 2009. Paper presented “*Environmental Concern and AṄoka’s Dhamma Policy: Its Relevance in the Modern World*” at an International Buddhist Conference on the United Nations Day of Vesak on the theme “*Buddhist Approach to Global Crisis*” held at *Bangkok, Thailand* at the Buddhamonthon Auditorium, Buddhamonthon, Nakhon Pathom, Mahachulalongkornrajavidyalaya University, Main Campus, Wang Noi, Ayutthaya and United Nations Conference Centre, Bangkok, Thailand, held from May 3 -7, 2009.
27. Singh, Arvind Kumar. 2009. Paper presented entitled “*Devadatta and Buddhism: A Re-Examination*” at International Seminar on “*Universal Message of Buddhism with special reference to Pāli Literature*” organized by Rashtriya Sanskrit Sansthan (Deemed University), New Delhi at Vigyan Bhawan, New Delhi from September 22-24, 2009.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

28. Singh, Arvind Kumar, 2009. Paper presented on “*Dissent in Early Buddhism with Special Reference to Devadatta*”, at 9th Annual Conference of Indian Society for Buddhist Studies, held at University of Kashmir, Srinagar from October 5-7, 2009. (Accepted for Publication)
29. Singh, Arvind Kumar, 2009. Presented a paper title “*Humanism and Buddhism: A Comparative Study in Modern Context*” at an International Conference on ‘Relevance of Buddhism in Human Welfare, Peace and Happiness’ held from May 9-10, 2009 organized by Buddhist Study Centre, Dau Dayal Mahila (P.G.) College, Firozabad, UP in collaboration with UGC.
30. Singh, Arvind Kumar, 2009. Participated the international panel discussion on “*What the Panditas and Yogis Brought to Tibet*” comprised of renowned scholars; Gene E. Smith, Former Director of American Library of Congress, Stephen Goodman of CIIS, John Dunne of Emory University and Jake Dalton of University of California, Berkeley hosted by The Khyentse Foundation and Siddhartha’s Intent India at IIC Annexe, New Delhi on March 13, 2009.
31. Singh, Arvind Kumar, 2009. Participated in a Seminar organized to celebrate World Women’s Day on the theme “*Women as the First Teacher*” organized by URI, North India Zone at Harijan Sevak Sangh on 8th March 2009.
32. Singh, Arvind Kumar, 2009. Participated in a National Seminar on the theme “*21st Century India and Challenges of Terrorism*” organized by Respect India, Delhi at Conference Centre, North Campus, University of Delhi on 7th March 2009.
33. Singh, Arvind Kumar, 2009. Attended a special Lecture by Geshe Dorji Damdul, religious Translator of His Holiness the Dalai Lama on the topic “Ontological nature of the reality and its relevance to the Buddha Nature” conducted by Department of Buddhist Studies, University of Delhi on March 5, 2009.
34. Singh, Arvind Kumar, 2009. Presented a paper titled “*Concept of Peace in Buddhism: In present World Scenario*” on March 4, 2009 in an International Conference on “*Buddhism as Peace-Maker in Post Modern SAARC*” held at India International Centre, Main Auditorium, Max Muller Marg, New Delhi held from March 4-5, 2009.
35. Singh, Arvind Kumar, 2009. Attended a special Lecture by Geshe Dorji Damdul, religious Translator of His Holiness the Dalai Lama on the topic “Introduction to the four classification of Tantra in Tibetan Buddhism” conducted by Department of Buddhist Studies, University of Delhi on March 3, 2009.
36. Singh, Arvind Kumar, 2009. Presented a paper entitled ‘*Background to the Origin of Early Buddhist Sects*’ at the National Seminar on “Origin and Development of Buddhist Sects: Their Cultural Identity and Cross Cultural Perspectives” organized by Department of Buddhist Studies, University of Delhi from February 6-7, 2009.
37. Singh, Arvind Kumar, 2009. Attended the international panel discussion

- on “*What the Panditas and Yogis Brought to Tibet*” comprised of renowned scholars; Gene E. Smith, Former Director of American Library of Congress, Stephen Goodman of CIIS, John Dunne of Emory University and Jake Dalton of University of California, Berkeley hosted by The Khyentse Foundation and Siddhartha’s Intent India at IIC Annexe, New Delhi on March 13, 2009.
38. Singh, Arvind Kumar, 2009. Attended a special Lecture by Geshe Dorji Damdul, religious Translator of His Holiness the Dalai Lama on the topic “Introduction to the four classification of Tantra in Tibetan Buddhism” conducted by Deptt of Buddhist Studies, University of Delhi on March 3, 2009.
 39. Singh, Arvind Kumar, 2008. Presented a paper entitled ‘*Relevance of Buddhism in Attaining World Peace*’ presented at an International Conference to celebrate United Nations Day of Vesak Workshop 1 theme “*War Conflict and Healings: A Buddhist Perspectives*” of *United Nation Vesak Day Celebration 2008* held at *Hanoi, Vietnam from May 13-17, 2008*.
 40. Singh, Arvind Kumar, 2008. Participated in a seminar on the theme “*The Wisdom of Lotus Sutra: A Teaching for All Ages*” cum exhibition on “*The Lotus Sutra: A Message of Peace and Harmonious Co-existence*” at Lecture Hall, IGNCA, New Delhi sponsored by Indira Gandhi National Centre for the Arts (IGNCA), New Delhi, St. Petersburg Branch of the Institute of Oriental Studies of the Russian Academy of Sciences and Bharat Soka Gokkai, New Delhi, held from April 17-23, 2008.
 41. Singh, Arvind Kumar, 2009. Attended a special Lecture by Geshe Dorji Damdul, religious Translator of His Holiness the Dalai Lama on the topic “Ontological nature of the reality and its relevance to the Buddha Nature” conducted by Deptt of Buddhist Studies, University of Delhi on March 5, 2009.
 42. Singh, Arvind Kumar, 2008. A Paper entitle “*Gugu Padma Sambhava Evam Sikkim Mein Baudh Dharma Ka Prachar aur Prasar*” at a National Conference on the topic “Bharat Desh Aur Bhot Desh Ke Dharmika Evam Sanskritik Sambandhon Mein Acharya Padmasambhava Ka Aitehasika Yogdan” at Rewalsar, Mandi, Himachal Pradesh from February 12-15, 2008.
 43. Singh, Arvind Kumar, 2008. Presented paper entitled “*First Buddhist Council as Depicted in Different Sources*” at an International Conference on the Theme ‘*Sangiti (Buddhist Councils): Perspectives and Prospects*’ held at Department of Buddhist Studies, University of Delhi, Delhi from February 8-10, 2008.
 44. Singh, Arvind Kumar, 2007. Presented a paper on “*An Overview of Buddhist Literature*” in a National Seminar on “Life and Teachings of the Buddha” organized by Institute of Sanskrit & Indological Studies, Kurukshetra University, Kurukshetra on 24th October, 2007.
 45. Singh, Arvind Kumar, 2007. Presented paper entitled ‘*Buddhist Attitude Towards Euthanasia in Early Buddhism*’ at Centre of Buddhist Studies,

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

under Department of Religious Studies, Punjabi University, Patiala (Punjab) which took place from 31st March - 1st April, 2007 February to 28th February 2007.

46. Singh, Arvind Kumar, 2006. Presented paper entitled '*The Concept of Reality in Buddhist Philosophy*' at World Interim Philosophy Congress held at Delhi University from 15th December to 20th December 2006.
47. Singh, Arvind Kumar, 2006. Presented paper entitled '*Abortion and Buddhism*' at 43rd Session of All India Oriental Conference held at Jammu University, Jammu from 12-14 October 2006.
48. Singh, Arvind Kumar, 2006. Presented a paper titled '*Jalandhar: A Seat of Buddhism in Modern Punjab*' at Centre of Buddhist Studies, under Department of Religious Studies, Punjabi University, Patiala (Punjab) which took place from 27th February to 28th February 2006.
49. Singh, Arvind Kumar, 2001. Presented a paper entitle "*Non - Harming Towards Animals in Buddhism*" at International Symposium on "*Signification in Buddhist and French Traditions*" at Indian Institute of Advance Study, Shimla (Himachal Pradesh) which was held from 25th Sept' 2001 to 30th Sept' 2001.

Dr Ch.Venkata Siva Sai

1	The Role of Compassionate Communication in Buddhism	International conference	RKGITW, Ghaziabad	9-11 July, 2015.
2	Buddhist Message for Global Peace	International Conference	Buddhist and Pali University, Srilanka	21-22 nd April, 2015
3	Indian Entrepreneurship and the Challenges to India's Growth with special Reference to Buddhist Perspective on Entrepreneurs	National Conference	Rukmini Devi Institue of Advanced Studies	17-18 th April, 2015
4	The Buddhist Way to Economic Stability	International Conference	U.P Technical University (Jaipuria Institute of Management)	11 th April, 2015
5	Middle Way Economics: A Discourse of	International Conference	ARSEAM	4 th April, 2015

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	Buddhist Economy with special Reference to Wealth			
6	The Application of Buddhist Right livelihood working in the Right Spirit	National Seminar	GGS Indraprastha University	20 th February, 2015
7	One view of Buddhist Bioethics	International Seminar	Acharya Nagarjuna University, Gunture, A.P	28-30 th January, 2015
8	The Spiritual Approach in Global Economics: A Discourse of Buddhist Economy	International Seminar	Ideal Institute of Management and Technology, New Delhi	21 st January, 2015
9	Buddhist Economics: The Foundation to Solve Contemporary Economic Issues	International Conference	DIAS (CGSIP University, Delhi)	10 th January, 2015
10	Are the Human Rights in Buddhism	National Seminar on Human Trafficking	Kat Katha and Knowledge Steez	10 th January, 2015
11	Buddhist Ideas for Attaining World Peace	Global Peace Leadership Conference	IASE University and Global Peace Foundation	9-10 th December, 2014
12	What can Buddhism contribute to our understanding of the Ecological crisis and How Buddhist response to Environmental degradation	National seminar on Environment and Ecology	Kurushetra University (Geeta Institute of Law)	29 th November, 2014
13	The Alternative way of Learning by Practice (A Buddhist Approach to New	National Conference on Higher Education: Ways ahead	Centre for Education Growth and Research	18 th November, 2014

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	Education)			
14	Vipassana Meditation: A Discourse of Buddhist Psychology and Management	National Conference on Mind management for Management	Guru Govind Singh Indraprastha University, New Delhi	7 th November, 2014
15	Vipassana and Business Management: A Discourse of Buddhist Psychology	National Seminar on Issues and Challenges of IPOs and Portfolio Management	Acharya Nagarjuna University (Prabhala PG College for women)	21-22 nd October, 2014
16	Buddhism: The foundation of Ethics based Economics	National Conference on Emerging Issues in International Trade and Finance	DDU College, University of Delhi	16 th October, 2014
17	Applying Buddhist Principles for the Age of Social Media	National Seminar on Cyberspace pr Duper space for Online Consumers	IMS Noida, Noida	10 th October, 2014
18	Gandhi and Mahayana Buddhism	International Seminar on Embracing the Other on the occasion of the International day of Non-Violence.	Gandhi Peace Foundation	2 nd October, 2014
19	A Buddhist Perspective on Greed and Globalization with special reference to Buddhist Ethics	Second International Convention on Ethics in Research on Human Participants	Jawaharlal Nehru University, New Delhi	2 nd -4 th September, 2014
20	The Role of Vipassana in Buddhist Education.	International Seminar Arts, Education and Gender.	IMRF, Vijayawada	13-14 th , June, 2014
21	D.R. B.R. Ambedkar Contribution to	National Seminar on Dalits in Indian Economy.	S.V. College (P.G), Aligarh	May, 28 th , 2014

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

	Buddhist Education in India	Future and Present Prospectus		
22	Opportunities and Challenges for Buddhist Education and Pedagogy in India and Europe	International Seminar on UNDV Vesak Celebrations, 2014 at Vietnam	UNDV and Vietnam Buddhist Organization	7 th -11 th May, 2014
23	The Effect of Vipassana on Business Integrity and Corporate Governance	National Seminar on Corporate Governance and Business Integrity	Sri Sarada Institute of Management and Technology	25-26 th April, 2014
24	Buddhist Perspective on Human Rights	National Seminar on Human Rights and Inclusive Governance	University of Delhi (Kalindi College)	21-22 nd April, 2014
25	Impact of Vipassana on Organizational Behaviour: A Buddhist Discourse	National Conference on Human Resource Management	Management Development Research Foundation, New Delhi	6 th April, 2014
26	Pali Response on Buddhism and the Freedom of the Will	National Conference on Pali and Indian Culture	Jawaharlal Nehru University, New Delhi	22-23 March, 2014
27	The Position of Feminism in Buddhist Literature	National Seminar on Modern Theories in Literature and Language	Krishna University (P.B. Siddhartha College of Arts and Science, Vijayawada)	19-20 th March, 2014
28	The Intersections of Buddhist History and Literature- A Study	National Seminar on Intersections: History and Literature	University of Delhi (DU College of Arts and Commerce, New Delhi)	11-12 th March, 2014
29	Rahul Sanskritiyan Contribution to Buddhist Sanskrit Literature	National Seminar on Rahul Sanskritiyan Literature	Rastriya Sanskrit Vidyapeeth, New Delhi	8-9 th March, 2014

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30	Aristotle and Buddha's View on Happiness	International Conference on Greek Studies : An Asian Perspective	Jawaharlal Nehru University, New Delhi	25-28 th February, 2014
31	The concept of Beauty in Nature among Kalidasa and Lord Buddha	National Seminar on Aesthetics and Kalidas	University of Delhi (Bharati College)	12-13 th February, 2014
32	Buddhist Perspective on Globalization and Sustainability	International Conference on Changing Global Economic Perspectives: Managing Sustained and Inclusive Growth	Jaipuria Institute of Management, Vasundhara, Ghaziabad, U.P	08-09-February, 2014
33	The Role of Teacher on Enhancing Children Emotional development with special reference to Buddhist Psychology	International Seminar on Psychological Students in and outside Classroom	G.G.S. Indraprastha University, Delhi (Ideal Institute of Management and Technology and LAW)	22 nd January, 2014
34	Education and Learning: A Buddhist Perspective	XV International Seminar	Divine Group India Habitat Centre, New Delhi	3-4 January, 2014
35	Buddhist Message for Global Peace (A)	International Conference on Global Peace-2013	IMRF	22-23, November, 2013
36	Vipassana and Business Management	Global Seminar on MBEMSNA-2013	Jawaharlal Nehru University	9-10 th November, 2013
37	The Relevance of Buddhist Education in Modern World	National Seminar on Internalization of Education: Trends and Challenges	Amity University	31 st October, 2013
38	Buddhism and Politics in Modern World With	National Seminar on Constitutional	University of Delhi (KIrori Mal College,)	26-27 th October, 2013

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	Special Reference to Democracy	Development and Nation Building in India		
39	Buddhist Bioethics in 21st Century	National convention on Ethics	Jawaharlal Nehru University	30-31 July, 2013
40	Buddhist Perspective on Distance Education	National Seminar	Dr.B.R.Ambedkar Open University	27-28 June 2013
41	Buddhist Economics and Business in Global Perspective	International Conference	International Multidisciplinary Research Foundation	07-08 June, 2013
42	Buddhism and Hinduism Comparison and Contrast with Special Reference to Vedanta	National Seminar	MGNIRSA	05-06 June,2013
43	Buddhist Approach to Business Ethics	International Seminar	Krishi Sanskriti	25-26 MAY, 2013
44	Buddhism in a Democratic World	National Conference	MDRF, New Delhi	5 th May, 2013
45	Business and Buddhist Ethics in Global Perspective with Special Reference to Public Private Partnership	UGC National Seminar	Kirori Mal College, University of Delhi	April, 22-23, 2013
46	Business and Buddhist Ethics With Special Reference to H.R.M	National Conference	Management Development Research Foundation, New Delhi	14 th April, 2013
47	Buddhism in 21st Century With Special Reference to Peace	International Conference	Indian Society for Indic Studies	29-31 March, 2013
48	The Significance of Behavioural Skills in Career Development with special Reference to Buddhist	International Conference	Indian Career Development Association)	27-29 March, 2013

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	Psychology			
49	Buddhism and Human Rights in Global Perspective	National Conference1	Agra College. Agra	22-23 March,2-13
50	Discrimination against Women: The status of women in Buddhism	International Seminar	Jamia Millia Islamia New Delhi	13-14 March, 2013
51	ICT and Buddhist Education with Special Reference to Applied Buddhism	International Conference	ICMBS Noida	9-10 March,2013
52	The Status of Women in Buddhism With Special Reference to Equality, Freedom and Empowerment	International Conference (Absentia)	IMRF	8-9 March, 2013
53	Values in Buddhism	National Seminar	Amity Univeristy	8 th March,2013
54	Buddhist Message for Global Peace	Global Summit	IIT Delhi	24 th Feb. 2013
55	The Contribution of Buddhism to Indian Literature, Culture and Spirituality	National Seminar	P.B. Siddhartha College (Krishna University)	13-14 Feb 2013
56	Buddhism as an Education with special reference to Enhance Total Development	UGC Sponsored National Seminar	St .Joseph College Of Education (ANU)	11-13 Feb 2013
57	Buddhism and Human Rights	UGC sponsored National Conference	Acharya Nagarjuna University	8-9 Feb 2013
58	The Significance of Mental Health with Special Reference to Buddhist Psychology	National Conference	IGNOU, New Delhi	7-8 Feb 2013

DEPARTMENT OF APPLIED BUDDHIST STUDIES

59	The Role of Buddhism in Global Communication	National seminar	Krishna University	6-7 Feb.2013
60	The Cultural Heritage of Buddhism with special reference to Dalits: Dr.B.R.Ambedkar Role	Global Seminar on Fourth World Literates	Acharya Nagarjuna University	14-16 th December,2012
61	The Role of Dharma in Mimamsa Philosophy with special reference to Buddhist Ethics	Indian Society for Buddhist Studies	Doon University	2-4 December,2012
62	Women in Buddhism	International Conference on Gender Equality in Developing Societies- 21 st Century Perspective	University of Delhi (Maharaja Agrasen College)	30-31 December,2012
63	Buddhism and Poverty	International Conference on Poverty in 21 st Centuary	Kurukshetra University	19-20 th November,2012
64	Buddhism and Bio-ethics- Diagnosis and Treatment A Psycho-Philosophical Appraisal	International Conference on Introspections on Buddhist Traditions	Gautam Buddha University	7-9 September, 2012
65	THE IMPORTANCE OF BUSINESS ETHICS FOR ENTREPRENUERS AND THEIR STRATEGIES	National Seminar on Emerging Business Models and Strategies'	Acharya Nagarjuna University	9-10 March,2012
66	Buddhism and Environment	International Seminar on International Environmental Law and	University of Delhi	February, 2012

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		Sustainable Development		
67	Conflict and Peace with Special Reference to Buddhist Psychology	National Seminar on Vicissitudes of Violence (Conflict and Peace)	University of Delhi Indraprastha College for Women)	January, 2012
68	The importance of Business Ethics for Entrepreneurs	National Seminar on Entrepreneurship and Small Business Management in India	Krishna University	November 2011
69	Is Global Poverty a Moral Problem?	UGC Sponsored National Seminar on Environment and Sustainable Development	Acharya Nagarjuna University	October 2011
70	Peace Education with special reference to Buddhist Psychology	NAAC Sponsored National Seminar on Innovative Techniques towards quality enhancement in higher education	Krishna University	July 2011
71	Psychology and Economics : What is means for Self Help Groups	UGC SPONSORED National Conference on Performance of the Micro Finance Sector in India SDMSMK VIJ	Acharya Nagarjuna University	11,12 - July – 2011
72	Psychology and Economics : What is means for Micro Finance	UGC Sponsored National conference on Micro Finance at Acharya Nagarjuna University	Acharya Nagarjuna University	28 – Feb – 1 st March 2011
73	Value Education with special	UGC Sponsored National	Acharya Nagarjuna	10-12, February,201

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	reference to Buddhist Psychology	Conference on Pioneering Trends in Education	University	1
74	Mysticism and Language	APPSC sponsored National conference on English for Specific Purpose,	Krishna University	4-5 February,201 1
75	Behaviourskills-A study	Language workshop conducted by K.L.University	K.L.University	30 November- 4 th December,20 09
76	Role of Interpersonal Skills	English Language workshop conducted by K.L.University	K.L.University	03-09, November,2 009
77	The Role of counselor in Distance Education	IGNOU sponsored National seminar on Distance Education and Learning, IGNOU,	IGNOU	9-10, May,2009
78	The Significance of Use theory of Meaning	National Seminar sponsored by ICPR	S V University	5-7 th . March,, 2007
79	Sila – the Foundations of Buddhist Morality(Internati onal)	IWPC sponsored International Seminar, World Interim Philosophy Congress at New Delhi	Delhi University	15 th 20 th December 2006
80	Buddhism in 21st Century	National Seminar on , Vivekananda College, Chennai	University Of Madras	8 th to 10 th March 2006
81	Concept of Peace among Buddha and Vethathiri Maharshi	National Seminar at Dravidian University, Kuppam	Dravidian University	12 th to 13 th December 2005
82	Compassion in Dravidian	National Seminar held in Dravidian	Dravidian University	August 1 st to 3 rd 2001

DEPARTMENT OF APPLIED BUDDHIST STUDIES

	Literature	University, Kuppam, Andhra Pradesh.		
83	Prof.R.Sundara Rajan. thoughts works	His and ICPR Sponsored National Seminar on Sri.Aurabindo School of Eastern and Western thought, Pondicherry University	Pondicherry University	14 th to 16 th March 2000.
84	Diagnosis Treatment philosophical appraisal	a National seminar by Prof.K.Sachidan anda Murthy, Centre for Studies in Afro Asian Philosophies	Acharya Nagarjuna University,	28 th – 30 th January, 1999

Dr. Gurmet Dorje

- **International Association for Ladakh Studies**, 11th Colloquium, Leh, 21-25 July 2003.

Title of the Paper Presented: *Education Vs Economy of Ladakh.*

- **Indian Society for Buddhist Studies**, 2nd Annual conference, organized by Deptt. Buddhist Studies, University of Jammu. Dated: 28-29 March 2002.

Title of Paper Presented: *Historical Influence on Buddhism in Ladakh*

- **Indian Society for Buddhist Studies**, 3rd Annual conference, organized by Sanskrit Parishad, Aligarh. Dated: 20-22 March 2003.

Title of Paper Presented: *Brief History of Ladakh and Buddhism in Zanskar.*

- **Indian Society for Buddhist Studies**, 4th Annual conference, organized by Rajasthan Sanskrit University, Jaipur. Dated: 01-03 October 2004.

Title of Paper Presented: *The Monastic Mask Dance (Cham) of Ladakh.*

- **International Association for Ladakh Studies**, 14th Colloquium, Leh, 16-19 July 2009.

Title of the Paper Presented: *Indifference towards Buddhist women.*

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- **Kashmir's Contribution To Buddhist Thought And Religion**
3-day National Seminar Organized in collaboration with Central institute of Buddhist Studies
Date: 14th - 16th September 2009
Venue: Choglamsar, Leh, Ladakh
Title of Paper Presented: *Buddhism and Buddhist Scholars of Kashmir.*

- **Indian Society for Buddhist Studies**, 9th Annual conference, organized by Department of Sanskrit University of Kashmir, Srinagar. Dated: 05-07 October 2009.
Title of Paper Presented: *Tibetan Buddhist Art and Iconography.*

- **Workshop on Electronic Cultural Atlas initiative** in City University, Hongkong and in Fundan University, **Shanghai, China**. From 27th of May to 2nd June 2010.

- **International Conference on** Addressing Violence: Religious Resources for Conflict Resolution 2010
Buddhist - Muslim Dialogue at, Mahabodhi International Meditation Centre, Leh, Ladakh
Dated: June 28th - 30th, 2010
Title of Paper: *Middle path: Solution to peace*

- **International Conference on** Global Buddhist Congregation 2011
Dated: 27 -30 Novermber 2011, Ashoka Hotel New Delhi.

- **International Conference Introspection of Buddhist Traditions**
Title of Paper : *The Praying Wheel (Mani Choskor)*
Gautam Buddha University, Greater Noida UP
Dated: 7-9, September 2012.

- **46th All India Oriental Conference, Srinagar**
01st to 3rd October 2013, Organized by Department of Sanskrit, University of Kashmir
Title of Paper: *Ethics in Buddhism*

- **Indian Society for Buddhist Studies**, 12th Annual conference, organized by Doon University Dehradun, Uttrakand. Dated: 02-04 November 2012.
Title of Paper Presented: *Ideal of Bodhisattva and Social Responsible*

- **Intenational Conference and Exhibition on Atisa Dipankara JnanaSri and Cultural Renaissance**, From 16th -18th Janauary 2013, organized by Indra Gandhi national Centre for the Arts, New Delhi.
Title of Paper: *Essential Advice of the Atisha: The Preliminaries*

- **National Seminar on Education system in India: Ancient, Medieval and Present Forms and Future Possibilities**
01 July to 4th July 2013, Organized by Central Institute of Buddhist Studies, Choglamsar, Leh Ladakh.
Title of Paper: *Education system in Theravada Buddhism.*
- **2nd International Festival of Buddhist Heritage of Ladakh**
16th to 18th September 2013, Organized by Mahabodhi International meditation center and Nava Nalanda Mahavihara, Nalanda, in Ladakh
Title of Paper: *Challenges to Buddhist monastic order in Leh*
- **Three Day International Seminar on Bhikkhuni Sangha and its Importance in Buddhism**
07-09 February 2014, Organized by Centre of Buddhist Studies, Visva Bharati, Shantiniketan
Title of Paper: *Women: A Buddhist Perspective*
- **2nd International Conference on Dharma- Dhamma**
28th February to 2nd March 2014, Organized by Sanchi University of Buddhist-Indic Studies, Bhopal MP.
Title of Paper: *Mindfulness (sati) in Early Buddhism*
- **National Conference on Pali and Indian Culture**
22-23March 2014, J.N.U. New Delhi, Organized by J.N.U and Indira Gandhi National Centre for Arts, New Delhi.
Title of Paper: *Maranassati in Theravada Buddhism*
- **International Seminar on Understanding Dr. Ambedkars Concepts of Dhamma: Transforming Self and Society,**
14-15 April 2014, Organized by School of Ambedkar Studies, Babasaheb Bhimrao Ambedakr University, Luknow.
Title of Paper: *Buddhism and Statecraft*
- **9th International Buddhist Conference of United Nation Day of Vesak 2014, Vietnam**
07-11 May 2014, organized by National Vietnam Sangha and International Council of Day of Vesak., Vietnam.
Title of Paper: *Local Gods, Karma, & Morality: Religious Understanding of the Environment in Ladakh*
- **Indian Society for Buddhist Studies**, 14th Annual conference, organized by Iswar Saran degree college, Allahabad. Dated: 10-12 October 2014.
● **Title of Paper Presented:** *Sign, Symbols and their implication in Tibetan Buddhism*

Dr. Gyanaditya Shakya

- Shakya, Gyanaditya, 2007, presented a paper entitled ***Brahma-Vihāra Bhāvanā: Ek Prayogika Vishleshana*** in Two Days International Seminar on *Globlize Contributions of Buddhism: A Historical Perspective* organized by Department of Ancient History, Buddha Post Graduate College (Deen Dayal Upadhyay Gorakhpur University, Gorakhpur), Kushinagar Bhikshu Sañgha, Kushinagar, Uttar Pradesh and Diksha Guru Chandramani Seva Sansthan, Kushinagar, Uttar Pradesh on 16 & 17 March, 2007 at National Museum, Kushinagar, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2009, presented a paper entitled ***Theravāda Sampradāya Ke Vikas Mein Thelakaṭāhagāthā Kāvya-Granth Kā Yogadāna*** in Two Days National Seminar on *Origin and Development of Buddhist Sects: Their Cultural Identity and Cross Cultural Perspectives* organized by Department of Buddhist Studies, University of Delhi, Delhi on 06 & 07 February 2009 at Gwyer Hall, University of Delhi, Delhi (India).
- Shakya, Gyanaditya, 2010, presented a paper entitled ***Maitri Brahma-Vihāra Bhāvanā Evam Atankavada: Vaishivaka Paridrashaya Mein*** in Three Days International Seminar on *Buddhism and Globalization* organized by Department of Buddhist Studies, University of Delhi, Delhi in collaboration with Indian Council for Cultural Relations, New Delhi (India) on 17, 18 & 19 February 2010 at Old Convocation Hall, University of Delhi, Delhi (India)
- Shakya, Gyanaditya, 2010, presented a paper entitled ***Pāli Kāvya-Sahitya Ki Ruparekha*** in Three Days International Seminar on *Pāli Sahitya Ke Vividha Aayam* organized by International Research Institute of Buddhist Studies, Lucknow in collaboration with University of Lucknow, Lucknow on 28, 29 & 30 December 2010 at International Research Institute of Buddhist Studies, Lucknow, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2011, presented a paper entitled ***Buddhopadishta Samyaka Ājīvikā Evam Samaaj*** in Two Days National Seminar on *Ārya Ashtāṅgika Mārga: Dukkha-Mukticha Mārga (Way to Salvation: The Eightfold Path)* organized by Department of Pāli & Prākrit, Rashtra-Santa Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra on 19 & 20 February 2011 at Simanta Purna Chandra Buty Hall, University Library, Rashtra-Santa Tukadoji Maharaj Nagpur University Nagpur, Maharashtra (India).
- Shakya, Gyanaditya, 2011, presented a paper entitled ***Bauddha Dharm Mein Mahilaon Ki Sthiti: Therigāthā Ke Sandarbha Mein*** in Two Days National Seminar on *Status and Role of Women in World Religions* organized by Department of Guru Nanak Studies, Guru Nanak Dev University, Amritsar, Punjab on 10 & 11 March 2011 at Guru Nanak Bhavan, Guru Nanak Dev University, Amritsar, Punjab (India).

- Shakya, Gyanaditya, 2011, presented a paper entitled ***Pāli Sahitya Mein Varnita Brahma-Vihāra Bhāvanā Ki Upadeyata*** in *Tritiya Rashtriya Pāli, Prākrit Evam Sanskrīta Parishada* organized by Prachya Bhasha Shikshana Sanshodana Sanstha, Latur, Maharashtra on 18 & 19 March 2011 at Latur, Maharashtra (India).
- Shakya, Gyanaditya, 2011, presented a paper entitled ***Vishwa Shanti Mein Bauddha Dharma Ki Prasangikata*** in One Day International Seminar on *Relevance of Buddhist Philosophy in the Globalised World* organized by Pāli & Dr. Ambedkar Thoughts Research and Study Centre, P.W.S. Arts & Commerce College, (Rashtra-Santa Tukadoji Maharaj Nagpur University), Nagpur, Maharashtra on 4 September 2011 at Vanamati Auditorium, VIP Road, Dharmapeth, Nagpur, Maharashtra (India).
- Shakya, Gyanaditya, 2011, presented a paper entitled ***Bauddha Sahitya Evam Shiksha Ke Vikas Mein Anagārika Dharmapāla Ki Dena*** in One Day National Seminar on *Bodhisatta Anagārika Dharmapāla: The Founder of Mahabodhi Society of India and Great Revivalist of Buddhism in Modern India & West* organized by Mulagandha Kuty Vihara, Maha Bodhi Society of India, Sarnath on 17 September 2011 at Mulagandha Kuty Vihara, Maha Bodhi Society of India, Sarnath, Varanasi, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2011, presented a paper entitled ***Pāli Evam Bauddha Sahitya Mein Anusandhana: Ek Anushilan*** in Two Days National Seminar on *Research Methodologies & Application to Language and Literature Studies* organized by Department of Pāli & Prākrit, Rashtra-Santa Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra in collaboration with Central Institute of Indian Languages, Mysore (Ministry of Human Resource Development, Government of India) on 21 & 22 September 2011 at Simanta Purna Chandra Buty Hall, University Library, Rashtra-Santa Tukadoji Maharaj Nagpur University Nagpur, Maharashtra (India).
- Shakya, Gyanaditya, 2011, presented a paper entitled ***Pāli Kāvya-Sahitya Ke Vikas Mein Sri Lanka Ka Yogadan*** in Three Days International Seminar on *Buddhist Linkages in South and Southeast Asia: Perspectives and Prospects* organized by Department of Buddhist Studies, University of Delhi, Delhi on 07, 08 & 09 October 2011 at New Auditorium, University of Delhi, Delhi (India).
- Shakya, Gyanaditya, 2011, presented a paper entitled ***Buddhopadishta Udān Evam Pāli Kāvya-Sahitya*** in Two Days National Seminar on *Importance of Khuddakanikaya in Pāli Tipiṭaka Literature* organized by Department of Pāli & Prākrit, Vasantrao Naik Government Institute of Arts & Social Science, Rashtra-Santa Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra in collaboration with Central Institute of Indian Languages, Mysore (Ministry of Human Resource Development, Government of India) on 29 & 30 October 2011 at Vasantrao Naik Government Institute of Arts & Social Science, Nagpur, Maharashtra (India).

- Shakya, Gyanaditya, 2011, presented a paper entitled ***Pāli Kāvya-Sahitya Ke Vikas Mein Bharat Desh Ka Yogadan*** in Two Days International Global Conference on *2600 years of Buddhism* organized by Mulagandha Kuty Vihara, Maha Bodhi Society of India, Sarnath on 08 & 09 November 2011 at Maha Bodhi Society of India, Sarnath, Varanasi, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2012, presented a paper entitled ***Concept of Dāna in Buddhist Ethics*** in Two Days National Seminar on *Human Ethics and Cultural Values in Pāli Tipiṭaka Literature* organized by Department of Pāli & Prākrit, P.W.S. Arts & Commerce College (Rashtra-Santa Tukadoji Maharaj Nagpur University), Kamptee Road, Nagpur, Maharashtra in collaboration with Central Institute of Indian Languages, Mysore (Ministry of Human Resource Development, Government of India) on 03 & 04 July 2012 at P.W.S. Arts & Commerce College, Kamptee Road, Nagpur, Maharashtra (India).
- Shakya, Gyanaditya, 2012, presented a paper entitled ***Concept of Dāna in Pāli Tipiṭaka Literature*** in Three Days International Conference on *Introspections of Buddhist Traditions* organized by School of Buddhist Studies & Civilization, Gautam Buddha University, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh on 07, 08 & 09 September 2012 at Auditorium, Management Building, School of Management, Gautam Buddha University, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2012, presented a paper entitled ***Right Livelihood and Happiness in Buddhism*** in Two Days International Conference on *Dharma - Dharama* organized by Department of Culture, Government of Madhya Pradesh, Madhya Pradesh; Centre of Study of Religion & Society (CSRS), India Foundation, New Delhi; and Mahabodhi Society, Colombo, Sri Lanka on 22 & 23 September 2012 at Madhya Pradesh Assembly, Bhopal, Madhya Pradesh (India).
- Shakya, Gyanaditya, 2013, presented a paper entitled ***Shakyamuni Gautam Buddha Ke Arthika Vichara: Ek Anushilana*** in Two Days International Conference on *Ancient Indian Economic Thought (Sanskrit Arthashastra: Sanatan Sandharbh)* organized by Department of Sanskrit, Mohanlal Sukhadia University, Udaipur in collaboration with Rajasthan Sanskrit Academy, Jaipur (Rajasthan) on 15 & 16 February 2013 at Auditorium, Mohanlal Sukhadia University, Udaipur, Rajasthan (India).
- Shakya, Gyanaditya, 2013, presented a paper entitled ***Mahila Sashaktikarana Mein Pāli Sahitya Ki Prasangikata*** in an International Conference on *Literature and Marginality: Comparative Perspectives in African American Australian and Indian Dalit Literature* organized by School of Humanities, Indira Gandhi National Open University (IGNOU), Maidan Garhi, New Delhi on 20, 21 & 22 February 2013 at Auditorium, Indira Gandhi National Open University, New Delhi (India).
- Shakya, Gyanaditya, 2013, presented a paper entitled ***Interfaith Understanding in Buddhism*** in Two Days National Seminar on

Relevance of Sri Guru Granth Sahib for Interfaith Understanding organized by Centre on Studies in Sri Guru Granth Sahib, Guru Nanak Dev University, Amritsar, Punjab on 07 & 08 March 2013 at Guru Nanak Bhavan, Guru Nanak Dev University, Amritsar, Punjab (India).

- Shakya, Gyanaditya, 2013, presented a paper entitled ***Human Rights in Buddhism*** in Two Days International Conference on *Human Rights Law, Justice and Governance* organized by School for Legal Studies, Babasaheb Bhimrao Ambedkar University (A Central University) Vidya Vihar, Rae Bareli Road, Lucknow on 26 & 27 April 2013 at University Auditorium, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2013, presented a paper entitled ***Buddha Dharma-Darshana Mein Ārya Ashtangika Marg: Eka Anushilan*** in One Day National Seminar on *Our Role in Propagation of Buddhism in the Present Scenario* organized by Maha Bodhi Society of India, Sarnath Centre, Sarnath, Varanasi on the occasion of Dhammachakra Mahotsava on 22 July 2013 at Mulagandha Kuty Vihara, Maha Bodhi Society of India, Sarnath, Varansi, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2014, presented a paper entitled ***Contribution of Dr.Bhim Rao Ambedkar to Buddhist Literature*** ICSSR Sponsored Two Days Interdisciplinary National Conference on *Revisiting Works of Dr. Babasaheb Ambedkar as a World Leader and his Contribution towards Holistic Change* organized by Pali & Dr. Ambedkar Thoughts Research and Study Centre, P.W.S. Arts & Commerce College, (Rashtra-Santa Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra), Kamptee Road, Nagpur on 29 & 30 January 2014 at Vanamati Auditorium, VIP Road, Dharmapeth, Nagpur, Maharashtra (India).
- Shakya, Gyanaditya, 2014, presented a paper entitled ***Jinālañkākara Ki Kavyagata Samikhsa*** UGC Sponsored Two Days Interdisciplinary International Seminar on *The Contribution of Buddhism to the Process of Human Development (Manavi Vikas Ki Prakriya Mein Bauddha Dhamma Ka Yogadana)* organized by Department of Pāli & Prākrit, Rashtra-Santa Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra (India) on 07 & 08 February 2014 at Purnchandra Buti Sabhagruh, University Library Campus, Ramdaspeth, Nagpur, Maharashtra (India).
- Shakya, Gyanaditya, 2014, presented a paper entitled ***Relevance of Buddhism in Environmental Protection*** in Two Days National Seminar on *Environmental Ethics: Perspectives from the World Religions* organized by Department of Guru Nanak Studies, Guru Nanak Dev University, Amritsar-143005, Punjab (India) on 25 & 26 February 2014 at Guru Nanak Bhavan, Guru Nanak Dev University, Amritsar, Punjab (India).
- Shakya, Gyanaditya, 2014, presented a paper entitled ***A Literary Review of Paramatthajotikā (Khuddaka-Pātha-Āṭṭhakathā)*** in Two Days National Conference on *Pali and Indian culture* organized by Special Centre for Sanskrit Studies, Jawaharlal Nehru University, New Delhi in

collaboration with Indira Gandhi National Centre for the Arts, New Delhi on 22 & 23 March 2014 at Auditorium 1, Convention Centre, Jawaharlal Nehru University, New Delhi-110067 (India).

- Shakya, Gyanaditya, 2014, presented a paper entitled ***Contribution of Bhikshu Dharmarakshita in Modern Buddhism*** One Day International Conference on *The Global Contribution of Pāli Literature* organized by Vishwa Pāli Diwas Samiti in collaboration with International Research Institute of Buddhist Studies (Lucknow), Dharma Chakra Vihara Mula Bauddha Shodha Sansthan, Sarnath and Kushinagar Bhikshu Sangha, Kushinagar, Uttar Pradesh (India) on 01 April 2014 at Myanmar Buddhist Temple, Kushinagar, Uttar Pradesh (India).
- Shakya, Gyanaditya, 2014, presented a paper entitled ***Samajika Evam Arthika Vikas Mein Bauddha Dharma Ki Prasangikata: Cakkavattisīhanāda-Sutta Ke Aloka Mein*** One Day International Conference on One Day 10th International Interdisciplinary Conference on *The Role of Green Technologies in Promoting Socio-Economic Development in India & International Level* organized by Mahatma Fule Talent Research Academy, Nagpur in collaboration with Inox International University, Atharva Vidhyapeeth, Dr. Madhusudan Ghanekar Vidhyapeeth, International Bar Association & International Human Rights Justice Federation on 27th April 2014 at Oxford Speaker Academy, 1st Floor, Bank of Baroda Building, Opp. Bank of Maharashtra, Manje Chowk, Sitabuldi, Nagpur, Maharashtra (India).
- Shakya, Gyanaditya, September 2014, presented a paper entitled ***The Role of Sekhiya Dhammā in Human Life*** in Two Days National Conference on *Pāli: Retrospect and Prospects* organized by Mulagandha Kuty Vihara, Maha Bodhi Society of India, Sarnath on On 16 & 17 September 2014 at Maha Bodhi Society of India, Sarnath, Varanasi, Uttar Pradesh (India).
- Shakya, Gyanaditya, December 2014, presented a paper entitled ***Buddhist View on Environmental Protection*** in One Day International Conference on *Bhartiya Sanskriti Evam Bauddha Dharma-Darshana Mein Paryavarana* organized by Dharma Sanskriti Sangam, Kashi, and Department of Buddhist Philosophy, Sampurnanand, Sanskrit University, Varanasi on 5 December 2014 at Padini Bhavana, Sampurnananda Sanskrit University, Varanasi, Uttar Pradesh (India).
- Shakya, Gyanaditya, March 2015, presented a paper entitled ***Freedom of Thoughts in Buddhism*** in UGC Sponsored Bauddha Mahotsava and National Seminar on *Bauddha Sanskriti Ke Vividh Ayam* organized by Centre for Buddhist Studies, Arya Mahila Post Graduate College, Chetganj (Varanasi), Uttar Pradesh (India) on 17-21 March 2015 at Auditorium, Arya Mahila Post Graduate College, Chetganj (Varanasi), Uttar Pradesh (India).
- Shakya, Gyanaditya, April 2015, presented a paper entitled ***Sigālovāda-Sutta Mein Varnita Naitik Mulya*** in Vishwa Pāli Diwas Samāroha & One Day International Conference on *Relevance of Pāli Language & Literature* organized by Vishwa Pāli Diwas Samiti In collaboration with

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U.P. Jain Research Institute, Lucknow, Dharma Chakra Vihara Institute of Origin Buddhist Studies & Research, Sarnath, Varanasi & Youth Buddhist Society of India (Y.B.S.) On 1st April 2015 at Y.B.S. Centre, Sankisa, Jasrapur, Mainpuri, Uttar Pradesh (India).

DIALOGUE:

- **Buddha Dhamma Mein Kalyana Evam Mukti Ki Avadharana (Concept of Welfare and Nirvana in Buddhism).** A dialogue presentation in *Concept of Success and Salvation in Religions (Dharmaon Mein Kalyana Evam Mukti Ki Avadharana)*, organized by Jamaat-E Islami Hind, Jamia Nagar, New Delhi, date: 04 March, 2012 at Rajendra Bhavan, New Delhi (India).

SYMPOSIUM:

- **Varman Kal Mein Badate Mahila Aparadha Ke Nidana Mein Bauddha Dharma Ki Prasangikata. (Crime against Women: Causes and Remedies in Buddhist Perspectives)** A dialogue presentation in a Symposium *Crime against Women: Causes and Remedies*, organized by Jamaat-E Islami Hind, Jamia Nagar, New Delhi, date: 17 February, 2013 at Rajendra Bhavan, New Delhi (India).

WORKSHOPS:

- **The Mindful Child (Breath by breath Let us discover the joy within) One Day Ānāpāna Meditation Workshop** organized by School of Buddhist Studies & Civilization, Gautam Buddha University, Greater Noida, in collaboration with Dialogue of Wisdom, New Delhi, on 19th April 2015 (Sunday) at Mahatma Jyotiba Phule Meditation Centre, Gautam Buddha University, Greater Noida, Gautam Buddha Nagar-201312, Uttar Pradesh (India).
- **Elijah Educational Network All-India Inter-religious Dialogue Training Program**, co-hosted by Elijah Interfaith Institute together with Guru Nanak Dev University, Amritsar at Niksham International Centre, Amritsar (Punjab) from 27th November to 3rd December 2010 and accordingly accredited as an **Elijah Educational Network Inter-religious Dialogue Leader** is authorized to convene Elijah Study Circles under the auspices and with the support of the Elijah Interfaith Institute, comprising The Elijah Board of World Religious Leaders, the Elijah Academy and the professional staff of the Elijah Educational Network.
- **Interfaith Leadership Training Workshop**, the Interfaith Leadership Training Workshop co-hosted by Elijah Interfaith Institute, Jerusalem, Israel and Department of Guru Nanak Studies, Guru Nanak Dev University, Amritsar at Niksham International Centre, Amritsar (Punjab) from 27th November to 3rd December 2010.

TALK:

- **Ethical Values in Buddhism (Buddha Dharma Darshana Mein Naitika Mulya).** A talk organized by The Society for Philosophical Debates, Department of Philosophy, Zakir Husain Post-Graduate Evening College, New Delhi, Date: 24 February, 2015 at Seminar Hall, Zakir Husain Post-Graduate Evening College, New Delhi (India).

Dr. Priyadarsini Mitra

1. “Concept of soul as ‘No Soul’ in Buddhism”, at the International Seminar in Asiatic Society, Kolkata, March 2010.
2. “Buddhist Ahimsa, a path to uproot the violence” at the state level seminar on some reflections in non-violence, on 21st March, 2009 at Jadavpur University.
3. “Reformation of Present Society by Practicing the Buddha’s Ethics”, National Buddhist Conference, 2007 on 12-13/5/07 at Siliguri, West Bengal.
4. “Application of Buddha’s Ethics towards World Peace”, National Seminar on Buddhism held on 09-10 February 2007 at North Bengal University, Siliguri.
5. “Resurgence of Buddhist Studies in the limelight of Renaissance” International Seminar on 25-27 September 2007 at the Dept. of Indo-Tibetan Studies, Visva-Bharati, Santiniketan.
6. “Secularism and its Relation with the Academic Study of Religion”, National Workshop 16-18 February, 2008 at the Department of Philosophy & Religion, Visva-Bharati.
7. “Acceptance of Buddhism in China beyond its indigenous religion”, International Seminar at the Department of China Bhavana on 25-26 March, 2008.
8. “Influence of Buddhist Morality in attaining the Global Peace”, 7th International Congress of Social Philosophy at Visva-Bharati, 22-24 November, 2008.
9. “RabindranatherNayika: Banchana and Atmaprakasha” National Seminar on Women’s Studies held on 30-31 July 2010, at Visva-Bharati
10. “Humanism in Buddhist Philosophy: An Ethical Up gradation of HumanBeing” 11th Conference of Indian Society for Buddhist Studies at Gangtok, September 16-18, 2011
11. “The Role and Significance of Two Great Social Reformers (Buddha and Confucius) to the Reformation of Present Society” International and Interdisciplinary Conference on Meaning, Culture and Values: East and West at Jawaharlal Nehru University, New Delhi, and January 5-7, 2012

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12. "Importance of Interfaith Dialogue for Better Living" The Second Asian Conference on Ethics, Religion & Philosophy at Osaka, Japan, March 30-1 April. (Research Paper was accepted but Conference could not be attended)
13. "Negation of Self, Going Beyond the Ego Identity: A Buddhist Vision of Social Peace" International Conference on Buddhist Heritage of Odisha: Situating Odisha in the Global Perspective, Organized by Government of Odisha, Department of Tourism & Culture, Bhubaneswar, Odisha, Udayagiri from 1- 3 February 2013.
14. "Buddha's Impact On Tagore's Mind" International Conference on Introspective on Buddhist Tradition , Organized by School of Buddhist Studies & Civilization, Gautam Buddha University from 7-9 September 2012.
15. "ROLE OF BUDDHA'S KARMA THEORY IN MAKING OF GOOD HUMAN BEING" 12th Annual Conference of Indian Society for Buddhist Studies at Dehradun from 2-4 November 2012
16. "INTERFAITH DIALOGUE: MANY FAITHS ONE HUMANITY" 7th IASR Annual Conference on Role of Science and Religion in the Making of Humanity, Organized by Delhi university from 27-28 October 2012
17. "Selflessness as Bodhisattva: A Path for Healing Ecology" UGC Sponsored seminar on Buddhism: Environment Issues & Globalization, Organized by KCPG College (Associate with University of Lucknow) & International Research Institute of Buddhist Studies, Lucknow from 24-25 March 2013.
18. "A CRITICAL ANALYSIS OF THE EIGHT CHIEF RULES (ATTHAGARUDHAMMAS) FOR BHIKKHUNIS IN BUDDHISM" A Three-Day International Seminar on Bhikkhuni Sangha and Its Importance in Buddhism, Organized by Centre for Buddhist Studies, Visva-Bharati University, Santiniketan from 07-09 February 2014.
19. "Buddha's Anattavada with reference to Anattalakkhana Sutta: A Veritable Panacea for all Suffering" National Conference on Pali and Indian Culture, Organized by Jawaharlal Nehru University from 22-23 March 2014
20. "The Contribution of Beni Madhab Barua in the resurgence of Buddhist Studies" A Three-Day International Conference on Foundation of Buddhism as Revealed in the Pali Literature, Organized by Department of Pali, University of Calcutta from 31st December 2013-2nd January 2014.
21. "Dharma, Adhamma and Saddhamma of Ambedkar: An Ethical Approach to the Improvement of Mankind" A Two-Day International Seminar on Understanding Dr. Ambedkar's Concept of Dhamma: Transforming Self and Society, Organized by Babasaheb Bhimrao Ambedkar University from 14-15 April 2014.
22. "Mindfulness(Sati) in Buddhism: A Beneficial Practice for Wellbeing of Mankind" A Oneday National Conference on Mind Management for Management, Organized by Guru Govind Singh Indraprastha University, New Delhi on 7th Novemder,2014.

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23. "Buddhist Philosophy: A Way from Inner Peace to World Peace" A Two days Global Peace Leadership Conference on Peace and Harmony through Interfaith Partnerships at India Habitat Centre, New Delhi(India)from 9-10 December,2014
24. "Rajendralal Mitra, the Pioneering Erudite in the Resurgence of Buddhist Studies in India" A Two days International Seminar on Revival of Theravada Buddhism in Bengal at Department of Pali, University of Calcutta, West Bengal from 13-14 January,2015.
25. "SPIRITUALITY IN BUDDHISM: RELEVANCE TO MODERN ASPECT THROUGH EDUCATION" A Two Day National Seminar on Sufism and Indian Spiritual Tradition: Sustaining the Education of Heart,Organised by the Department of Education,VinayaBhavana,Sponsored by INDIAN PHILOSOPHICAL RESEARCH, New Delhi from 23-24 March,2015
26. "Buddha's Endeavour to Uplift the Plight of Women" A Two Day National Seminar on Women Issues in Philosophy and Religion, Organised by the Department of Philosophy & Comparative Religion,Visva Bharati,Santiniketan, Sponsored by INDIAN PHILOSOPHICAL RESEARCH, New Delhi from 27-28 March,2015.
27. "Three Marks of Existence in Buddhism: A Beacon to Ecological Development" ATwo Day 2nd International Scientific and Practical Conference and Dhamma Yatra on Ancient Buddhism In India: Tradition and Innovations at Lalitpur & Devgarah,India from 11-12 April,2015.

Dr.Chandrashekhar Paswan

- *Indian Education And Society*-delivered special lecture in Choudhary Charan Singh University Meerath U.P (India)-on 9th October 2014 ,
- *Purve Madhyakal mein Samaj Evm Dharm ke Badalte Swarup :Ek Samiksha (Baudh dharm ke vishesh Sandharv mein)*,- 14th Annual Conference Eshwar Sharan Degree College Allahabad,U.p, Organised by Indian Society for Buddhist Studies Jammu&Kashmir (India) ,from October 10-12,2014.
- *Dharm-nirpeksha Bharat ki Parikalpna Evm Buddha Aur Ambedkar ke Vicharon ki Sarthakta ka Samaj par Prabhav``*-A Two Day International Seminar on Understanding Dr. Ambedkar's Concept of Dhamma:Transforming Self and Society (14-15 April2014), Organised by School For Ambedkar Studies ,Babasaheb Bhimrao Ambedkar University-Lacknow.
- *The Contibution of Brahmana in the Development of Buddhism based on Tripitika''*-Pali And Indian Culture,Two Day National Conference on 22-23March 2014, organised by J.N.U.,New Delhi,India.

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- *Contribution of Bhikkhunis of Bihar in the Development of Buddhism*''- Three- Day International Seminar Bhikkhuni Sangha And Its Importance in Buddhism,Organised by Centre For Buddhist Studies ,Visva-Bharti santiniketan ,West Bengal, on 07-09 February 2014.
- *Resurgence Of Buddhism in Modern India*''-Two –Day National seminar on 28-30 December,2013,Organised By Indian History Congress at Revenshaw University, Cuttack,Orissa,India,
- *Prachin Nager Vaishali ki Aitihasik Evm Sanskritik Paramparaon Ka Awlokan –Bhut Evm Vartman Paripeksh Mein*-12th Annual Conference ,Dehradun Novembe 2-4, 2012,Indian Society For Buddhist Studies University of Jammu-J.K.
- *Baudha Dharma ke vikas mein Baudha Viharon ka Yogdan evam Dana Vyavastha:Pravriti, Sanskriti- EkVishleshan*—International Conference on ‘Introspection on Buddhist Traditions ”held on 7-9 ,2012 ,School of Buddhist Studies and civilization, Gautam Buddha University , Greater Noida –U P
- *Revival of Buddhism in Modern India*-11th Annual Conference organized by Indian Society for Buddhist Studies at ChintanBhawan, Gangtok, Sikkim from Sept. 16-18, 2011.
- *Buddhist Perspectives on Care for Environment in the Age of Globalization*—
International Seminar on Buddhism and Globalization Organized by Department of Buddhist Studies, University of Delhi. Dated: February 17-19 2010.
- *Sahajyan Sampradaya Ka Vikas Evam Purvottar Bharat Par Uska Sanskritik Prabhav* – Origin and Development of Buddhist Sects: Their Cultural Identity and Cross Cultural Perspective, February, 6th – 7th, 2009.
- *Relevance of Third Buddhist Council in Spread and Development of Buddhism* –
International Seminar on Sangiti-s (Buddhist Councils): Perspectives and Prospects organized by Department of Buddhist Studies, University of Delhi. Dated Feb. 8th – 10th 2008.
- *Buddha aur Ambedkar ke Vicharon Mein Samajvaad ki Avadharana* –
43rd All India Oriental Conference organized by Department of Sanskrit, University of Jammu, J&K, 2006.

- *Pali Sahitya Mein Mithila Sanskriti* – International Seminar on Pali Language and Literature, organized by Department of Buddhist Studies, University of Delhi, 2005.
- Seminar **Attended-** Indian Society for Buddhist Studies – Fifth Annual Conference organized by Department of Buddhist Studies, University of Delhi, 2005.
- Interim World Philosophy Congress, organized by Indian Philosophical Congress at Convention Centre, Delhi University, Delhi, 2006.
- Attended Training Program on '*Research Methodology in Indology*' organized by Mithila postgraduate Research Institute, Darbhanga, Bihar, India.

Dr. Manish T. Meshram

- Attended & presented the paper topic on '***Pali Sahitya main Bouddh Samaj ki Avdharna.***' by Meshram, Manish (2012) at Department of Indian Languages, Mysore (CIIL) Sponsored Two Day National Conference at Nagpur on Human Ethics & Cultural Values in Pali Literature held on 3rd & 4th July, 2012
- Attended & presented the paper topic on '***Bouddha-Sadhana main Mahayan ka Yogadan,***' by Meshram Manish (2012) at School of Buddhist Studies and Civilization, Gautam Buddha University, Greater Noida, U.P. International Conference on "Introspection on Buddhist Traditions" held on September 7-9, 2012
- Attended & presented the paper topic on '***Role of Babasaheb Dr. B.R. Ambedkar in Indian Buddhism,***' by Meshram Manish (2014) at P.W.S. Arts & Commerce College, Pali and Ambedkar thought research and study centre, Nagpur, Two-Day Interdisciplinary National Conference entitled "Revisiting Works of Dr. Babasaheb Ambedkar as a World Leader and his Contribution towards Holistic Change", 28th & 29th January 2014.
- Attended & presented the paper topic on '***Contribution of Buddhism in Social Justice to the World,***' by Meshram Manish (2014), at Department of Pali & Prakrit R.T.M. Nagpur University, Nagpur, UGC Sponsored "Interdisciplinary Two day International" Seminar entitle "The Contribution of Buddhism to the Process of Human Development", 7th & 8th February, 2014.
- Attended & presented the paper topic on '***Concept of Morality (Sila) in Theravada Pali Tradition,***' by Meshram Manish (2014) at Jawaharlal Nehru University in collaboration with the Indira Gandhi National Centre for the Arts, New Delhi, Organizing a two-day National Conference entitle " Pali and Indian culture, 22nd and 23rd of March, 2014.
- Attended & presented the paper topic on '***Contribution of Venerable Ananda in Buddhism***', by Meshram Manish (2014) at Kushinagar, U.P, One day International Conference on 'The Global Contribution of Pali Literature'

collaboration with International Research Institute of Buddhist Studies, Lucknow and Kushinagar Bhikshu Sangha, on 1st April, 2014.

- Attended & presented the paper topic on '***The Role of Abhidhamma Pitaka in Buddhism***', by Meshram Manish (2015) at Sankisa, Mainpuri, U.P., **one day International Conference on "Relevance of Pali Language & Literature"** Organized by Vishwa Pali Diwas Smiti in collaboration with U.P. Jain Research Institute, Lucknow, on 1st April 2015.

Dr. Mukesh Kumar Verma

- Presented a Research paper titled “Buddhism in Bengal: Tracing Pattern of Decline and Counter Revival” in a International Seminar “Rivival of Theravada Buddhism in Bengal” on Junuary,13-14,2015, Organized by Department of Pali, University of Culcutta, Kolkata.
- Presented a Research paper titled “Mahayan Prampara Mein Parmita : Ek Anushilan” Akhila Bhartiya Darshan Parisad 59th Coference on 10-12 October 2014,Organized by Rani Durgavati University, Jabalpur, M.P.
- Presented a paper titled “Buddhist Response to Sustainable Development : Theory & Practice” in 9th International Buddhist Conference on “Buddhist Perspective towards Achieving the UN Millennium Development Goals” Commemorating the` United Nations` Day of Vesak 2014, hosted by the National Vietnam Buddhist Sangha (NVBS) and co-organized by NVBS and the International Council for Day of Vesak at Bai Dinh Convention Center, Ninh Binh Province, Vietnam, from 7th to 11th May 2014.
- Presented a Research paper titled “ Dr. B. R. Ambedkar Vision: Training Buddhists and its Influence” in a International Seminar on Understanding Dr. Ambedkar’s Concept of Dhamma: Transforming self and society (14-15 April 2014) Organized by School for Ambedkar Studies `BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY, Lucknow.
- Presented a Research paper titled “ Sila: Buddhist Prespective and Relevance” in a National Conference ` Pali and Indian Culture` on 22-23 March 2014, JNU, New Delhi.
- Presented a Research paper titled “ Bauddha Shiksha ki vartaman Samay mein Prasangikta” in a National conference on Bauddha Shiksha ki vartaman Samay mein Prasangikta (15 March 2014) Organized by Manyavar Kanshiram Shodha Pitha Chaudhary Charan Singh University Meerut.
- Presented a paper titled “Bauddha Mat Mein Nirvana : Ek Vishlesana” in a Akhila Bhartiya Darshan Parisad 58th Coference on 18-20 October 2013,Organized by Department of Philosophy, Mohan Lal Sukhariya University, Udaipur.
- Presented paper titled “ Relevance of Dependent origination in Modern Environment” in National Seminar on Buddhism: Environment Issues &Globalization at Kalicharan post Graduate College, Chowk, Lucknow U.P. held from March 24-25,2013.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- Presented paper titled “Causality: A Buddhist Interpretation” on Indian Society for Buddhist Studies, 12 th Annual Conference (November 2-4, 2012) Organized by Dun University, Dehradun.
- Presented paper titled “Existentialist Ethics of Buddhism” in International Conference on “Introspection on Buddhist Tradition” at School of Buddhist Studies &Civilization, Gautam Buddha University, Greater Noida, U. P. held from September 7-9, 2012.
- Presented paper titled “Baudha Gyanamimamsa Ke Vikash Mein Nalanda Mahavihara Ke Acharyon Ka Yogdan” in National Conference on *The Buddhist Heritage of The Magadha* at Nava NalandaMahavihara, Nalanda, Bihar held from February 12-14, 2012.
- Presented Paper Titled “Dakshinipurvi Asia mein Bauddha Dharma ke prasar mein Maurya Samrat Ashok ki Bhumika” in International Conference Buddhist Linkages in South-East Asia: Prospective and Prospects at Department of Buddhist, University of Delhi from October 7-9,2011.
- Presented Paper Titled “*Bauddha Mat Ki Pråsangikta : Ådhunik Visva Ke Priprekæya Mein*” in National Seminar on 31st March, 2011 held by Guru Gobind Singh Department of Religious Studies, Pujabi University,Patiyala, on the theme ‘Relevance of Buddhism Today’.
- Presented Paper Titled “*Bauddha Dharma Mein MånavatåkåÅdarsh*” in International Seminar Buddhism and Globalization at Department of Buddhist Studies, University of Delhi from February 17-19, 2010.
- Attended a National Conference “*Morality and Religion: Exploring Their Relationship*” held at University of Delhi, Delhi during 29th -30th January, 2010. (Indian Association for the Study of Religions (IASR)
- Presented a paper titled “*Bauddha Dharma-DarshankiPrasangikta*” in International Seminar on Relevance of Buddhism In Human Welfare Peace &Happiness, at DauDayalMahila (P.G.) College, Firozabad 9th to 10 May, 2009.
- Presented a paper titled “*DwitiyaBauddhaSangitiKal Mein nikayokaudabhaaurVikas*” in International Seminar Sangiti-s (Buddhist Councils): Perspectives and Prospects at Department of Buddhist Studies, University of Delhi from 8th –10th February, 2008.
- Presented a paper titled “*Bauddh Dharma-Darshan Mein Karmvad*” in National Seminar on “*Life and Teachings of Lord Buddha*” at Institute of Sanskrit and Ideological Studies,Kurukshetra University, Kurukshetra from 23rd to 24th October, 2007.
- Attended an International Conference on “*India and Chinese Philosophical Perspective on Knowledge, Wisdom and Spirituality*” held at India International Centre, New Delhi during28-30 December 2007. (Harvard-Yenching Institute USA and Centre for Studies in Civilizations, New Delhi in collaboration with India Philosophical Congress, New Delhi).

- Attended an Interim World Philosophy Congress, organized by Federation International des Societes de Philosophie (FISP) and Indian Philosophy Congress, 81st Session, December 15-20, 2006.
- Attended on Indian Society for Buddhist Studies, fifth Annual Conference (August 11-13, 2005) organized by Department of Buddhist Studies, University of Delhi, Delhi.
- Presented a paper titled “*SantiaurSahastitvakeSandarbh Mein BauddhDarshankiPrasangikta*” in National Seminar on Buddhism and Contemporary Issues, Department of Buddhist Studies, University of Delhi, 27th to 28th March, 2003.

Dr. Indu Girish

- **In the Seminars of the University of Delhi –**
 - Refutation of Origination
 - Concept of Nirvana
 - What Vedanta Means to Me
 - Gaudapada & Buddhism
- **In National Conferences –**
 - ‘**Nagarjuna Ka Karmaphala Siddhanta**’ – (in Hindi) under series of All India Seminars on ‘Karma & Rebirth’ – Department Of Buddhist Studies, University of Delhi.
 - ‘**Concept of Śūnyata in the MulaMadhyamaka Karika of Nagarjuna**’ under series of All India Seminars on ‘Śūnyavāda- the Maṇdhyamika Thought’ – Department Of Buddhist Studies, University of Delhi.
 - ‘**Buddhist Approach to Nature & Environmental Issues**’ – Presented in UGC sponsored National Seminar on ‘Buddhism: Environment Issues & Globalization’ held at KCPG College, Lucknow, U.P. (2013).
- **In International Conferences –**
 - ‘**Philosophy of Nāgārjuna as contained in the Muṇḍamadhyamaka Karika**’ – 7th Conference of the International Association of Buddhist Studies (IABS) July 8-13, 1985, Convento SanDomenica, Bologna, Italy.
 - ‘**Śūnyata – the Theory of Nihsvabhavata**’ – presented in the International Conference on ‘Introspection on Buddhist Traditions’ held by the School of Buddhist Studies & Civilization, Gautam Buddha University (September, 2012).
 - ‘**Compatibility of Buddhist Principles and Ecology**’ – Presented in an International Conference held in Ninh Binh Province, Vietnam from 7th to 11th May 2014 on the 11th United Nations Day of Vesak (UNDV).
 - ‘**Ambedkar’s Reinterpretation of Buddhism – A Re-assessment**’ – Presented in Two Day International Seminar on ‘Understanding Dr. Ambedkar’s Concept of Dhamma: Transforming Self and Society’ – Baba Bhim Rao Ambedkar University, Lucknow, U.P. (14th & 15th April 2014).

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

- ‘**Understanding Nagarjuna in the context of Mahayana Buddhism**’ – Presented in the International Symposium on Bodhidharma held at the Institute of Asian Studies, Chennai on 13th -14th August 2015.

Dr. Priyansen Singh

1. International Seminar on “The Marginalised and The Excluded in Society” (Commemoration the Birth Anniversary on Sant Ravidas) February 7, 2012 organised by School of Humanities and Social Sciences, GBU, Gautam Buddha Nagar
2. A Research Paper entitled “Nagarjuna’s Contribution to Letter Literature”, Presented at National Seminar on “Buddhist Heritage of Magadha” organized by Nava Nalanda Mahavihara, Nalanda, Bihar held from February 12-14, 2012.
3. National Conference on “Writings from the Margins” held on 23-24 March 2012. Organized by School of Humanities and Social Sciences, GBU.
4. A Research Article “Renaissance of Pali Studies in India” presented at an International Conference on “Introspection on Buddhist Traditions” organized by School of Buddhist Studies and Civilization, Gautam Buddha University in Association with ICHR and ICCR scheduled to be held from September 7-9, 2012.
5. A Research Paper entitled “Teaching Pali Language through Distance Education: Problems and Possibilities” presented at Institute of Distance Education, Rashtriya Sanskrit Sansthan, New Delhi on Three day National Seminar on “Sanskrite Durasthashiksha – Samasyah Sambhavanasca” held from January 01-03, 2013.
6. A Research Paper entitled “ Bodhisattva Doctrine and Socially Engaged Buddhism: An Introspection” presented at Three day Second International Conference of Asian Buddhist Forum on “Buddhism and Society” organized by Central University of Tibetan Studies, Sarnath, Varanasi held from January 13-15, 2013.
7. A Research Paper entitled “Pali Sahitya mein Prashasanika Tatva” presented at Rashtriya Sanskrit Sansthan, Lucknow Campus on Three day National Seminar on “Pali Evam Prakrit Sahitya mein Jnayana Vijyagana” held from March 20-22, 2013.
8. A paper presented on the title *Sanskrit Vangamaya ki Lokadharmi Paramparayein: Sanskrit Vangamaya Ke Abhivardhana Mein Rahul Sanskrityayan Ke Yogadana Ke Vishesha Sandarbha Mein* at a conference jointly organized by Rashtriya Sanskrit Santhan and Mahapandit Rahul Sanskrityayan Pratishthana from March 8-9, 2014.
9. A Paper presented on the theme *Baudha Shiksha and Adhunik Shiksha* at a national conference organized by Manyavara Kashiram Shodh Peeth, Charan Singh Viswavidyalaya on the theme ‘Baudha Shiksha Ki Vartaman Samay Mein Prashangikta’ on March 15, 2015.

DEAPRTMENT OF APPLIED BUDDHIST STUDIES

10. Presented a paper entitle *Pali Mein Nihit Prashashnik Tatva* in the National Seminar on “Pali and Indian Culture” organized by School of Sanskrit Studies, JNU, New Delhi on March 22-23, 2014.
11. A Research Paper entitled “Pali Language: The Lingua Franca of the Buddhist World”, Presented at National Seminar on “Pali and Buddhism” organized by Nava Nalanda Mahavihara, Nalanda, Bihar held from March 18-20, 2015.

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(SCHOOL OF ENGINEERING)**

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3. Evaluative Report of the Department

- 1. Name of the Department :** Civil Engineering
- 2. Year of establishment :** 2011
- 3. Is the Department part of a School/Faculty of the university? Yes,** School of Engineering and School of Engineering established in year 2010.
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
 - (i) 5 Year Integrated Dual Degree Programme (B. Tech. + M. Tech./MBA) in Civil Engineering with specializations for M. Tech. Degree
 - Structural Engineering
 - Environmental Engineering
 - MBA
 - (ii) Two year M. Tech Programmes
 - M. Tech. in Structural Engineering
 - M. Tech. in Environmental Engineering
 - (iii) Doctoral Course: Ph. D – In all disciplines for which faculty member is available.
- 5. Interdisciplinary programmes and departments involved:**
05 Year Integrated Dual Degree (B. Tech. + MBA) Programme offered by Department of Civil Engineering and Department of Business Management.
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.** None
- 7. Details of programmes discontinued, if any, with reasons**
Course 3 Year M. Tech. (Environmental Engineering) was discontinued as per the advisory issued by the regulatory bodies.
- 8. Examination System:** Semester(Choice Based Credit System)
- 9. Participation of the department in the courses offered by other departments**
Yes,
CE103 -Engineering Graphics (B. Tech. + M.Tech/MBA: EE, ME, CS, EC)
Generic/Open Elective -CE311 - Engineering Economics (B. Tech. + M.Tech/MBA: EE, CS, EC)
Open Elective - CE318 – Disaster Management
Generic Elective -CE543 - Applied Elasticity and Plasticity (M.Sc. Applied Mathematics)
Generic Elective -CE 547 - Finite Element Method (M.Sc. Applied Mathematics)
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

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For details, refer to section 1(24) of SSR

Post Type	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	For details, refer to section 1(24) of SSR	NIL	
Associate Professor		NIL	
Assistant Professor		03	
Others		NIL	

- 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. registered/ M.Tech. students guided for the last 4 years
Dr. Shilpa Pal	B.Tech., M.Tech., Ph.D.	Assistant Professor	Structural Engineering	7+	03/19
Dr. Athar Hussain	B.Tech., M.Tech., Ph.D.	Assistant Professor	Environmental Engineering	12+	04 / 22
Dr. Shobha Ram	AMIE(Civil), M.Tech., Ph.D.	Assistant Professor	Water Resource Engineering	26+	02 / 22

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:**
NIL
- 13. Percentage of classes taken by temporary faculty – programme-wise information:**

Programme Name	(%)
Integrated Dual Degree (B. Tech.+ M.Tech./MBA) Programme in Civil Engineering	44
02 Yr M. Tech (Env. Engg.+ Structural Engg.)	36

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14. Programme-wise Student Teacher Ratio:

Programme Name	Specialization	Students	Faculty	Students Teacher ratio
5 Year Integrated Dual Degree (B. Tech.+ M.Tech./MBA) Programme	Civil Engineering	349	15	23:1
2 Year M. Tech	Environmental Engineering, Structural Engineering	52	13	4:1

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

Post Type	Sanctioned	Filled (Technical)	Filled (administrative)
Computer Operators	For details, refer to section 1(24) of SSR	01	
Office Assistants		02	01
Attendants		-	01
Lab Assistant		03	-

- 16. Research thrust areas as recognized by major funding agencies:** None
- 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.** None
- 18. Inter-institutional collaborative projects and associated grants received**
NA
a) National collaboration b) International collaboration
- 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:** NA
- 20. Research facility / centre with** NA

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- 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): ANNEXURE-I
 - * Monographs: NA
 - * Chapters in books: NA
 - * 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 Sciences Directory, EBSCO host, etc.)
 - * Citation Index -range/average
 - * SNIP
 - * SJR
 - * Impact Factor – range / average: 0.8 to 5.2
 - * h-index
- 23. Details of patents and income generated :** applied for 1 Patent (Biodiesel production from algal biomass)
- 24. Areas of consultancy and income generated :** NA
- 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)
- Faculty Name: Dr. Athar Hussain**
- Co- Editor of Newsletter On Waste Minimisation Circle , WMC News – Volume 4, No. 4, April & July 2009, Published by National Productivity Council , New Delhi-110003.
 - Editor , Proceedings of All India Seminar on Integrated Water Resources Management, held on 22d December 2009 at Scope Complex , New Delhi
 - Editorial board Member of IRED (Institute of Research Engineers and Doctors), New Castle County, DE, United States of America
- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):** University funds, faculty members for doing faculty recharge programmes.

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The details of professional development allowance is attached as
ANNEXURE-II

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

Programme Name	Batch Year	Total No of students	In-house Dissertation (%)	Outside Dissertation (%)
2 Year M.Tech. (Env. Engg.)	2011-12	04	50	50
3 Year M.Tech. (Env. Engg.)	2011-13	06	50	50
2 Year M.Tech. (Structural Engg.)	2012-13	03	100	0
5 Year Integrated B.Tech. + M. Tech. (Structural Engg.)	2010-15	36	64	36
5 Year Integrated B.Tech. + M. Tech. (Env. Engg.)	2010-15	10	80	20

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

Faculty: Dr. Shilpa Pal winner of the drawing competition conducted by Itasca Consulting group, Minneapolis, USA held at the **Seventh International Conference on Case Histories in Geotechnical Engineering** in Chicago from 1st – 4th May 2013.

- a Doctoral / post doctoral fellows
- b Students

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

Annexure-III

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

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

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(refer to question no. 4)				
5 Year Integrated B. Tech. + M.Tech. (batch 2010-15)	42	09	97.6%	100%
5 Year Integrated B. Tech. + M.Tech. (batch 2011-16)	87	15	On going	On going
5 Year Integrated B. Tech. + M.Tech. (batch 2012-17)	44	8	On going	On going
5 Year Integrated B. Tech. + M.Tech. (batch 2013-18)	59	8	On going	On going
5 Year Integrated B. Tech. + M.Tech. (batch 2014-19)	48	10	On going	On going
5 Year Integrated B. Tech. + M.Tech. (batch 2015-20)	67	9	On going	On going
2 Year M.Tech. (Env. Engg.) Batch 2011-13	3	1	100%	100%
2 Year M.Tech. (Env. Engg.) Batch 2014-16	4	Nil	On going	On going
2 Year M.Tech. (Env. Engg.) Batch 2015-17	9	4	On going	On going
3 Year M.Tech. (Env. Engg.) Batch 2011-14	05	01	100%	100%
2 Year M.Tech. (Structural Engg.) Batch 2012-14	03	Nil	100%	Nil
2 Year M.Tech. (Structural Engg.) Batch 2014-16	13	1	On going	On going
2 Year M.Tech. (Structural Engg.) Batch 2015-17	17	4	On going	On going
Refer to Annexure-Vol-II/1				

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

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

GATE QUALIFIED BY STUDENTS BY CIVIL ENGINEERING STUDENTS	
YEAR	NO. OF STUDENTS
2015	5
2014	3

35. Student progression

Student progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil.	NA
PG to Ph.D.	6%
Ph.D. to Post-Doctoral	NA
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	25%
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates of the	
same university	
from other universities within the State	
From university from other states	
University outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: None

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38. Present details of departmental infrastructural facilities with regard to

- a) Library
- b) Internet facilities for staff and students
- d) Total number of class rooms : 07 + 3 Tut Rooms
- e) Class rooms with ICT facility : All
- f) Students' laboratories : details as below
- g) Research laboratories:As Above

S. No.	Lab Name	Semester	Status of the Lab
1	Engineering Graphics & CAD Lab	1 st semester (05 yr Integrated Programme)	Fully Functional
2	Fluid Mechanics	3 rd Semester (05 yr Integrated Programme)	Fully Functional
3	Material Testing	3 rd Semester (05 yr Integrated Programme)	Fully Functional
4	Surveying I & II	3 rd & 4 th Semester (05 yr Integrated Programme)	Fully Functional
5	Environmental Engineering I	4 th Semester & 08 th Sem(05 yr Integrated Programme) & 2 nd Sem 02 Yr M.Tech (Environ. Engg.)	Fully Functional
6	Concrete Lab	5 th Semester (05 yr Integrated Programme)	Fully Functional
7	Transportation Engineering	5 th Semester (05 yr Integrated Programme)	Fully Functional
8	Soil Mechanics Lab	6 th Semester (05 yr Integrated Programme)	Fully Functional
9	Design Lab & Remote Sensing & GIS Lab (Software Lab)	M.Tech - Structure (1 st & 2nd Semester), 05 yr Integrated Programme (VI th Semester), 05 yr Integrated Programme (VII Semester)	Fully Functional
10	Advanced Environmental Engineering Lab	3 rd semester 02 Year M. Tech. (Environmental Engineering) & 09 th Semester 05 yr Integrated	Fully Functional

39. List of doctoral, post-doctoral students and Research Associates : ongoing
 a) from the host institution/university: registered in 2015 session as below

S. No.	Name of Students	Registration No.	Category	Research Area	Supervisor
1	Aditi Singh	15/Ph.D/Engg./	Full Time	Structural	Dr.

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		001		Engineering	Shilpa Pal
2	Sachin Tiwari	15/Ph.D/Engg./002	Full Time	Structural Engineering	Dr. Shilpa Pal
3	Kavita Verma	15/Ph.D/Engg./003	Full Time	Structural Engineering	Dr. Shobha Ram

b) from other institutions/universities: ongoing As below

S. No.	Name of Students	Registration No.	Category	Research Area	Supervisor
1	Mohd. Saleem	13/Ph.D/Engg./001	Working Professional	Environmental Engg. Enviro. Engg.	Dr. Athar Hussain
2	Muzaffar Ahmad Mir	13/Ph.D/Engg./002	Working Professional	Environmental Engg. Enviro. Engg.	Dr. Athar Hussain
3	Ruchi Saraswat	13/Ph.D/Engg./003	Working Professional	Disaster Management Structural Engg.	Dr. Shilpa Pal
4	Vinay Kumar Rathi	13/Ph.D/Engg./004	Working Professional	Hydrology / Hydro-Zeologyof Springs Enviro. Engg.	Dr. Shobha Ram
5	Shashikant Dubey	Ph.D/Engg./111	Working Professional	Wastewater Enviro. Engg.	Dr. Athar Hussain
6	Yuddhveer Singh	Ph.D/Engg./101	Working Professional	Environmental Engg.	Dr. Athar Hussain , Dr. Mahesh Kumar Jat

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 programme(s)? If so, highlight the methodology: The same programmes running in other reputed universities has been thoroughly checked and consulted with the Industries, thereafter by conducting BOS and Academic Council Meetings

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 to improve the course curriculum
- 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):

ANNEXURE(CRC)

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

(i) Workshop on “Seismic Design of Buildings” organized by Civil Simplified and School of Engineering, Gautam Buddha University held on 28th March 2014. This event was sponsored by D. R. Builders. Students from different colleges participated in this workshop. This workshop aims not only on theoretical knowledge but also encourage to hands on practice session, videos, live example and various case studies related seismic structures. Software used in this workshop was SAP 2000/ETABS. Workshop was held in School of Engineering; Niranjan Yadav (Head, Civil Simplified) delivered lectures. Dr. Shilpa Pal (Faculty Organizer) described about the workshop program. Student coordinators involved in this training program were Aayushi Singh, Aditi Singh, Abhishek Singh, Rachit Saxena, Abhishek Singh Kushwaha and Shatrughan Kumar Yadav.

(ii) Workshop on “Concrete Mix Design” organized by Ambuja Foundations, Ambuja Knowledge Centre and School Of Engineering, Gautam Buddha University on 28th and 29th October 2014. Mr. Bhupinder Singh Sidhu (Zonal head, Delhi-NCR) deliver lectures and practical session to improvise the quality of mix design already practiced in India for better construction or Quality Construction. Workshop was held in School of Engineering and workshop. Dr. Athar Hussain (Faculty organizer) described about the workshop program at the starting. Student Coordinators involved in this

DEPARTMENT OF CIVIL ENGINEERING

training program were Garima Sharma, Ankit batra, Abhishek Singh, Rachit Saxena, Shatrughan kumar Yadav.

(iii)Short term training programme coordinated by Dr. Shilpa Pal and Dr. Harlal Mali on “Computer Aided Engineering Graphics and Drawing” from 13 – 17 June 2011 for University.

(iv)The 3 day training programme was coordinated by Dr. Shilpa Pal and Dr. V.K. Shanwal on rapid Visual Screening of Buildings jointly with NIDM, Sponsored by NIDM GOI, Ministry of Home Affairs, in school of Engineering from 19th – 21st June 2013

(v)One day Workshop of Seismic Design coordinated by Dr. Shilpa Pal and jointly organized by GBU and Civil Simplified, Bangalore on 28th March 2014.

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

- i. Preparing Handouts notes and Lectures
- ii. PowerPoint presentations
- iii. Assignments, Quizzes
- iv. Field Visits

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? On the basis of continuous assessment of students by conducting surprise tests and quizzes, mid semester exams, end semester exams and presentations

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

(i) Students of 5 Year Integrated B.Tech. + M.Tech. (VII semester) with specialization in Environmental Engineering visited a state of art water and wastewater treatment plant located at Okhla, New Delhi under Delhi Jal Board. The visit was coordinated by Dr. Athar Hussain, HOD civil engineering department along with Dr. Shobha Ram, Assistant Professor, Civil Engineering department.

(ii) Students of 5 Year Integrated B.Tech. + M.Tech. (IX semester) with specialization in Environmental Engineering along with Dr. Athar Hussain HOD civil engineering department have attended a one day conference at National Productivity Council a body under Ministry of Commerce and Industry, New Delhi at NPC's Conference Hall at New Delhi on the subject “Lean Management for Productivity Enhancement & Greening the Organization”. Shri Susheel Kumar, IAS (Chairman, Central Pollution Control Board & Additional Secretary, Ministry of Environment & Forests, Govt. of India) was the Chief Guest for this occasion.

(iii)Students of 5 Year Integrated B.Tech. + M.Tech. (VIII semester) with specialization in Environmental Engineering along with Dr. Athar Hussain HOD civil engineering department have attended a one day conference at

DEPARTMENT OF CIVIL ENGINEERING

National Productivity Council a body under Ministry of Commerce and Industry, New Delhi at NPC's Conference Hall at New Delhi on the subject "Green Business Ventures – Towards innovative products, processes and development". Shri Dinesh Singh, IAS (Additional Secretary, Ministry of Statistics and Programme Implementation) was the Chief Guest for this occasion.

- 48. Give details of “beyond syllabus scholarly activities” of the department:**
Group participation in various activities and technical debates and festivals in the university and outside the university
- 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.** The faculty members encouraging research scholars and PG students to publish research papers in their specialized areas
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**
Strengths: State of art Labs, Infrastructure facilities such as classrooms and library
Opportunities: Consultancy and research, R & D Projects can be taken
Challenges: Placement of students, Faculty recruitment
- 52. Future plans of the department:**
 - i. To emphasize more on research and development work utilizing departmental facilities of labs etc.
 - ii. To conduct faculty development training programmes, Expert Lectures and workshops in future
 - iii. To organize national and international conferences in order raise the department at it high on world paltform

ANNEXURE-I

Dr. Shilpa Pal: Publications International Journals

1. **Shilpa Pal**, D.K.Paul and A.D.Pandey (2008). “Seismic Stability Analysis of the Top Block in a Cracked Dam”, International Journal of Dam Engineering, Vol XIX Issue 1, June 2008, Pg 39-56.
2. **Shilpa Pal**, Amir M. Kaynia, Rajinder K. Bhasin and D.K. Paul (2011), “Earthquake Stability Analysis of Rock Slopes - A Case Study,” International Journal of Rock Mechanics and Rock Engineering, DOI 10.1007/s00603-011-0145-6.
3. Naveen Pareek, **Shilpa Pal**, M.L. Sharma, M.K.Arora (2013), “Study of effect of seismic displacement on landslide susceptibility zonation (LSZ) in Garhwal Himalayan region of India using GIS and remote sensing techniques,” Computer & Geosciences, Pg 50-63.
4. Naveen pareek, Mukat Lal Sharma, Manoj Arora, **Shilpa Pal** (2013), “Inclusion of earthquake strong ground motion in a GIS based Landslide Susceptibility Zonation (LSZ) in Garhwal Himalayas,” Natural Hazards, 65(1), 739-765.
5. Naveen Pareek, **Shilpa Pal**, Amir. K Kaynia, M.L.Sharma (2014), “Empirical –based seismically induced slope displacements in a geographic information system environment: a case study”, Georisk, 8(4).
6. Sachin Tiwari, **Shilpa Pal**, R.P. Pathak (2015), “Structural Health Monitoring Of A Concrete Structuresin Gautam Buddha University,” International Journal Of Engineering Sciences & Research Technology, 124-133, 4(4) ISSN: 2277-9655.
7. V.Vashishth,, **Shilpa Pal**, N.V.Mahure, M. Vyas, & P. Sharma (2015), “Impact of High temperature on Multiblended Concretes,” International Research Journal of Engineering and Technology, Vol 2, Issue 2, 563-570, e-ISSN: 2395 -0056 p-ISSN: 2395-0072.

Dr. Shilpa Pal: Publications National Journals

1. Paul, D.K. and **Pal, Shilpa** (2007), “Numerical Modelling of Earthquake-Triggered Landslide in Jointed Rock Slope,’ Disaster & Development, Journal of NIDM, Vol. 1, No. 2, New Delhi, ISSN 0973 - 6700.
2. **Pal, Shilpa**, Kaynia, A.M., Bhasin, R. and Paul, D.K. (2011), “Distinct Element Stability Analysis of Surbhee Resort Landslide in Garhwal Himalayas, India,” Disaster & Development, Journal of NIDM, Vol. 5, No.1 & 2 April & November, New Delhi(in press), ISSN 0973-6700.
3. Mahadevan, V., Bihani, K. and **Pal, Shilpa**, “Effect of Width Variation of GFRPC Laminates on Flexural Strength of RC Beams,” Journal of Civil Engineering and Environmental Technology, Vol 2, No. 6, April – June 2015, Pg 540-544, Print ISSN :2349-8404.

4. Singh, A. & **Pal, Shilpa**, "Lightweight Concrete a Boon in Civil Engineering - Review," Journal of Civil Engineering and Environmental Technology, Vol 2, No. 5, April – June 2015, Pg 451-455, Print ISSN :2349-8404.
5. Khushwaha, A., Saxena R., & **Pal, Shilpa**, "Effect of Titanium Dioxide on the Compressive Strength of Concrete," Journal of Civil Engineering and Environmental Technology, Vol 2, No. 6, April – June 2015, Pg 482-486, Print ISSN :2349-8404.
6. Saxena R., Khushwaha, A., & **Pal, Shilpa**, "Effect on Compressive Strength of Concrete with Partial Replacement of Sand using Iron Slag," Journal of Civil Engineering and Environmental Technology, Vol 2, No. 6, April – June 2015, Pg 510-513, Print ISSN :2349-8404.
7. Saxena, P., Chauhan, A., Teotia, D., **Pal, Shilpa**, " Review paper on Structural Health Monitoring: Its benefits and scope in India," Journal of Civil Engineering and Environmental Technology, Vol 2, No. 2, Jan - March 2015, Pg 109-112, Print ISSN :2349-8404.

Dr. Athar Hussain: List of International Publications:

- 1.“Treatment of phenolic wastewater in UASB reactor: Effect of Nitrogen and Phosphorous”, **Athar Hussain**, Pradeep Kumar and Indu Mehrotra, Bioresource Technology, Elsevier Science, **Vol. 99, 2008, (I.F. 5.17)**.
- 2.“Nitrogen biotransformation in anaerobic treatment of phenolic wastewater” **Athar Hussain**, Pradeep Kumar and Indu Mehrotra, Desalination, Elsevier Science, **Vol. 250, (2010) 35-41, (I.F. 2.75)**.
- 3.“Phenolic Wastewater: Effect of F/M on Anaerobic Degradation” **Athar Hussain**, Tabassum Parveen., Pradeep Kumar, and Indu Mehrotra, Desalination and Water Treatment, Deswater, Taylor and Francis, **Vol. 2 (2009) 254–259 (I.F. 0.85)**.
- 4.“Anaerobic treatment of phenolic wastewater: Effect of phosphorous limitation”, **Athar Hussain**, Pradeep Kumar, Indu Mehrotra, Desalination and Water Treatment, Deswater, Taylor and Francis, **20 (2010) 189-196, (I.F. 0.85)**.
- 5.“Specific Methanogenic Activity Test for Anaerobic Degradation of Phenolic Wastewater” **Athar Hussain**, and Shashi Kant Dubey, Desalination and Water Treatment, Deswater, Taylor & Francis **1-11 (2013), (I.F. 0.85)**.
- 6.“Growth And Accumulation Of Heavy Metals In Turnip (*Brassica Rapa*) Irrigated With Different Concentration Of Treated Municipal Wastewater” Tabassum Parveen, **Athar Hussain**, M. Someshwar Rao, International Journal of Hydrology Research, IWA Publishing, **46 (1) 60–71, (I.F. 1.5)**
- 7.“Phenol Biodegradation: A review” by Shashi Kant Dubey and **Athar Hussain**, International Journal of Environmental Engineering –IJEE, **Vol. 1(2)**, SEEK digital Libray, Institute of Research Engineers and Doctors, London Research Press, 2014, 151 - 157.

- 8.Kinetic study for aerobic treatment of phenolic wastewater by **Athar Hussain**, Shashi Kant Dubey and Vinay Kumar, Water Resources and Industry, Elsevier Science, (In Press) (**I.F. 1.05**).
- 9.“Biodiesel Production from Algal Blooms: A Step towards Renewable Energy Generation & Measurement” Shabana Urooj, **Athar Hussain**, Narayani Srivastava, International Journal of Measurement Technologies and Instrumentation Engineering (IJMTIE), **2(3)**, **60-71**, July-September 2012, (**I.F. 0.78**).
- 10.“Ambient Air Quality Monitoring of Aligarh City: A Case Study”, **Athar Hussain**, Mahmood M. Ashaar and Amiya Akram. International Journal of Environmental, Cultural, Economic and Social Sustainability, **Vol. 3**, **2007**, (**I.F. ISSN: 1832-2077**).
- 11.“Phenol Degradation under Methanogenic Conditions in Batch Reactors: Impact of Nitrogen and Phosphorous” **Athar Hussain**, S.K. Dubey, Environmental Research Journal, **Vol. 7 1(2013)**, **57-71**.
- 12.“Distortional Buckling of Stainless Steel Section” Nasim Ahmed and **Athar Hussain**, International Journal of Research in Engineering and Applied Sciences, ISSN: 2249-3905, **Vol. 2 (9)**, 2012, 24-43.
- 13.“Sustainable Structural Design” Nasim Ahmed and **Athar Hussain**, International Journal of Research in Engineering and Applied Sciences, ISSN: 2249-3905, **Vol. 2 (10)**, 2012, 19-30.
- 14.“Implementation and Comparison of Watermarking Algorithms using DWT” Bushra Jamal and **Athar Hussain**, International Journal of Computer Applications (IJCA), **Vol. 62 (9)**, January 2013, 0975 – 8887, (**I.F. 0.81**).
- 15.“Nitrogen and Phosphorus Requirement in Upflow Anaerobic Sludge Blanket Reactor: A Review” **Athar Hussain**, Pradeep Kumar and Indu Mehrotra, Environmental Engineering and Management Journal, Romania “Gheorghe Asachi” Technical University of Iasi, Romania, **Vol. 14 (4)**, 769-780, (**I.F. 1.4**).
- 16.“Groundwater contamination due to fly ash disposal: A Review” by Chanchal, Sangeeta Madan and **Athar Hussain**, Int. J. Adv. Res.Biol.Sci.2014, **1(6)**, ISSN : 2348-8069.
- 17.“Groundwater quality assessment around ash pond of Parichha thermal power plant, Jhansi, India” by Chanchal and **Athar Hussain**, Asian Journal of Water, Environment and Pollution (**Accepted**)
18. Specific Methanogenic Activity Test For Anaerobic Degradation of Influent: A Review by **Athar Hussain** and Shashi Kant Dubey, Applied Water Science, Springer (**accepted**)

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ANNEXURE-II

Training Programmes Attended

Dr. Athar Hussain:

- Attended a two days International conference on advances in civil, structural and environmental engineering (ACSEE-2013) held at Zurich, Switzerland on 12-13 October, 2013.
- Attended 4 day seventh International conference on case histories in geotechnical engineering held at Wheeling Chicago, USA from 1-4 March, 2013

ANNEXURE-III

Workshops and Training Programmes Organized:

Dr. Athar Hussain

- Coordinator of training programme on “Waste Minimization: Tools & Techniques” held on 24 – 26th September 2011, organized by School of Engineering, Gautam Buddha University, Greater Noida.
- Coordinator of training programme on “Sewage Treatment” for Srilankan Engineers held on 23 – 28th May 2011, organized by School of Engineering, Gautam Buddha University, Greater Noida, sponsored by UVA Provincial Council, Provincial Department of Buildings, Pingarawa, BADULLA, SRI LANKA
- Co-Coordinator, International Workshop on Green Initiatives in Energy, Environmental and Health organized by Delhi University, Gautam Buddha University and TERI, held in New Delhi on 2-3 December, 2013
- Co-Coordinator in Short Term Training Programme on Watershed Planning Using Spatial Analysis Techniques (12-14th March, 2012), organized by School of Engineering, Gautam Buddha University, Greater Noida sponsored by Department of Watershed Development & Soil Conservation, Govt. of Rajasthan, Jaipur
- Coordinator of **All India Seminar on Integrated Water Resources Management** held on 2nd December, 2009 Organized by National Productivity Council, New Delhi at Scope Complex, New Delhi

Dr. Shilpa Pal

- Short term training programme coordinated by Dr. Shilpa Pal and Dr. Harlal Mali on “Computer Aided Engineering Graphics and Drawing” from 13 – 17 June 2011 for University.

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- The 3 day training programme was coordinated by Dr. Shilpa Pal and Dr. V.K. Shanwal on rapid Visual Screening of Buildings jointly with NIDM, Sponsored by NIDM GOI, Ministry of Home Affairs, in school of Engineering from 19th – 21st June 2013
- One day Workshop of Seismic Design coordinated by Dr. Shilpa Pal and jointly organized by GBU and Civil Simplified, Bangalore on 28th March 2014.

Annexure for Publications

Name of the Faculty	Number of papers published in peer reviewed journals (national / international)	Mono graphs	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 Social Sciences Directory, EBSCO host, etc.)	Citation Index – range / average	SNIP	SJR	Impact Factor – range / average	h-index
Dr. Athar Hussain	18						58			5.2/15	3
Dr. Shilpa Pal							29				3
Dr. Shobha Ram											

**DEPARTMENT OF MECHANICAL ENGINEERING
(SCHOOL OF ENGINEERING)**

DEPARTMENT OF MECHANICAL ENGINEERING

1. **Name of the Department :** Mechanical Engineering
2. **Year of establishment :** 2011
3. **Is the Department part of a School/Faculty of the university?**
Yes, School of Engineering
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
 - Integrated Dual Degree B.Tech.+M.Tech/MBA
 - M. Tech. (Thermal Engg., Design Engg and Manufacturing Engg.. Industrial Engg.a nd Management)
 - Ph. D. in Mechanical Engg.
5. **Interdisciplinary programmes and departments involved-**
Five years Integrated Dual degree B. Tech. + MBA offered by Department of Mechanical Engineering and Department of Business Management
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
None
7. **Details of programmes discontinued, if any, with reasons**
None
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
Semester, Choice Based Credit System
9. **Participation of the department in the courses offered by other departments**
ME101 (Engineering Mechanics), (B.Tech+ M.Tech /MBA: Civil, Electrical, Electronics and Computer)
ME102 (Engineering Workshop), (B.Tech+ M.Tech /MBA: Civil, Electrical, Electronics and Computer)
ME401 (Power Plant engineering), (B.Tech+ M. Tech /MBA : Electrical)
ME 208 (Fluid Mechanics), M. Tech Food Technology
ME 301 (Heat and Mass Transfer) M. Tech Food Technology
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS and MPS)
Professor	For details, refer to section 1(24) of SSR	None	None
Associate Professors		None	None
Asst. Professors		03	None
Others, RA		01	None

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

DEPARTMENT OF MECHANICAL ENGINEERING

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D. registered / M.Tech. students guided for the last 4years
Dr. Satpal Sharma	Ph. D.	Assistant Professor	Manufacturing	17	0
Dr. R. K. Mishra	Ph. D.	Assistant Professor	Design	17	01
Dr. Harish Chand Thakur	Ph. D.	Assistant Professor	Thermal	16	0
*Dr. BrajeshTripathi	Ph. D.	Assistant Professor	Thermal	09	0
Dr. Anurag Dixit	Ph. D.	Research Associate	Design	05	0

***Dr. BrajeshTripathi is on leave.**

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**
Dr Bharat Bhushan Gupta – Distinguished Professor (From 01 Feb 2012 to 31 July 2012)

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

Sr. No.	Program	Classes (hour) taken by temporal faculty
1.	B. Tech.+ M. Tech. /MBA (ME)	58%
2.	M. Tech (Design Engg.)	30%
3.	M. Tech (Thermal Engg.)	30%
4.	M. Tech (Manufacturing Engg.)	47%

- 14. Programme-wise Student Teacher Ratio**

Sr. No.	Program	Student Teacher ratio
1.	B. Tech+ M. Tech /MBA (Mechanical Engg.)	14:1
2.	M. Tech. (Design)	2:1
3.	M. Tech. (Thermal)	2:1
4.	M. Tech. (Manufacturing)	2:1

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

DEPARTMENT OF MECHANICAL ENGINEERING

	Sanctioned	Filled	Actual
Technical Staff	-----	05	-----
Administrative	-----	01	-----

- 16. Research thrust areas as recognized by major funding agencies**
None
- 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.**
None
- 18. Inter-institutional collaborative projects and associated grants received**
a) National collaboration b) International collaboration
None
- 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**
None
- 20. Research facility / centre with**
 - state recognition
None
 - national recognition
None
 - international recognition.
None
- 21. Special research laboratories sponsored by / created by industry or corporate bodies**
None
- 22. Publications:**
1. Number of papers published in peer reviewed journals (national / international)
National 12 / International 94
2. Monographs
None
3. Chapters in Books
None
4. Edited Books
None
5. Books with ISBN with details of publishers
6. None
7. Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database -

- International Social Sciences Directory, EBSCO host, etc.)**
National 04 / International 75
8. **Citation Index – range / average**
9. **SNIP**
 Unknown
10. **SJR**
 Unknown
11. **Impact Factor – range**
 0.4 to 2
12. **h-index**
 Highest 6
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):**
 University funds for faculty members for doing faculty recharge programmes. The details of professional development allowances have been attached in annexure.
28. **Student projects**
 • percentage of students who have done in-house projects including inter-departmental projects:
 60%
 • percentage of students doing projects in collaboration with other universities industry / institute:
 40%
29. **Awards / recognitions received at the national and international level by**
 • **Faculty :**
 DAAD Scholarship
 • **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. : Nil**

DEPARTMENT OF MECHANICAL ENGINEERING

31. Code of ethics for research followed by the departments
As per Institutional ethical Committee of conduct / ethics

32. Student profile programme-wise: Admission

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Integrated Dual Degree B.Tech+M.Tech. /MBA	Refer to Annexure-Vol-II/1				
2010-2015 Batch		42	11	100	100
2011-2016 Batch		87	15	ongoing	
2012-2017 Batch		54	9	ongoing	
2013-2018 Batch		59	7	ongoing	
2014-2019		52	11	ongoing	
M. Tech.		11	5	100	100
Ph.D.		11	nil	1 awarded	

33. Diversity of students: Admission

Name of the students from other universities (refer from the question no. 4)	% of students from same university	% of students within the State	% of students From universities outside the State	% of students from other countries
Integrated Dual Degree B.Tech.+M.Tech/MBA				
2010-2015 Batch			$(14/53) \times 100 = 26.4\%$	
2011-2016 Batch			$(30/102) \times 100 = 29.4\%$	
2012-2017 Batch			$(12/63) \times 100 = 19.0\%$	
2013-2018 Batch			$(21/66) \times 100 = 31.8\%$	

DEPARTMENT OF MECHANICAL ENGINEERING

2014-2019 Batch			$(22/63) \times 100 =$ 34.9%	
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- 34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

GATE- 2010-15batch ---- 03 (Got Scholarship)

2011-16batch----07 (Qualified)

- 35. Student progression**

Student progression	Percentage against enrolled
UG to PG(Integrated Masters)	100%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
<input type="checkbox"/> Campus selection	01
<input type="checkbox"/> Other than campus recruitment	Nil
Entrepreneurs	Nil

- 36. Diversity of staff**

Percentage of faculty who are graduates of the	
same university	Nil
from other universities within the State	1%
From university from other states	5%
University outside the country	--

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

01

- 38. Present details of departmental infrastructural facilities with regard to**

- a) Library:**

- Nil
- b) Internet facilities for staff and students :**
100 %
- c) Total number of class rooms:**
4 lecturer halls+ 2 tutorials rooms
- d) Class rooms with ICT facility :**
100 %
- e) Students' laboratories :**
100 %
- f) Research laboratories:**
Under Progress
- 39. List of doctoral, post-doctoral students and Research Associates**
- a) from the host institution/university :**
Nil
- b) from other institutions/universities:**

S. No.	Name of Student	Registration No.
1	Mr. Rajul Garg	13/Ph. D. /ENGG./020
2	Mr. Sharavan Kumar Dubey	13/Ph. D. /ENGG./021
3	Mr. Ajay Giri	13/Ph. D. /ENGG./015
4	Mr. Kanwarjeet Singh	13/Ph.D./ENGG./017
5	Mr. Praveen Kumar	13/Ph.D. /ENGG./019
6	Mr. Nitin Johri	11/Ph.D. /ENGG/121
7	Mr. Prashant	11/Ph.D. /ENGG/123
8	Mr. Gaurav Arora	13/Ph.D. /ENGG./016
9	Mr. Neeraj Kumar Sharma	13/ Ph.D. /ENGG./018
10	Mr. Shashi Prakash Dwivedi	13/Ph. D. /ENGG./022

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.

1. Based on choice of students,

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, Inputs of faculty members of the department are used to improve the content course structure subjects and Labs.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

Department uses two mechanism to obtain feedback]k of the students.

The first is an optional feedback from the students regarding their

ongoing courses. This allows faculty members to revisit and reconsider their approach towards class participation, teaching style and assessment and tutorials.

The second feedback is conducted at the end of each semester which is compulsory.

- c. **alumni and employers on the programmes offered and how does the department utilize the feedback? :**

Nil

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

Only Ist Batch Pass out in 2015.

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

01, Lecture delivered by Dr. R. K. Pandey IIT Delhi.

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

1. Conventional black board method,

2. Power point presentation and IT based audio-visual lectures.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Through Mid-Semester, End-Semester, Quiz, Viva and Power point presentation by students

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

1. Eco-kart competition organized in Feb 2015

2. 2 Short term training programmes organized by department (June 2011 and Dec 2011)

48. **Give details of “beyond syllabus scholarly activities” of the department.**

1. Organized Eco-kart

2. Boat wars

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.**

1. M. Tech. Dissertation and Research,

2. Publication in National and International journal of repute.

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

Strength:

1. Present faculty is well qualified (all are Ph. D.),

2. Laboratories are well equipped,

3. Classrooms are air conditioned and equipped with IT support system (Audio-Visuals).

Weakness:

1. Acute Shortage of Faculty
2. Acute shortage of qualified lab technicians

52. Future plans of the department.

1. Planned to submit Research Projects,
2. Plan to organize an international conference/Seminar/workshop,
3. Invited lectures by eminent personalities from industry/Academics,
4. Plan to obtain consultancy projects.

**DEPARTMENT OF ELECTRICAL ENGINEERING
(SCHOOL OF ENGINEERING)**

DEPARTMENT OF ELECTRICAL ENGINEERING

1. **Name of the Department** – Electrical Engineering
2. **Year of establishment** - 2010
3. **Is the Department part of a School/Faculty of the university** –
School of Engineering
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)** –
 - Integrated Dual Degree B.Tech + M.Tech/MBA
 - M.Tech
 - Ph.D.
5. **Interdisciplinary programmes and departments involved** -
Five years Integrated Dual Degree B.Tech + MBA offered by Deptt. of Electrical Engineering and Department of Business Management
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
-None
7. **Details of programmes discontinued, if any, with reasons** - None
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System** – Semester, CBCS
9. **Participation of the department in the courses offered by other departments**-
Yes.
EE102 (Electrical Technology); B.Tech + M.Tech/MBA: ME, CE, CS, EC, FPT branch
EE104 (Electrical Technology Lab); B.Tech + M.Tech/MBA:ME, CE, CS, EC, FPT branch
EE202 (Measurement and Instrumentation); B.Tech + M.Tech/MBA: EC, FT
EE216 (Measurement and Instrumentation Lab) B.Tech + M.Tech/MBA: EC , FT
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	As per Section 1(24) of SSR		
Associate Professors			
Asst. Professors	04		
Others – FA/RA	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 (Total)	No. of Ph.D. registered/ M.Tech. students guided for the last 4 years
Dr. Yogesh Chauhan	Ph.D	Assistant Professor	Power converters and Drives	16	0 1/27
Dr. M. A. Ansari	Ph.D	Assistant	Instrumentation & Control, Image	16	0 3/17

DEPARTMENT OF ELECTRICAL ENGINEERING

		Professor	Processing		
Dr. Nidhi Singh Pal	Ph.D	Assistant Professor	Control Systems, Optimization	9 years	0 1/14
Dr. Shabana Urooj	B.E, M. Tech., Ph. D	Assistant Professor	Instrumentation & Control, Biomedical Instrumentation	More than 16	05 / 27
Mr. Rupendra Pachauri	M. Tech, Ph. D (P)	RA/F	Control and Renewable Energy	06	00/ 12

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

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

S.No.	Program	Class (Hours) taken by temporary faculty
1.	Int. B.Tech.+M.Tech (EE)	96/181=53%
2.	M.Tech. (IC)	9/23=39%
3.	M.Tech. (PED)	65%
4.	M.Tech. (PS)	62%

14. Programme-wise Student Teacher Ratio-

S.No.	Program	Total number of students	Teachers	ST Ratio
1.	Int. B.Tech.+M.Tech/MBA (EE)	297	5 (R)+15(GF)	15:1
2.	M.Tech. (IC)	01	2 (R)+5 (GF)	1:7
3.	M.Tech. (PED)	06	2(R)+5(GF)	6:7
4.	M.Tech. (PS)	26	3(R)+9(GF)	26:12

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

Technical – 1

(GBU)+ 4(Outsource)

Administrative Staff – 2

Total=7

16. Research thrust areas as recognized by major funding agencies –

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 - 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:Nil

- state recognition
- national recognition
- international recognition

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

DEPARTMENT OF ELECTRICAL ENGINEERING

bodies - Nil

22. Publications:

- Number of papers published in peer reviewed journals (national / international):
0+5+1+1/20+16+14+5+5=7/60
- Monographs: 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.) : **06**
- Citation Index – range / average
(Total Current Citations of Department based on google scholar=500)
- SNIP
- SJR
- Impact Factor – range / average : **0.2 – 5.98/ 9.7**
- h-index : **9**

23. Details of patents and income generated : Dr. Shabana Urooj - 01 Filed in 2013 with Ms. Narayani

24. Areas of consultancy and income generated ^{Nil} nationally / internationally to visit other laboratories / institutions industries in India and abroad

- Dr. Shabana Urooj for IEEE R10 SYW Congress, SriLanka, 9-12 July, 2015
- Dr.M.A.Anasari, International University, Madinah, KSA, Oct 2013-June 2015.

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr. Shabana Urooj :

(a)National Committees

1. Member Standing Committees Technical & Professional Development Activities of IEEE Delhi Section (Delhi & NCR's Conferences under Technical or Financial umbrella of IEEE)

(b)International committees

1. Senior Member Institution of Electrical & Electronics Engineers (EEE –USA)

Dr. M.A.Anasari:

(b) International committees

- Senior Member of IEEE, USA.
- Senior Member of IET (IEE), UK.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

University funds, faculty members for doing for faculty recharge program. The details of professional development allowance is attached in annexure

28. Student projects

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

82.5%

DEPARTMENT OF ELECTRICAL ENGINEERING

- percentage of students doing projects in collaboration with other universities industry / institute (passing out batch in 2015)
17.5%
03 from IIT Delhi, 01 from IIT Khargpur, 03 from AMU, 03 from DU, 01 from NSIT

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

- Faculty : 02 International –Dr. Shabana Urooj
 - i. Young Associate Professional Membership Award 2012 in USA
 - ii. Best Paper Presentation Award 2015 in Italy
- Doctoral / post doctoral fellows
- Students : 02 National Competition of Project Design (1 First Prize and 1 Third Prize) Chirag Ahuja I Prize, Akash Deep III Prize at Dronacharya College.
- Participated in International Competitions viz.
- IEEE XTREME Chirag Ahuja, Aashay Raut etc.
- NI's NIYANTRA Akash Deep etc
- National Creativity Aptitude Test- NCAT Mukul Kumar (AIR 14), Rishu Shrivastava (Conducted at GBU)

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

- Organized Two-days Workshop on “LabVIEW”, April 27-28, 2015.
- Organized Two-days Workshop on “LabVIEW”, April 16-17, 2014.

31. Code of ethics for research followed by the departments: as per Institutional ethical committee of conduct/ethics.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Integrated M.Tech. (2010-15)	Refer to Annexure-Vol-II/1			36/47	11/47
M.Tech. (PS) (2013-15)				9/16	7/16

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

Department of Electrical Engineering, SOE

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

GATE qualified: 03 (2014)

GATE qualified: 02 (2015)

- 35. Student progression**

Student progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil.	-
PG to Ph.D.	02 students (2015-16 session)
Ph.D. to Post-Doctoral	
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> 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	60
from universities from other States	40
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 – 2 , (Mr. Ashok Suhag, Mr. Bhavnesh Kumar)**

- 38. Present details of departmental infrastructural facilities with regard to**

- a) Library - **No**
- b) Internet facilities for staff and students - **Yes**
- c) Total number of class rooms - **12**
- d) Class rooms with ICT facility –
All Class Rooms, Tutorial Rooms, Conference Rooms have ICT Facility
- e) Students' laboratories - **13**

Department of Electrical Engineering, SOE

f) Research laboratories –Advance laboratories are being used for Research purposes.

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

a) from the host institution/university (Doctoral Students)

- Mr. Rupendra Pachauri (R/F A): Dr. Yogesh K. Chauhan
- Mr. Vinod Puri: Dr. Yogesh K. Chauhan & Dr. Nidhi Singh Pal
- Mr. Ankit Gupta: Dr. Yogesh K. Chauhan
- Mr. Vinay Rana: Dr. Yogesh K. Chauhan & Dr. M.A. Ansari
- Mr. Krishan Kumar –Dr.M.A.Ansari
- Mr. M.Partha Sarthi- Dr.M.A.Ansari
- Mr. Shivkaran Ravidas- Dr.M.A.Ansari
- Mr. Satya Prakash : Dr. Shabana Urooj
- Mr. Bharat Singh: Dr. Shabana Urooj
- Mr. Sudhakar Singh: Dr. Shabana Urooj
- Mr. Koti B. Reddy: Dr. Shabana Urooj
- Mr. Adel Saleh: Dr. Shabana Urooj (Foreign Student)*
- Mr. Vikas Bhaduria: Dr. Nidhi Singh Pal & Dr. Vivek Shrivastava
- Mr. Vinod Kumar: Dr. Nidhi Singh Pal
- Mr. Chanderjeet singh: Dr. Nidhi Singh Pal

b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university -03 (GATE Scholarship from AICTE)

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

-Through BOS includes external experts.

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 of faculty is used to improve the course structure and course content by discussing in BOS meeting. The BOS committee is constituted with renowned external experts/professors.

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) -Nil

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

- LabVIEW Seminar on 19th Feb 2013 by Mr. Karun Jain NI Academic Consultant at Gautam Buddha University.
- Hacker Hunt 2013 - Ethical Hacking & Cyber Forensic Workshop on April 13th -14th 2013 at Gautam Buddha University technically co sponsored by IIT Kharagpur and IEEE Computational Intelligence Society.
- Distinguished lecture on “Network Security” by Dr. V K Arya (Ex- officio Ministry of Telecommunications) on 14th Aug 2013 at Gautam Buddha University.

Department of Electrical Engineering, SOE

- Seminar and demo of LabVIEW and ELVIS on 16th Aug 2013 from NI Experts at Gautam Buddha University.
 - Electro-Shop Hands-on Workshop (2-days) for first and second year Electrical Engineering Students in School of Engineering, GBU on Electrical Machines on 28-29 Oct 2013.
 - Two Days Workshop on LabVIEW & its Application held on 16-17 April 2014 at School of Engineering, GBU by Mr. Ninand Regundwar and Mr. Mangesh Dhobale, National Instrument's Representatives.
 - Celebration of Engineer's Day with a Technical Lecture by Prof. Shiban K. Koul (Dy. Dir. IIT-D) at School of Management, GBU on 15th Sep 2014.
 - Celebration of IEEE Day with Technical Lecture by Dr. K Subramanian, Vice Chair Delhi Section and Mr. Daman Dev Sood, IEEE Ambassador India, on 9th- 10th Oct 2014. IEEE Day Celebration in 2014, sponsored by PR&P and IEEE Delhi Section.
 - Expert Talk by Prof. Akhtar Kalam of Victoria University, Australia on Research and Industrial Collaboration and Sharing Experience, 30th Jan 2015.
 - National Thermal Power Corporation Annual Trip, organized by IEEE GBU Student Branch on 13 May 2015.
45. **List the teaching methods adopted by the faculty for different programmes.** – Blackboard Teaching, PPT, Lab demos, handouts
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
The program objectives are met using mid and semester examinations, quiz and viva.
47. **Highlight the participation of students and faculty in extension activities.**
Three days “Short term training program on Matlab” organized by EED in July 2011.
48. **Give details of “beyond syllabus scholarly activities” of the department.**
Same as mentioned in point no. 44
48. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.** - No
49. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**
 - Opening of new M.Tech programmes
 - Actively involvement in research and Development
50. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**
Strength: More PG programs, well qualifies faculty, well equipped labs and world class infrastructure and class rooms with multimedia facilities,
Weakness: Newly established department, shortage of faculty
Opportunity: Being in NCR, more opportunity for students
Challenges:, Stabilization of department
51. **Future plans of the department.** : Projects and Collaborative Research

**DEPARTMENT OF ARCHITECTURE & REGIONAL
PLANNING**

**DEPARTMENT OF ARCHITECTURE &
REGIONAL PLANNING**

(SCHOOL OF ENGINEERING)

DEPARTMENT OF ARCHITECTURE & REGIONAL PLANNING

- 1. Name of the Department:**
ARCHITECTURE & REGIONAL PLANNING
- 2. Year of establishment :** 2011
- 3. Is the Department part of a School/Faculty of the university? YES**
School of Engineering
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
 - a. Bachelor of Architecture - 5 Years Full Time Program
 - b. Master of Urban & Regional Planning – 2 years Full Time Program
 - c. Ph. D
- 5. Interdisciplinary programmes and departments involved :**
Interdisciplinary Programs with Engineering, School of Applied Science & School of Humanities
- 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**
Course of Civil Engineering
Courses of Mathematics
Courses of Humanities
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS&mps)
Professor	As per Section 1(24) of SSR	Nil	
Associate Professor		01 Deputation Position Lapsed	
Assistant Professor		02 (One Left Organization)	

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

**DEPARTMENT OF ARCHITECTURE & REGIONAL
PLANNING**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 Years
Nirmita Mehrotra	B. Architecture, M. PLANNING Ph D.	Assistant Professor/ HOD	Urban Planning	23 years	Nil

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**
- a. Prof. HB Singh, Director (RTD.) School of Planning & Architecture, New Delhi
 - b. Prof. AK Sharma, Director (Rtd.) School of Planning & Architecture, New Delhi
 - c. Prof. Ved Mittal
- 13. Percentage of classes taken by temporary faculty – programme-wise information**
90%
- 14. Programme-wise Student Teacher Ratio**
B. Arch 1: 20
MURP 1: 5
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**
Office Assistant -01
Technical Assistant -01
- 16. Research thrust areas as recognized by major funding agencies**
- a. Climate Change & Sustainable Development
 - b. Sustainable & Inclusive Housing Development
 - c. Disaster Resilient Urban System
 - d. Energy Passive Architecture
 - e. Emergency Shelters Planning
 - f. Fire safe Low Cost Structure
 - g. Low Cost Housing
- 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 - Nil

DEPARTMENT OF ARCHITECTURE & REGIONAL PLANNING

19. b) International collaboration - Nil
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
 - 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) 20
 - * Monographs
 - * Chapters in Books 01
 - * 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 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 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).
Workshops & Training Programs
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 :
National Award 1999, ISTE-SGSITS National Award for Best Research Work by Young Teachers

DEPARTMENT OF ARCHITECTURE & REGIONAL PLANNING

- 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-
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B. Arch 2012-13	Refer to Annexure-Vol-II/1	08	07	100%	100%
B. Arch 2013-14		06	06	100%	100%
B. Arch 2013-14		17	17	100%	100%
B Arch 2014-15		03	02	-	-
M. Urban & Regional Planning 2010-11		04	Nil	100%	100%
M. Urban & Regional Planning 2011-12		nil	Nil		
M. Urban & Regional Planning 2012-13		nil	Nil		
M. Urban & Regional Planning 2013-14		04	01	100%	100%
M. Urban & Regional Planning 2014-15		02	02	-	-
Ph D 2011-12		01	02		

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.Arch	5%	80%	15%	
Master in Urban Regional Planning	-	80%	20%	
Ph D.	33%	33%	33%	

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

DEPARTMENT OF ARCHITECTURE & REGIONAL PLANNING

Give details category-wise.

Not Applicable

35. Student progression Not Applicable Now

Student progression	Percentage against enrolled
UG to PG	Not Applicable
PG to M.Phil.	Not Applicable
PG to Ph.D.	Not Applicable
Ph.D. to Post-Doctoral	Not Applicable
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> 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	
from universities from other States	
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

38. Present details of departmental infrastructural facilities with regard to

- a) **Library** 20 Book & Journals
- b) **Internet facilities for staff and students:** Wifi Campus for Faculty & Students

DEPARTMENT OF ARCHITECTURE & REGIONAL PLANNING

- c) **Total number of class rooms** 07 Architectural Studio
d) **Class rooms with ICT facility** 07 with overhead Projectors
e) **Students' laboratories** GIS Lab, Survey Lab, Material Lab, Climatology Lab have been planned in sharing basis with Civil Engineering Department. Photography Lab, & Model Making Workshop at Department Level.
f) **Research laboratories**

- 39. List of doctoral, post-doctoral students and Research Associates**
• from the host institution/university 1. Nirmita Mehrotra
• from other institutions/universities 1. Deepti Parashar (Sharda 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 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? NIL
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)** Not Applicable
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Special Lecture for Master of Urban & Regional Planning Program

1. Prof HB Singh Impetus Regional Planning on Development of Urban Areas.
2. Prof. Surinder Suneja, Role of Landscape Planning in Development of Mathura City.
3. Prof RK Jinghan, Role of Indigenous Plants & Bio diversity in development of Landscape

Workshop for B. Architecture

- Energy Passive Architecture (Conducted in Eco Design Workshop Sept 2014)
- Low Cost Housing Design By HUDCO (Conducted in Eco Design Workshop Sept 2014)

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

DEPARTMENT OF ARCHITECTURE & REGIONAL PLANNING

1. Site Visits to Places Historical Importance
 2. Field Visits to Construction Sites
 3. 3D Models Development
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
1. Five Weeks summer Internship at beginning of VII Sem
 2. Participation in National Events & Trophies by Annual Convention of National Association of Students of Architectures (NASA) & Zonal NASA
- 47. Highlight the participation of students and faculty in extension activities.**
1. Eco Design Fair – A creative Workshop Organized By Students OF Architecture- Where students gathered sponsorship & organized competitions with participation from other Architecture Students.
- 48. Give details of “beyond syllabus scholarly activities” of the department.**
- Project Proposal sent to National Human Rights Commission for Internally Displaced Population for design of transit shelters
- 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.** Nil
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**
- Strength – Availability of Multidisciplinary Expertise
Weakness - Nil
Opportunities – Fully Residential Campus with state of Art Infrastructure Facilities & Labs, Syllabi formulated as per industries demand.
Challenges - Full Time Teaching Fraternity
- 52. Future plans of the department.**
Two more Master Program to cater the specialized knowledge of built Environment as per initial Vision Document of the University.

As Limited University are conducting Curriculum of Architecture & Planning, Department of Architecture & Planning in Gautam Buddha University, will likely to grow as centre of Regional importance.

**DEPARTMENT OF ECONOMICS, PLANNING &
DEVELOPMENT**

(SCHOOL OF HUMANITIES AND SOCIAL SCIENCES)

DEPARTMENT OF ECONOMICS, PLANNING & DEVELOPMENT

- 1. Name of the Department :** Department of Economics, Planning & Development
- 2. Year of establishment :** 2011
- 3. Is the Department part of a School/Faculty of the university? :** Yes, it is a part of School of Humanities and Social Sciences, GBU.
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :** M.A. in Economics, Planning & Development, Ph D in Economics, Planning & Development
- 5. Interdisciplinary programmes and departments involved:** Students of the department opt the open elective courses offered by other departments as per CBCS system.
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc. :** None
- 7. Details of programmes discontinued, if any, with reasons:** No Programme discontinued.
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Semester System (Choice Based Credit System)
- 9. Participation of the department in the courses offered by other departments:** Students participate in PDL (Professional development and Learning) course offered by other Department and also study Human values and Buddhist Ethics provided by School of Buddhist Studies and Civilization. From 2015-16, a course on value education is also offered by the Department of Education and Training.
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Ref.S.1 (24)	Nil	Nil
Associate Professor	Ref.S.1 (24)	Nil	Nil
Assistant Professor	Ref.S.1 (24)	Nil	Nil
Others (Faculty Associate)	Ref.S.1 (24)	01	Nil

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

Name	Qualification	Designation	Specialization	No. Of Ph.D./M.Phil. students guided for the last 4 years	No. of students guided for the last 4 years
Dr. Roopali Srivastava	Ph. D.	Faculty Associate	Economics	05+Years	None

DEPARTMENT OF ECONOMICS, PLANNING & DEVELOPMENT

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil
13. **Percentage of classes taken by temporary faculty – programme-wise information:** M.A Economics, Planning & Development Programme-40% (classes taken by faculties of other department)
14. **Programme-wise Student Teacher Ratio:** 6:1
15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:** support staff available at the School Level
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- Not Yet b) International collaboration-Not Yet
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:** None
20. **Research facility / centre with :** Nil
 - state recognition-None
 - national recognition-None
 - international recognition-None
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):

Faculty Name	National Journal	International Journal
Dr. Roopali Srivastava	1	3

- * Monographs: Nil
- * Chapters in Book: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.) : 3
- * Citation Index – range /average: N.A.
- * SNIP: N.A.
- * SJR : N.A.
- * Impact Factor – range / average: N.A.
- * h-index : N.A.

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**
-

DEPARTMENT OF ECONOMICS, PLANNING & DEVELOPMENT

- / 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).**
- For undertaking these programmes, University funds faculty members as per the norms.
- 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: None
- 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.**
None
- 31. Code of ethics for research followed by the departments:** UGC
- 32. Student profile programme-wise:**

Name of the Programme (M.AEconomics,Planning & Development)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2012	5	3	1	75%	100%
2013	29	2	5	100%	100%
2014	14	2	8	continuing	continuing
2015	10	3	1	continuing	continuing

33. Diversity of Students

Name of the Programme (M.AEconomics,Planning & Development)	% 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
2012	0	50	50	0

DEPARTMENT OF ECONOMICS, PLANNING & DEVELOPMENT

2013	0	72	28	0
2014	0	60	40	0
2015	0	25	75	0

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

- 35. Student progression**

Student progression	Percentage against enrolled
UG to PG	N.A.
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	N.A.
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	Nil
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same University	Nil
from the other universities within the state	100%
From universities from other state	0
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:** None

- 38. Present details of departmental infrastructural facilities with regard to**
- Library : Nil (University Library Available)
 - Internet facilities for staff and students : Yes
 - Total number of class rooms:02
 - Class rooms with ICT facility : 100%
 - Students' laboratories : Nil
 - Research laboratories :Nil
- 39. List of doctoral, post-doctoral students and Research Associates**
- from the host institution/university: List of Doctoral Students given below
 - from other institutions/universities : Nil
1. Ms. Rishu Bhardwaj – Ph.D. Scholar
- 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.: No new programme was introduced.**
- 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?
Regular discussion is held among the faculty members and BoS meeting is conducted periodically to revise and update the syllabus.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- As per University norms
 - 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): N.A.**
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Due to lesser number of students in various departments of the School, such activities are being conducted at School level. Highlights are as below:

- ‘Lifestyle Correction for Prevention and Management of Diabetes and Hypertension’ organized by Butterflies on 4th February 2012 at Indian International Centre, New Delhi.
- On the occasion of International Women’s Day the Corporate Relations Cell of Gautam Buddha University (GBU) celebrated the International Women’s Day 2012 on the 16th of March, 2012. The speakers spoke on the theme ‘*Women as the way forward*’. The lectures were followed by a panel discussion based on the current theme of UN International Women’s Day 2012 ‘*connecting girls and inspiring future*’.

DEPARTMENT OF ECONOMICS, PLANNING & DEVELOPMENT

- A multi stakeholder meeting was organised on 22 May 2013, on the Theme: Child Sexual Abuse-Prevention, Reporting and Effective Intervention. The meeting was attended by local NGO representatives, students, government officials, faculty members and volunteers.
 - 27th April, 2015 (an invited lecture was delivered by Prof. Pranab Banerji, Professor of Economics, Indian Institute of Public Administration, New Delhi, at Gautam Buddha University on “The Social Dimensions of Green Economy and Sustainable Development” organised by the Department of Economics, Planning and Development.
- 45. List the teaching methods adopted by the faculty for different programmes.**
- Periodic Group Discussions are being held on regular basis wherein students and faculty members participate in valuable discussion on current issues related to Economics etc.,,
 - In addition to above, students are also been asked to make presentations periodically related to core course structure.
 - Provision of resource material to supplement teaching.
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
- The Department conducts the interactive sessions with the students and the students are encouraged to give/analyze real life situations/examples on the basis of their theoretical training in the classes. They are also encouraged to take up projects/assignments reflective on the objectives on learning outcomes of the Course.
- 47. Highlight the participation of students and faculty in extension activities:**
- Participation in recreational activities, like sports , games, cultural programmes etc.,
- 48. Give details of “beyond syllabus scholarly activities” of the department.**
- Guidance/Supervision provided to students to present their papers/dissertation work in national/ international conferences/ write papers in the journals.
- 49. State whether the programme/ 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 faculty of the department contributed article in her areas of specialization and expertise. The students of department have done various dissertation works that have micro level exploration of various issues.
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**
-

DEPARTMENT OF ECONOMICS, PLANNING & DEVELOPMENT

Strengths	Weaknesses
<ul style="list-style-type: none"> • The faculty has a distinct area of specialization in Economics. • The Syllabus is designed at par with the present context and by following the national/international guidelines. • The students are motivated and sincere with their academics. • The students have enough opportunities to participate in sports and cultural events in the university 	<ul style="list-style-type: none"> • There is no departmental library • Availability of journals and other resource materials is limited • Some students struggle with English language.
Opportunities	Challenges
<ul style="list-style-type: none"> • Starting new programme at UG Level shall result in increase in overall strength of students in the University. • Organizing seminars and conferences in the department. 	<ul style="list-style-type: none"> • With Hostel, the fee structure is comparatively high and unable to get adequate number of students. • Less number of faculty members on regular scale.

52. Future plans of the department.

- Starting new programme B.A. (Economics Hons.)

**DEPARTMENT OF EDUCATION &
TRAINING**

**(SCHOOL OF HUMANITIES AND SOCIAL
SCIENCES)**

DEPARTMENT OF EDUCATION & TRAINING

1. **Name of the Department :** Department of Education & Training
2. **Year of establishment :** 2011
3. **Is the Department part of a School/Faculty of the university? :**
Yes, the Department is part of School of Humanities and Social Sciences.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**
The Department offers M.A. (Education) and Ph.D. Programme; At present 06 Ph.D. Scholars have been registered with the Department. Besides, the NCTE has issued letter of Intent for B.Ed programme, the matter of affiliation is in progress.
5. **Interdisciplinary programmes and departments involved:** The Faculty of the Department is also involved in teaching various interdisciplinary courses in other Departments/Schools of the University.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** NIL
7. **Details of programmes discontinued, if any, with reasons:** No Programme discontinued. NIL
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Semester System is followed in the Department. The CBCS is adopted from the Current Academic Year (2015-16 session).
9. **Participation of the department in the courses offered by other departments:** It will be followed once the students are enrolled in the Department.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Refer Sec. 1 (24)	Nil	Nil
Associate Professors	As above	Nil	Nil
Asst. Professors	As above	01	Nil
Others	As above	Nil	Nil

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

DEPARTMENT OF EDUCATION & TRAINING

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. Students guided for the last 4years
Dr. V.K. Shanwal	Ph.D.	Assistant Professor	Educational Psychology	11	Guiding 06 Ph.D. Scholars

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil
- 13. Percentage of classes taken by temporary faculty – programme-wise information:** Nil
- 14. Programme-wise Student Teacher Ratio:** 6:1
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Support staff available at the School Level.**
- 16. Research thrust areas as recognized by major funding agencies:** N/A
- 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:**
One Research Project under innovation scheme has been submitted by Dr. J.S. Kadyan to University of Delhi as Principal Investigator under the Mentorship of Dr. V.K. Shanwal, which has been approved. The said research project is funded by the University of Delhi.
- 18. Inter-institutional collaborative projects and associated grants received: As above.**
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
The Department of Education & Training has submitted Proposal for Centre of Excellence for Curriculum and Pedagogy (Teaching Learning Centre and Faculty Development Centre) Under the Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) to Ministry of HRD, Govt. Of India
- 21. Special research laboratories sponsored by / created by industry or**

DEPARTMENT OF EDUCATION & TRAINING

corporate bodies : Nil

22. Publications:

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

	Dr. V.K. Shanwal	Total
National	08	08
Inter-national	01	01
		09

- * **Monographs: 0**

- * **Chapters in Books**

		Total
Book Chapters	08	08

- * **Edited Books: 1**

- * **Books with ISBN with details of publishers: 1**

No. of Books	Details of Books:
1	Emotional Intelligence: The Indian Scenario. Indian Publishers Distributors

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil

- * Citation Index – range /average: N.A.

- * SNIP: N.A.

- * SJR : N.A.

- * Impact Factor – range / average: N.A.

- * h-index : N.A.

23. Details of patents and income generated: NIL

24. Areas of consultancy and income generated:

Educational Psychology, Organizational Behaviour, Guidance & Counseling, Emotional Intelligence, Stress Management, Psychosocial Wellbeing

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

Dr. V.K. Shanwal served as Associate Professor at Fiji National University from March 2012 to June 2012.

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

DEPARTMENT OF EDUCATION & TRAINING

- Dr. V.K. Shanwal is on Editorial Boards of Indian Journal of Psychology & Education (IJPE), ISSN-2231-1432.
27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).** Encouragement and awareness.
28. **Student projects**
- percentage of students who have done in-house projects including inter-departmental projects: Ni
 - 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 :**
Dr. V.K. Shanwal awarded Young Scientist Award, P.B. Buckshey Award, ICSSR Travel Grants. He has also been enlisted under the “Emerging Indians 2007” by ‘The Week-IMRB’ in Science and Technology Category
 - **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.**
1. **Conducted Teacher Training Program** on “Recent Trends in Education & Training” at Gautam Buddha University on 20th & 21st May 2015, partially funded by the University.
 2. **Conducted Workshop** on “Stress Management” for NOIDA & Greater NOIDA Shiksha Samiti School Teachers at Gautam Buddha Balak Inter College, Greater NOIDA on 19th May 2014, funded by NOIDA & Greater NOIDA Shiksha Samiti.
 3. **Conducted Workshop** on “Role of Emotional Intelligence in Education” for School teachers at Gautam Buddha Balak Inter College, Greater NOIDA on 13th December 2013, funded by Gautam Buddha Balak Inter College.
 4. **Organized training programme** on “Rapid Visual Screening of Buildings” jointly organized by National Institute of Disaster Management (NIDM) and GBU held from 19th to 21st June 2013 at Gautam Buddha University, funded by National Institute of Disaster Management, GOI.
 5. **Organized Workshop** on “Enhancing Emotional Competencies: Overcoming Stress” under Management Development Programme, held on 14th & 15th July 2011 at Gautam Buddha University, funds were managed by charging participation fees from the delegates.
31. **Code of ethics for research followed by the departments:** Yes, it is strictly followed to maintain confidentiality, maintain dignity of the subject and ensure biased free information in research (WHO standard).
32. **Student profile programme-wise:** Ph D information should be given from the School level
-

DEPARTMENT OF EDUCATION & TRAINING

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
(refer to question no. 4)					
M.A. (Education)	04	Nil	4	N/A	Due to low number of candidates, they were transferred to other department, on their choice.
Ph.D.		01	05	0%	0%

33.	Diversity of students :				
	N/A				
	Name of the Programme	% of students	% of students from other Universities	% of students from universities	% of Students From Other Countries
	(refer to question no. 4)	from the same university	within the State	outside the State	Other Countries
	Ph.D.	0%	16.6%	83.4%	0

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:** 50% qualified NET
35. **Student progression**

	Student progression	Percentage against enrolled
	UG to PG	0
	PG to M.Phil	0
	PG to Ph.D.	0
	Ph.D. to Post-Doctoral	N.A.
	Employed	
<input type="checkbox"/>	Campus selection	
<input type="checkbox"/>	Other than campus recruitment	N.A
	Entrepreneurs	NA

DEPARTMENT OF EDUCATION & TRAINING

36. Diversity of staff

Percentage of faculty who are	
Graduate of the same university:	Nil
from other universities within the State:	Nil
from universities from other States:	01
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: No one

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Facility of Central Library
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : Available as per requirement
- d) Class rooms with ICT facility : 100%
- e) Students' laboratories : 01
- f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates from the host institution/university: List of Doctoral Students is given below

- 1. Ms. Suruchi Mishra
- 2. Ms. Raj Lakshmi Bhat
- 3. Ms. Shraddha Dhiwal
- 4. Ms. Sapna Bhargava
- 5. Ms. Navita Malik
- 6. Mr. Rajvir Singh

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. : No

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 discussion is held among the faculty members and BoS meeting is conducted periodically to revise and update the syllabus.
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
N/A

DEPARTMENT OF EDUCATION & TRAINING

- 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):** N.A.
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**
- Due to lesser number of students in various departments of the School, such activities are being conducted at School level. Highlights are as below:
- ‘Lifestyle Correction for Prevention and Management of Diabetes and Hypertension’ organized by Butterflies on 4th February 2012 at Indian International Centre, New Delhi.
 - On the occasion of International Women’s Day the Corporate Relations Cell of Gautam Buddha University (GBU) celebrated the International Women’s Day 2012 on the 16th of March, 2012. The speakers spoke on the theme ‘*Women as the way forward*’. The lectures were followed by a panel discussion based on the current theme of UN International Women’s Day 2012 ‘*connecting girls and inspiring future*’.
 - A multi stakeholder meeting was organised on 22 May 2013, on the Theme: Child Sexual Abuse-Prevention, Reporting and Effective Intervention. The meeting was attended by local NGO representatives, students, government officials, faculty members and volunteers.
 - 27th April, 2015 (Monday an invited lecture was delivered by Prof. Pranab Banerji, Professor of Economics, Indian Institute of Public Administration, New Delhi, at Gautam Buddha University on “The Social Dimensions of Green Economy and Sustainable Development” organised by one of the Departments of the School.
- 45. List the teaching methods adopted by the faculty for different programmes.**
- Various methods are adopted by the faculty members based on the requirement of the course.
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
- The Department conducts the interactive sessions with the students and the students are encouraged to give/analyze real life situations/examples on the basis of their theoretical training in the classes. They are also encouraged to take up projects/assignments reflective on the objectives on learning outcomes of the Course.
- 47. Highlight the participation of students and faculty in extension activities.**
- All being working professionals involved in various extension activities
- 48. Give details of “beyond syllabus scholarly activities” of the department.**
- The Research Scholars are encouraged to present their papers in national/international conferences and contribute in the scholarly journals.
- 49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

DEPARTMENT OF EDUCATION & TRAINING

The NCTE is regulatory body for recognition of professional course of the Department. A letter of intent has been issued for B.Ed programme, rest of the process is in progress.

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

The faculty member of the department contributes with research papers, articles, book chapters, and presentations in the Conferences, Workshops etc. in the area of specialization and expertise. The scholars of the department are also taking part in various academic activities.

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

Strengths	Weaknesses
<ul style="list-style-type: none">• Each faculty has a distinct area of specialization.• The Syllabus is designed at par with the national/ international bodies of repute.• The students of the Department are encouraged to apply theoretical knowledge into field.• The students are given adequate opportunity to participate in co-curricular activities.• The Department is equipped with latest equipments and instruments.	<ul style="list-style-type: none">• Lack of departmental library• Limited availability of journals and other resource materials• Relatively poor communication skills of the students• Poor response of students
Opportunities	Challenges
<ul style="list-style-type: none">• Exploring the options for field based studies and consultancy• Deliberating to start new programmes• Creating avenues for extension activities	<ul style="list-style-type: none">• To become competent and at par with other universities of repute.• Attracting students to the existing programmes and creating new skill based programmes

52. Future plans of the department.

- To launch UG and integrated programmes
- To start Special Education Programme
- To work on creating avenues in Extension Education

**DEPARTMENT OF POLITICAL SCIENCE &
INTERNATIONAL RELATIONS**

**(SCHOOL OF HUMANITIES AND SOCIAL
SCIENCES)**

DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

- 1. Name of the Department :** Political Science & International Relations
- 2. Year of establishment :** 2011
- 3. Is the Department part of a School/Faculty of the university? :** School of Humanities & Social Sciences
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :** M.A. (Political Science & International Relations), Ph D in Political Science & International Relations.
- 5. Interdisciplinary programmes and departments involved:** Through CBCS system from 2015-16 session students of 1st year are having options to select Generic Elective courses from other Department.
Faculties taught courses in other Department/ Schools- courses on Human Rights, RTI and Good Governance, Development Induced Conflicts and Local Governance etc.
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
- 7. Details of programmes discontinued, if any, with reasons:** No Programme discontinued: Nil
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:** The University follow Semester pattern. The MA Programme is distributed in four semesters. In every semester the students appear for Mid Semester and End Semester Examination for theory Papers. Final assessment is based on internal evaluation and examinations. CBCS is adapted from 2015-16 session for the 1st batch and further the MA programme will be conducted as per CBCS 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	Refer to SSR Section 1(24)		
Associate Professor			
Asst. Professor			
Others			

- 11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:** Nil
(Remarks: Faculty members are attached from other Departments of School of Humanities & Social Sciences and School of Law Justice & Governance)
- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil
- 13. Percentage of classes taken by temporary faculty – programme-wise information:** Nil
- 14. Programme-wise Student Teacher Ratio:** Minimum 1:2 in MA Programme
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:** Support staff available at the School Level
- 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-**

DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

wise: Nil

18. Inter-institutional collaborative projects and associated grants received:

- a) **National collaboration** b) **International collaboration**
Nil 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 : Nil

- 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): N/A

(Remarks: refer to point no. 11)

- **Monographs:** N/A
- **Chapters in Books:** N/A
- **Edited Books:** N/A
- Books with ISBN with details of publishers: (Remarks: refer to point no. 11)
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : N/A
- Citation Index – range /average: N/A
- SNIP: N/A.
- SJR : N/A
- Impact Factor – range / average: N/A
- h-index : N/A

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

- **National committees:** Nil
- **International committees:** Nil
- **Editorial Boards:** Nil
- **any other (please specify) :** Nil

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 inter-departmental projects:** Nil
- **percentage of students doing projects in collaboration with other universities/industry / institute:** Nil

DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

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: Nil

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

Political Science & IR Research ethics are followed strictly, to maintain confidentiality, maintain dignity of the person and ensure biased free information in research. Ethical issues in Political Science & IR are a core aspect of the professional course.

32. Student profile programme-wise: Ph D information should be given from the School level:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MA- 2012	Refer to Annexure-Vol-II/1	01	03	100%	100%
MA- 2013		01	03	100%	100%
MA- 2014		04	01	continuing	continuing
MA- 2015		01	01	continuing	continuing

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
MA- 2012	Nil	Nil	100%	0
MA- 2013	Nil	80%	20%	0
MA- 2014	Nil	40%	60%	0
MA- 2015	Nil	50%	50%	0

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

DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

34. Student progression

Student progression	Percentage against enrolled
UG to PG	N/A
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	N/A
Entrepreneurs	Nil

35. Diversity of staff:

Percentage of faculty who are graduates	
of the same University	Nil
from the other universities within the state	Nil
From universities from other state	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: Nil

38. Present details of departmental infrastructural facilities with regard to

- a) **Library:** In the University Library there are good number of Political Science & IR Text book and reference books that are referred by the Faculties and Students.
- b) **Internet facilities for staff and students:**
Each of the staff has been provided with individual laptop or desktop computer with internet facility. Residential accommodation in the university campus is also having internet facilities.
Each student is given individual internet password to use internet in their own personal computers. In the Library there is computer with internet facilities that the students can use. In School of Management, the existing computer laboratory is also accessible for the students.
- c) Total number of class rooms: 2
- d) Class rooms with ICT facility: Wi-fi enabled
- e) Students' laboratories : N/A
- f) Research laboratories: N/A

DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

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

- a. **from the host institution/university:** Two Doctoral Students (Hari Kumar S. and Chetna Mishra)
- 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:** No**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 discussion held between the faculties and BOS is conducted to revise and adapt the changes needed in the Syllabus. BOS is being attended by a Professor as an Expert Member from other University from the Discipline of Political Science & IR. First BOS meeting was held in 2011 and the latest in July 2015 to adapt CBCS pattern and review the detail syllabi.

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

The Department uses mainly two mechanisms to obtain feedback from students. The first is an optional feedback from students regarding their ongoing courses while the semester is still in progress. This allows faculty members to revisit and reconsider their approach towards class participation, teaching styles, assessment, feedback on learning, office hours and tutorials. The second feedback is conducted at the end of each semester and is compulsory.

The feedback from students takes into account whether the following parameters are met:

- Faculty encourages class participation
 - Regular feedback on student learning is provided
 - Faculty has clarified course aims and policies and expectations from 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): Nil**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:** Nil**45. List the teaching methods adopted by the faculty for different programmes:**

Besides from classroom methods which is regarded as standard method, the Department follows the method of project presentation, individual conference and group conference, debate and counselling.

DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?:

There is regular interaction between the faculties and also feedback session with the students to ensure the programme objectives.

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

Students are encouraged to take up the practical issues confronting social and political space and deliberate upon them to evolve the suitable ways to redress them.

48. Give details of “beyond syllabus scholarly activities” of the department:

Various documentary films are reviewed and discussions are held to reflect the different dimensions and the implication for Political Science & IR issues.

Faculty members of the Department regularly participate in national/international seminars to remain attune with the current development in the field.

49. State whether the programme/ 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 faculties of the department contributed article, book chapters in their areas of specialization and expertise. The MA students of the Department have done various dissertation works that has micro level exploration of various issues pertaining to politics of the nation.

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

Strengths	Weaknesses
<ul style="list-style-type: none">• Each faculty has a distinct area of specialization.• The Syllabus is designed as per the present context and by following the national/international guidelines.• The students are motivated and sincere with their academics and fieldwork.• The students have enough opportunities to participate in sports and cultural events in the university	<ul style="list-style-type: none">• There is no departmental library• There is no library in Greater NOIDA, to have access to the topic of students' larger interests• Classrooms without functional projectors (Audio/visual Aid)
Opportunities	Challenges
<ul style="list-style-type: none">• Exploring the options for field based studies and consultancy• Starting new programme at PG-Diploma Level• Extending the fieldwork activities	<ul style="list-style-type: none">• With compulsory hostel accommodation, the fee structure is comparatively high and unable to get adequate number of students.• Less number of faculty members on regular scale.

52. Future plans of the department:

At school level, deliberation is going on about starting M.Phil. in the field of Political Science and International Relations.

**DEPARTMENT OF PSYCHOLOGY &
MENTAL HEALTH**

**(SCHOOL OF HUMANITIES AND SOCIAL
SCIENCES)**

DEPARTMENT OF PSYCHOLOGY & MENTAL HEALTH

- 1. Name of the Department:** Department of Psychology & Mental Health
- 2. Year of establishment:** Academic year, 2011
- 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.):**

The Department currently offers three programmes in the area of Psychology at Post Graduate level and higher research level which are:

1. M.A. in Applied Psychology
(Specializations in Clinical & Counselling Psychology and Organizational Psychology), a Four semesters-2years programme
 2. M. Phil. (Clinical Psychology), 2 years programme (RCI Accredited)
 3. Ph.D. (Applied Psychology)
- 5. Interdisciplinary programmes and departments involved:** NO
 - 6. Courses in collaboration with other universities, industries, foreign institutions, etc.** NO
 - 7. Details of programmes discontinued, if any, with reasons:** NO
 - 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Annual, Semester & Choice Based.
 - 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)**

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	Refer to SSR	00	00
Associate Professor	Section	00	00
Asst. Professor	1(24)	01	01
Others		00	00

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

Name	Qualification	Designation	Specialization	No. Of Year of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. A. P. Singh	M.Phil, Ph. D.	Assistant Professor	Clinical Psychology	11	10, M.Phil students & 7 Ph.D. students

- 12. List of guest faculty:**

Sl. No.	Names of the Faculty
1.	Dr. Pubalin Daas
2.	Dr. Archna Singh
3.	Mr. Vikas Sharma

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4.	Ms. Yukti Rastogi
5.	Mr. Abdul Majeed Bhat
6.	Mr. Ved Prakash

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

50% in each of the Programmes of the M.A (Applied Psychology) & M.Phil (Clinical Psychology). The details are as below:

Sl. No.	Course Names	Course Codes	Course Credits	Programmes' Names
1.	Psychiatry	PSY-705	4	M.Phil (Clinical Psychology)
2.	Psychological Therapies	PSY-506	4	M.Phil (Clinical Psychology)
3.	Behavioral Medicine	PSY-803	4	M.Phil (Clinical Psychology)
4.	Psychological Assessment	PSY-751	4	M.Phil (Clinical Psychology)
5.	Psychosocial Foundation of Behaviors & Psychopathology	PSY-701	4	M.Phil (Clinical Psychology)
7.	Statistics & Research Methodology	PSY -805	4	M.Phil (Clinical Psychology)
8.	Personality Disorder	PSY-601	3	M.A. (Applied Psychology)
9.	Cognitive Psychology	PSY-504	3	M.A. (Applied Psychology)
10.	Foundation Psychology	PSY-504	3	M.A. (Applied Psychology)
11.	Life Span Psychology	PSY-506	3	M.A. (Applied Psychology)

14. Programme-wise Student Teacher Ratio

Sl. No.	Name of the Programme	Student-Teacher Ratio
1.	M.A. (Applied Psychology)	10:1
2.	M.Phil (Clinical Psychology)	2:1

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

Sl. No.	academic support staff	No.
1.	Office staff/lab staff	2
2.	Attendants	2

DEPARTMENT OF PSYCHOLOGY & MENTAL HEALTH

- 16. Research thrust areas as recognized by major funding agencies:** NO
- 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:** 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
 - national recognition
 - international recognition

Nil
- 21. Special research laboratories sponsored by / created by industry or corporate bodies:** NIL
- 22. Publications:**
 - a) Publications in International Journals**
 - ❖ Singh, A.P. (2014). Behavioral Research: A new Perspective in Clinical Psychology Training. Indian Journal of Behavioral Research & Therapy,(1) 3-4.
 - ❖ Trivedi, J.K., Singh, A. P., Sharma, S., Sinha, P. K., Tandon, R. (2005). Neurocognition in Somatoform Disorder. Hong Kong Journal of Psychiatry, 15:97-100.
 - ❖ Trivedi, J.K., Singh, A.P., Dhyani, M., Sharma, S., Sinha, P.K., and Tandon, R. (2008). Cognitive functions in Euthymic State of Bipolar disorder: An Indian Study. Journal of Cognitive Neuropsychiatry, 13 (2), 135-147 (an index journal from U.K.).
 - ❖ Trivedi, J.K., Goel, D., Singh, A.P., Dhyani, M., Sharma, S., Sinha, P.K., and Tandon, R. (2008). Neurocognition in first-degree healthy relatives (siblings) of bipolar affective disorder patients. Psychiatry and Clinical Neurosciences 2008; 62: 190–196 (an index journal from Japan).
 - ❖ Trivedi, J. K., Singh, A. P., Dhyani, M., Goel, D., Sinha, P. K., Tandon, R. (2008). Neurocognitive dysfunction in patients with obsessive compulsive disorder. African Journal of Psychiatry, 204.
 - ❖ Trivedi, J.K., Singh, A.P., Tandon, R. (2005) Neuro-Cognitive Function in Patients of Somatization Disorder. The World Journal of Biological Psychiatry, 6 (supplement, 1).
 - b) Publications in National Journals**
 - ❖ Singh A.P., (2012). Cognitive functions among Children with Attention Deficit Hyperactive Disorder (ADHD) & Emotional Disorders. Delhi Psychiatry Journal, Vol. 15 (1), 148-159. [An Indexed Journal in Index Medicus for South East Asia Region (WHO), Indian Science Abstract & medIND]
 - ❖ Singh A. P., Singh P. A., Sharma, Vibha, Tripathi, C.B., Kumar, D. (2011).Verbal Learning & Memory Function among Children with ADHD and Emotional Disorders. Delhi Psychiatry Journal, Vol. 14 (1),

DEPARTMENT OF PSYCHOLOGY & MENTAL HEALTH

- 95-105. [An Indexed Journal in Index Medicus for South East Asia Region (WHO), Indian Science Abstract]
- ❖ Singh A. P., Shukla A., Singh P. A. (2010). Perceived Self Efficacy and Mental Health among Elderly. *Delhi Psychiatry Journal*, Vol. 13 (2), 314-321. [An Indexed Journal in Index Medicus for South East Asia Region (WHO), Indian Science Abstract].
 - ❖ Singh,A.P., Singh, P. A., Sinha, U.K.(2008) Quality of life Assessment: Why in mental health. *Amity Journal of behavioral & forensic sciences*, 4 (2), 41-48.
 - ❖ Trivedi, J.K., Singh, A. P., Goel, D., Sharma, S., Sinha, P.K., Tandon,R. (2007). Cognitive Functions in Stable Schizophrenia & Euthymic State of Bipolar Disorder. *Indian Journal of Medical Research*, 126, 433-439.
 - ❖ Singh, A. P., Shukla, A. (2003). AGE-ISM: The Reflection of Irrational Beliefs on Mental Health. *Indian Journal of Behavioral Sciences*, Vol. 12(2) & 13(1), 78-83.
 - ❖ Tandon, R., Singh, A. P., Sinha, P.K., & Trivedi, J.K. (2002). Executive Functions in Depression: A Clinical Report. *Indian Journal of Psychiatry*, 44 (4), 343-347.
- 23. Details of patents and income generated:** NIL
- 24. Areas of consultancy and income generated:** Clinical Psychology. OPD, around Rs.1000 to 1500 per month.
- 25. Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad:** NIL
- 26. Faculty serving in**
- a) National committees:
- Member of Expert Panel of Rehabilitation Council of India (RCI) since, 2012 till date for the conduction of inspection visits of the Institutions which offers training and clinical services in Clinical Psychology area in India.
 - Elected as Treasurer of Delhi Chapter of Indian Association of Clinical Psychology (IACP), India in 2014, and giving contribution since then for the growth of discipline in various aspects.
 - Elected as a member of Executive Council of Indian Association of Clinical Psychology (IACP) from North Zone, India for the Year, 2010-12.
 - Life Member of Indian Association of Clinical Psychology (IACP).
 - Life Member of Indian Association of Applied Psychology (IAAP).
 - Registered Clinical Psychologist with Rehabilitation Council of India, • (RCI CRR- NO. A10595).
- a) **International committees:** NIL
- b) **Editorial Boards: Editor-in-Chief: Indian Journal of Behavioral Research & Therapy (IJBRT)**
- c) **any other (please specify):** NIL
- 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 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:
 - Recipient of **TARA NAIDU AWARD** for the paper entitled “Attention-concentration abilities and Spatial Working Memory in patients with Depression” by Indian Psychiatric Society Central Zone, for the year 2003, at the 25th Annual Conference of IPS- Central Zone held at Lucknow.
 - Recipient of **Young Scientist Award** for the paper entitled “Cognitive function among children with ADHD and Emotional Disorder” in the annual conference of IAAP for the year, 2009.
- 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.

- Conducted workshop on “significance and Use of Thematic Apperception Test in Psychological Assessment” on 22nd and 23rd September’ 2012 in association with **Indian Institute of Psychology** at School of Management, Gautam Buddha University.
- Conducted workshop on “Introduction to EMDR – Principles and Applications” on 12th-13th October’2012 in association with **Indian Institute of Psychology** at School of Management, Gautam Buddha University.
- Attended workshop on “Rorschach Comprehensive System, Administration, Scoring & Interpretation” on 15th & 16th February’2013 in association with Department of Psychiatry, at Moolchand Hospital, New Delhi.
- Conducted workshop on “Career Assessment, Exploration, and Counselling” on 26th and 27th February’ 2013 in association with SkillGapfinder at School of Management, Gautam Buddha University.
- Attended workshop on “Research Methodology & Statistics” on 7th to 11th October’2013 by Institute of Psychology, TGOU at Unique Psychological Society, Paryavaran Complex, New Delhi.

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- The Department facilitates field visit exposure at **Community Centre of Richmond Fellow Society, Najafgarh, New Delhi** on different occasion.
- 31. Code of ethics for research followed by the departments:** As per APA guidelines.
- 32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass	
		Male	Female	Male	Female
(refer to question no. 4)	Refer to Annexure-Vol-II/1				
M.A. in Applied Psychology		10	40	04	12
M. Phil. (Clinical Psychology), (RCI Accredited)		03	15	01	09
Ph.D. (Applied Psychology)		01	06	NIL	NIL

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.A. in Applied Psychology	NIL	10	90	01 STUDENT
M. Phil. (Clinical Psychology), (RCI Accredited)	30%	30%	40%	NIL
Ph.D. (Applied Psychology)	NIL	600%	40%	

- 34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.** 03, NET

35. Student progression

DEPARTMENT OF PSYCHOLOGY & MENTAL HEALTH

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	03
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed □ Campus selection Other than campus recruitment	12

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same University	Nil
from the other universities within the state	01
From universities from other state	05
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: NIL

38. Present details of departmental infrastructural facilities with regard to

- a) Library: YES
- b) Internet facilities for staff and students: YES
- c) Total number of class rooms: 04
- d) Class rooms with ICT facility: 04
- e) Students' laboratories :01
- f) Research/ Clinical laboratories:01

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

NIL

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

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. NO

42. Does the department obtain feedback: YES

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback: **By review and inviting suggestions**

DEPARTMENT OF PSYCHOLOGY & MENTAL HEALTH

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback: **By review and inviting suggestions**
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback: 12, **By review and inviting suggestions**
- 43. List the distinguished alumni of the department (maximum 10): NIL**
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Associations for Practical Training & Clinical Exposure

The department has its association with many health organizations where the students of different programmes are posted for variety of clinical exposure and field training. The names of the organization are as follows:

- Greater Noida Medical University, Greater Noida, U. P.
- Post-Graduate Institute of Paediatrics (under Greater Noida Medical University), Noida, U. P.
- SHANTI HOME, Psychiatric and De-addiction Hospital, Greater Noida & New Delhi.
- Jain-Neurological Psychiatric Hospital, East Delhi.

Besides these as above, the students have actively participated and attended various workshops and seminars details of which are listed below:

- Conducted workshop on “significance and Use of Thematic Apperception Test in Psychological Assessment” on 22nd and 23rd September’ 2012 in association with **Indian Institute of Psychology** at School of Management, Gautam Buddha University.
- Conducted workshop on “Introduction to EMDR – Principles and Applications” on 12th-13th October’2012 in association with **Indian Institute of Psychology** at School of Management, Gautam Buddha University.
- Attended workshop on “Rorschach Comprehensive System, Administration, Scoring & Interpretation” on 15th & 16th February’2013 in association with Department of Psychiatry, at Moolchand Hospital, New Delhi.
- Conducted workshop on “Career Assessment, Exploration, and Counselling” on 26th and 27th February’ 2013 in association with **SkillGapfinder** at School of Management, Gautam Buddha University.
- Attended workshop on “Research Methodology & Statistics” on 7th to 11th October’2013 by **Institute of Psychology, TGOU** at Unique Psychological Society, Paryavaran Complex, New Delhi.

DEPARTMENT OF PSYCHOLOGY & MENTAL HEALTH

- The Department facilitates field visit exposure at **Community Centre of Richmond Fellow Society, Najafgarh, New Delhi** on different occasion.
- 45. List the teaching methods adopted by the faculty for different programmes.** Class room teaching, practical training & field exposures.
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?** BY CLASS ROOM INTERACTION & TEST FEEDBACK
- 47. Highlight the participation of students and faculty in extension activities.** NIL
- 48. Give details of “beyond syllabus scholarly activities” of the department.**

The Department runs clinical psychology O.P.D. on each week day and provides following clinical services:

- Mental Health Clinic
- Child & Adolescent Clinic
- Neuro-psychological Clinic
- Mental Retardation and Developmental Pathology Clinic
- De-addiction Clinic and
- Marital & Psychosexual Clinic

In O.P.D. the Department has provisions of Psychodiagnostic assessment, Psychotherapeutic management of psychological problems, Psychotherapeutic intervention & counselling, Bio & Neurobiofeedback training and relaxation therapy by EEG, ECG & EMG machines to the patients of depression, anxiety, phobia, OCD, tension headache and other psychological conditions.

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

Yes. The program has been accredited by Rehabilitation Council of India

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

The department is thoroughly involved in intensive research activities which help in generating and acquiring new knowledge and information in the related area.

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

Major Strengths: 1. Enriched infrastructure

2. Geographical Location

3. Potential to draw the attention of the target

population vis-à-vis students or professionals.

4. Academic & clinical Liasoning with nearby reputed organizations in the area.

5. Potentials to serve the society to cater need of mental health

Weaknesses: 1. Shortage of human resources

DEPARTMENT OF PSYCHOLOGY & MENTAL HEALTH

1. Shortage of books & journals of relevant area in the library
2. Lack of financial assistance to encourage the intensive research in the area
3. Projects & Consultancy
4. Advanced and well equipped laboratory

Opportunities: 1. Establishing the MoU with the institutions of national & international repute for students and faculty exchange programme.

2. Conductions of workshop, seminal & conferences on regular intervals.

3. To initiate the community outreach programme to enhance the mental health of the people in need.

4. Collaborating with various agencies of the state govt. as well as central govt. in framing the policies related to mental health promotion, delivery of services, and education.

5. Publication of journal/research bulletin to acknowledge the research activities of the department.

Challenges: 1. Fund generation to facilitate the promotion of various academic and research activities.

2. Development & designing of pedagogy & course structures of the programmes in parity with international standardization.

52. Future plans of the department: The department envisions to start following programmes in future:

1. B.A/B.SC. , B. Ed &M.Ed. in Learning Disability
2. B.A/B.SC. , B. Ed &M.Ed. in Mental Retardation
3. Psy. D. in Clinical Psychology

DEPARTMENT OF SOCIAL WORK

**(SCHOOL OF HUMANITIES AND SOCIAL
SCIENCES)**

DEPARTMENT OF SOCIAL WORK

- 1. Name of the Department :** Department of Social Work
- 2. Year of establishment :** 2011
- 3. Is the Department part of a School/Faculty of the university? :**
School of Humanities and Social Sciences
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :** PG-Master in Social Work (MSW), Ph D in Social Work.
- 6. Interdisciplinary programmes and departments involved:** Faculties taught courses in other Department/ Schools.
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc. :** The students of MSW programme are placed in different NGOs/ Government institution for fieldwork based on mutual consent.
- 8. Details of programmes discontinued, if any, with reasons:** No Programme discontinued. NIL
- 9. Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Semester pattern (CBCS will be adapted from 2015-16 session)
- 10. Participation of the department in the courses offered by other departments:** Students participate in PDL (Professional development and Learning) course offered by other Department and also study Human values and Buddhist Ethics provided by School of Buddhist Studies and Civilization.
- 11. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Refer to SSR Section 1(24)		
Associate Professors			
Asst. Professors		1	
Others		02 (Research/Faculty Associate)	

- 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 registered Ph.D./ M.Phil student is guided for last 4 Years

DEPARTMENT OF SOCIAL WORK

Dr Subhasis Bhadra	MA in Social Work, M.Phil and Ph D in Psychiatric Social Work	Assistant Professor and Head	Psychiatric Social Work, Psychosocial Support in Disaster Management	15	5 candidates are working now
Mr Siddaramu B	MSW, M.Phil and in Psychiatric Social Work, Pursuing Ph D	Research and Faculty Associate	Personnel Management & Labour Welfare, Psychiatric Social Work	4	N.A
Ms Sibghat Usmani	MSW, Pursuing Ph D	Research and Faculty Associate	Social Development	4	N.A

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:**
Nil
- 13. Percentage of classes taken by temporary faculty – programme-wise information:** Nil
- 14. Programme-wise Student Teacher Ratio:** MSW programme – 1 Teacher : 8-10 Student
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:** support staff available at the School Level
- 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:** 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 :** Nil
 - state recognition
 - national recognition

DEPARTMENT OF SOCIAL WORK

- 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):

	Subhasis Bhadra	Siddaramu B	Sibghat Usmani	Total
National	7	2	2	11
Inter-national	9	7	1	17

- Monographs: 0
- Chapters in Books

	Subhasis Bhadra	Siddaramu B	Sibghat Usmani	Total
Book Chapters	13	1	1	15

- Edited Books: 0
- Books with ISBN with details of publishers: 5

	No. of Books	Details of Books:
Subhasis Bhadra	1	Bhadra S. (2011). Life skills for children and adolescents : Teacher trainees' perception. LAP LAMBERT Academic Publishing. Saarbrücken, Germany. (ISBN: 978-8465-4341-2)
Siddaramu B	4	<ol style="list-style-type: none">1. Siddaramu B (2014) Social Work for UGC-NET/JRF/SLET and Other Competitive Exams, <i>K.K. Publications</i>, New Delhi. ISBN No. 978-81-7844-155-92. Siddaramu B (2012) Effectiveness of Training and Development, <i>Lap Lambert Publication</i>, Germany. ISBN No. 978-3-8484-8713-43. Siddaramu B (2012) Work Life Balance among Married Women Employees, <i>Lap Lambert Publication</i>, Germany. ISBN No. 978-3-8484-4133-44. Siddaramu B (2012) Social Work Interventions in Psychiatric Setting, <i>Lap Lambert Publication</i>, Germany. ISBN NO. 978-3-659-12262-0

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
- Citation Index – range /average: N.A.

DEPARTMENT OF SOCIAL WORK

- **SNIP:** N.A.
- **SJR :** N.A.
- **Impact Factor – range / average:** N.A.
- **h-index :** N.A.

23. Details of patents and income generated: NIL

24. Areas of consultancy and income generated: Psychosocial support in Disaster Management (Submitted \$930 to Gautam Buddha University from consultancy Fee in October 2010- Dr Subhasis Bhadra). Fair Trade and Labour Welfare (Submitted Gautam Buddha University from consultancy Fee (Approximately 40,000/-) between 2011-14 – Dr Rituparna Majumdar)

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 Board member of Journal of Social Science and Welfare (Published by Women's College, Kolkata and Indian Institute of Psychometry)

Dr Subhasis Bhadra is includes as an Expert member in “National Directory of Institutions and Resources Persons in Disaster Management (2012 and revised in 2014)” Published by NIDM (National Institute of Disaster Management, Ministry of Home Affairs, Government of India).

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Faculties joined in various workshops as to learn and discuss the new development, current issues and concerns in the area of social work practice and profession. Some of the important meetings, workshops, course attended by the faculties are mentioned here:

Name of the Workshop	Organised by	Faculties attended
National Workshop on “Subject framework & Knowledge Management In Social Work”	Department of Social Work, UGC Advance Study Centre, Jamia Millia Islamia, New Delhi. <i>On 31st January to 2nd February 2013,</i>	Sibghat Usmani Siddaramu B Rituparna Majumdar Subhasis Bhadra
State level workshop on “Teaching in Social Work”	Department of Social Work, UGC centers of Advance Studies, University of Lucknow, UP <i>On 1st and 2nd March 2013</i>	Subhasis Bhadra
National Workshop on Field work in Social Work Education	Organised By Department of Social Work Jamia Millia Islamia, New Delhi	Sibghat Usmani Siddaramu B Subhasis Bhadra

DEPARTMENT OF SOCIAL WORK

	<i>March 20 – 21, 2014</i>	
Inter- National Workshop Building Individual and Organizational Capacity for Psychological Intervention after Disasters in the Asia and Pacific Region,	Organised By International Union of Psychological Science (IUPsyS), Chinese Psychological Society, from 11 th to 14 th October 2013, at Beijing, China	Subhasis Bhadra
National Workshop VV Giri Labour Institute, NOIDA	Methodology in Quantitative research 9 th to 20 th June 2014	Sibghat Usmani

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: All the students of MSW conduct field based research project to write dissertation
- 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.

Workshop and interactive session was organised by the department of Social work in collaboration with and national level NGO, SADRAM (Social and Development Action Group) in accordance with The National Mission for Empowerment of Women (NMEW) of Government of India on “women Empowerment” for the students of the GBU on **26th August 2014 (Tuesday)**. This programme was held between 2.30 to 5.30 PM, in the auditorium of School of Management. The programme was sponsored by SADRAM through NMEW project.

STEP (Standing Together for Peace) an National Level NGO conducted Workshop on “bridging gap between religion and culture”, on **25th November 2014**, for 1st and 2nd year students in Department of Social Work. This programme was sponsored by STEP.

The Department in Collaboration with Dr. A. V. Baliga Memorial Trust, conducted a residential workshops on **22nd to 24th April 2015** for the students of Master in Social Work, and the Professionals and staff and beneficiaries from NGOs on “governance and management system of

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SHG federation within the sphere of gender equality". This was funded by Plan International.

31. Code of ethics for research followed by the departments: Social Work Research ethics are followed strictly, to maintain confidentiality, maintain dignity of the subject and ensure biased free information in research.

32. Student profile programme-wise: Ph D information should be given from the School level

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
(refer to question no. 4)					
MSW- 2011	Refer to Annexure-Vol-II/1	3	2	100%	100%
MSW-2012		9	6	100%	100%
MSW-2013		6	4	100%	75%
MSW-2014		11	4	continuing	continuing

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	% students from other countries
MSW- 2011	0	4	1	0
MSW-2012	0	6	9	0
MSW-2013	0	5	5	0
MSW-2014	0	9	6	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: 2 students cleared NET.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	N.A.
PG to M.Phil.	5%
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.

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Employed	
<input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus <input type="checkbox"/> recruitment	80% have been employed
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same University	Nil
from the other universities within the state	Nil
From universities from other state	03
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: No one

38. Present details of departmental infrastructural facilities with regard to

(This information should go from School of HSS)

- a) Library
- b) Internet facilities for staff and students
- c) Total number of class rooms
- d) Class rooms with ICT facility
- e) Students' laboratories : 1 (Practice learning Laboratory for Social Work)
- f) Research laboratories

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

- a) from the host institution/university: Doctoral Students- Mr Siddaramu B; Mr C Janarthan; Ms Chhavi Bhatnagar;
- b) from other institutions/universities ; Nil

40. Number of post graduate students getting financial assistance from the university: No one

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

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 discussion held between the faculties and BOS is conducted to revise and adapt the changes needed in the Syllabus. BOS is being attended by a Professor as an Expert Member from other University from the Discipline of Social Work. First BOS meeting was held on 8th August 2011 and the 2nd BOS meeting was 23rd August 2013. The last BOS

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meeting was held on 16th July 2015 to adapt CBCS pattern and review the detail syllabi.

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

Feedback is collected from the students through formal discussion at the end of semesters and the alterations are made in the routine, in making the books, reading materials available to them. Students are also supported with Special English Class from the School of Humanities and Social Sciences. Final year students are supported with workshops in appearing interviews, personality development interactive classes.

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): N.A.

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

The Department of Social Work was invited and the students of MSW participated in lecture on ‘Lifestyle Correction for Prevention and Management of Diabetes and Hypertension’ organized by Butterflies on 4th February 2012 at Indian International Centre, New Delhi.

On 21st and 22nd of April, 2012 the students of MSW joined in the residential workshop (Navdanya’s Young Ecologist Earth Summit) on Rights of Mother Earth at Bija Vidyapeeth (Earth University) in Dehradun for reflection and celebration of Mother Earth. The students were sponsored by Navdanya. Navdanya is a woman centred pioneering institution and movement striving towards building an Earth Democracy for 25 years.

On the occasion of International Women’s Day which is held every year on 8th March, the Department of Social Work in association with the Corporate Relations Cell of Gautam Buddha University (GBU) celebrated the International Women’s Day 2012 on the 16th of March, 2012. The Dean, of School of Humanities and Social Sciences Dr KP Singh inaugurated the programme. The speakers for the event were - Dr. Manjula Chakravarty, Consultant and Advisor to Development Evaluation Society of India, she has also been Deputy Advisor of Planning Commission and Director in Department of Women and Child Development, Government of India in the past. The second speaker was Dr. Madhubala Nath, Regional Policy Advisor at UN Women in South Asia and the third speaker was Dr. Mala Bhandari, Founder Director of SADLAG (Social and Development Research and Action Group). The speakers spoke on the theme ‘*Women as the way forward*’. The lectures

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were followed by a panel discussion based on the current theme of UN International Women's Day 2012 '*connecting girls and inspiring future*'. The panel was chaired by Dr. Neeti Rana, Dean of School of Management, Gautam Buddha University.

One day workshop was organised on 27th December, 2012 (Thursday) for sharing of experiences of the MSW students with the students of Dr. Babasaheb Ambedkar College of Social Work, Dhule (Maharashtra). Sixteen students along with their faculty member Dr. Sudam G Rathod visited the Department of Social Work and there was lecture by the faculty members and further discussion and interaction between the students.

A multi stakeholder meeting was organised by Department of Social work with the Fieldwork partner NGO SADRAg on 22nd May 2013 on the Theme: Child Sexual Abuse-Prevention, Reporting and Effective Intervention. The meeting was attended by local NGO representatives, students, government officials, faculty members and volunteers. The issues discussed in the meeting were:

- Scale and Magnitude of the problem. Data from different sources are enclosed for use in the discussion.
- Briefing on preventive measures to protect children from sexual abuse.
- Roles and responsibilities of child protection systems.

On 22nd and 23rd October 2013, six students of MSW 2nd year joined as volunteers in a workshop organised by Global Compact, India, UN Global Compact, CEO Water Mandate on India "India Collaboration Lab" hosted by Engineering Project (India) Limited, Government of India, New Delhi. The focus of this meeting was developing water and sanitation problem through various innovative technology that can be adapted with low cost and made available to the people across the country in the rural and urban areas.

On invitation from UN Global Compact new Work, the students of Department of Social Work, attended the workshop on "Indian sustainability dialogue" organized at Le Meridian Hotel, New Delhi on 15th November 2013. The students attended the session where speech was given by the president of BMW India Branch, and other prominent members representing from different sector like, chemical, extractive, retail, oil and natural gases, automobile, banking, etc. The students attended the panel session on 'creating a sustainable future: from products to supply chains'. The discussion focused on sustainability issues, focusing especially on the social, economic and environmental dimensions.

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The Department of Social Work was invited by an NGO, SADRAG-Social and development research and Action Group), NOIDA to participate and also organize the events on theme of “women Empowerment” for observing Women’s day’ 2014. The programme was organized on 11th March 2014, evening in Great India Palace Mall, NOIDA. In the programme there was open house discussion with the youths, engaging the commuters in the issue women in public place and the legal support for the women in case of domestic or other form of violence. There were lectures by dignitaries like Executive Director, NMEW, Ministry of Women and Child Development, Govt. of India and Principal Judge, Family Court, District Gautam Budh Nagar, Director of SADRAG.

On 13th January 2015, selected four students and a faculty member joined in UN Global Campact and Shikhar workshop on National CSR Sumit-2013, at India Habitat Center, New Delhi.

27th April, 2015 (Monday), the students of MSW attended an invited lecture by Prof. Pranab Banerji, Professor of Economics, Indian Institute of Public Administration, New Delhi, at Seminar hall of School of Management, on “The Social Dimensions of Green Economy and Sustainable Development” organised by Department of Economics Planning and Development.

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

Various Skill Laboratories cum workshops are conducted by the Faculty members in the Department on various themes like, Project Management in Social Work, Programme Media for Community Mobilization, Behaviour Change Communication, Facilitations Skills for Social Work, Life Skills Education for Social work Practice, PRA and PLA methodologies, Role play on Case work and counselling. These workshops are based on experiential and participatory learning methodologies.

Regular IC/GC (Individual conference and Group Conference) are conducted with the students as per requirements of the MSW programme with the students.

Regular Weekly Seminars are conducted. The students prepare the paper with the help of the seminar chair and present the same.

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46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

There is regular interaction between the faculties and also feedback session with the students to ensure the programme objectives.

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

The every academic session 3rd Semester students of MSW are engaged in open community placement. In this assignment the students work in 4 villages located nearby university campus. The students work with the local people and institutions (School, Anganwadi Centres, SHG groups, Health care facilities) to do community assessment and develop various programmes like celebrations of children's day, teacher's day, clean up campaign, medical camp, various awareness rally, group meetings on different issues etc. The Faculty members regularly supervise the field-work and visits to the community as supervision and to guide the students.

48. Give details of “beyond syllabus scholarly activities” of the department.

Various documentary films are reviewed and discussions are held to reflect the different dimensions and the implication for social work practice.

The faculties of the Department represented in the all India Conference on Profession of Social Work & Northern Regional Meeting of Schools of Social Work, organized by Department of Social Work, Jamia Millia Islamia & Tata Institute of Social Sciences, Mumbai at Jamia Millia Islamia on 25th February 2012 for half day.

Department of Social Work was being invited to participate in the workshop titled “Subject framework & knowledge management In social work” held on 31st January to 2nd February 2013, at Jamia Millia Islamia , New Delhi. The faculties joined in the workshop and reviewed the subject frame work and adapted further in the syllabi of the Department.

The Department is having institutional membership of ISPSW (Indian Society of Professional Social Work).

The students of social work are encouraged to present their papers/ dissertation work in national/ international conferences/ write papers in the scholarly journals.

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

There is no accreditation body for Social Work programme. But, the department follow the UGC model Syllabus and also the International Guidelines of Social Work Education.

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

The faculties of the department contributed article, book chapters and also published books in their areas of specialization and expertise. The students of department have done various dissertation works that has micro level exploration of various issues. Some of these topics have dealt with specific concerns of Greater NOIDA and NCR region.

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

Strengths	Weaknesses
<ul style="list-style-type: none">• Each faculty has a distinct area of specialization in social work.• The Syllabus is designed at par with the present context and by following the national/international guidelines.• The students are motivated and sincere with their academics and fieldwork.• The students have enough opportunities to participate in sports and cultural events in the university• The Department has initiated the Practice-Learning Laboratory for Social Work	<ul style="list-style-type: none">• There is no departmental library• Availability of journals and other resource materials is limited• Many of the student struggle with English language.• There is no good NGO in Greater NOIDA, to place the students for fieldwork, thus students have to travel to Delhi and NOIDA.• Lack of Audio/visual Aid
Opportunities	Challenges
<ul style="list-style-type: none">• Exploring the options for field based studies and consultancy• Starting new programme at PG and PG-Diploma Level• Extending the fieldwork activities further in local communities	<ul style="list-style-type: none">• With Hostel, the fee structure is comparatively high and unable to get adequate number of students.

52. Future plans of the department.

- Starting integrated Social Work (BSW+ MSW)

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(SCHOOL OF HUMANITIES AND SOCIAL SCIENCES)

DEPARTMENT OF SOCIOLOGY

- 1. Name of the Department : Department of Sociology**
- 2. Year of establishment : 2011**
- 3. Is the Department part of a School/Faculty of the university? : Yes, the Department is part of School of Humanities and Social Sciences.**
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : The Department offers PG and Doctoral level Programmes; At present 07 Ph.D. Scholars have been registered with the Department.**
- 5. Interdisciplinary programmes and departments involved:** The Faculty of the Department is also involved in teaching various interdisciplinary courses in other Departments/Schools of the University.
- 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 is followed in the Department. The CBCS is adopted from the Current Academic Year (2015-16 session).
- 9. Participation of the department in the courses offered by other departments:** Courses like Sociology for Engineers, Sociology for Managers, Social Aspects of Engineering, Disaster Management, Sociology courses in Law etc are being taught by our faculty in other Deptt.s
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Ref.S.1 (24)	Nil	Nil
Associate Professor	Ref.S.1 (24)	Nil	Nil
Assistant Professor	Ref.S.1 (24)	01	Nil
Others (RA)	Ref.S.1 (24)	01	Nil

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

Name	Qualification	Designation	Specialization	No. Of year of experience	No. of registered Ph.D./M.Phil. students guided for the last 4 years

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Dr. Syed Nadeem Fatmi	Ph.D.	Assistant Professor	Sociology	11	Guiding 05 Ph.D. Scholars
Dr. Prakash Chandra Dilare	Ph.D.	Research Associate	Sociology	4 Years	NA

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil
13. **Percentage of classes taken by temporary faculty – programme-wise information:** Nil
14. **Programme-wise Student Teacher Ratio:** 5:1
15. **Number of academic support staff (technical) and administrative staff:** sanctioned, filled and actual: Support staff available at the School Level
16. **Research thrust areas as recognized by major funding agencies:**
Rural Sociology, Agrarian Structure, Social Ecology, Sociology of Development, Gender Studies, Civil Society and Community 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:** Nil
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 :** Nil
 - 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):

	Dr. Syed Nadeem Fatmi	Dr. Prakash Chandra Dilare	Total
National	07	01	08
Inter-national	05	--	05
			13

- Monographs: Book - 01
- Chapters in Books

	Dr. Syed Nadeem	Dr. Prakash Chandra	Total
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	Fatmi	Dilare	
Book Chapters	03	02	05
Book Reviews	02	-	02
Total			07

- Edited Books: 0
- Books with ISBN with details of publishers:

No. of Books	Details of Books:
1	Fatmi, S. N. " <i>Social Ecology and Agrarian Classes</i> ", 2006, Icon Publications Pvt. Ltd. (ISBN: 81-88086-24-X)

- 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: N.A.
- SNIP: N.A.
- SJR : N.A.
- Impact Factor – range / average: N.A.
- h-index : N.A.

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:

Offered the post of Assistant Professor at Eritrea Institute of Technology, Ministry of Higher Education, North Africa during 2008-09

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)
- **S. N. Fatmi, Executive Editor, Journal of Exclusion Studies, Indianjournals.com, New Delhi (ISSN No. Print: 2231-4547, Online: 2231-4555)**
- **S. N. Fatmi, Member, Board of Studies, School of Humanities and Social Sciences, GBU, Greater Noida since 2011**
- **S. N. Fatmi, Member of Internal Advisory Monitoring and Evaluation Committee, UGC Center for Women Studies, BITS, Pilani, Rajasthan, India during 2007 - 2010**

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- **S. N. Fatmi, Member,** Doctoral Advisory Committee, Humanistic Studies Group, BITS, Pilani during 2008-2010
- 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 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 : Gold Medal at Post Graduate Level; UGC-NET/SLET
 - Doctoral / post doctoral fellows : 02 (UGC-NET)
 - Students : 03
- 30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.**
Co-Convener, International Conference on ‘The Marginalized and The Excluded in Society’, at the School of Humanities and Social Sciences, Gautam Buddha University, Greater Noida, India on 7th February, 2012.
- 31. Code of ethics for research followed by the departments:** UGC
- 32. Student profile programme-wise:**

Name of the Programme	Applications received (2015-16)	Selected		Pass percentage	
		Male	Female	Male	Female
M.A. (Sociology)	Refer to Annexure-Vol-II/1	Nil	01 (Did not join the program)	N/A	N/A

33. Diversity of students : N/A

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
Ph.D.	0	57.1	42.9	0

- 34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations?**
Give details category-wise: 03 (ST-01, SC-01, Gen-01; All Females)

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35. Student progression

Student progression	Percentage against enrolled
UG to PG	N.A.
PG to M.Phil	N.A
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	N.A.
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	N.A
Entrepreneurs	N.A

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university:	Nil
from other universities within the State:	01 Faculty out of 02
from universities from other States from :	01 Faculty out of 02
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: No one

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Facility of Central Library
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : Available as per requirement
- d) Class rooms with ICT facility : 100%
- e) Students' laboratories : Nil
- f) Research laboratories : Nil

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

- a) **from the host institution/university:** List of Doctoral Students is given below

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- 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.: No
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?
Regular discussion is held among the faculty members and BoS meeting is conducted periodically to revise and update the syllabus.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
N/A
 - 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): N.A.
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Due to lesser number of students in various departments of the School, such

1.	Ms. Unnati Mishra
2.	Mr. Kuldeep Singh
3.	Ms.Tarannum Siddiqui
4.	Ms. Parul Kanojia Saxena
5.	Ms. Keshlata
6.	Ms. Anita
7	Ms. Rewa Singh

activities are being conducted at School level. Highlights are as below:

- ‘Lifestyle Correction for Prevention and Management of Diabetes and Hypertension’ organized by Butterflies on 4th February 2012 at Indian International Centre, New Delhi.
- On the occasion of International Women’s Day the Corporate Relations Cell of Gautam Buddha University (GBU) celebrated the International Women’s Day 2012 on the 16th of March, 2012. The speakers spoke on the theme ‘*Women as the way forward*’. The lectures were followed by a panel

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discussion based on the current theme of UN International Women's Day 2012 '*connecting girls and inspiring future*'.

- A multi stakeholder meeting was organised on 22 May 2013, on the Theme: Child Sexual Abuse-Prevention, Reporting and Effective Intervention. The meeting was attended by local NGO representatives, students, government officials, faculty members and volunteers.
- 27th April, 2015 (Monday) an invited lecture was delivered by Prof. Pranab Banerji, Professor of Economics, Indian Institute of Public Administration, New Delhi, at Gautam Buddha University on "The Social Dimensions of Green Economy and Sustainable Development" organised by one of the Departments of the School.

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

Various methods are adopted by the faculty members based on the requirement of the course.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The Department conducts the interactive sessions with the students and the students are encouraged to give/analyze real life situations/examples on the basis of their theoretical training in the classes. They are also encouraged to take up projects/assignments reflective on the objectives on learning outcomes of the Course.

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

Dr. S N Fatmi was actively engaged in extension activities at BITS-Pilani prior to joining GBU:

- Organized a Lecture on 'Livestock Production Management for Rural Women' at Pilani on January 20, 2007. The resource person was Dr. Rajendra Singh, Associate Professor, Hisar Agriculture University, Hisar.
- Organized a Lecture on 'Islam for Peace, Progress and Salvation' on February 27, 2007 at BITS-Pilani
- Organized the field visits of Prof. John Davies, University of Maryland at College Park, Maryland, USA during 11-20th March 2006 and Dr. Pavani K. Ram, Research Asst. Professor, University at Buffalo during January 21-24, 2007 in the villages near Pilani with an objective to explore and discuss joint research programs.
- Organized a lecture on "Creating Awareness and Inculcating Decision Making Skills amongst Rural Poor/SC/ST Women on Financial Inclusion Scheme and Bhama Shah Financial Yojna for Women Development" in Jherli Gram Panchayat near Pilani during August, 2008.
- Organized a lecture on "Women, Diversity and the Global Academy: A vision for the 21st Century by Prof. Miriam E David, Associate Director

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(Higher Education), ESRC Teaching & Learning Research Program, Institute of Education, University of London at BITS, Pilani during November, 2008.

- Establishment of ‘Telemedicine Centre’ at Pilani as member of the UGC Center for Women Studies, BITS-Pilani during August, 2007.
 - Project to support and train Rural Distressed Women at Jherli Gram Panchayat in Pilani during 2007 as member of the UGC Center for Women Studies, BITS-Pilani.
 - ‘Adult Education Programme for Rural Women’ in Raila village near Pilani during 2007 as member of the UGC Center for Women Studies, BITS-Pilani.
 - Organized ‘Village Agricultural Fair’ to promote village trade in Raila village near Pilani during 2007 as member of the UGC Center for Women Studies, BITS-Pilani.
- 48. Give details of “beyond syllabus scholarly activities” of the department.**
The Research Scholars are encouraged to present their papers in national/international conferences and contribute in the scholarly journals.
- 49. State whether the programme/ 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.**

Strengths	Weaknesses
<ul style="list-style-type: none">• Each faculty has a distinct area of specialization.• The Syllabus is designed at par with the national/international bodies of repute.• The students of the Department are encouraged to apply theoretical knowledge into field.• The students are given adequate opportunity to participate in co-curricular activities.• The Department is equipped with latest equipments and instruments.	<ul style="list-style-type: none">• Lack of departmental library• Limited availability of journals and other resource materials• Relatively poor communication skills of the students• Poor response of students
Opportunities	Challenges
<ul style="list-style-type: none">• Exploring the options for field based studies and consultancy	<ul style="list-style-type: none">• To become competent and at par with other universities of repute.

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<ul style="list-style-type: none">• Deliberating to start new programmes• Creating avenues for extension activities	<ul style="list-style-type: none">• Attracting students to the existing programmes and creating new skill based programmes
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The faculty members of the department contribute with research papers, articles, book chapters and books in their areas of specialization and expertise. The students of the department undertake various dissertation works as part of their course.

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

52. Future plans of the department.

- Deliberating to start PG programme on Disability Studies
- To work on the possibilities of creating a new UG programme BA (Hons.) in Sociology

**DEPARTMENT OF ENGLISH AND MODERN EUROPEAN
LANGUAGES**

**DEPARTMENT OF ENGLISH AND MODERN
EUROPEAN LANGUAGES**

**(SCHOOL OF HUMANITIES AND SOCIAL
SCIENCES)**

DEPARTMENT OF ENGLISH AND MODERN EUROPEAN LANGUAGES

1. **Name of the Department:** Department of English and Modern European Languages
2. **Year of establishment :** 2011
3. **Is the Department part of a School/Faculty of the university?**
Yes (School of Humanities and Social Sciences)
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc, D. Lit, etc.):**
The following courses are offered in the Department:
At Postgraduate Level:
 - M. A. in EnglishAt PhD Level
 - Ph.D. in English Language and Literature
5. **Interdisciplinary programmes and departments involved:**
In CBCS system from 2015-16 session students have options to select Open Elective Courses from other Departments. In addition the Department also offers PG level courses for students of other Departments/Schools as open electives under CBCS. The following courses are taught in all UG/PG level Programmes across all Departments/Schools of the University

Course Code	Name of the Paper	Credits	Level
EN-101	English Proficiency	02 Credits	UG Level
EN-102	Professional Communication	02 Credits	UG Level
EN-521	Advanced Course in Professional Communication	02 Credits	PG Level

The following Open Electives are offered to other Departments across the University at PG level in II/III semesters:

Paper Code	Name of the Paper	Credits	Level
EN-522	Language and Society	3	PG Level
EN-621	Postmodernism and Postcolonialism	3	PG Level

The faculty members from the Department teach English Language courses in all the Departments/ Schools of the University.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil**
7. **Details of programmes discontinued, if any, with reasons:**
No Programme discontinued.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**
The University follows Semester system. The CBCS has been adopted from the academic year 2015-16.
9. **Participation of the department in the courses offered by other departments:**
The faculty members from the Department teach Business Communication

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and Corporate Communication in the School of Management.

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

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Refer to the section 1(24) of the report.		
Associate Professors			
Assistant Professors		01	
Others Research/Faculty Associate		03	

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

Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D./ M.Phil student guided for last 4 Years
Dr. Om Prakash	M. A. M. Phil. PhD	Assistant Professor	Applied Linguistics, ELT, Applied Communication and Media Studies	11	05 PhD (01 submitted and 04 ongoing)
Dr. Bipasha Som	M.A, Ph.D.	Research/ Faculty Associate	English Literature, Indian Writing in English	8	N.A
Ms Manjri Suman	M.A, MPhil, (Pursuing Ph.D.)	Research/ Faculty Associate	Applied Linguistics, ELT, Stylistics	3.9	N.A
Ms. Riya Raj	M.A, M.Phil, (Pursuing Ph.D)	Research/Faculty Associate	Applied Linguistics, ELT, Stylistics	3.9	N.A

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil**
13. Percentage of classes taken by temporary faculty – programme-wise
-

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- information: N/A**
14. **Programme-wise Student Teacher Ratio: N/A**
M. A. in English Programme yet to be started.
 15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**
Support staff available at the School Level
 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: 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 : Nil**
 - 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):

Name of Faculty	National Publication	International Publication
Dr. Om Prakash	6 + 03 (cmtd)	4 + 1 (working paper)
Dr. Bipasha Som	4	1
Ms. Manjri Suman	1 (in press)	02 working paper
Ms. Riya Raj	1 (communicated)	02 working paper

* **Monographs:** Nil

***Edited Books:** 01 (under publication)

Om Prakash & Rajesh Kumar (2015) Language, Identity, and Contemporary Society- under publication.

Books with ISBN with details of publishers:

Name	No. of Books	Details of Books:
Dr. Om Prakash	2	<ul style="list-style-type: none"> a. Om Prakash (2015) "Syntactic Strategies in Mizo Multi-clausal Sentences" under publication. b. Kumar, R. & Om Prakash (2015) "Syntactic Structures of Relative Clauses in Mizo-Hmar" under publication.

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Dr. Bipasha Som	1	“The Taking Place of Language: Contemporizing the Debate about the Representation of Nation within Bhasa writing and Indian writing in English” along with Dr. Saswat Samay Das by Peter Lang Oxford, International Academic Publishers UK, 2013. ISBN: 978-3-0343-0907-3
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***Chapters in Books**

Name Of Faculty	Book Chapters
Dr. Om Prakash	02
Dr. Bipasha Som	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.) : Nil**

- * Citation Index – range /average: N/A
 - * SNIP: N/A
 - * SJR : N/A
 - * Impact Factor – range / average: N/A
 - * h-index : N/A
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

Name of Faculty	Member of Editorial Board/Resource Committee/etc
Dr. Om Prakash	<ol style="list-style-type: none"> Honorary Editor of monthly e-Bulletin aajivikaa samwaad published by Jharkhand State Livelihood Promotion Society, Ministry of Rural Development, Government of Jharkhand (www.jslps.org). Communication Resource Person with Jharkhand State Livelihood Promotion Society, Ministry of Rural Development, Government of Jharkhand since August 2014. Master Trainer (Trainer of the Trainers) in ELT under Sarva Shiksha Abhiyaan, Ministry of HRD, Govt. of India in September 2012/ November 2012

d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
 Nil

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28. Student projects

- **percentage of students who have done in-house projects including inter-departmental project:**
The students of the postgraduate programme require conducting research work and writing dissertation for partial fulfilment of their masters' degree. However, the M.A. programme is yet to start.
- **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 :

Name of Faculty	Awards/recognition/fellowship
Dr. Om Prakash	<ol style="list-style-type: none"> 1. Awarded Uggrasain Junior Research Fellowship, University of Delhi, Delhi (1999-2000) 2. Research Fellow in the Language Information Service-Project granted by the Central Institute of Indian Languages, Mysore, Ministry of HRD, Govt. of India from August 2003 to August 2004.

- **Doctoral / post doctoral fellows :**
 - a. Ms. Riya Raj, Research/Faculty Associate, Department of English and Modern European Languages has been awarded Student Fullbright Scholarship (under FLTA Programme) at Brown University, USA (July 2014-May 2015)
 - b. Ms. Manjri Suman, Research/Faculty Associate, Department of English and Modern European Languages has been awarded Student Fullbright Scholarship (under FLTA Programme) at University of Kansas, USA (July 2014-May 2015)

- **Students :** Nil

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

- a. A tri-lingual (Hindi, Urdu, and English) National Conference titled Writings from the Margins was organised by the Department of Indian Languages and Literature and the Department of English and Modern European Languages.
- b. A two days' National Conference on Language, Identity and Society: Centrality of Language in Formation of Identity in the Contemporary Society being organized in the Department of English and Modern European Languages (30-31 October 2015).

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

Research ethics are followed strictly to maintain confidentiality, maintain dignity of the subject and ensure biased free information in research.

32. Student profile programme-wise:

Name of the	Applications	Selected	Pass percentage
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Programme	Received	Male	Female	Male	Female
(refer to question no. 4)					
M. A. in English	Programme is yet to be started				

Refer to the details provided in Admissions/Examinations report.

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. A. in English	Programme is yet to be started			

Refer to the details provided in Admissions/Examinations report.

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

35. Student progression: N/A (M. A. Programme is yet to be started)

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates of	
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the same university:	Nil
from other universities within the State:	Nil
from universities from other States	4
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:** Two Research/Faculty Associates are enrolled in PhD Programme and working on their thesis.
- 38. Present details of departmental infrastructural facilities with regard to**
- a) **Library :** The Department uses Central library facility
 - b) **Internet facilities for staff and students:** Yes (24x7)
 - c) **Total number of class rooms:** N/A
 - d) **Class rooms with ICT facility:** wi-fi enabled
 - e) **Students' laboratories :** N/A
 - f) **Research laboratories:** N/A
- 39. List of doctoral, post-doctoral students and Research Associates**
- a) **from the host institution/university:**
Doctoral Students: 2 students
Ms. Manjri Suman
Riya Raj
 - 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.: 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?**
Regular discussion held between the faculties and BoS is conducted to revise and adapt the changes needed in the Syllabus. BOS is being attended by an Expert Member from other University from the Discipline. The last BOS meeting was held on 19 August 2015 to adapt CBCS pattern and review the detail syllabi.
 - b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**
Feedback is collected from the students through formal discussion at the end of the semesters and the changes are made in the routine, in marking the books, making reading materials available to them.
 - c. **Alumni and employers on the programmes offered and how does the department utilize the feedback?** Nil
- 43. List the distinguished alumni of the department (maximum 10):** Nil
- 44. Give details of student enrichment programmes (special lectures/workshops / seminar) involving external experts.**

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- The Programmes of the Department require students to have weekly seminars followed by extensive discussions.
- 45. List the teaching methods adopted by the faculty for different programmes.**
Widely accepted and practiced methods of teaching literature.
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
There is regular interaction among the faculty members and also feedback session to ensure the programme objectives.
- 47. Highlight the participation of students and faculty in extension activities. Give details of “beyond syllabus scholarly activities” of the department.**
Faculty members and students are encouraged to participate in workshops, activities, and other extracurricular activities inside and outside the University/Departments.
- 48. Give details of “beyond syllabus scholarship activities” of the department:** N/A
- 49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**
The Department follow the UGC model Syllabus and also widely accepted and practiced approaches of delivering the programmes.
- 50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**
The faculties of the department contributed article, book chapters and also published books in their areas of specialization and expertise.
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths	Weaknesses
<ul style="list-style-type: none"> Each faculty has a distinct area of specialization in his/her discipline. The Syllabus is designed at par with the reputed Universities. Faculty members keep themselves updated and academically engaged. The Faculty members have ability and adaptability in delivering diverse courses. Professional commitment and hard working culture of the Department. 	<ul style="list-style-type: none"> We need to create a departmental library. We require increasing numbers of journals and other resource materials. We need to add more faculty members with diverse specialization. No student at postgraduate level Limited space and infrastructure for the Department.
Opportunities	Challenges
<ul style="list-style-type: none"> Located in NCR, the 	<ul style="list-style-type: none"> The Department requires

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<p>Department can benefit from the available talent of national and International repute in teaching and research.</p> <ul style="list-style-type: none">• The Department can start programmes and diploma courses and be accessible to the international audience.• The Department can explore possibilities of developing as the centre of excellence in communication and soft skill training programmes.• The Department can host a number of in-service training programme in language and communication for working professionals and Govt. Departments.• The Department has potential of becoming an excellent training centre in ELT and applied linguistics.	<p>reviewing the admission policy in its programmes to attract more number of applications.</p> <ul style="list-style-type: none">• Low turnout of applications for admissions in M. A. Programme.• Small number of faculty members.• Limited numbers of journals and other resource materials for research.• Availability of quality time during working hours for research.
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52. Future plans of the department.

Starting integrated Programme (B.A+M.A.), M.Phil. & Diploma Courses in English and other European Languages.

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AND LITERATURE**

**(SCHOOL OF HUMANITIES AND SOCIAL
SCIENCES)**

DEPARTMENT OF INDIAN LANGUAGES AND LITERATURE

1. **Name of the Department:** Department of Indian Language and Literature
2. **Year of establishment :** 2011
3. **Is the Department part of a School/Faculty of the university?**
Yes (School of Humanities and Social Sciences)
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc, D.Litt, etc.):**
The following courses are offered in the Department:
At Postgraduate Level:
 - M. A. in Hindi
 - M. A. in UrduAt PhD Level
 - Ph.D. in Hindi
5. **Interdisciplinary programmes and departments involved:**
In CBCS system from 2015-16 session students have options to select Open Elective Courses from other Departments. In addition the Department also offers PG level courses for students of other Departments/Schools as open electives under CBCS. The following Open Electives are offered to other Departments/Schools across the University at PG level:

Paper Code	Name of the Paper	Credits	Level
UD 512	Contemporary Urdu Literature (Post 1950)	03	PG level
UD 607	Tanisi Adab (Feminist Literature in Urdu)	03	PG level
HN- 508	सिनेमा और साहित्य	03	PG level
HN- 510	लोक साहित्य	03	PG level
HN- 607	ख्री-विमर्श	03	PG level
HN- 609	दलित विमर्श	03	PG level
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
7. **Details of programmes discontinued, if any, with reasons:** No Programme discontinued. : Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**
The University follows Semester system. The CBCS has been adopted from the academic year 2015-16.
9. **Participation of the department in the courses offered by other departments:**
The faculty members from the Department teach Hindi Language courses in the Department/ Schools of Law.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
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Professor	Refer to the section 1(24) of the report.		
Associate Professors			
Assistant Professors		01	
Others Research/Faculty Associate		04 + 03=07	

Refer to the section 1(24) of the report.

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

Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D./ M.Phil student guided for last 4 Years
Dr. Babita Devi	M.A., Ph.D.	Assistant Professor	Hindi		03 PhD Students registered
Dr. Diwakar Garwa	M.A., Ph.D., UGC - NET	Research/ Faculty Associate	Folk Literature	11	N/A
Dr. Vibhavari	M.A., M.Phil., Ph.D., UGC-NET	Research/ Faculty Associate	Literature and Cinema	4	N/A
Dr. Renu Yadav	M.A., M.Phil., Ph.D., UGC-NET	Research/ Faculty Associate	Feminism, Poetry & Literature	4.1	N/A
Mrs. Priyanka	M.A., Pursuing Ph.D., UGC-NET	Research/ Faculty Associate	Dalit Discourse	4	N/A
Dr. Obaidul Ghaffar	M.A., M.Phil., Ph.D., UGC-NET	Research /Faculty Associate	Fiction (Comparative Literature)	4	N/A
Dr. Rehana Sultana	M.A., Ph.D., UGC-NET	Research/ Faculty Associate	Fiction	4	N/A

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Dr. Muhamma d Asif	M.A., M.Phil., Ph.D., UGC- NET	Research/ Faculty Associate	Urdu Fiction & Classical- Modern Urdu Poetry	4	N/A
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12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil
13. **Percentage of classes taken by temporary faculty – programme-wise information:** Nil
14. **Programme-wise Student Teacher Ratio:**
Minimum 1:1 in both the Programmes
15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**
Support staff available at the School Level
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:** 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 :** Nil
 - 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):**

Name of Faculty	National Publication	International Publication
Dr Babita Devi		
Dr Diwakar Garway	5	6
Dr Vibhavari	22	Nil
Dr Renu Yadav	6	3
Ms.Priyanka	1	2+ 1
Dr Obaidul Ghaffar	1	Nil
Dr Rehana Sultana	4	Nil
Dr Muhammad Asif	6	Nil

* **Monographs:** Nil

Note: 18 Poetries & Short Stories in National Level magazines and dailies. 04

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poetries published and regular column in International Level magazines, e-magazines by Dr. Renu Yadav.

	No. of Books	Details of Edited Books/Books with ISBN and Publisher:
Dr. Renu Yadav	2	<p>“Main Mukt hoon”. Pratham, 2013. Ghaziabad: Mandavi Prakashan. ISBN: 81-8212-091-8.</p> <p>“Mahadevi Varma Ke Kavya Mein Vedna Ka Manovishleshan”. Pratham, 2010. Kanpur: Annapurna Prakashan. ISBN: 978-81-89353-25-4.</p>
Dr. Obaidul Ghaffar	1 + 2 under publication	<p>Edited Book : Surkh Sitara (Poetry By Shafeeqe salmani)-Publisher Maktaba-e-Sadaf ISBN no-978-81-927263-3-5</p> <p>‘’Taqseem –e-Hind aur urdu afsana (Intakhabo Ehtesab)’’ under Publication</p> <p>‘’Ibne Isha aur urdu Safarnama ki taareekh’’ under publication</p>
Dr. Rehana Sultana	1	<p>“Qurrat-Ul-ain Haider ke Numainda Afsane ka Tanqeedi Mutalea” ISBN—978-93-5073-218-2 Year of Publication 2013 Educational Publishing House Delhi</p>

*Chapters in Books

Name Of Faculty	Book Chapters
Dr. Babita Devi	
Dr. Diwakar Garwa	1
Dr. Vibhavari	2
Dr. Renu Yadav	3
Dr. Muhammad Asif	1

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
- * Citation Index – range /average: N/A
- * SNIP: N/A
- * SJR : N/A
- * Impact Factor – range / average: N/A
- * h-index : N/A

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- 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**

Name of Faculty	Member of Editorial Board
Dr. Vibhavri	Member of editorial board (Hindi Section) of 'Vithika' (Varshik Patrika), Gautam Buddha University, Greater Noida since Aug., 2014.
Dr. Renu Yadav	Member of editorial board (Hindi Section) of 'Vithika' (Varshik Patrika), Gautam Buddha University, Greater Noida since Aug., 2014.
Ms. Priyanka Singh	Assistant Editor of <i>Yugshilpi</i> , manviki awam samaj vigyan par kendrit International Research Edition ISSN No. 0975-4644 (2011)

d) any other (please specify)

Name of Faculty	Academic Responsibilities
Dr. Vibhavri	Programme Coordinator: Department of Indian Language and Literature (Hindi)
Dr. Renu Yadav	<ol style="list-style-type: none"> 1. Warden of 'Rama bai Ambedkar Girls Hostel', Gautam Buddha University, Greater Noida since July, 2015. 2. As a member of literary club, Abhivyanjna, Gautam Buddha University, Greater Noida since Aug., 2014. 3. Member of 'Ram Manohar Lohia Peeth', Gautam Buddha University, Greater Noida since March, 2013. 4. Worked as an member of 'Proctorial Board', Gautam Buddha University, Greater Noida since September, 2014 – March, 2015. 5. Worked as an warden of 'Mahamaya Girls Hostel', Gautam Buddha University, Greater Noida From Aug., 2014 – July, 2015. 6. Worked as an Assistant warden of 'Mahamaya Girls Hostel', Gautam Buddha University, Greater Noida from July, 2013 – July, 2014.
Dr. Obaidul Ghaffar	<ol style="list-style-type: none"> 1. University Exam Committee Member from 2013 till date in Gautam Buddha University 2. Programme Coordinator: Department of Indian Language and Literature (Urdu)

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27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Name Of Faculty	Refresher Course & Workshop
Dr. Diwakar Garwa	10 Workshop on Literary Arts/Literary Traditions, Organised by SANKALP
Dr. Vibhavri	
Dr. Renu Yadav	Participated in the Refresher Course in Research Methodology Humanities and Social Sciences sponsored by UGC- Academic Staff College, M.A.N.U.U. Hyderabad from 17 th June to 7 th July 2009 and obtained Grade ‘A’.
Dr. Obaidul Ghaffar	UGC Sponsored Refresher Course-UGC Academic Staff college University of Allahabad 18-12-2013 to 07-01-2014
Dr Rehana Sultana	At Allahabad University Academic Staff college Sponsored by UGC from 18.12.13 to 07.01.14 and obtained Grade A
Dr Muhammad Asif	Participated in the UGC sponsored Refresher Course on “Research Methodology in Humanities” held from 13 th October to 2 nd November, 2010 at UGC Academic Staff College, Maulana Azad National Urdu University, Hyderabad. Participated in the National Workshop on “Nehru’s Vision as reflected in his writings” Organized by Centre for Jawaharlal Nehru Studies (MANUU) Delhi Regional Centre From 22.02.2013 to 24.02.2013 Participated in Workshop on Short Stories Regarding Nation Integration and Freedom Movements of India Organized by Northern Regional Language centre Patiala(CIIL) from 03-01- 2012 to 09-01-2012at Azamgarh Participated in Workshop on Preparation of Supplementary Text in Urdu Organized by Northern Regional Language centre Patiala(CIIL) from 12 th Sept 2011 to 18 th Sept 2011 at Azamgarh in collaboration with central Library Bilariaganj, Azamgarh, UP.

28. Student projects

- **percentage of students who have done in-house projects including inter-departmental project:**
The students of all postgraduate programme conduct research work and write dissertation for partial fulfilment of their masters’ degree.
- **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 :

Name of Faculty	Awards
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Dr. Diwakar Garwa	JRF 2000 – 2002 , Cultural Dept. Govt. Of India
Dr. Renu Yadav	<p>1. ‘<i>Srijan Sri</i>’ Sammaan, by Srijan-Samman Bahuaayaami Sanskritik Sansatha and Pramod Varma Smriti Sansathan, Raipur (Chhattisgarh) in Feb. 2013.</p> <p>2. ‘<i>Virangana Savitri Bai Phule National Fellowship Award-2012</i>’ by Bhartiya Dalit Sahitya Akademi, Delhi in Dec, 2012.</p> <p>3. ‘<i>Best Secretary ship Award (MANUU girls Hostel) – 2010-11</i>’ by Maulana Azad Naitional Urdu University, Hyderabad, 2011.</p> <p>4. ‘<i>Gold Medal</i> for First Position in the D.B.H.P.S., Master of Philosophy in Hindi Literatures from Dakshin Bharat Hindi Prachar Sabha, Madras (Dharwad Branch), 2006.</p> <p>5. ‘<i>Gold Medal</i> for First Position in the D.B.H.P.S., Master of Arts in Hindi Literatures from Dakshin Bharat Hindi Prachar Sabha, Madras (Dharwad Branch), 2005.</p>
Dr. Rehana Sultana	<p>1. <i>Khidmat-e-Udru Award</i> given by Bazme Shahin Committee Meerut 8 may 2013</p> <p>2. <i>Mazmoon Nigari Award</i> given by Rajasthan Urdu Academy Jaipur 26 sep 2001.</p> <p>3. Taqreeri Award given by Rajasthan Urdu Academy Jaipur 25 Sep 2001.</p>

- 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.**
A tri-lingual (Hindi, Urdu, and English) National Conference titled *Writings from the Margins* was organised by the Department of Indian Languages and Literature and the Department of English and Modern European Languages.
- 31. Code of ethics for research followed by the departments:**
Research ethics are followed strictly to maintain confidentiality, maintain dignity of the subject and ensure biased free information in research.

32. Student profile programme-wise:

Ph.D. information should be given from the School level

Name of the Programme (refer to question no. 4)	Applicatio ns Received	Selected		Pass percentage	
		Male	Female	Male	Female
M. A. in Hindi					
M. A. in Urdu					

Refer to the details provided in Admissions/Examinations report.

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
Refer to the details provided in Admissions/Examinations report.				

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

35. Student progression

	Student progression	Percentage against enrolled
UG to PG		N/A
PG to M.Phil.		N/A
PG to Ph.D.		
Ph.D. to Post-Doctoral		N/A
Employed		
<input type="checkbox"/> Campus selection		
<input type="checkbox"/> Other than campus recruitment		
Entrepreneurs		N/A

36. Diversity of staff

Percentage of faculty who are graduates of	
the same university:	Nil
from other universities within the State:	Nil
from universities from other States	8
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 :** The Department uses Central library facility
- b) **Internet facilities for staff and students:** Yes (24x7)
- c) **Total number of class rooms:** 03
- d) **Class rooms with ICT facility:** wi-fi enabled
- e) **Students' laboratories :** N/A
- f) **Research laboratories:** N/A

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

- a) **from the host institution/university:**

- Doctoral Students: 3 students
Mrs. Priyanka Singh (Research Associate)
Kriti Tiwari, and
Vikas Verma
- 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.: Nil
- 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?
Regular discussion held between the faculties and BoS is conducted to revise and adapt the changes needed in the Syllabus. BOS is being attended by an Expert Member from other University from the Discipline. The last BOS meeting was held on 08 August 2015 to adapt CBCS pattern and review the detail syllabi.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**
Feedback is collected from the students through formal discussion at the end of the semesters and the changes are made in the routine, in marking the books, making reading materials available to them.
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?** Nil
- 43.** List the distinguished alumni of the department (maximum 10): Nil
- 44.** Give details of student enrichment programmes (special lectures/workshops / seminar) involving external experts.
The Programmes of the Department require students to have weekly seminars followed by extensive discussions.
- 45.** List the teaching methods adopted by the faculty for different programmes.
Widely accepted and practiced methods of teaching literature.
- 46.** How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
There is regular interaction between the faculty members and also feedback session with the students to ensure the programme objectives.
- 47.** Highlight the participation of students and faculty in extension activities. Give details of “beyond syllabus scholarly activities” of the department.
Faculty members and students are encouraged to participate in workshops, activities, and other extracurricular activities inside and outside the University/Departments.
- 48.** Give details of “beyond syllabus scholarship activities” of the department: N/A
- 49.** State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

The Department follow the UGC model Syllabus and also widely accepted and practiced approaches of delivering the programmes.

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

The faculties of the department contributed article, book chapters and also published books in their areas of specialization and expertise.

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

Strengths	Weaknesses
<ul style="list-style-type: none"> • Each faculty has a distinct area of specialization in his/her discipline. • The Syllabus is designed at par with the reputed Universities. • Faculty members keep themselves updated and academically engaged. • The Faculty members have ability and adaptability in delivering diverse courses. • Professional commitment and hard working culture of the Department. 	<ul style="list-style-type: none"> • We need to create a departmental library. • We require increasing numbers of journals and other resource materials. • We need to add more faculty members with diverse specialization. • No student at postgraduate level • Limited space and infrastructure for the Department.
Opportunities	Challenges
<ul style="list-style-type: none"> • Located in NCR, the Department can benefit from the available talent of national and International repute in teaching and research. • The Department can start programmes and diploma courses and be accessible to the international audience for Hindi/Urdu. • The Department can host a number of in-service training programmes in Hindi/Urdu language and communication for Govt. Departments. • The Department has potential of becoming an excellent centre in Hindi translation projects. 	<ul style="list-style-type: none"> • The Department requires reviewing the admission policy in its programmes to attract more number of applications. • Low turnout of applications for admissions in M. A. Programme. • Small number of faculty members. • Limited numbers of journals and other resource materials for research. • No availability of senior faculty members to start PhD programme in Urdu language and literature.

52. Future plans of the department.

Starting integrated Programme (B.A+M.A.), M.Phil. & Diploma Courses.

**DEPARTMENT OF MASS COMMUNICATION AND MEDIA
STUDIES**

**DEPARTMENT OF MASS
COMMUNICATION AND MEDIA
STUDIES**

**(SCHOOL OF HUMANITIES AND
SOCIAL SCIENCES)**

DEPARTMENT OF MASS COMMUNICATION AND MEDIA STUDIES

1. **Name of the Department:** Department of Mass Communication and Media Studies

2. **Year of establishment :** 2011

3. **Is the Department part of a School/Faculty of the university?**

Yes (School of Humanities and Social Sciences)

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc, D. Lit, etc.):**

The following courses are offered in the Department:

At Postgraduate Level:

- M. A. Mass Communication

At PhD Level:

- Ph.D. in Mass Communication and Media Studies

5. **Interdisciplinary programmes and departments involved:**

In CBCS system from 2015-16 session students will have options to select Open Elective Courses from other Departments. In addition the Department also offers PG level courses for students of other Departments/Schools as open electives under CBCS. The following Open Electives are proposed to be offered to other Departments across the University at PG level:

Paper Code	Name of the Paper	Credits	Level
MC-511	Gender and Media	3	PG level
MC-522	Film Studies	3	PG level

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

7. **Details of programmes discontinued, if any, with reasons:**

No Programme discontinued.

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

The University follows Semester system. The CBCS has been adopted from the academic year 2015-16.

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			
Associate Professors			
Assistant Professors			
Others (Research/Faculty Associate)			

Refer to the section 1(24) of the report.

DEPARTMENT OF MASS COMMUNICATION AND MEDIA STUDIES

11. Faculty profile with name, qualification, designation, area of specialization, experience, and research under guidance: Nil
12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil
13. Percentage of classes taken by temporary faculty – programme-wise information: N/A
14. Programme-wise Student Teacher Ratio: N/A
M. A. in Mass Communication not running from the past two years due to few number of applications and admissions.
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:
Support staff available at the School Level
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: 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 : Nil
 - state recognition
 - national recognition
 - international recognition
21. Special research laboratories sponsored by/created by industry or corporate bodies : N/A
22. Publications: N/A (No Faculty Member in the Department)
 - * Number of papers published in peer reviewed journals (national / international): Nil
 - * Monographs: Nil
 - * Edited Books: Nil

Books with ISBN with details of publishers:

Name	No. of Books	Details of Books:
		Books

*Chapters in Books: 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.) : Nil

* Citation Index – range /average: N/A

* SNIP: N/A

* SJR : N/A

DEPARTMENT OF MASS COMMUNICATION AND MEDIA STUDIES

- * Impact Factor – range / average: N/A
 - * h-index : N/A
- 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). :** Nil
- 28. Student projects**
- **percentage of students who have done in-house projects including inter-departmental project:** The students of the postgraduate programme require conducting research work and writing dissertation for partial fulfilment of their masters' degree. However, M. A. in Mass Communication not running from the past two years due to few number of applications and admissions.
 - **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 :** 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. :** Nil
- 31. Code of ethics for research followed by the departments:**
Research ethics are followed strictly to maintain confidentiality, maintain dignity of the subject and ensure biased free information in research.
- 32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M. A. in Mass Communication					

Refer to the details provided in Admissions/Examinations report.

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. A. in Mass Communication				

DEPARTMENT OF MASS COMMUNICATION AND MEDIA STUDIES

Refer to the details provided in Admissions/Examinations report.

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

35. Student progression: N/A (M. A. in Mass Communication Programme was conducted in 2012-14)

Student progression	Percentage against enrolled
UG to PG	N/A
PG to M.Phil.	N/A
PG to Ph.D.	N/A
Ph.D. to Post-Doctoral	
Employed	
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff: Nil

Percentage of faculty who are graduates of	
the same university:	Nil
from other universities within the State:	Nil
from universities from 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:

38. Present details of departmental infrastructural facilities with regard to

- a) **Library :** The Department uses Central library facility
- b) **Internet facilities for staff and students:** Yes (24x7)
- c) **Total number of class rooms:** N/A (only PhD Programme is running)
- d) **Class rooms with ICT facility:** wi-fi enabled
- e) **Students' laboratories :** N/A
- f) **Research laboratories:** N/A

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

- a) **from the host institution/university:** Doctoral Students: 2 students
Ms. Saroj Singh
Mr. Vikram B. Shehajpal

- 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.: Nil

42. Does the department obtain feedback from

DEPARTMENT OF MASS COMMUNICATION AND MEDIA STUDIES

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? N/A
 - b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? N/A
 - c. Alumni and employers on the programmes offered and how does the department utilize the feedback? Nil
43. List the distinguished alumni of the department (maximum 10): Nil
44. Give details of student enrichment programmes (special lectures/workshops / seminar) involving external experts.
45. List the teaching methods adopted by the faculty for different programmes.
Widely accepted and practiced methods of teaching media courses.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? N/A
47. Highlight the participation of students and faculty in extension activities. Give details of “beyond syllabus scholarly activities” of the department. N/A
48. Give details of “beyond syllabus scholarship activities” of the department: N/A
49. State whether the programme/ 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. N/A
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weaknesses
<ul style="list-style-type: none">• The Syllabus is designed at par with the reputed Universities.• The senior faculty member from IIMC- New Delhi has been roped in for PhD supervision and research work.	<ul style="list-style-type: none">• We need to create a departmental library.• We require increasing numbers of journals and other resource materials.• We need to add faculty members with diverse specialization.• No student at postgraduate level• Limited space and infrastructure for the Department.
Opportunities	Challenges

DEPARTMENT OF MASS COMMUNICATION AND MEDIA STUDIES

<ul style="list-style-type: none">• Located in NCR, the Department can benefit from the available talent of national and International repute in teaching and research.• The Department can start programmes and diploma courses and be accessible to the international audience.• The Department can explore possibilities of developing as the centre of excellence in media studies.• The Department can host a number of in-service training programme for working professionals in media industry.• The Department has potential of becoming an excellent training centre in short time media courses.	<ul style="list-style-type: none">• The Department requires reviewing the admission policy in its programmes to attract more number of applications.• Low turnout of applications for admissions in M. A. Programme.• No faculty members.• Limited numbers of journals and other resource materials for research.
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52. Future plans of the department.

- Starting integrated Programme (B.A+M.A. in Mass Communication), Short term & Diploma Courses in Mass Communication and Media studies.
- Establishing Media Labs and Studio.
- Developing Training Facilities in the Department.

**DEPARTMENT OF HISTORY &
CIVILIZATION**

**(SCHOOL OF HUMANITIES AND SOCIAL
SCIENCES)**

DEPARTMENT OF HISTORY & CIVILIZATION

- 1. Name of the Department :** Department of History & Civilization
- 2. Year of establishment :** 2011
- 3. Is the Department part of a School/Faculty of the university? :** Yes, the Department is part of School of Humanities and Social Sciences.
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :** The Department offers PG and Doctoral level Programme; At present 03 Ph.D. Scholars have been registered with the Department. The response to PG programme is not very encouraging.
- 5. Interdisciplinary programmes and departments involved:** The Faculty of the Department is also involved in teaching various interdisciplinary courses in other Departments/Schools of the University.
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
- 7. Details of programmes discontinued, if any, with reasons:** No Programme discontinued. NIL
- 8. Examination System:** Annual/Semester/Trimester/Choice Based Credit System: Semester System is followed in the Department. The CBCS is adopted from the Current Academic Year (2015-16 session).
- 9. Participation of the department in the courses offered by other departments:** It will be followed once the students are enrolled in the Department.
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	Refer to SSR Section 1(24)	01	00
Associate Professor		00	00
Asst. Professor		01	00
Others		00	00

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

Name	Qualification	Designation	Specialization	No. Of Year of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Prof. Mahavir Singh	Ph. D.	Professor	International Relations/History	32	02 Ph.D. Guided: 02 Guiding; 12 M.Phil Awarded.

DEPARTMENT OF HISTORY & CIVILIZATION

Dr. Navras Jaat Aafreed i	Ph.D.	Asst. Professor	History	9	02 Ph.D Guiding
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- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil
- 13. Percentage of classes taken by temporary faculty – programme-wise information:** Nil
- 14. Programme-wise Student Teacher Ratio:** As per GBU Rules.
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:** Support staff available at the School Level.
- 16. Research thrust areas as recognized by major funding agencies:**
Modern & Contemporary History, Indian Culture, International Relations (Eurasia & South Pacific) and Indian Diaspora;
Jewish/Judaic Studies, Asian Studies, South Asian Studies, Indian Studies, Indo-Judaica/Indo-Judaic Studies, Medieval & Modern Indian History, Non-Jewish Claimants of Israelite Descent in South Asia, Roma/Romanis, Religious Minorities in South Asia, Muslim Anti-Semitism, Muslim Zionism, Judaizing Movements in India, Jewish-Muslim Relations, People to People Interaction between Indians and Israelis, Israeli Tourism in India, Chabad in India, Anti-Americanism, Comparative Study of Judaism and Indic Religions
- 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:**
As above.
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 :** Nil
 - 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):

	Prof. Singh	Mahavir	Dr. N.J. Aafreedi	Total
National	9		Nil	9

DEPARTMENT OF HISTORY & CIVILIZATION

Inter-national	7	05	12
			21

* **Monographs:** 0

* **Chapters in Books**

	Prof. Singh	Mahavir	Dr. N.J. Aafreedi	Total
Book Chapters	Nil		02	

* **Edited Books:** 0

* **Books with ISBN with details of publishers:**

	No. of Books	Details of Books:
Prof. Mahavir Singh	11	<p>Soviet View of Indian National Congress, Sanchar, New Delhi, 1991</p> <p>Indians Abroad, (Ed.), with S.D. Singh, Hope India, Gurgaon, 2003</p> <p>Maulana Abul Kalam Azad : Profile of a Nationalist,(Ed.),Anamika, New Delhi, 2003</p> <p>Eurasian Vision, (Ed.), with Victor Krasilshchikov, Anamika, New Delhi, 2003</p> <p>India and Tajikistan : Revitalising a Traditional Relationship, (Ed.) , Anamika, New Delhi, 2003</p> <p>International Terrorism and Religious Extremism : Challenges to Central and South Asia, (Ed.), Anamika, New Delhi, 2004 (Chinese language version published by Lanzhou University, Peoples' Republic of China)</p> <p>Central Asia since Independence, (Ed.) with K.Warikoo, Shipra, New Delhi, 2004</p> <p>Home Away from Home : Inland Movement of People in India, (Ed.), Anamika, New Delhi, 2005</p> <p>Panchsheel : From Retrospect to Prospect, ,Shipra, New Delhi, 2005 3</p> <p>Migration in South India, (Ed.), with K.S.mathew & Joy Verkey, Shipra, New Delhi, 2005</p>

DEPARTMENT OF HISTORY & CIVILIZATION

		11) Building a New Asia, (Ed.), Shipra, New Delhi, 2006
Dr. Navras Jaat Aafreedi	01	<p>2006, The Indian Jewry and the Self-Professed ‘Lost Tribes of Israel’ in India, Bene Israel Heritage Museum and Genealogical Research Centre, Mumbai [e-book/CD-Rom] “Believed to be the first book to combine study of the Lost Tribes of Israel in India with that of the Indian Jews, and a rare major work by a non-Jew on the subject of the Lost Tribes of Israel.”</p> <p>- The Jerusalem Post (Online Edition), December 17, 2006</p>

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
- * Citation Index – range /average: N.A.
- * SNIP: N.A.
- * SJR : N.A.
- * Impact Factor – range / average: N.A.
- * h-index : N.A.

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. Mahavir Singh

i) Appointed Honorary Visiting Fellow by the School of Library, Archive and Information Studies of the University College London at London for the duration 02.10.1995 to 31.07.1996

Dr. Navras Jaat Aafreedi

Year	Degree Research Topic	Subject/Subjects	University
2010	PostDoctorate Cambridge, UK	Muslim- Jewish Relations Muslim- Jewish Relations in South Asia	Woolf Institute,
2007	PostDoctorate University, Israel	History of the Jewish People Traditions of Israelite Descent among Certain Muslim Groups in India	Tel Aviv

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Prof. Mahavir Singh

i) Secretary-General, Indian Society for Central Asian Studies, New Delhi

DEPARTMENT OF HISTORY & CIVILIZATION

- ii) Association of Commonwealth Archives and Records Managers, London
 - iii) Member of British Scholars Alumni Association, London
 - iv) Life Member of Indian Association for Canadian Studies, New Delhi, and was local Secretary of XIV International Conference on Canadian Studies
 - v) Member, Indian Historical Records Commission, Govt. of India, New Delhi
 - vi) Life Member, Indian History Congress, New Delhi
 - vii) Member, Board of Studies, School of International Studies, Jawaharlal Nehru University, New Delhi(w.e.f.25.01.2012 for three years)
- Executive Editor, Contemporary Central Asia, a Tri-annual journal published by the MAKAIAS and Centre for Central Asian Studies, New Delhi
 - Served as non- official Member on the Grants Committee of the National Archives of India, Ministry of Human Resource Development, Deptt. of Culture, Govt.of India for two consecutive terms during 1992-93 and 1993-94
 - Served on the Governing Body of Union Territory of Pondicherry College of Education Society.
 - Served as a member of the sub-group under the Working Group of Archaeology and Museums for the 10th Five Year Plan Proposals, Dept. of Culture. Ministry of Tourism & Culture, govt. of India
 - Served as a Member of the Governing Body of Calcutta Cultural Centre under the Presidentship of His Excellency the Governor of West Bengal
 - Served as a Member on the Selection Committees of faculty positions in prestigious Universities like the JNU, New Delhi, Vishwa Bharati, Shantiniketan, and Bombay University, Mumbai etc.

Dr. Navras J. Aafreedi

- Editorial Board, Journal of Indo-Judaic Studies (International refereed journal published by Florida International University, USA and the University of Saskatchewan, Canada, ISSN 1206-9330)
- Advisory Team, The Ten Lost Tribes Challenge: Expeditions of Discovery (A series of research and discovery expeditions to various groups around the world, who consider themselves or considered by others to be descendants of the Ten Lost Tribes of Israel)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Encouraging

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

DEPARTMENT OF HISTORY & CIVILIZATION

/ industry / institute: Nil

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

- Faculty :

Prof. Mahavir Singh

- i) Awarded the Senior Academic Staff Fellowship by the Commonwealth Scholarship Commission in the United Kingdom for the year 1995-96 ii
- 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.

Prof. Mahavir Singh

- International Conferences International Workshops on “Problems of Governance in the Eastern South Asia Sub- region”, Kathmandu, Nepal, March 2001
- International Seminar on “Central Asia : Ten Years of Independence”, at IIC, New Delhi, November 2001
- International Seminar at the Tajik Academy of Sciences, Dushanbe, Tajikistan, May 2002 International Seminar on “International Terrorism and Religious Extremism : Challenges to Central and South Asia”, at Teen Murti Bhavan, New Delhi during January 2003
- International Seminar on “Sino –Indian Relations and Asian Security”, at Beijing, China, in collaboration with China Centre for Contemporary World Studies, Beijing, September 2003
- International Seminar on “Building a New Asia : Problems and Prospects of Regional and Pan –Asian Cooperation for Security and Development”, at Taj Bengal, Kolkata, March 2004
- International Seminar on “Panchsheel : Retrospect and Prospect”, Kolkata, October 2004
- International Conference on Remembering Bandung : Quest for Asian and African Cooperation for Peace and Development”, at ICSSR, New Delhi, April 2005

National Seminars / Conferences

- National Seminar on “Maulana Abul Kalam Azad and the Indian National Movement”, November, 2001, on the 113th birth anniversary of Maulana Azad National Seminar on “Internal Migration”, December 2002
- National Seminar on “Indian Nationalism : Re – Examination of its Concept and Relevance in the present Context”, November 2003, on the 115th birth anniversary of Maulana Azad National Seminar on “Holistic Character of Freedom Movement in India and the Contribution of Minorities and Small Ethnic Groups to its Growth and Development”, to mark the 116th Birth Anniversary of Maulana Abul Kalam Azad, November 2004
- A number of National Seminars pertaining to the North – East region of India organized in many North – Eastern states as also publications brought out on North – East region of India

31. Code of ethics for research followed by the departments: Yes, it is strictly

DEPARTMENT OF HISTORY & CIVILIZATION

followed to maintain confidentiality, maintain dignity of the subject and ensure biased free information in research (WHO Guidelines are strictly followed).

32. Student profile programme-wise: Ph D information should be given from the School level

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A. (History)	3	0%	100%		Due to low number of candidates, they were transferred to other department, on their choice.

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
				0

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

35. Student progression

Student progression		Percentage against enrolled
UG to PG		N.A.
PG to M.Phil		N.A
PG to Ph.D.		N.A.
Ph.D. to Post-Doctoral		N.A.
Employed		
<input type="checkbox"/> Campus selection		
<input type="checkbox"/> Other than campus recruitment		N.A
Entrepreneurs		

36. Diversity of staff

DEPARTMENT OF HISTORY & CIVILIZATION

Percentage of faculty who are graduates	
of the same University	Nil
from the other universities within the state	Nil
From universities from other state	01 Faculty
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: No one

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Facility of Central Library
- b) Internet facilities for staff and students : Yes
- c) tal number of class rooms : Available as per requirement
- d) Class rooms with ICT facility : 100%
- e) Students' laboratories : N/A
- f) Research laboratories : Nil

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

a) from the host institution/university: List of Doctoral Students is given below:

1.	Ms. Tanushree
2.	Mr. Nanak Chand
3.	Mr. Abhinav Divyanshu

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.: No

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 discussion is held among the faculty members and BoS meeting is conducted periodically to revise and update the syllabus.
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? N/A
- 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): N.A.

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

2014	
April 2	Lecture on “Dialogue and Ethics: Encountering the ‘Other’ in the Mahabharata” by Dr. Brian Black, Lancaster University, UK
March 20	Organised a Panel on Women’s Issues, Concerns and Rights, with

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	Prof. Jael Silliman, Australian Social Activist Jennifer Star of Tara.ed and Dr.BipashaSom as the panelists. The panel was preceded by a lecture by Prof. Silliman on her Digital Archives Project focused on her Baghdadi Jewish Community of Calcutta (now call Kolkata) and a reading of excerpts from her maiden novel depicting the community.
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45. List the teaching methods adopted by the faculty for different programmes.

Various methods are adopted by the faculty members based on the requirement of the course.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The Department conducts the interactive sessions with the students and the students are encouraged to give/analyze real life situations/examples on the basis of their theoretical training in the classes. They are also encouraged to take up projects/assignments reflective on the objectives on learning outcomes of the Course.

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

N/A

48. Give details of “beyond syllabus scholarly activities” of the department.

The Research Scholars are encouraged to present their papers in national/international conferences and contribute in the scholarly journals.

49. State whether the programme/ 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 faculty member of the department contributes with research papers, articles, book chapters, and presentations in the Conferences, Workshops etc. in the area of specialization and expertise. The scholars of the department are also taking part in various academic activities.

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

Strengths	Weaknesses
<ul style="list-style-type: none">• Each faculty has a distinct area of specialization.• The Syllabus is designed at par with the national/ international bodies of repute.• The students of the Department are encouraged to apply theoretical	<ul style="list-style-type: none">• Lack of departmental library• Limited availability of journals and other resource materials• Relatively poor communication skills of the students• Poor response of students

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knowledge into field. <ul style="list-style-type: none">• The students are given adequate opportunity to participate in co-curricular activities.• The Department is equipped with latest equipments and instruments.	
Opportunities <ul style="list-style-type: none">• Exploring the options for field based studies and consultancy• Deliberating to start new programmes• Creating avenues for extension activities	Challenges <ul style="list-style-type: none">• To become competent and at par with other universities of repute.• Attracting students to the existing programmes and creating new skill based programmes

52. Future plans of the department.

- To launch UG and integrated programmes

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MANGEMENT**

(SCHOOL OF MANAGEMENT)

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- 1. Name of the Department :** Department of Business Management
- 2. Year of establishment:** 2008
- 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.):** PG, Integrated Masters and Ph.D.
- 5. Interdisciplinary programmes and departments involved:** No
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.: No**
- 7. Details of programmes discontinued, if any, with reasons:** No
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Semester & choice Based Credit system
- 9. Participation of the department in the courses offered by other departments:** Yes
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) Plz refer each in 1(24)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	As per section 1 (24) of SSR	00	-
Associate Professors		03	-
Asst. Professors		10	-
Research/ Faculty Associates		06	-

- 11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**
Annexure-F
- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:** No
- 13. Percentage of classes taken by temporary faculty – programme-wise information:**

For 2014-15		
S. No.	Programme	Percentage of Classes
1	Integrated MBA	NIL
	Integrated B. Tech + MBA	10%
2	M.B.A.	NIL
3	PhD	NIL

- 14. Programme-wise Student Teacher Ratio:** 18:1 (Annexure-I)
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

	Sanctioned	Filled	Actual
Administrative Staff	Please refer section 1 (24) of SSR	01	-
Support Staff (technical)		02	-

- 16. Research thrust areas as recognized by major funding agencies:** No
- 17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the**

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- names of the funding agencies, project title and grants received project-wise:** No
18. **Inter-institutional collaborative projects and associated grants received:** No
a) National collaboration b) International collaboration
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:** No
20. **Research facility / centre with:** No
• state recognition
• national recognition
• international recognition
21. **Special research laboratories sponsored by / created by industry or corporate bodies:** No
22. **Publications: (Annexure-II)**
- 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 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:** No
24. **Areas of consultancy and income generated:** Research Methodology Workshops (Annexure-III)
25. **Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad:** No
26. **Faculty serving in**
a) National committees b) International committees c) Editorial Boards d) any other (please specify): (Annexure-IV)
27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):** (Annexure-V)
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 : 100% (Summer Internship Project)
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**
-

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funding (national/ International) with details of outstanding participants, if any. : Organised Workshops and Conferences on self funding mode. (Annexure-III)

31. **Code of ethics for research followed by the departments:** As per GBU Research Guidelines.
32. **Student profile programme-wise:** (Annexure-VI)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Integrated MBA	Refer to Annexure- Vol-II/1				
Integrated B. Tech + MBA					
M.B.A.					
PhD					

33. **Diversity of students: (as on Date)**

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
Integrated MBA				
Integrated B. Tech + MBA				
M.B.A.				
PhD				

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

No Data Available

35. **Student progression**

Student progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil.	NA
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	NA
Employed	
<input type="checkbox"/> Campus selection	Please refer SSR annexure 5.1.14
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	Please refer SSR annexure 5.1.14

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36. Diversity of staff:

Percentage of faculty who are graduates:	%
of the same university	0
from other universities within the State	63
from universities from other States from	37
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: Awarded Ph.D. for three (05) Faculty members: (Annexure-VII)

38. Present details of departmental infrastructural facilities with regard to

- a) Library: No
- b) Internet facilities for staff and students: Yes
- c) Total number of class rooms: 14 (including tutorial rooms)
- d) Class rooms with ICT facility: 100%
- e) Students laboratories: two (02)
- f) Research laboratories: two (02)

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

- a) from the host institution/university

S.No.	Year of Admission	Enrollment No.	Name of Ph.D. Student
1	2009	PhD/MGT/0903	Sheeba Khan
2	2009	PhD/MGT/0904	Rajeev Sirohi
3	2009	PhD/MGT/0905	Varsha Khatri
4	2009	PhD/MGT/0906	Babita Bhati
5	2009	PhD/MGT/0907	Princy Vij
6	2009	PhD/MGT/0908	Shadma Parveen
7	2009	PhD/MGT/0909	Vinay Litoria
8	2010	PhD/MGT/1002	Amardeep Bhurji
9	2010	PhD/MGT/1003	Amit Sareen
10	2010	PhD/MGT/1004	Atma Ram Mishra
11	2010	PhD/MGT/1005	Anu
12	2010	PhD/MGT/1006	Bharat Bhushan
13	2010	PhD/MGT/1007	Deepika Saxena
14	2010	PhD/MGT/1008	Gunjan Handa
15	2010	PhD/MGT/1009	Jaya Gupta
16	2010	PhD/MGT/1011	Naipal Singh
17	2010	PhD/MGT/1012	Namita Gupta
18	2010	PhD/MGT/1013	Neeti Leekha Chhabra
19	2010	PhD/MGT/1014	Pooja Mishra
20	2010	PhD/MGT/1015	Pooja Tiwari
21	2010	PhD/MGT/1016	Purva Singh
22	2010	PhD/MGT/1018	Santosh Kumari

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23	2010	PhD/MGT/1019	Shweta Goel
24	2010	PhD/MGT/1020	Vinod Singh
25	2011	Ph.D/MGT/1101	Ritu Wadhwa
26	2011	Ph.D/MGT/1102	Urvesh Chaudhary
27	2011	Ph.D/MGT/1104	Abhimanyu Singh
28	2011	PhD/MGT/1106	Ajit Singh
29	2011	PhD/MGT/1107	Prabhash Chandra
30	2011	Ph.D/MGT/1109	Amit Chaudhary
31	2011	Ph.D/MGT/1110	Priyanka Sihag
32	2012	PhD/MGT/1202	Seema Verma,
33	2012	PhD/MGT/1203	Prannay Tripathi
34	2013	PhD/MGT/1301	Aditi Sharma
35	2013	PhD/MGT/1302	Pragati Swaroop
36	2013	PhD/MGT/1303	Neeti Saxena
37	2013	PhD/MGT/1305	Upasana Kanchan
38	2013	PhD/MGT/1307	Gunjan Tripathi
39	2013	PhD/MGT/1308	Shruti Arora
40	2013	PhD/MGT/1309	Pinaki Chaterjee
41	2013	PhD/MGT/1310	Aarti Nagar
42	2013	PhD/MGT/1311	Ajay Yadav
43	2013	PhD/MGT/1312	Rashmi Ranga
44	2013	PhD/MGT/1313	Devendra Kumar Gautam
45	2013	PhD/MGT/1314	Shilpi Rani
46	2010	12/PHSS/1015	Preeti Chaudhry

b) from other institutions/universities: No

- 40. Number of post graduate students getting financial assistance from the university:** No
- 41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:**

For introducing any new Programme following methodology has been used:

- Faculty members initiate the proposal for new programme by its own or suggested by any competent authority of the university.
- After detailed discussion and approval of BOS (Board of Studies) proposal has sent to Academic council (A.C.) for approval.
- After approval of A.C. proposal has to put forward in the BOM (Board of Management) for final approval.

- 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, by updating faculty members in and discussing in next BOS.

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- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Yes, by updating faculty members and staff individually and by discussing in the faculty meeting for improving teaching learning efficiency.
- 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):** (Annexure-VIII)
44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**
Please refer SSR annexure 5.1.14
45. **List the teaching methods adopted by the faculty for different programmes. :**
A mixed teaching pedagogy used which includes (Lectures, Case discussions, Presentations, Tutorials and Labs)
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
On the basis of continuous assessment of the students (Quiz, Surprise Tests, Mid Semester Exam, End Semester Exam, Students Presentations)
47. **Highlight the participation of students and faculty in extension activities.**
Faculty members and volunteer students operate YASHODHARA SIKSHA SHIVIR for children of underprivileged section of society in the surrounding area by teaching and creating awareness about literacy and its impacts.
48. **Give details of “beyond syllabus scholarly activities” of the department.**
Group Actives for Finance, Marketing, HR, Operations and Strategy area, Industry Visits, Penal Discussion, Conference, Workshops)
49. **State whether the programme/ department is accredited/ graded by other agencies? No**
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:** Yes, by publishing Research Papers in various Reputed Journals and Guiding Research Scholars in different specialised areas.
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**
- Strengths:
- Well qualified faculty (All are Ph.D. except one)
 - Well equipped classrooms as per international standards
 - Industry Oriented contemporary course structure
 - Regular Academic-Industry Interface
 - Frequently organisation of Conferences and Workshops
- Weaknesses:
- New Setup
 - Lack of senior faculty
 - Very few international collaborations
 - Less Funded Project

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- UGC funding not available for conferences/ workshop

Opportunities:

- Potential to Grow
- Distance Learning Programmes
- New Collaborations
- New Interdisciplinary Programmes
- Conduction of MDPs / Consultancy

Challenges:

- Outsourced staff
- More Funded Project
- To attract quality Students
- Striving towards centre of excellence
- Strengthen the research culture

- 52. Future plans of the department:** Starting MBA in travel & tourism and MDPs.

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Annexure F

S. No	Name	Designation	Qualification	No. of Years Experience	Area of Expertise	No. of Ph.D./MBA Students guided for the last 4 years
1	Dr. Shweta Anand	Associate Professor	Ph. D.	21	Finance	5/ 30
2	Dr. Neeti Rana	Associate Professor	Ph. D.	18	HRM	5/ 30
3	Dr. Indu Uprety	Associate Professor	Ph. D.	19	Decision Science & Operation Management	2/ 30
4	Dr. Dinesh K Sharma	Assistant Professor	Ph. D.	16	Finance	5/ 30
5	Dr. Lovy Sarikwal	Assistant Professor	Ph. D.	17	HRM/OB	5/ 30
6	Dr. Manisha Sharma	Assistant Professor	Ph. D.	12	Decision Science	4/ 30
7	Dr. Sharade ndu Pandey	Assistant Professor	Ph. D.	9	Strategy and Entrepreneurship	5/ 30
8	Dr. Varsha Dixit	Assistant Professor	Ph. D.	14	HRM	3/ 30
9	Dr. S Banerjee	Assistant Professor	Ph. D.	15	Marketing	2/ 30
10	Dr. Naveen Kumar	Assistant Professor	Ph. D.	6	Marketing (International Business)	4/ 30
11	Dr. Ombir Singh	Assistant Professor	Ph. D.	8	Economics	3/ 30

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12	Dr. Rakesh Kr Shrivast av	Assistant Professor	Ph. D.	13	Finance, Economics	4/ 30
13	Dr. Satish Kumar	Assistant Professor	Ph. D.	14	Accounting & Finance	3/ 30
14	Dr. Kavita Singh	Research/ Faculty Associate	Ph. D.	7	HR/OB	/ 30
15	Dr. Samar Rashqin	Research/ Faculty Associate	Ph. D.	8	HR/OB	/ 30
16	DR. Monika Bhati	Research/ Faculty Associate	Ph. D.	8	HR/OB	/ 30
17	Ms. Shadma Praveen	Research/ Faculty Associate	Ph. D.	8	HRM	/ 30
18	Dr. Deepika Joshi	Research/ Faculty Associate	Ph. D.	10	Strategic Manageme nt, Operations Strategy	/ 30
19	Mr. Praney Tripathy	Research/ Faculty Associate	MBA	3	Marketing	/ 30

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(Annexure-I)

14. Programme-wise Student Teacher Ration:

S.No	Semester	No. of Seats	Registered Students (2014-15)	Students teacher Ratio
1	MBA II Sem	120	22+(92 B. Tech + MBA) = 114	18:01
2	MBA IV Sem	120	21+ (40 B. Tech + MBA)= 61	
3	Integrated MBA II Sem	60	30	
4	Integrated MBA IV Sem	60	23	
5	Integrated MBA VI Sem	60	36	
6	Integrated MBA VIII Sem	60	47	
7	Integrated MBA X Sem	60	35	
	Grand Total	540	346	

(Annexure-II)

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Publications: National/ International Journals/ Conference Proceedings/ Book Chapters

1. Amit Chaudhary and Indu Uprety, "Telecom Service Quality: A Review" published in Global Journal of Finance and Management, Vo. 4(1), pp. 98-103, 2012.
2. Amit Chaudhary, Indu Uprety, "Evaluation and Precedence of Factors Affecting Telecom Service Quality: AHP and Fuzzy Analysis", published in International Journal of Advanced Operations Management (IJAOM), 2014. ISSN:1758-9398.
3. Amit Chaudhary, Indu Uprety, "Identification of Telecom Service Quality Dimensions In India with Fuzzy Analysis", Global Journal of Management and Business Studies (GJMBS), Volume 3, Number 5, 2013. ISSN 2248-9878.
4. Anand S. (2008) 'Ensuring Financial Literacy of the Technical Workforce before they step into the industry' abstract was published in the proceedings of the 38th ISTE National Annual Convention & IFEES International Conference, KIIT University, Bhubneshwar, India.
5. Anand S. (2009) 'Agricultural Commodities Futures Trading – Percolating Know How towards Creating Market Demand' abstract was published in the proceedings of the International Conference on Agripreneurship & Rural Development, BHU, Varanasi, India.
6. Anand S. (2009) 'Emerging Challenges for Indian Banking Industry in the backdrop of Global Financial Crisis' full paper was published in the proceedings of the 9th Global Conference on Business & Economics, Cambridge University, Cambridge, UK.
7. Anand S. (2010) 'Emerging Challenges for Indian Banking Industry in the backdrop of Global Financial Crisis' full paper was published in IJBE International Journal of Business & Economics is published by Association for Business and Economics Research , Fall 2010, Volume 10, No. 1, ISSN 1543-1614 Pages 33-38.
8. Anand S. (2010) 'Financial Inclusion of the Masses – bridging the Gap the NAFiL way' abstract published in the proceedings of the 'National Seminar on Managing Inclusive Growth in India: A Re-look into the Socio-Economic Perspectives', MNNIT, Allahabad, India.
9. Anand S. (2010) 'Piggy Backing Mobile Inclusion for Financial Inclusion and balanced development: A case study of developing countries' full paper was published in the proceedings of the International Conference on Globalization and Economic Asymmetries in International Trade and Development, IIM Lucknow, Noida, India.
10. Anand S. (2010) 'Using Weather Derivatives for Risk Management of Infrastructure Industry' abstract was published in the proceedings of the International Conference on Infrastructure Finance, IIT Kharagpur, Kharagpur, India.

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11. Anand S. (2011) ‘‘Aadhaar’ based Banking Services Growth and Financial Inclusion’ full paper is published in International Journal of Business Management, Economics and Information Technology ISSN:0975-296X for Vol. 3, No. 2 (Jul-Dec 2011) Pages 201-207.
12. Anand S. (2011) ‘Forecasting and Mitigating Global Systemic Risks’ full paper is published in International Journal of Management and Computing Sciences (IJMCS) ISSN 2231-3303 Vol. 1, No. III, (July-Sept 2011) Pages 61-68.
13. Anand S. (2011) ‘Global trend in consolidation of Stock Exchanges: An analysis of NYSE Euronext Inc.’ full paper is published in Bi-annual Journal “Samiksha” (ISSN No. 0975-7708) Vol. II, No. 2 (Jul-Dec 2011) Pages 57-60.
14. Anand S. (2011) ‘Mobile Money – A Manah in the wilderness for developing countries’ abstract was published in the proceedings of the International Conference on Inclusive Growth and Microfinance Access, FMS, BHU, Varanasi, India.
15. Anand S. (2011) ‘An innovative fund mobility solution for the unbanked poor masses’ full paper is published in International Journal of Business Policy and Economics (IJBPE) ISSN: 0973-5801 Vol.4 No. 2 (July-Dec 2011) Pages 177-183.
16. Anand S. (2012) ‘Aadhaar’ based Marketing and Financial Inclusion’ full paper was accepted for the proceedings of the International Conference on Marketing, IIM Lucknow, Lucknow, India.

17. Anand S. (2012) ‘Case Study on NAFiL- mobilizing financial independence through women’ full paper is published in International Journal of Development Studies (IJDS) Volume IV, No.1, ISSN 0975-5799 (Jan-June 2012) Pages 95-98.
18. Anand S. (2012) ‘CSR by Banking Industry through Financial Inclusion initiatives’ full paper was published in the proceedings of the 6th International Conference on Contemporary Business 2012 convened by IIT Delhi and Curtin University, Australia at Indian Institute of Technology Delhi (IIT-D), Delhi, India.
19. Anand S. (2013) ‘Financial Inclusion by Indian Banking – Accelerated by IT’ full paper was accepted for the proceedings of the 2013 India Accounting & Finance (IAF) Conference, IIM Lucknow, Lucknow India.
20. Anand S.(2012) ‘Greece: Can Bankruptcy be avoided?’ full paper is published as book chapter in Handbook of Management and Behavioral Sciences ISBN 978-93-81505-27-4 Pages 625-632.
21. Anand S.(2012) ‘Mobile Money – A Manah in the wilderness for Developing Countries’ full paper is published as book chapter in Microfinance Issues and Challenges ISBN 978-81-8329-515-4 Pages 275-282
22. Anand S., Saxena D. (2012) ‘Harnessing Technology for Banking the Unbanked’ full paper was published in the proceedings of the

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International Conference on Innovations and Advancements in SoICT
GBU, Gr Noida, India

23. Anand S., Saxena D. (2012) ‘Technology Based Initiatives by Indian Commercial Banks towards Financial Inclusion’ full paper was published in the proceedings of the CSITM Conference on Benefiting the masses profitably – An Opportunity for Indian Technology Industry, Indian Institute of Management Bangalore (IIMB), Bangalore, India. This paper was given the ‘Best Paper Award’ at this conference.
24. Anand S., Sharma D. K., Singh V. (2013) ‘A Comparative study of Investment Strategies with reference to Indian Banking Sector’ full paper is published in Bi-annual Journal ‘Business Analyst’ (ISSN No. 0973-211X) Vol. 34, Issue 1 (Apr-Sep 2013) Pages 151- 163
25. Anand S., Sharma D.K. Singh V. (2013) “A Comparative Study of Investment Strategies with reference to Indian Banking Sector”, BUSINESS ANALYST-A Refereed Journal of Shri Ram College of Commerce , Vol. 34, Issue-1, April-September 2013, pp. 151-164.
26. Anand, S., Sharma, D. K. & Singh, V. (2015) “Portfolio Management Using Greeks: An Initiative Using the Concept of Delta Neutrality”, Advances in Management & Decision Sciences, ISBN: 978-93-84935-40-5.
27. Anu, Sharma, D.K. & Gupta, P. (2015) “The Journey of IFRS in India”, Advances in Management & Decision Sciences, ISBN: 978-93-84935-40-5
28. Banerjee Subhajit (2005), Technology Upgradation: Impact on Service Quality: Chartered Financial Analyst (Vol IX, Issue 10) October 2005.
29. Banerjee Subhajit ‘Entertainment and Economic Contributions of Indian Hindi Movie Industry’ (2011): Accepted for publication in Cameron, S. (Ed). Economics of Leisure, Edward Elgar Publication, UK,
30. Banerjee Subhajit and Pillania Rajesh,(2009), Relative Position of Resale-Value as a decision variable in a Car-Purchase: A Thurstone Case V analysis of a multi-attribute car purchase-decision model’, Int. J. Electric and Hybrid Vehicles, Inderscience Publications Vol. 2, No. 2, pp.77–97 (c) INDEXED JOURNAL, SJR = 0.18
31. Banerjee Subhajit and Ray Reena, (2004), Branding Strategies for Online Banks, ‘Professional Banker’ an ICFAI publication.
32. Banerjee Subhajit and Reena Ray(2004), Leveraging Retail Banking Brands using Data warehousing: Special edition: Professional Banker: IT Banking an ICFAI publication.
33. Banerjee Subhajit and Sharma AK, ‘Improving Unsustainable livelihood Through Marketing Interventions’, Journal Of Management Development, Emerald U.K, Vol. 33 Iss.2, pp 107- 118 INDEXED JOURNAL , SJR = 0.32
34. Banerjee Subhajit and Sharma AK, ‘Co-creation as a Risk-sharing Strategy for Development of Innovative EUV Lithography Technology in Semiconductor Industry’, Technology Analysis and Strategic Management, Francis & Taylor (Accepted for Publication)-Impact Factor – 0.841(2013), SJR = 0.52

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35. Banerjee Subhojit and Sinha Rajesh, 'OD Interventions for Voluntary Organisations : A Strategic Framework', Review of Management, Vol 2, No 1/2, June 2012, pp 4-17 INDEXED JOURNAL
 36. Banerjee Subhojit and Tripathi D, (2008), Competitive Perspective of Foreign Banks in India: Strategies and Trends, Indian Journal of Accounting, Vol XXXVIX, (1) Dec2008, pg 61-73
 37. Banerjee Subhojit Emerging Trends In E-Commerce: Data Warehousing & Data Mining (2002): in the book 'Commerce Education in the new millennium.' Prof. R. Roy and Prof. J.N. Misra have edited the book. ISBN : 81-225-0276-8
 38. Banerjee Subhojit Leveraging Retail Banking Brands Using Data Warehousing: in the book 'IT in Banks Strategic Issues'. Prof Katuri Nageshwar Rao of ICFAI Hyderabad has edited this book. (ISBN No 81-7881-457-9)
 39. Banerjee Subhojit Technology Upgradation: impact on Service Quality (2006), in the book "Financial services in India - recent trends and innovations" : being edited by Prof.A Dandaphani, IBS chennai. ISBN:8131403475
 40. Banerjee Subhojit, (2004), Designing OD interventions for Rural Voluntary Organizations :JIMS-8M journal, VolIX. No 3,
 41. Banerjee Subhojit, (2008), Datawarehousing: A Tool for Building Retail Banking Brands, AIMA-Journal of Management Research (AJMR), Vol 2, Issue 4/4, December 2008 , ISSN-161
 42. Banerjee Subhojit, (2009), 'Effect of Product Category on Promotional Choice: Comparative Study of Discounts and Freebies', Journal 'Management Research News, issue 2 of volume 32', Emerald Publications – INDEXED JOURNAL, SJR = 0.32
 43. Banerjee Subhojit, (2010), 'Project 'RAMBO': An Initiative To Improve Rickshaw-Puller's Daily Earning', Development in Practice, Routledge's, Taylor & Francis Publications (UK), Volume 20, Number 1, February 2010 INDEXED JOURNAL – SJR = 0.36
 44. Bhati M. "Employees Commitment at Automotive Industry in India" *Handbook of Management and Behavioural Science*, Vol. 5, pp 597-600, 2011
 45. Bhati M. and Dixit V. "A Study about Employee Commitment and its impact on Sustained Productivity in Indian Auto-Component Industry", *European Journal of Business and Social Sciences*, Vol. 1, No. 6, pp 34 – 51, September 2012.
 46. Bhati, B. and Pandey, S. (2013). Role of Entrepreneur's competences in Managing Firm's Performance. *Business Analyst*, 34 (1) (by Shri Ram College of Commerce, Delhi)
 47. Bhushan, B. and Pandey, S. (2015). Exploring the dynamics of Network Characteristics in Indian High Technology Entrepreneurial Firms. *Journal of Global Entrepreneurship Research*, 5 (1). Springer.
 48. Chandra S. and Sharma M. (2005), "On Triangular Matrix Summability of Fourier Series, Applied Science Periodical, Vol. VII, No. 1, pp.34-43.
 49. Chandra S. and Sharma M. (2005), A note on Riesz and (N,p,q) means, *Acta Ciencia Indica*, Vol. XXXM, 4, pp. 107-115.
-

DEPARTMENT OF BUSINESS MANAGEMENT

50. Chandra S. and Sharma M. (2006), On Generalized Norlund Summability factor of Orthogonal Series, The Mathematics Education, Vol. XL, No. 1, pp.89-99.
51. Dixit ,Varsha (2012, Sept). Internet Gaming for Teenagers- A Blessing or A Curse?, International Journal of Applied Services Marketing, J&K ,Vol 1, No.1, July-Sept , pp 80-82
52. Dixit ,Varsha and Agarwal, B.B. (2009, Jan). Performance Related Pay. Business Research, page 1-7, New Delhi, India
53. Dixit ,Varsha and Agarwal, B.B. (2013, Feb). Performance Management –Revisited, Volume 1, No.4, British Journal of Social Sciences, London, U.K. page 1-15 ISSN 2326 4209
54. Dixit, Varsha (2011), “The Leadership Challenge”, Journal of Education and Vocational Research, Dubai, ISSN 2221 2590
55. Dixit, Varsha (2005) .Changing faces of HRM in the New Millennium published in book “Dynamic Role of Management in Global Economy” authored by Dr. K.N.S. Kang ,Director, Punjab College of Technical Education, Ludhiana.
56. Dixit, Varsha (2005), Changing faces of HRM in the New Millennium, organized by PunjabCollege of Technical Education, Ludhiana.
57. Dixit, Varsha , Shuchi Shukla and Mansi Garg (Feb 2015) Paper titled “Antecedents of Employee Commitment & Organization Performance” published in edited book on “Mind Management for Management” authored by Sanjeev Mittal, Pooja Khatri and Shilpa Jain , Dean and faculty Guru Gobind Singh Indraprastha University, New Delhi .
58. Dixit, Varsha and Agarwal, B.B. (2007, Jan). The Path to Peak Performance. Management Edge, Vol-3. No.2, page 80-82, New Delhi , India
59. Dixit, Varsha and Agarwal, B.B. (June 2010) Stress Management-A Strategy for Destressing College Freshmen , INCULT-2010 , organised by University of Hertfordshire, Hatfield, U.K. and Universiti of Teknologi, Mara, Malaysia
60. Dixit, Varsha and Bhati, Monika (2012 Sept). A Study about Employee Commitment and its impact on Sustained Productivity in Indian Auto-component Industry, European Journal of Social Sciences, Switzerland, Vol. 1, No.6, pp 34-51
61. Dixit, Varsha and Kaur, Harpreet (2006) KPO Boom-Generating New Avenues of Employment ,organized by Association of International Business (AIB) & IILM, New Delhi
62. Dixit, Varsha and Kaur, Harpreet (March 2006). India as a preferred destination for KPO's, Sameeksha, Vol. 1, No.1, New Delhi, India
63. Dixit, Varsha and Kaur, Harpreet (Oct-Dec 2005). Home Managers successfully managing corporate world” SCMS Journal of Indian management, Vol. 2, No .4, page 88-94, Kerala, India

DEPARTMENT OF BUSINESS MANAGEMENT

64. Dixit, Varsha and Kumar S. (2011). A Study on Performance Appraisal Rating Errors in Selected Banks of NCR. *Journal of Business and Behavioural Sciences*. Vol. 23, No 1, ISSN 1946-8113(USA).
65. Dixit, Varsha and Kumar, S. (2011). Do Gender differences impact professional Development. *International Journal of Research in Computer Application and Management (IJRCM)* Vol. 1, Issue 2, page 83-86
66. Dixit, Varsha, , Sharadindu, Pandey and Pooja Tiwari (11-12 July 2015) .Enhancing Team Performance: An Investigation of Learning Style Diversity, team learning process and task interdependence. Presented in International Conference on ‘Advances in Management & Decision Sciences’ organized by School of Mgt, GBU
67. Dixit, Varsha, , Sharadindu, Pandey and Pooja Tiwari (July 2015) Paper titled “Enhancing Team Performance: An Investigation of Learning Style Diversity, team learning process and task interdependence”. Published in edited book on ‘Advances in Management & Decision Sciences’ authored by Dr. Dinesh Sharma and Dr. Manisha Sharma, GBU, Greater Noida
68. Dixit, Varsha, and Agarwal, B.B. (2010) “ Managerial Challenges” published in a book (PHI) on International Business, Fifth edition authored by Dr. Justin Paul Dixit , Varsha ,“ Powerful women revolution up on corporate highway” May 2005 ,PCTE, Ludhiana.
69. Dixit, Varsha, Misra, Pooja and Rana, Neeti (2012, Nov 22-24). Compensation: Impact of Rewards, Organizational Justice on Job Satisfaction and Turnover intentions in Retail Store, paper presented in (IJACP) of International Conference on Business Management and Information Systems at Singapore
70. Dixit, Varsha, Misra, Pooja and Rana, Neeti (2012, Nov). Compensation: Impact of Rewards, Organizational Justice on Job Satisfaction and Turnover intentions in Retail Store Operations: A study of Delhi and NCR as a part of the edited book on Recent Trends in Business Management and Information Systems, ISBN No. 978-93-82563-39-6
71. Dr. Anil Kumar, Dr. Arshdeep., Ms. Kavita Singh. (2012). “Emerging Issues in Management and Behavioural Sciences”. [Edited Book], Bharti Publications.
72. Dr. N.Hema Lata, Dr.Shyam Lata Juyal, Dr. Kavita Singh. (2014). “Indian Economy: Development Prospects and Perspectives”. [Edited Book], Bharti Publications.
73. Goyal, A. & Sharma, D.K. (2007) “Opportunities and Challenges in the 21st Century for Indian Economy: In the Context of World Economy.” Presented and published in the Conference Volume (Global Leadership: India can do it), IFTM, Moradabad, May 1-2, 2007.

DEPARTMENT OF BUSINESS MANAGEMENT

74. Gupta P. & Sharma, D.K. (2011) ‘Capital structure and financial performance: Evidence from India”, published in the proceedings of Third Annual American Business Research Conference organized by Adelphi University, Long Island, New York, 6-7 June 2011.
75. Hasan, M. & Sharma, D.K (2004) “Emerging Asian Economies in a Global perspective” proceedings of 87th Annual Conference of Indian Economic Association at Banaras Hindu University, Varanasi, from 21-23 December.
76. Indu Uprety and Zaheeruddin, “Fuzzy reliability of gracefully degradable computing systems”, IEEEExplore proc., 2009.
77. Indu Uprety, “Six Sigma in banking services: a case study based approach”, International Journal of Six Sigma and Competitive Advantage, published in vol. 5, pp. 251-271, 2009.
78. Indu Uprety, “Stochastic analysis of reheating-furnace system subject to preventive maintenance and repair”, International Journal of Operational Research (IJOR), vol. 13, no. 3, pp. 256-279, 2012.
79. Indu Uprety, Kalika Patrai, “An Evaluation of Reliability of a Two-Unit Degradable Computing System Using Parametric Non-Linear Programming Approach with Fuzzy Parameters”. Proceedings of SocPros 2013 published in the book series “Advances in Intelligent Systems and Computing”, vol. 259, 143-154, Springer-Heidelberg, 2014. , ISBN: 978-81-322-1767-1.
80. Indu Uprety, Kalika Patrai, “Estimating Reliability of a Markov Model Using Fuzzy Logic Approach”. Proceeding of International Conference on Information Technology and Computer Science, Sept.-2013, Kuala Lumpur, Malaysia, pp: 219-227, ISBN: 978-986-89844-1-7.
81. Indu Uprety, Kalika Patrai, “Estimating Reliability of a Repairable System With Imperfect Coverage and Fuzzy Parameters Using Parametric Non-linear Programming Approach”, OPSEARCH, DOI 10.1007/s12597-015-0216-7, Springer Verlag, 2015, ISSN 0030-3887.
82. Joshi, D. 2014. Analyzing competitive priorities for machine tool manufacturing industry: ANP based approach. In: Janusz Kacprzyk, Warsaw, Poland, Advances in Intelligent and Soft Computing Book Series. New Delhi: Springer, Vol. 236, pp. 173-182.
83. Joshi, D. 2014. Enhancing supply chain effeciency through information sharing in Indian auto-component industry. In Karuna Jain, L. Ganapathy, Ravindra Gokhale, and R. Mukundan, Manufacturing Excellence: Imperative for Emerging Economies, Mumbai, Excel India Publisher, Ch. 11, pp. 109-118.
84. Joshi, D., Rathore, A.P.S., Sharma, D., 2011. Assessment of supply-chain performance indicators for auto-component industry: A case study. Proceedings of The International Conference on Sustainable Manufacturing: Issues, Trends and Practices (ICSM-2011).BITS Pilani, India 10-12 November 2011, pp. 273-278.
85. Joshi, D., Rathore, A.P.S., Sharma, D., 2011. Classification of performance measures and metrics for competitiveness: A comprehensive literature review. In: R.P. Mohanty, S.G. Deshmukh,

DEPARTMENT OF BUSINESS MANAGEMENT

- Handbook on Supply Chain Management. New Delhi: Excel, pp. 325-340.
- 86. Joshi, D., Rathore, A.P.S., Sharma, D., 2011. Determinants of competitiveness: A study of Indian auto-component industry. *Journal of Competitiveness and Strategy*, 2(1), pp. 26-36.
 - 87. Joshi, D., Rathore, A.P.S., Sharma, D., 2011. Determinants of competitiveness: Case study on lighting system manufacturer. Proceedings of The XV Annual International Conference of the Society of Operations Management (SOM-2011). IIM Calcutta, India 16-18 December 2011, pp. 33-40.
 - 88. Joshi, D., Rathore, A.P.S., Sharma, D., Nepal, B., 2011. Determinants of competitiveness and their relative importance: A study of Indian auto-component industry. *International Journal of Services and Operations Management*, 10 (4), pp. 426-448.
 - 89. Joshi, D., Rathore, A.P.S., Sharma, D., Nepal, B., 2013. On supply chain competitiveness of Indian auto-component industry. *International Journal of Production Economics*, 143 (1), pp. 151-161.
 - 90. Joshi, D., Sharma, D., 2010. Expanded Indian automobile sector: A tradeoff between growth and environmental concern. *Indian Economic Journal*, Special issue on climate change, Environment & Economic Development, December 2010, pp. 1-9.
 - 91. Kalika Patrai, Indu Upadhyay, "Estimating Reliability of Degradable Computing Systems Using Fuzzy Logic Approach" published in *International Journal of Current Engineering & Technology*, Inpressco, USA, vol. 4, no. 3, pp: 1226-1230, 2014.
 - 92. Kalika Patrai, Indu Upadhyay, "Reliability Assessment of A Repairable System Using Fuzzy Lifetime Distribution", In proceeding of International Conference on Computing, Communication and Automation, IEEEExplore-2015, pp: 208-212, ISBN: 978-1-4799-8889.
 - 93. Kapoor T. And Sharma M. (2013) "A factor analysis of attitude of education fraternity towards role of technology in effective learning: An empirical study in higher education institution", *Journal of Pedagogy and Psychology*, Signum Temporis Vol.6, No.1, pp. 4-16.
 - 94. Kovid, R.K. & Sharma, D.K. (2012) "Do mergers create value for acquirers? Empirical evidences from Emerging Markets", *The International Journal of Management Digest*, Vol.: 8. No.1.
 - 95. Kumar, Naveen and Gangal, Vijay (2007): "Total Quality Management and Benchmark' Published in the edited book on 'Emerging issues in Business Management' Edited by Prof. K.S.Thakur, Published by Institute of Commerce & Management, Jiwaji University, November, 2007. Gwalior, Page No-75.
 - 96. Kumar, Naveen and Gangal, Vijay (2007): "Trends and Progress of Non-Life Insurance Industry in India" published in the *Journal of*

DEPARTMENT OF BUSINESS MANGEMENT

Osmania University (Hyderabad). Vol-II, No-1, (January-June2007)
Page No-147.

97. Kumar, Naveen and Gangal, Vijay (2008): “Insurance Business in India- Role of IRDA” published in the Journal of Commerce and Business Studies, Avadh Commerce and Management Association. Vol. 1, Issue-1, Jan-2008, Page No 38-44.
98. Kumar, Naveen and Gangal, Vijay (2010): “A Study on Brand Penetration in Indian Rural Market” published in the conference proceeding of 3rd International Colloquium on Business Management, Bangkok, and Jan 2010.
99. Kumar, Naveen and Gangal, Vijay (2011): “Customer Satisfaction in New Generation Banks (A Case study of HDFC Bank) “published in the online Journal of Arts, Science and Commerce. Vol. II, Issue-4, Oct-2011, Page No-177-186.
100. Kumar, Naveen and Gangal, Vijay,Kirti (2011): “Advertising and Consumer Buying Behavior: A study with Special Reference to Nestle Ltd” published in the International Journal of Research in Commerce and Management. Vol. II, Issue-10, Oct-2011, Page No-15.
101. Kumar, Naveen and Sharma, Pritee (2008): “IT: A New Mantra for Rural Development” Published in edited book on ‘Emerging India: The Role of Management and IT Education’ Edited by Prof. Naveen Gupta and Nihal Jain, Published by Hindustan Institute of Management and computer Studies, Farah Mathura.: Feb, 2008. Page No-303.
102. Kumar, Naveen and Sirohi, Rajeev (2014): “A Study of Service Satisfaction, Customer Satisfaction, And Frequency of Shopping in Departmental Store in India” published in the International Journal of Business Management and Research. Vol.4, Issue-4, Aug.
103. Kumar, R. & Sharma, D.K. (2009) ‘Impact of merger announcements on value creation for shareholders of acquirers in India’, published in the proceedings of at SMF Annual Conference organized by Indian Institute of Management Bangalore, May 27-29.
104. Kumar,Naveen(2011):“Current Scenario of Master of Business Administration(MBA’s) In India” to be published in the Asia Pacific Journal of Research in Business Management.
105. Malhotra M. & Sharma, D.K (2013) “Efficiency of Guar Seed Futures Market in India: An Empirical Study”, The IUP Journal of Applied Finance, Vol. 19, No. 2, April 2013, pp. 45-63.
106. Managing Global Competition: A Holistic Approach, MacMillan India, New Delhi, 39-45.
107. Mishra M., and Sharma, M. (2013) “Human factors affecting the adaptability of e-governance in the Indian Public sector” Journal of E-Governance, , Vol. 36, No(3), November 2013,pp. 136-142.
108. Mishra, A.R, Banerjee Subhjojit & Kumar Naveen (2015): “Measuring Children’s Brand Love: Rasna vs Tang” published in the

DEPARTMENT OF BUSINESS MANAGEMENT

International Journal of Engineering Technology, Management and Applied Sciences. Vol.3, special Issue, March-2015.

109. Mishra,A.R, Subhojit Banerjee & Kumar Naveen (2014): “Modelling Association of consumer personality, values and interpersonal influences in predicting brand preferences for Indian private label brands” published in proceedings of 10th National Conference on “India 2020: readiness for cutting edge marketing” dated 01st & 2nd November, 2014 by ITS, Mohan Nagar, Ghaziabad, India, ISBN:978-81-928380-5-2(Print), page no: 195-209.
110. Misra P, Dixit, Varsha and Sowmya K (2013), Impact of Compensation on Sales Turnover and the Role of Motivation in Retail Store Operations: A study of Delhi and NCR , IIM Indore Management Journal , Special Issue, CERE -2013, ISSN:0975-1653
111. Misra P, Dixit, Varsha and Sowmya K (May 2013), Impact of Compensation on Sales Turnover and the Role of Motivation in Retail Store Operations: A study of Delhi and NCR , presented in International Conference in Research and Education organized by IIM Indore and Universiti Tun Abdul Razak, KL, Malaysia
112. Misra, Pooja and Dixit, Varsha and Sowmya K (2013, Jan 6-9). Compensation: Impact of Rewards, on Employee Engagement and the Role of Motivation in Retail Store Operations: A Study of Delhi and NCR, was presented and published in conference proceedings of Tenth AIMS International Conference on Management organized by IIM , Bangalore
113. Mittal S. Corporate Restructuring: A Strategic Decision, Journal of Strategic Innovators, MayJuly– 2008, Volume 1, Issue 4, pp64-67.
114. Mittal S. Efficient Market Hypothesis: Indian Capital Market as a Weak Form of Market; an– Empirical Study. (working paper)
115. Mittal S. Stock Market Behaviour: A study of Indian Market, Vision-The Journal of Business– Perspective, Vol. 13, No. 3, July-September 2009.
116. Mittal S. The Impact of mergers and Acquisitions on Corporate Performance in India, Journal of– Management Decision, Vol. 46, No.10, 2008, PP-1531-1543.
117. Munjal A., Gupta P. & Sharma D.K. (2012) “IFRS: A Perspective on Convergence in India”, The NIFM Journal of Public Financial Management (NJPFM), Vol.-IV, No.-1, January-June 2012, pp-39-48.
118. Munjal A., Sharma D.K. &Gupta P. (2013) “International Financial Reporting Standards in Indian Banking Industry”, The NIFM Journal of Public Financial Management (NJPFM), Vol.-V, No.-1, January-June 2013, pp-35-46.
119. Munjal, A. & Sharma, D.K. (2013) “A Survey on Implementing IFRS in India” presented and published in the proceedings of International Conference on Management & Business Research organized by Society of Technical and Management Professionals, Gwalior, Madhya Pradesh, India during November 23-24, 2013.

DEPARTMENT OF BUSINESS MANAGEMENT

120. Nirjar,A., Kovid, R., Singh, K.,(2014). "Corporate Social Responsibility in Indian Sugar Industry: Manager's reflections". International Journal Indian Culture and Business Management, vol 9, no 1, 2014.Inderscience Publications.
121. Pandey, S. (2010). Strategic Organization Development: A Case meta-synthesis approach (Monograph), Lap lambert Academic Publishing, Germany.
122. Pandey, S. (2015). Level of IT Implementation and Contextual factors" A case survey of BPR Projects. In Innovative Strategies for Competititveness and Sustainability in Global Business Environments (eds. Sharadma, Aggarwal and Bhandari), Kalpaz Publications, Delhi.
123. Pandey, S. and Rana, N. (2011). Tracking growth in born globals with low technology wide customer base. 56th Annual ICSB World conference Proceedings, Stockholm.
124. Pandey, S. and Rana, N. (2013). Maturity worthies managers: The case of poor IR at MSIL. Comdex times. 19 (1), Biztantra-Wiley India.
125. Pandey, S. and Sharma, RRK (2008). Combining Exploitative and exploratory cultures: The case of a high technology giant. International Journal of Knowledge, Culture and Change Management, 8 (2) (2008), Common Ground Publishers, Australia (ABDC rank C)
126. Pandey, S. and Sharma, RRK (2008). Managing Transformational Change in Prospectors and Defenders. IABE Proceedings, Stockholm, 4 (1).Pandey, S. and Sharma, RRK (2008). Changing Strategic Focus and Emergence of OD Tools- As panacea. In
127. Pandey, S. and Sharma, RRK (2008). Relating a few OD interventions to the strategy of the firm. European Journal of Management, 8 (1), International Academy of Business and Economics, Sweden (ABDC rank C)
128. Pandey, S. and Sharma, RRK (2009). An empirical study of leadership characteristics in exploration-exploitation units. The International Leadership Journal, 1 (3/4), Thomas Edison State College, USA.
129. Pandey, S. and Sharma, RRK (2009). Matching Symbolic Interaction with Relational Bonding: Lessons from 'Toyota' network. International Management Review, 5 (1). The American Scholars Press, USA
130. Pandey, S. and Sharma, RRK (2009). Organizational factors for exploration and exploitation, Journal of Technology Management & Innovation, 4(1), JOTMI research group, Chili (ABDC rank C)
131. Pandey, S. and Sharma, RRK (2009). Understanding Transformational Change Using 'Competing Value Framework'. In Integrating Spirituality and Organizational Leadership, Macmillan India, New Delhi.
132. Pandey, S. and Sharma, RRK (2011). Organization development interventions for prospectors: a theoretical framework and its empirical validation. Global Business and Management Research: An International Journal, 3 (1), Universal Publishers, USA.
133. Pandey, S., Pandey, D. and Pathak, I.P. (2008). Exploring narratives for balancing collective identities and conflicting rights. International

DEPARTMENT OF BUSINESS MANAGEMENT

- Journal of Interdisciplinary Social Science, 3 (7), Common Ground Publishers, Australia (ABDC rank B).
- 134. Pandla K. and Sharma M. (2008), "Built from Scratch: Pantaloons Retail (India)", Developing Analytical Skills: Case Studies in Management, Shroff Publishers and Distributors Pvt. Ltd. ISBN: 9788184040425
 - 135. Pandla K. and Sharma M. (2012), "Relation between perceived organizational support and counterproductive work place behaviour: moderating role of corporate social performance", The International Journal of Professional Management, Vol. 6, Issue 1.
 - 136. Paper published "Accruing individual potential for creativity and innovation in biotechnology firms", International Journal of Innovation and Learning (Inderscience journal) Vol.11 no.2, 2012.
 - 137. Parveen, S., Sarikwal, L. (2014). Managing Organizational Competence through Transfer of Training: A Study of Small and Medium Enterprises in India. *International Journal of Business Management and Research*, 4(6), 5-20.
 - 138. Parveen,S. (2012). Comparative Study of Organizational Role Stress Among Employees: Public Vs Private Banks in India. *International Journal of Research in Commerce and Management*, 3(10), 182-188.
 - 139. Pathak, A. A. and Pandey, S. (2013). European and Indian ITES employees: a comparison of their work attitude and behaviour. International Journal of Indian Culture and Business Management, 6 (2) (an Inder Science publication) (ABDC rank C)
 - 140. Rana N. GLOBE data from India collected by Rana, N., & Saran P., published in manuscript prepared by Gupta, V., Surie, G., Javidan, M., & Chhokar, J. (2002). Southern Asia Cluster: where the old meets the new? Journal of World Business, Vol 37, Issue1, Spring 2002, 16-27.
 - 141. Rana, N. (1997). Elderly Women Trial Prisoners: In Pursuit of Human Rights. Proceedings of International Conference on Crisis in the Human Services Conference, 1996, University of Lincolnshire and Humberside, UK, 111-115.
 - 142. Rana, N. (2002). Entry Penetration & Escalation of Indian Firms in Italy, Finland and other EU Markets. Proceedings of EU- India Cross-Cultural, presented at the 1st & 2nd Annual Conference of EU-India International Business Management Centre Project, New Delhi.
 - 143. Rana, N. (2012) and Pandey. S. Analyzing the role of organization resilience in business transformation. Extended abstract published in 12th International Business Conference Proceedings, Jacksonville, Florida (USA).
 - 144. Rana, N. and Pandey. S. (2013). K S Oils: A 'Born Global' indian BOP enterprise. Chapter in Resource Book on Case Studies in Business Management, Ane Books, New Delhi.
 - 145. Rana, N., & Sethia, P., & Sinha, S.P. (1994). Circadian Rhythms and Cognitive Efficiency in Vigilance Performance. Maeer's Mit Pune Journal, Vol. 3, No.11, 57-59.
 - 146. Rana, N., & Sinha, S. P. (1996). Perception of Prison Environment by inmates: Role of Social Support. Journal of Community Guidance and Research, Vol. 13, No. 2, 207-214.

DEPARTMENT OF BUSINESS MANAGEMENT

147. Rana, N., & Sinha, S. P. (1997). Metamemory: The Monitoring and Control of Human Memory. Proceedings of International Conference on Cognitive Systems, New Delhi, 988-995.
148. Rana, N., & Sinha, S.P. (1998). Memory Strategy and Learning Disabilities, Readings in Applied Psychology: Indian Perspectives, Gyan Publishing House, New Delhi.
149. Rana, N., Sethia, P., & Sinha, S. P. (1993-94). Intraindividual Differences in Memory and Vigilance Performance: A Temporal Approach. *Journal of Behavioural Sciences*, 4-5 (1-2), 1-13.
150. Rana, N., Sethia, P., & Sinha, S.P. (1996). Circadian Rhythms and Immediate Recall: A Comparative Study of Mentally Retarded and Normal Children. *Journal of Psychological Researches*, Vol. 40, (1-2), 53-57.
151. Rawat, G.S., Sharma, D.K (2003) "Impact of Indian Economic Reforms on external Sector" 'Third Concept' May 2003, Page 29-32.
152. S. K. Singh, A. K. Mishra, Rahul Bhave and Indu Anand, "On the effect of shocks on a protective system having two main units and one protective unit", published in ASR, Vol. 12 (2), (1998).
153. S. K. Singh, Indu Anand, Rahul Bhave, "On the Configurational Modeling and Analysis of Coke Pushing System of Integrated Steel Plant", published in the Aligarh Journal of Statistics, Deptt. Of Statistics & Operations Research, Aligarh Muslim University, Vol. 17, (1997).
154. S.K.Singh and Indu Anand, "Configurational modeling and analysis of Charging Car system", in the proceedings of IPEC (International Plant Engineering Conference), Guangzhou, China (1997).
155. S.K.Singh and Indu Anand, "Configurational modeling and analysis of quenching car system in Coke Oven area", ASR, vol. 12(1), 1999.
156. S.K.Singh and Indu Anand, "Stochastic modeling and analysis of an extractor system", Journal of Stochastic Modeling and Applications, vol. 3, pp. 68-83, 2000.
157. Sareen, A. and Pandey, S. (2014). The Effect of Network Relationships on Innovation in Knowledge Intensive Business Services. *AIMA Journal of Management and Research*, 8 (3/4) (by All India Management Association, Delhi)
158. Sarikwal, Lovy..(March 2013). "Job Satisfaction and organisational commitment- among employees in IT industry" International journal of management and Behavioural sciences, vol. 3,March 2013 (ISSN 2278-5671).
159. Sarikwal, L(2011) "POSITIVE PSYCHOLOGY-Bridging the gap to employee engagement and improved performance", Positive Psychology by Kumar, S and Yadav S B,Global Vision Publishing House, N Delhi 1st edition 2011 ISBN: 978-81-8220-414-0 (99-112)
160. Sarikwal, L.(2004) "Occupational Stress among Skilled and Unskilled Industrial Workers" - Contemporary Social Work, Volume XXI, October 2004, Lucknow University, Lucknow.

DEPARTMENT OF BUSINESS MANAGEMENT

161. Sarikwal, L.(2005) "Occupational Stress among Industrial Workers- An Analysis" – Journal of IMS Group, Volume I, No. 1, March-August 2005, Institute of Management Studies, Lal Quan, Ghaziabad.
162. Sarikwal, L.(2006) "Assertive Behaviour - A Positive Personality Trait" – contemporary management ,Volume V, No.1, Jan- June 2006, Lal Bahadur Shastri Institute of Management and Development Studies, Lucknow.
163. Sarikwal, L.(2008) "Factors and Strategies for Combating Job Stress" – Jounal of Motilal Rastogi Institute management , Volume 1, No. 1, July- Dec. 2008.
164. Sarikwal, L.and Vij, P.(2008) "Competency Mapping:A Pre-Requisite for HR Excellence" (Spark - Online Refereed Journal uploaded in the issue of july 2008
165. Sarikwal,Lovy, & Gupta,Jaya,(2013).The Impact of High Performance Work Practices and Organisational Citizenship Behaviour on Turnover Intentions.Journal of Strategic Human Resource Management, Volume 2, Issue 3 (2013).
166. Sarikwal,Lovy, & Parveen Shadma,(2014). Managing Organizational Competence through Transfer of Training: A Study of Small and Medium Enterprises in India. International Journal of Business Management and Research, Vol. 4, Issue 6.
167. Sarikwal,Lovy,&Gupta, Jaya,(2014).The relationship between High Performance Work Practices and organizational Citizenship Behavior: The Role of Positive Psychological Capital. SSRN (Social Science Research Network) 2014
168. Saxena D., Anand S. (2012) 'Recent Initiatives By Indian Commercial Banks Towards Financial Inclusion' full paper is published in International Journal of Management & Behavioural Sciences (IJMBS) Vol. 1 ISSN 2278 -5671 (June 2012) Pages 330-338
169. Sharma D.K., Kumar B. & Sharma P. (2012) "Ex-Ante and Ex-Post Global Economic Recession and Role of FII's in Indian Equity Market: Dynamic Time Series Analysis", The NIFM Journal of Public Financial Management (NJPFM),Vol.-IV, No.-1.
170. Sharma M. and Prashaant A. (2009), "An analysis of performance of the Indian Textile Industry in Quota Free Regime, Paradigm., Vol. XIII, No.2,pp.98-109.
171. Sharma, Aditi and Varsha Dixit (2015, July), Women and Career Issues and Challenges", IJMIR, ISSN No. 23201177
172. Sharma, D. K. & Malhotra, M. (2015) "Impact of Futures Trading on Volatility of Spot Market: A Case of Guar Seed" has been accepted for publication in the Agricultural Finance Review, Vol. 75, Issue: 3. (Journal of Emerald Group Publishing).
173. Sharma, D., Joshi, D., 2012. Expanded Indian automobile sector: A tradeoff between growth and environmental concern. In: A. Thakur,

DEPARTMENT OF BUSINESS MANAGEMENT

- M. Kumar, Climate Change and Environment Management. New Delhi: Regal, Ch. 21, pp. 373-400.
174. Sharma, D., Rathore, O.K., Joshi, D., 2009. Electrical energy from renewable sources: Options, policies and perspectives in India and Rajasthan. Proceedings of National Conference on Technological Innovation for Sustainable Development. Bikaner, India 29 August 2009, pp. 72-82.
175. Sharma, D.K & Bhatia, G. (2008) "US Recession: Implications for Indian Economy" Review of Business and Technology Research, Vol. 1, No. 1.
176. Sharma, D.K & Hasan, M. (2005) "WTO-GATS and India: Destination or Crossroads" proceedings of 88th Annual Conference of the Indian Economic Association at Andhra University, Visakapatnam from 27-29 December.
177. Sharma, D.K & Kumar, V. (2007) "WTO-GATS and India: An Overview" Published in a book WTO and Indian Economy by Serials Publications, New Delhi, August 2007.
178. Sharma, D.K & Kusari, M. (2007) "A Study on Faculty Retention in Educational Institutions under U.P.T.U., Lucknow" Presented and published in the proceedings of an International Conference organized by G. L. A. Institute of Technology & Management, Mathura on November 17-19.
179. Sharma, D.K, Kumar, V. & Kumar, R. (2007) "Creating Competitiveness In Tourism Industry: Unearthing The Gold Mine" Journal of Management Development and Information Technology, September 2007.
180. Sharma, D.K. & Wadhwa R. (2013) "Ownership Structures and Dividend Policy - A Study of Bombay Stock Exchange-500" presented and published in the proceedings of GLOBAL SUMMIT on "Management of Business, Economy, Marketing and Services-New Approaches" (MBEMSNA-2013) organized by Jawaharlal Nehru University, New Delhi, India during November 9th & 10th 2013.
181. Sharma, D.K. & Wadhwa R. (2013) "Revisiting the Factors Affecting Dividend Policy of Companies in India: A Regression Analysis" Review of Business & Technology Research (RBTR) Vol. 9, No. 1, 2013, pp. 213-220.
182. Sharma, M. & Sharma, D.K. (2012) "An Empirical Study of Students' Expectations from the Indian Management Education in the Era of Globalization" Review of Business & Technology Research (RBTR) Vol. 6, No.1.
183. Sharma, M. (2014) "The role of Employees' Engagement in the adoption of Green Supply Chain practices as moderated by Environment Attitude: An Empirical study of the Indian Automobile Industry" Global Business Review Vol. 15, No. 4S, pp. 25S–38S.
184. Sharma, M. and Gupta, P. (2015) "Factor analysis performance evaluation of listed companies in Indian IT industry" Int. J. Business Performance Management, Vol. 16, No. 4 ,pp.457-471.
185. Sharma, M. and Sharma D. (2012) "An Empirical Study of Students' Expectations from the Indian Management Education in the Era of

DEPARTMENT OF BUSINESS MANAGEMENT

- Globalization” Review of Business & Technology Research (RBTR) Vol. 6, No.1.
186. Shristava R. “*20 Years, On Inception: FIIs Impact on Indian Financial Market*” a research Paper ((co-authored), published in The Indian Journal of Economics, No. 37, October 2013, Vol. XIVC, ISSN 0019-5170, pp 201-225.
187. Shristava R. “*Conversion of Equity Shares to Sponsored ADRs: An Advantage of Market Premium to Shareholder*” a research paper published in Online Journal of IIIT Allahabad, ‘*Insight*’, January-March 2008 volume 4 Issue 16 and April-June 2008 volume 4 Issue 17.
188. Shristava R. “*Cultural & Religious Ethos as a Determinant of Individual Investment Decision making: A Review*” a research Paper ((co-authored), published in International Journal of Management and Technology Research, 1 (1): 17-22 (2013), ISSN: 2277- 291X.
189. Shristava R. “*Economic Reforms: Foreign Capital and Indian Companies Competitiveness*” a brief research report (co-authored) published in *World Trade: Research and Information Report*, MVIRDC, World Trade Center, (WTC) Mumbai, Vol. 8 No. 2, March-April 2007, pp 28-29.
190. Shristava R. “*Economic Reforms: Foreign Capital and Indian Companies Competitiveness*” a research paper (co-authored) Published in Convention Proceedings by Allied Publishers Pvt. Ltd. New Delhi 2007. The book runs into 662 pages.
191. Shristava R. “*Foreign Direct Investment: Interlocutory 4Ps Test Model*” a research paper (co-authored) published in book titled “Forecasting Financial Markets in India” edited by Rudra P. Pradhan, VGSOM, IIT Kharagpur, by Allied Publishers Pvt. Ltd. New Delhi 2009. The book runs into 212 pages.
192. Shristava R. “*Prudent External Debt Management: A Cautious Approach*” a research paper (co-authored) published in book titled “Inspiring Winds and Rainbow of Ideas” edited by Prof. Harishankar Upadhyaya, University of Allahabad, Allahabad, by Prayag Pustak Bhawan, Allahabad 2010. The book runs into 367 pages.
193. Shristava R. “*India and International Capital Market*” a research paper (co-authored) published in *The Commerce Journal*, Dept. of Commerce & Business Administration, University of Allahabad, Vol. No. XXI, 2006-07, pp 7-16.
194. Shristava R. Research Paper (co-authored) presented in ‘Advances in Management & Decision Sciences’ organized by School of Management, Gautam Buddha University, Greater Noida, during July 11-12, 2015 at SOM GBU, Greater Noida, India. Title-“*Expiration Day Effect of Stock Futures on the Price of Selected Underlying Stocks*” Published in edited book titled ‘Advances in Management & Decision Sciences’ by Excellent Publishing House, New Delhi 2015. The book runs into 249 pages.
195. Shristava R. Research Paper (co-authored) presented in ‘Advances in Management & Decision Sciences’ organized by School of Management, Gautam Buddha University, Greater Noida, during July 11-12, 2015 at SOM GBU, Greater Noida, India. Title-“*A diagnostic Study on Financial Performance of Tata Steel during Pre and Post*

DEPARTMENT OF BUSINESS MANAGEMENT

Merger – A Case Study of Tata & Corus Deal” Published in edited book titled ‘Advances in Management & Decision Sciences’ by Excellent Publishing House, New Delhi 2015. The book runs into 249 pages.

196. Sihag, P., & Sarikwal, L. (2014). Impact of Psychological Capital on Employee Engagement: A Study of IT Professionals in Indian Context. *Management Studies and Economic Systems (MSES)*, 1 (2), 127-139.
197. Sihag, P., & Sarikwal, L. (2015). Effect of Perceived Organizational Support on Psychological Capital - A study of IT Industries in Indian framework. *Electronic Journal of Business Ethics and Organization Studies (EJBO)*, Accepted.
198. Singh, K. (2012). “Challenges and Opportunities in Indian Sugar Industry”, *Interdisciplinary Journal of Management & Behavioural Sciences (IJMBS)*, vol 1, no 1, Pg 42, May 2012
199. Singh, K. (2015). “Corporate Social Responsibility (CSR): A Study of Responsibility between Corporate Social Performance(CSP) and Corporate Financial Performance(CFP)”. Book chapter in *Innovations & Business Management: Issues & Challenges*. By Dr. V.S. Adigal and Dr. Amit Chakrapani. Bharti Publications
200. Singh, K., Kovid, R. (2012). “Are Sugar Manufactures Socially Responsible- Multi Stakeholders perceptions”. FORE School of Management. International conference on Business sustainability: Challenges and Issues at FORE, Nov 2012.
201. Singh, K., Singh, O.(2012). “Corporate Social Responsibility (CSR) and Sustainability”. *Handbook of Finance & Business Management*. By, Dr. Mani Arora Malik, Prof. Pradeep Narwal, Prof. Manju Singh. Bharti Publications.
202. Sinha Rajesh K and Banerjee Subhojit, ‘Incentives & Freebies as a Moderator for Opt-In E-mail Acceptability’, *International Journal of Online Marketing*, IGI Pub U.K, 2(4), 54-67, October 2012 INDEXED JOURNAL
203. Vij,P. and Sharma, M.(2014) “The effect of human management capital practices on employee positive behavioural outcomes” *Int. J. Management Practice*, Vol. 7, No.3, pp.204-221.

Edited Book/ Book Published

1. Sharma D. and Sharma M. (2015), “Advances in Management & Decision Sciences”, Excellent Publishing House. ISBN: 978-93-84935-40-5.
2. Anand S., Deshpande PP., Ghatak RM., (2012) published a book ‘Handbook of Management and Behavioral Sciences’ Vol.6 ISBN 978-93-81505-27-4 by Wisdom Publications, New Delhi, India
3. Dixit, Varsha (2007) .Performance Management.First edition.Vrinda Publications. New Delhi
4. Dixit, Varsha (2010) .Performance Management.Second edition.Vrinda Publications. New Delhi

DEPARTMENT OF BUSINESS MANAGEMENT

5. Banerjee Subhojit, and Roy Ramendu (2009), 'Fundamentals of Research Methodology', Pustak Mahal, Allahabad. ISBN No: 81-225-0487-6

Papers Accepted/Presented in International/National Conferences:

1. Uprety I. "On the configurational modeling and analysis of Conveyor system of Coke Oven area using Time Series Models, accepted in the International Conference on Statistical Inference, Combinatorics and related area, held at Banaras Hindu University, Varanasi (U.P.) from December 18-21, 1997.
2. Uprety I. "Stochastic analysis of a system affected by shocks and having periods of work & rest" presented in the National Conference on Probability & Statistics organized by Indian Society for Prob. & Statistics, at Banaras Hindu University (BHU), Varanasi (U.P.) in February, 1997.
3. Uprety I. "Stochastic modeling and analysis of a Mixer-Crane system of Steel Melting Shop area in an Integrated Steel Plant, accepted in the International Conference on Combinatorics, Statistics, Pattern Recognition & Related Areas, hosted jointly by Deptt. Of Mathematics, Statistics, Computer Science at University of Mysore from December 28-30, 1998.
4. Uprety I. "Stochastic modeling and analysis of a Blast-Furnace System" Presented in the XVIII Annual Conference on Probability & Statistics organized by Indian Society for Probability & Statistics., at Sambalpur University, Orissa ,1998.
5. Uprety I. "Stochastic modeling and cost analysis of Quenching Car System subject to Online Preventive Maintenance and/or repair" Hawaii International Conference on Mathematics, Statistics and Related Areas, held in Hawaii (USA) during January 17-19, 2007.
6. Uprety I. "Optimization of Wave Soldering process through Design of experiments" abstract accepted in XII Annual International Conference of Society of Operations Management at Indian Institute of Technology(IIT), Kanpur in December 19 - 21, 2008.
7. Uprety I. "Six Sigma in Service Industry" presented in the National Conference on Business Optimization Research Wave held during 15-17 February, 2007 at National Instt. of Industrial Engineering (NITIE), Mumbai.
8. Uprety I. "Fuzzy Reliability of Gracefully Degradable Computing Systems" presented in the International Conference on Methods and Models in Computer Science (ICM2CS09) held at JNU, Delhi, India during 14th Dec. - 15th Dec., 2009.
9. Uprety I. "Estimating reliability of a Markov model using Crisp and Fuzzy Probability Distributions" accepted in the International Conference on Mathematics & its Application Areas held at Jamia Millia Islamia, Delhi during March 30-31, 2009.
10. Uprety I. "Fuzzy analysis of Degradable Computing Systems", accepted in the International Conference on Computer Communication and Management, ICCCM held at Copenhagen, Denmark during May 19-20, 2013.

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11. Upadhyay I. "Application of Fuzzy Logic to Degradable Computing Systems" accepted in the International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2013) on January 29- 31, 2013, at Amity University, Noida.
 12. Upadhyay I. "Estimating Reliability of a Markov model using Fuzzy Logic Approach" Presented in International Research Conference on Information Technology and Computer Sciences held at Kuala Lumpur, Malaysia during 28-30 September, 2013. ISBN No.: 978-986-89844-1-7.
 13. Sharma M. and Pandla K. (2013), "The role of Employees' Engagement in the adoption of Green Supply Chain practices as moderated by Environment Attitude: An Empirical study of the Indian Automobile Industry" in the 7th ISDSI International Conference at IMI, New Delhi.
 14. Dwivedi A. and Sharma M. (2013), "Factors influencing implementation of reverse logistics: a survey among Indian Firms" in International Conference on Supply Chain & Logistics Management (ICSCLM 2013) at India Habitat Centre, New Delhi.
 15. Vij, P. and Sharma, M. (2013), "Augmenting the Human Capital Management Practices for creating High Performance Work Systems: Implications on Employees's Positive Behavioral outcomes" in GLOGIFT,2013 at IIT, Delhi
 16. Sharma M. and Gupta P. (2013), "Performance Evaluation of the listed companies in Indian IT Industry based on Factor Analysis" in the 3rd IIMA International Conference on Advanced Data Analysis, Business Analytics and Intelligence at IIM, Ahmedabad.
 17. Vij P. and Sharma M. (2011), "Managing Human Capital in Software development firms in India : Implications for enhancing firm performance" in the Annual International Conference on Human Resource Management and Professional Development in the Digital Age (HRM&PD) 2011 at Global Science and Technology Forum, Singapore, ISSN:2251-2349
 18. Sharma D. and Sharma, M. (2011), "Forecasting ability of Garch vs Kalman Filter Method: Evidence from the daily time varying Beta of Indian Firms", in the 8th International Conference on Applied Financial Economics at INEAG, at Samos Island, Greece.
 19. Sharma M. (2011), "The role of Institutional pressures on green supply chain practices in building the Organizational image: An empirical study of Indian Hospitals" in Biennial Supply Chain Management Conference at IIM, Bangalore.
 20. Gupta P., Pandla K. and Sharma M. (2009), "Mentoring at Elementary Education and creating Leaders for tomorrow" in ICL at IIM, Bangalore.
 21. Gupta P., Pandla K. and Sharma M. (2008), "Six Sigma at Wipro Technologies: Thrust on Quality" in 11th Annual Convention of the Strategic Management Forum at IIT, Kanpur.
 22. Pandla K. and Sharma M. (2008) "Methods of coping stress among working people" in international conference at Indian Business Academy, Greater Noida.
 23. Sharma M. and Chandra S. (2005), "On (N,p,q) Summability factor of Infinite Series" in The 92nd Session of Indian Science Congress
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DEPARTMENT OF BUSINESS MANAGEMENT

Association, Mathematics Section at Nirma University, Ahmedabad, Jan. 3-7, 2005.

24. Sarikwal,Lovy,Gupta,Jaya(2013) High Performance Work Practices, Organizational Citizenship Behavior and Turnover Intentions: The Mediating Role of Psychological Capital of an individual", at the 6th IIM A Doctoral Colloquium (2013), organized by IIM Ahmedabad, Ahmedabad.
25. Sarikwal,Lovy,&Gupta,Jaya.(2014).Positive Psychological Capital of Employees: Implications for Organizational Citizenship Behavior and Turnover Intentions" presented at the 6th annual Doctoral Research Conference in Management – ANVESH (2014), of Institute of Management, Nirma University, Ahmedabad.
26. Sarikwal,Lovy,&singh,naipal,(2014) "A Study on training evaluation models/framework in public sector banks"at Ansal University.
27. Sarikwal, Lovy, Saxena Neeti (2015) " An Examination of entrepreneurial competency leading to organisational success" presented at the international conference at International Conference in Advances in Management and Descision Sciences, at School of Management , Gautam Buddha University, 11th -12th July 2015
28. Sarikwal, L. and Kumar, S.(2010). "Approaches of Organisational Change for Innovation and Sustainable Performance"Presented in theinternational Journal of Arts and Sciences(IJAS) conference for academic discipline, in May 24th -27th, 2010, at Ryerson University, Toronto, Canada.
29. Sarikwal, L.and Kumar, S. (2010). "An Interactional Study of Work Stress with Type of Workers"-Paper presented in absencia and also in the Proceedings of 17th Annual conference of American Society of Business and Behavioral Science,in Las Vegas, Nevada from February 18 to 21, 2010. The theme of the Meeting was Economic Meltdown and Business Education.
30. Dixit, Varsha, Aditi, Sharma Dogra (17th April 2015) Paper titled "Women as Transformational Leaders: The Emerging Face of Leadership in Today's Organizations." presented in HR Conference on Women and Career Issues and Challenges organized by Sharda University, Greater Noida
31. Dixit, Varsha, Paper titled "Antecedents of Employee Commitment & Organization Performance" published in National Conference on "Mind Management for Management" organized by Guru Gobind Singh Indraprastha University, New Delhi on 7th February 2015.
32. Dixit, Varsha,and Bhati, Monika (2013, March 9). Role of Perceived Supportive Work Culture and Employee Commitment on Performance presented in National Conference on 'Paradigm for Sustainable Business: People, Planet and Profit organized by Department of Management Studies IIT, Roorkee
33. Dixit, Varsha Paper titled "21st Century workforce challenges before Indian HR Managers" published in National Seminar on "Recent Approaches in Environmental Sciences" organized by Department of Engineering Chemistry in association with Pollution Control Board M.P. held on 22nd April 2012.
34. Dixit, Varsha "Growing Foreign Investment in India" published in National Seminar on Emerging Trends in Indian Capital Market

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organized by Department of Commerce, Janta College, Bakewar , Etawah sponsored by UGC, New Delhi held on 3rd and 4th March 2012.

35. Dixit, Varsha and Agarwal, B.B. (2009, April 10) Recession & Retail , presented in the National Seminar on “Emerging Dimensions of Marketing in India” organized by Vidyant Hindu P.G.College, Lucknow
36. Dixit, Varsha (2008, Dec)Attrition in Retail Industries - A Reality , presented in the National Seminar on “Marketing Innovations for Reaching Consumers organised by ITS , Mohan Nagar, Ghaziabad
37. Dixit, Varsha (2008, Sept) Managing Currency & Preventing Obsolescence of Employee, presented in the National Seminar on “Need for HR Renaissance in India” organised by ITS , Mohan Nagar, Ghaziabad.
38. Rashquin, S “Impact of leadership styles on innovation potential of individuals at workplace”.
39. Rashquin, S “Sustainable Leadership for Managing Innovation and Competitiveness in Knowledge Based Enterprises” in International Conference on Multidisciplinary Approaches in Business Management Sustainability (ICMABMS 2014) BIMTECH Bhubnashewar Odisha, India on 28 november 2014.
40. Rashquin, S Conference attended on “Women Leadership” Biz Divas of India on 5th April 2014 in Gurgaon, India.
41. Rashquin, S Paper presented at Agra University Social Science department in October 2006 as a resource person on “Violence against women”.
42. Singh, K., Singh, O.(2013). “Corporate Social Responsibility (CSR) and Sustainability challenges in Indian Sugar Industry”. 3rd International conference on Finance and Business Management. (ICFBM). Jaipur(2013).
43. Singh, K. (2014). “Stakeholders and CSR”. International Conference on Finance and Business Management. (ICFBM). Jaipur, March(2014).
44. Anand S. Attended ‘7th International Conference of Management and Behavioral Sciences’ to chair a Finance Session by Society of Management and Behavioral Sciences in June’13 at Noida, India
45. Anand S. Attended ‘Delhi Economics Conclave 2012 - International Conference on Reviving Growth’ in New Delhi, India
46. Anand S. Paper titled ‘CSR by Banking Industry through Financial Inclusion initiatives’ was presented in the 6th International Conference on Contemporary Business 2012 convened by IIT Delhi and Curtin University, Australia at Indian Institute of Technology Delhi (IIT-D), Delhi, India.
47. Anand S. Attended one week MDP in June 2013 titled ‘Business Analysis and Perspectives of Foreign Investments in India’ at MNNIT, Allahabad, India.
48. Anand S. Attended 28th Skoch Summit which related to Financial Inclusion in March 2012 in New Delhi
49. Anand S. Attended the International Conference on Innovations and Advancements to chair a session at SoICT GBU,Gr Noida, India

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50. Anand S. Attended the National Conference on Marketing of Services in Global Scenario: Issues and Challenges in Dec 2011, to chair a session at SoMgt, GBU, Gr Noida, India
 51. Anand S. Paper titled ‘Piggy Backing Mobile Inclusion for Financial Inclusion and balanced development: A case study of developing countries’ was presented in the International Conference on Globalization and Economic Asymmetries in International Trade and Development in Dec 2010 at IIM Lucknow, Noida Campus, India.
 52. Anand S. Paper titled ‘Using Weather Derivatives for Risk Management of Infrastructure Industry’ was presented in the International Conference on Infrastructure Finance, in June 2010 at IIT Kharagpur, Kharagpur, India.
 53. Anand S. Paper titled ‘Emerging Challenges for Indian Banking Industry in the backdrop of Global Financial Crisis’ was presented in the 9th Global Conference on Business & Economics in Oct 2009 at Cambridge University, UK.
 54. Anand S. Paper titled ‘Ensuring Financial Literacy of the Technical Workforce before they step into the industry’ was presented in the 38th ISTE National Annual Convention & IFEES International Conference in Dec 2008 at KIIT University, Bhubneshwar, India.
 55. Anand S. Participated as a panel discussant on the topic ‘Deepening of the Securities Market and Financial Inclusion in India’ conference by Indian Council for Research on International Economic Relations (ICRIER) at New Delhi, India in Aug 2009.
 56. Anand S. Attended and participated in the panel discussion of International Conference titled IFEES International Federation of Engineering Education Societies, Asia Pacific Regional Conference 2008.
 57. Anand S. Attended and participated in the Indo US Collaboration for Engineering Education (IUCEE 08)
 58. Sharma D. International Conference on “Applied Financial Economics” organized by IN.E.AG, Samos Island, Greece, during June 30 - July 02, 2011
 59. Sharma D. Workshop on Open Educational Resources and Wiki Educator organized by School of ICT, Gautam Buddha University, Greater Noida and sponsored by Commonwealth educational media Centre for Asia, New Delhi, June 9-11, 2010.
 60. Sharma D. International Conference on “Talent Management: Opportunities & Challenges in Global Arena” organized by G. L. A. Institute of Technology & Management, Mathura on 17-19 November, 2007.
 61. Sharma D. Seminar on “Holistic Approach to the Development of Micro Enterprises in India’ organized by G. L. A. Institute of Technology & Management, Mathura on 25 Aug. 2007.
 62. Sharma D. International Conference on “Ethics & Values: A New Paradigm for Holistic and Sustainable Global Advancement” organized by G. L. A. Institute of Technology & Management, Mathura on 18-19 Nov. 2006.
 63. Sharma D. National Conference on “Global Competitiveness” organized by Indian Institute of Management (IIM), Kozhikode on March 24-25, 2006.
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64. Sharma D. Indian Economic Association 87th Conference, Banaras Hindu University, Varanasi on Dec. 21-23, 2004.
 65. Sharma D. Seminar entitled “Tax Reforms in India” conducted by Delhi University South Campus &Kautilya Foundation at India International Center, New Delhi on Sep.14, 2004.
 66. Bhati M. and Sharma M. Paper present on “ Impact of Empowerment & Motivation on Affective , Continuance & Normative Commitment in Indian Automotive Industry in ‘*Advances in Management & Decision Science*’, Gautam Buddha University, July, 2015
 67. Bhati M. Paper present on “Role of perceived supportive work culture and employees’ commitment on performance” in Paradigm for Sustainable Business: People Planet and Profit, National Conference, 2013 at IIT Roorkee
 68. Shristava R. Research Paper (co-authored) presented in 10th International Annual Convention on Strategic Management for Firms in Developing Countries organized by Strategic Management Forum in association with IIT Bombay, during May 10-12, 2007 at IIT Bombay, India. Title-“*Economic Reforms: Foreign Capital and Indian Companies Competitiveness*” Published in Convention Proceedings by Allied Publishers Pvt. Ltd. New Delhi 2007. The book runs into 662 pages.
 69. Shristava R. Research Paper presented in 6th International conference on Operations and Quantitative Management (ICOQM-VI) hosted by IIM Indore and organized by AIMS International- *The Association of Indian Management Scholars*, during August 7-8, 2005 at IIM Indore, India. Title- “*An Opportunity For Debt Restructuring: Emerging FCCBs Route*”
 70. Shristava R. Research paper (co-authored) presented on the event of 4th Global Conference on Business & Economics, sponsored by Association for Business & Economics Research, International Journal of Business & Economics, during June 26-28, 2005 at Oxford University, Oxford, UK. Title- “*Infusing External Commercial Borrowing, A Road To Growth After Recovery*”
 71. Shristava R. Research paper (co-authored) presented on the event of a 6th International Seminar sponsored by AICTE/MHRD, Government of India, titled “privatization of higher education: challenges & quality perspectives held at Raipur, India during October 31- Nov. 2, 2004, Under the joint aegis of International University for Human Transformation and Research, Delhi School of Professional Studies and Research and others. Title- “*Circuited Business School (CBS), A Model For International Collaborations*”
 72. Shristava R. Paper (co-authored) presented on the event of National Conference on ‘Economic Crisis Management: Survival and Growth (CECM) during March 12-13, 2010 at School of Management Studies, MNNIT, Allahabad. Title – “*Strategic Perspectives of Indian ADR/GDRs*”.
 73. Shristava R. Paper (co-authored) presented on the event of National Seminar on “ Managing Inclusive Growth in India: A Re-look into the Socio-Economic Perspectives during February 12-13, 2010 at Department of Humanities and Social Sciences, MNNIT, Allahabad. Title – “*Comparative Study of Micro-financing Model in India*”
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74. Shristava R. Paper (co-authored) presented on the event of National Conference on Forecasting Financial Markets in India (FFMI-08) during December 29-31, 2008 at VGSOM, Indian Institute of Technology Kharagpur (IITK). Title – “*Foreign Direct Investment: Interlocutory 4Ps Test Model*”
75. Shristava R. Paper presented on the event of UGC Funded National seminar on ‘Liberlisation and Challenges of Social Sector’ on February 28, 2009, at Allahabad Degree College (University of Allahabad) Allahabad. Title- “ *Economic Reform and SMEs with Special Reference to External Commercial Borrowings*”
76. Shristava R. Paper (co-authored) presented on the event of UGC Funded National seminar on ‘Intellectual Property Right and Indian Wisdom’ on February 3-4, 2007, at Allahabad Degree College (University of Allahabad) Allahabad. Title- “ *Knowledge Economy: The Cutting Edge*”
77. Shristava R. Paper (co-authored) presented on the event of National seminar on ‘Human Capital Leveraging’ on 3rd December 2005, organized by Triveni Glass Limited & Shakuntala Devi Education Society, Allahabad. Title: “*Globally Compatible Workforce, could India become a Hub?*”
78. Shristava R. Paper (co-authored) presented on the event of National seminar on “ Marketing, Finance Recruitment Perspective in the Contemporary Management Scenario” on 24th October 2005 organized by Technocrats Institutes of Technology-MBA, Bhopal (M.P.) Title: “*Foreign Direct Investments: A Growth Model 4Ps*”
79. Shristava R. Paper (co-authored) presented on the event of National Conference, of Indian Academy of Social Sciences held in Dept. of Geography, University of Allahabad, during 14-15 August 2004. Title- “*Delaying Growth & Denying Jobs*”
80. Shristava R. Paper (co-authored) presented on the event of National Conference on ‘New Challenges in Changes Business Environment’ on April 7-8, 2003, at United Institute of Management, Naini, Allahabad. Title- “*The Hard Reality- India can reap ultimate benefit of its IT prowess only by promoting the growth of the hardware industry*”

Monographs, having ISBN/ ISSN number

1. Banerjee Subhajit, (2007),*Competitive Analysis of Foreign Banks in India, Gurukul, Journal Published By State Bank Of India.*
2. Banerjee Subhajit (2004), ‘The Road Block’, The European Case Clearing House (ECCH) Limited, Cranfeild University, Wharley End, Bedfordshire, MK 43, OJR England. Regn No. 404-048-1

Book reviewed

1. ‘*Managerial Economics*’ by Geetika & Ghosh, 2010, Tata McGraw Hill Education Pvt. Ltd., India, pages 538.
2. Manuscript on ‘*International Financial Management*’ in July 2007, published by PEARSON Education, Chennai, India.
3. ‘*Investment Analysis and Portfollio Management*’ by M. Ranganatham & R. Madhumathi, 2007, Pearson Education, Chennai, India.
4. Rana N. Associate Reviewer in Vipin Gupta (Ed.) *Transformative Organizations – A Global Perspective*, Sage Publications, New Delhi, 2004

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(Annexure-III)

Seminars/ Conferences/ Workshops organized:

S. No.	Event	Them	Duration	Organizers
1	National Conference	Marketing of Services in Global Scenario: Issues and Challenges	Dec.-19, 2011	Dr. Naveen Kumar
2	MDP	How to become an effective OD consultant'	Feb. 3-4, 2012	Dr. S. Pandey
3	FDP	Advance Statistical Tools for Business Research	April 12-13, 2012	Dr. S. Pandey
4	National Conference	Recent trends in operations and supply chain management	MAY 12, 2012	Dr. Indu Uprety Dr. Naveen Kumar
5	Workshop	Advanced research methodology and statistical analysis using SPSS	July 1-7, 2012	Dr. Dinesh kr. Sharma Dr. Satish k. Mittal,
6	Workshop	Instructional workshop on SPSS	April 2-3, 2013	Dr. Indu uprety, Dr. Satish k. Mittal,
7	Workshop	Advanced research methodology and statistical analysis using SPSS	May 11-17, 2015	Dr. Manisha sharma Dr. Satish k. Mittal
8	International conference	International conference on advances in management & decision sciences	July 11-12, 2015	Dr. Dinesh kr. Sharma Dr. Manisha sharma

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National Conference on ‘Marketing of Services in Global Scenario: Issues and Challenges’ 19th Dec. 2011.

I am thankful to vice chancellor sir, Gautam Buddha University for giving me an opportunity to organize organized one Day National Conference on ‘Marketing of Services in Global Scenario: Issues and Challenges’ on 19th December,2011, under your kind guidance.

The aim of the conference was to bring together a distinguished panel of speakers, including academicians from renowned business schools, marketing experts and thought leaders across the world to debate and discuss the emerging and relevant research issues facing the theory and practice of service marketing in emerging economies. This conference will serve as a platform for marketing scholars and practitioners to showcase and share their insights and findings of research work on various aspects of service marketing. This conference addressed the following issues

- To access the quality of services offered by different sectors.
- To understand the philosophy of marketing of services
- To analyze the present scenario of Marketing of services in India
- To design a Model and strategies of Marketing of services

In this conference 55 delegates participated from different Indian Universities like- Delhi Univ, SRM Univ, Jamia Millia Islamia Univ, JP Univ, GLA Univ, Gurukul Kangri Univ, Guru Nanak Dev Univ, Amit Univ, CCS Univ, YMCA etc. Detail of the program schedule was:

- More than 12 different themes were covered in conference.
- 3 technical sessions in different conference rooms.
- We invited Prof. V.K.Kapoor , FMS Delhi University as a Chief Guest of Conference
- Key Notes speaker belongs to different Industries details are as follow:
 - Mr. Ravindra Paul, Senior GM(Marketing) Bharat Bijlee
 - Mr Rajiv Gupta, CEO, BPO Certification Institute, Dallas, USA
 - Mr.Alok Sharma, Asst Vice-President, HDFC Life Insurance

We provided copy of Conference Proceedings in CD-form to all participants with conference kit. Unfortunately, few of participants could not participate due to unavoidable circumstances. All papers were related to Service Industry.

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Dr. Naveen Kumar
(Organizing Secretary)
Assistant Professor
School of Management, Gautam Buddha University.

National Conference on

“RECENT TRENDS IN OPERATIONS AND SUPPLY CHAIN MANAGEMENT”

MAY 12, 2012

ABOUT CONFERENCE

Operations and Supply Chain Management has been a key element in the productivity improvement in businesses around the world. With the ever-changing nature of a global business operation that requires firms to adjust rapidly, world-class organizations rely on the right strategies and practices to enhance their operational capability. Global competition, e-business, the Internet, and advances in technology have changed the corporate nature of operations. To gain market share, organizations must focus on quality, time-based competition, efficiency, international perspectives, and customer relationships and to remain competitive, they can make use of operations management as one of the most strategic weapons that can lead to sustained competitive advantage. In addition to presenting the aforesaid challenges to Operations and Supply Chain managers, these issues present exciting opportunities for cutting edge research. In this scenario, a comprehensive understanding of operations and supply-chain management is critical.

Thus, the basic objective of the conference is to provide a platform for a detailed discussion on modern Operations and Supply Chain Management practices and to give opportunity to the academician and practitioners in this area to present and share new ideas and create excellent networking and smart collaboration.

Program Chair:

Dr. Indu Uprety
Associate Professor,
School of Management

Organizing Secretary:

Dr. Naveen Kumar
Asstt. Professor,
School of Management

DEPARTMENT OF BUSINESS MANAGEMENT

WORKSHOP ON ADVANCED RESEARCH METHODOLOGY AND STATISTICAL ANALYSIS USING SPSS (July 1-7, 2012)

A Seven Days, 65 hours, rigorous Practice based Training Programme in the form of Workshop titled as “Workshop on Advanced Research Methodology and Statistical Analysis using SPSS” was organized at School of Management by Dr. Dinesh Kumar Sharma and Dr. Satish K. Mittal as Organizing Secretaries from July 1-7, 2012. Participants from pan India: from Jammu –to-Tamil Nadu, from 12 states had come. This programme was run 10 hours a day starting from morning 8:30 am to 6:30 pm. There were several statistical packages and tools used in research: one important package being SPSS and tools were Parametric and non parametric tests which ultimately increase the utility of research and make it practically useful to the society and Businesses. All the participants appreciated the programme and acknowledged the hard work of the organizers.

DEPARTMENT OF BUSINESS MANAGEMENT

“Instructional Workshop on SPSS”

Organized by School of Management, Gautam Buddha University,
On April 2-3, 2013

About the Workshop:

Predictive analytics is a hot term in business today and SPSS software provides an integrated approach to predictive analytics through its well designed data modeling and analysis approach.

The workshop was designed to provide an interactive platform to enhance understanding of Research Methodology and Statistical Techniques using SPSS. It was introduced with a view to enhance the managerial ability of the students to apply types of statistical tools, interpret and use the results for informed decision making. The purpose of the workshop was also to facilitate Students in effectively resolving their issues by enhancing the analytical skills.

Objectives of the Workshop:

- To enhance the managerial ability to apply different types of statistical tools,
interpret and use the results for informed decision making.
- To develop skills for selecting appropriate statistical tools for the research
problem.
- To help in identifying the correct statistical techniques of analyzing
data using SPSS.
- Practical case study based problem solving approach.
- To help students in accomplishing their research projects.

Methodology Adopted:

Lecture Sessions, Practical sessions using SPSS Software.

There were slogging interactive sessions on SPSS where the participants got full hands-on experience of what they were lectured on, which proved to be quite exciting.

Target Participants:

MBA-IV Semester Students

No. of Participants:

The number of students participated in the workshop was **44 from across different functional areas.**

Resource Persons:

Internal: Dr. Indu Uprety, Dr. Satish Kumar, Dr. Sharadindu Pandey and Dr. Subhajit Banerjee and Dr. Ritu Srivastava

External: Prof. V. Sekhar.

Venue:

Conference Room, School of Management, GBU

The Program Coordinators:

- Dr. Indu Uprety, Associate Professor, SOM
- Dr. Satish K. Mittal, Asstt. Professor, SOM

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The Valedictory session of the workshop was held between 5-6 pm on April 3, 2013, where the participants were given the “Certificates of Participation” after successfully completing of the workshop.

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SCHOOL OF MANAGEMENT

WORKSHOP ON ADVANCED RESEARCH METHODOLOGY AND STATISTICAL ANALYSIS USING SPSS (May 11-17, 2015)

A Seven Days, 65 hours, rigorous Practice based Training Programme in the form of Workshop titled as “Workshop on Advanced Research Methodology and Statistical Analysis using SPSS” was organized at School of Management by Dr. Manisha Sharma and Dr. Satish K. Mittal as Organizing Secretaries from May 11-17, 2015. 200 Research Scholars/Academicians/Corporate Researchers enquired about the programme. 150 showed interest to participate including 10 from Sri Lanka, 4 from UAE, 2 from Nepal, and 2 from Malasia. 100 decided to participate, but only 60 Researchers and Academicians were selected to be trained. Participants from pan India: from Jammu –to-Tamil Nadu, and Rajasthan to Odisha, from 18 states had come. This programme was run 10 hours a day starting from morning 8:30 am to 6:30 pm. There were several statistical packages and tools used in research: one important package being SPSS and tools were Parametric and non parametric tests which ultimately increase the utility of research and make it practically useful to the society and Businesses. All the participants appreciated the programme and acknowledged the hard work of the organizers.

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“INTERNATIONAL CONFERENCE ON ADVANCES IN MANAGEMENT & DECISION SCIENCES” (July 11-12, 2015)

A two day International Conference titled as “Advances in Management & Decision Sciences” was held from 11-12 July, 2015 at School of Management organized by Dr. Dinesh Kr. Sharma and Dr. Manisha Sharma.

The objective of this conference was to provide an interdisciplinary forum for professionals, academicians, research scholars and entrepreneurs to discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Management and Decision Sciences. It was an attempt towards capturing and studying some of the emerging areas in management and decision sciences.

For the International Conference 2015, original research papers, case studies and articles were invited. Of the 141 research papers, the review board accepted 80 research papers which were divided into 6 categories and 12 technical sessions. The total participants consisted of 14 international participants and rest were from different parts of the country. The conference led to two types of publications: one in the form of an edited book and another in the form of conference proceedings.

In summary, this conference provided policy implications, a theoretical framework, empirical evidences and key findings on various advances and issues in organizational and individual response in changing paradigm, including social and environmental concerns along with its impact on performance of organizations and functioning of capital market. The conference contributed towards augmentation of the emerging opportunities and challenges posed by constantly changing environment and also the sensitivity and concerns for society and environment.

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(Annexure-IV)

Faculty name	National Committees	Editorial Boards	any other (please specify)
Dr. Shweta Anand	<p>Life member of ISTE (Indian Society for Technical Education)</p> <p>Associate Life Member of Institute of Cost and Works Accountant of India since 1994.</p>	<p>Serving as Associate Editor, Editorial Advisory Board and Reviewer of several National as well as International Journals.</p>	<p>Expert and Resource Person for one week MDP in June 2013 titled 'Business Analysis and Perspectives of Foreign Investments in India' at MNNIT, Allahabad, India Session chaired in '7th International Conference of Management and Behavioral Sciences' by Society of Management and Behavioral Sciences in June'13 at Noida, India.</p> <p>Session chaired in National Conference on Marketing of Services in Global Scenario: Issues and Challenges at GBU, Gr Noida, India 2011</p> <p>Session chaired for Track V 'ICT in Human Life' at International Conference on Innovations and Advancements in ICT at GBU, Gr Noida, India 2012</p> <p>Chaired session on 'Management/Strategic Issues' at 9th Global Conference on Business & Economics Oct 2009 at Cambridge University, UK. The strategy of pre-planned paper discussants was well appreciated by the presenters of this session.</p>

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Dr. Neeti Rana	<p>Indian Society for Training & Development</p> <p>Society for Personality & Social Psychology</p> <p>National HRD Network</p> <p>OB Teaching Society</p> <p>MBTI Practitioners Group</p> <p>Indian Academy of Applied Psychology</p> <p>Indian Science Congress Association</p> <p>National Academy of Psychology</p>		
Dr. Dinesh Sharma	Member Indian Sub-Continent region Decision Science (ISDSI)	Reviewer for <i>Journal of Management Development</i> (Journal of Emerald Group Publishing, U.K.)	
Dr. Manisha Sharma	Member Indian Sub-Continent region Decision Science (ISDSI)	Universal Journal of Industrial and Business Management	
Dr. Sharadindu Pandey		International Journal of Flexible Manufacturing System' By Springer and Academy of Management, USA	
Dr. Varsha Dixit	Member of Indian Society for		

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	Technical Education (ISTE)		
Dr. Samar Raqshin	Member of Indian Society for Technical Education (ISTE)		
Dr. Deepika Joshi	Member, IMRA, London Member, EUOMA in 2013 -14	Paper Reviewer, AISC Book Series published by Springer, IEEM International conference held at Bangkok, Thailand, 2013.	

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(Annexure-V)

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Academic Staff Development Programmes	Name of Faculty	Faculty	
		No.	Percentage
Refresher Course	Dr. Ombir Singh	1	5%
HRD Programmes			
Orientation programmes	Dr. Varsha Dixit, Dr. Deepika Joshi	2	10.5%
Staff training conducted by the other institutions			
Summer/Winter schools, workshops, etc.	Dr. Dinesh Kumar Sharma, Dr. S. Pandey, Dr. Manisha Sharma, Dr. Varsha Dixit, Dr. Lovy Sarikwal, Dr. Deepika Joshi, Dr. Monika Bhati, Dr. Samar Raqshin, Dr. Ombir Singh, Dr. Rakesh Kumar Srivastava, Dr. Satish Kumar,	11	58%

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2.4.9 What percentage of the faculty have

	Name of Faculty	No. of Faculty	
Been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies?	Dr. Indu Uprety, Dr. Shweta Anand, Dr. Neeti Rana, Dr. Manisha Sharma, Dr. Satish Kumar Mittal, Dr. Dinesh Kumar Sharma, Dr. S. Pandey,	7	37%
Participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies?	Dr. Indu Uprety, Dr. Shweta Anand, Dr. Neeti Rana, Dr. Manisha Sharma, Dr. Lovy Sarikwal, Dr. S. Pandey, Dr. Dinesh Kumar Sharma, Dr. Varsha Dixit, Dr. Deepika Joshi, Dr. Monika Bhati, Dr. Samar Raqshin, Dr. Ombir Singh, Dr. Rakesh Kumar Srivastava, Dr. Satish Kumar, Dr. Naveen Kumar, Dr. Subhojit Banerjee	16	84%
Presented papers in Workshop/Seminars/Conferences conducted or recognized by professional agencies?			
Teaching experience in other universities/national institutions and other institutions?	Dr. Indu Uprety, Dr. Shweta Anand, Dr. Neeti Rana, Dr. Lovy Sarikwal, Dr. Manisha Sharma, Dr. Dinesh Kumar Sharma, Dr. S. Pandey, Dr. Varsha Dixit, Dr.	14	74%

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	Deepika Joshi, Dr. Ombir Singh, Dr. Rakesh Kumar Srivastava, Dr. Satish Kumar, Dr. Subhajit Banerjee, Dr. Kavita Singh		
Industrial engagement?			
International experience in teaching?			

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(Annexure-VI)

Students Profile Programme-wise:

Programme-MBA						
S. No.	Batch	Total		Total	Total %	
		M	F		M	F
1	MBA Batch (2008-2010) Academic Year (2008-2009)	89	31	120	100	100
	Academic year (2009-2010)	83	30	113	93	97
2	MBA Batch (2009-2011) Academic year (2010-2011)	87	26	113	100	100
	2 Academic year (2010-2011)	74	25	99	85	96
3	MBA Batch (2010-2012) 1 Academic year (2010-11)	60	21	81	100	100
	2 Academic year (2011-12)	51	16	67	85	76
4	MBA Batch (2011-2013) 1 Academic year (2011-2012)	63	19	82	100	100
	MBA Batch (2011-2013) 1 Academic year (2012-2013)	63	19	82	100	100
5	MBA Batch (2012-2014) 1 Academic year (2012-2013)	35	22	57	100	100
	MBA Batch (2012-2014) 1 Academic year (2013-2014)	31	21	52	88	95
6	MBA Batch (2013-2015) 1 Academic year (2013-2014)	17	7	24	100	100
	MBA Batch (2013-2015) 1 Academic year (2014-2015)	14	7	21	82	100
7	MBA Batch (2014-2016) 1 Academic year (2014-2015)	14	8	22	100	100
	MBA Batch (2014-2016) 1 Academic year (2015-2016)	14	8	22		
8	MBA Batch (2015-2016) 1 Academic year (2015-2016)	18	13	31		

Programme-Integrated BBA-MBA		Total		Total	Total %	
		M	F		M	F
1	BBM+MBA Batch (2010-15) Academic year (2010-2011)	32	10	42	100	100

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	Academic year (2011-2012)	27	9	36	84	90
	Academic year (2012-2013)	26	9	35	96	100
	Academic year (2013-2014)	26	9	35	96	100
	Academic year (2014-2015)	26	9	35	96	100
2	BBM+ MBA Batch (2011-2016) Academic year (2011-2012)	32	21	53	100	100
	Academic year (2012-2013)	30	22	52	90	100
	Academic year (2013-2014)	26	21	47	86	95
	Academic year (2014-2015)	26	21	47	86	95
	Academic year (2015-2016)	26	21	47		
3	BBM+ MBA Batch (2012-2017) Academic year (2012-2013)	32	19	51	100	100
	Academic year (2013-2014)	20	19	39	62	100
	Academic year (2014-2015)	18	18	36	90	94
	Academic year (2015-2016)	18	18	36		
	BBM+ MBA Batch (2013-2018) Academic year (2013-2014)	22	12	34	100	100
4	Academic year (2014-2015)	15	8	23	68	66
	Academic year (2015-2016)	14	8	22		
	BBM+ MBA Batch (2014-2019) Academic year (2014-2015)	21	14	35	100	100
	Academic year (2015-2016)	12	12	24		
	BBM+ MBA Batch (2015-2020) Academic year (2015-2016)	33	17	50		

Programme-Integrated BBA-MBA

	Ph.D Programme	Total		Total al M F	Total % M F
		M	F		
1	Academic year (2008-2009)	1	7	8	
2	Academic year (2009-2010)	1	1	2	
3	Academic year (2010-2011)	7	11	18	

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4	Academic year (2011-2012)	5	5	10		
5	Academic year (2012-2013)	5	9	12		
6	Academic year (2013-2014)	3	8	11		
7	Academic year (2014-2015)	2	5	7		
8	Academic year (2015-2016)	0	2	2		

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(Annexure-VII)

Number of faculty members who were awarded Ph.D. degree during the assessment period: 05

S.No	Enrollment No.	Name of the Candidate	Title of the Ph.D Thesis	Date of the Viva-Voce
1	Ph.D/MGT/0801	Ms. Kavita Singh	A Study of corporate social responsibility & business sustainability in Indian Sugar Industry	19/05/2014
2	Ph.D/MGT/0908	Ms. Shadma Parveen	Managing Organizational Competences for accruing Competitiveness of Small & medium enterprises (SMEs) in India	29/6/2015
3	Ph.D/MGT/0901	Ms. Samar Raqshin	role of leadership in leveraging the innovativeness & performance of high tech enterprises	19/10/2013
4	Ph.D/MGT/0902	Ms. Monika Bhati	Managing Employees Commitment for Sustained Productivity in Manufacturing Sector: A Study of Automotive Industry in NCR	24/03/2015
5	Ph.D/MGT/0907	Ms. Princy Vij	Managing Human Capital in High Performance Work Systems for enhancing Organizational Performance: A study on Software Development Firms in India	20/05/2015

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(Annexure-VIII)

List the distinguished alumni of the department

Name	batch	Organization
Alok Kumar	2011	Coal India
Huma Rafi	2011	ONGC
Deep Darshan Suman	2010	Honda CIEL
Sneha Kumari	2010	policybazar.com
Lalit Kumar	2010	Yamha Motors
Vijay Rawat	2011	Metlife
Vishal Maheswari	2011	HCL
Ruchi Anand	2011	HCL
Swati	2012	HCL
Surbhi Verma	2010	Power finance corporation
Kirti Singh	2015	Paytm
Ksitiz Gupta	2015	American Express
Vipul Singh	2015	H&H Pharma
Amit jha	2011	SMR automotive

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**(SCHOOL OF LAW JUSTICE AND
GOVERNANCE)**

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- 1. Name of the Department:** Dept. of Law and Justice
- 2. Year of establishment:** 2011
- 3. Is the School /Faculty of the university?:** Yes, (School of Law, Justice & Governance, 2011)
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters Integrated Ph.D., D.Sc., D.Litt., etc.):** BA LLB (Five Year Integrated Programme)
- 5. Interdisciplinary programmes and departments involved (Faculties taught courses in other Department/ Schools):** The five year integrated BA LL.B programme includes 15 courses in social sciences. Further, a number of elective courses at the various schools of the University are open for cross-registration after adoption of the Choice Based Credit System of UGC. Students are offered courses mandated by the Bar Council of India and University along with electives course in Governance and Public Policy to augment their knowledge in law.
- 6. Courses in collaboration with other universities, industries, foreign institutions etc. : Nil**
- 7. Details of programmes discontinued, if any, with reasons:** No programme has been discontinued.
- 8. Examination System:** Annual/Semester/Trimester/Choice Based Credit System: Semester System (Choice Based Credit System)
- 9. Participation of the department in the courses offered by other departments:** The faculty members are involved in teaching various interdisciplinary courses in other departments/ Schools of the University.
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS &MPS)
Prof	Referred to Section 1 (24) of Self Study Report	Nil	
Asso Prof		Nil	
Assistant Prof		07	
Others (Guest Faculty)		07	

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

SN .	Name	Qualification	Designation	Specialization	No. Of Year of Experience	No. of Ph.D./M.P hil Students guided for the last four years

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1	Dr Brahm Dev Pandey	LL.M PhD	Head of Department (Assistant Professor)	Constitutional Law	06 Years 11 months and 10 years standing at the Bar	Nil
2	Dr Mamta Sharma	LL.M PhD	Assistant Professor	Constitutional Law	05	Nil
3	Dr Akshay Kumar Singh	M.Phil PhD JRF+ NET	Assistant Professor	Political Science and International Relations	3 Years 9 months	Nil
4	Dr Vivek Kumar Mishra	MPhil PhD JRF+ NET	Assistant Professor	Political Science and International Relations	3 Years 9 months	Nil
5	Dr Chandrabhanu Bharhas	MPhil PhD NET	Assistant Professor	Political Science and International Relations	11	Nil
6	Dr Pankaj Deep	MPhil PhD, NET	Assistant Professor	Political Science & Governance	3 Years 9 months	Nil
7	Dr Sumitra Huidrom	MA PhD	Assistant Professor	English	5	Nil

Guest Faculty Profile

S N.	Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of Ph.D./ M.Phil Students guided for the last four years

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1	Mr. Swadesh Kumar Sharma	Guest Faculty	LLM(Gold Medalist), 12 Years of Standing at Bar	Corporate and Criminal law	12	Nil
2	Mr. Apoorv Mawai	Guest Faculty	LLM, NET	WTO Law	3	Nil
3	Ms. Pratima Singh	Guest Faculty	LLM, NET	Business Law, IPR	3	Nil
4	Ms. Aakriti Mathur	Guest Faculty	LLM, NET,	Criminal Law and Human Rights and International Humanitarian Law (P.G Diploma)	Fresher	Nil
5	Dr. Dhwani Sharma	Guest Faculty	LLM. NET/JRF, Ph.D	Constitutional Law	1	Nil
6	Mr. Jitendra Singh	Guest Faculty	LLM. NET Ph.D(Pursuing)	Corporate Law	6	Nil
7	Mr. Vishal Sharma	Guest Faculty	MA, LLB, LLM, NET	Criminal Law, Constitutional Law and Public International Law	6	Nil

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

13. Percentage of classes taken by temporary faculty – programme-wise information: ~ 30 per cent in BA LLB (Five Year Integrated Programme).

14. Programme-wise Student Teacher Ratio:

Name of Programme	Total No. Of Students	Total Teachers	Ratio
BA LLB (Five Year Integrated Programme)	151	07	1: 22

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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Staff available at the School Level: Presently One Data entry operator and One attendant are working in the School.			
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: 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 : Nil 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 according to above mentioned SN.): 35 (Please find details in enclosed Annexure 1) Monographs: 0 Chapters in Books: 04 Edited Books: 01			
* Books with ISBN with details of publishers:			

No. of Books	Details of Books:
01	Dr Brahm Dev Pandey, <i>The Law of the Press</i> (Kamal Publishers: New Delhi, 2015). ISBN: 978-81-929901-3-2.

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):

Impact Factor:

The 2-year Impact Factor (2-GJIF) is 0.38.

- 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 National committees b) International Committees c) Editorial Boards d) any other (please specify):** Nil

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27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). The university funds, faculty members for doing faculty recharge programmes. The details of Professional development allowances in attached in annexure.

28. Student projects

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

B) Percentage of students doing projects in collaboration with other universities Industry / institute: 100. Each student of the School is required to undertake a number of internships amounting to an aggregate of 04 weeks for the BA LL.B. programme. Such internships may be carried out under an NGO, Trial and Appellate Advocates, Judiciary, Legal Regulatory authorities, Other Legal Functionaries, Market Institutions, Law Firms, Companies, Local Self Government and other such bodies where law is practiced either in action or in dispute resolution or in management.

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

SN	Name of Faculty	Award
1	Dr Vivek Kumar Mishra	Junior/ Senior Research Fellowship from UGC
2	Dr Akshay Kumar Singh	Junior/ Senior Research Fellowship from UGC
3	Dr Chandrabhanu Bharhas	NET from UGC
4	Dr Pankaj Deep	NET from UGC

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: Nil

31. Code of ethics for research followed by the departments: As per institutional ethical committee of conduct/ ethics

32. Student profile programme-wise: PhD information should be given from the School level:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
BA LLB (Five Year Integrated Programme) 4 th Year (2015-16)	Refer to Annexure- Vol-II/1	13	13		
3 rd Year (2014-15)		10	9		
2 nd Year (2013-14)		14	15		

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1 st Year (2012-13)	52	12	
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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
BA LLB (Five Year Integrated Programme)	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:

The current running BA LLB programme is fourth year of its inception and the students are yet to pass out.

35. Student progression: The School is yet to start its Master's and PhD programmes.

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

36. Diversity of Staff

Percentage of faculty who are graduates of the same university: Nil

from other universities within the State: 40

from universities from other States from : 60

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 Library**

The Law School Library plays a proactive and important role in supporting the teaching, learning and research in the University. The library has a collection of print volumes and an array of electronic resources. The print collection includes books, AIR journal and back volumes of periodicals etc.

Internet facilities for staff and students:

Internet in GBU is a state-of-the-art facility provided by its hi-tech Wi-Fi network. The entire campus is Wi-Fi enabled including student hostels, faculty housing and the academic block, classrooms, the library, faculty offices, administrative offices etc.

Total number of class rooms: 08

Class rooms with ICT facility: 08 Class rooms have the following facilities:

- Desktop in each class room with Intranet and Internet connectivity
- Projector and Screen for projection and display
- Speakers for proper sound
- Lapel mike for teacher

Students' Moot Court: 1 (Moot Court Room is in the department)

Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates: The School is yet to start its Master's and PhD programmes.

from the host institution/university: Nil

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: The feedback taken from various sources including experts, local people and legal luminaries before starting of the BA LLB programme.

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 faculties of the Department meet at the beginning of each semester to evaluate the teaching-learning materials for the semester. Any suggestions made by faculty members are taken up for consideration by the Board of Studies (BoS which are held in the regular intervals in the Chairmanship of the Dean of the School.

B) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? The Department uses mainly two

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mechanisms to obtain feedback from the students. The first is an optional feedback from students regarding their ongoing courses while the semester is still in progress. This allows faculty members to revisit and reconsider their approach towards class participation, teaching styles, assessment, feedback on learning, office hours and tutorials. The second feedback is conducted at the end of each semester which is compulsory.

The feedback from students takes into account whether the following parameters are met:

- Faculty encourages class participation
- Regular feedback on student learning is provided
- Faculty has clarified course aims and policies and expectations from students

43. Alumni and employers on the programmes offered and how does the department utilize the feedback? The first batch of the BA LLB programme is yet to pass out.

The first batch of the BA LLB programme is yet to pass out.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

Student's Participation in Extra Curricular Activities of BA LLB Programme:

- Students of first batch of BA LLB attended the conference organized under auspices of Indian Law Institute (ILI) held at Vigyan Bhawan in 2012.
- Students (Mr. Dhruv Tomar and Ms. Kajal Gupta) participated in UPES-MUN 2013 organized by University of Petroleum and Energy Study, Dehradun in Collaboration with UN Information Centre 2013 for India and Bhutan in 2013.
- One student (Ms. Shivangi Sharma) presented a paper in National Seminar entitled "Social Security Laws and Rising Exploitation" organized by IIMT&SL and GGSIU in 2013.
- Mr. Anshuman Mehrotra participated in short fiction essay writing competition organized by Belles-Letters J E Dastur Memorial G L C.
- Ms. Shivangi Sharma, Mr. Dhruv Tomar and Mr. Anshuman Mehrotra of BA LLB fourth Year students have participated in International Essay Competition organized by Surana & Surana in Collaboration with Punjab University, Chandigarh in 2014.
- Ms. Shivangi Sharma, Ms. Minakshi Chauhan, Ms. Tushi Singh and Ms. Shivani Singh attended International Client Counseling Event organized by Luis M Brown held at Lloyd Law College in 2014.
- Mr. Dhruv Tomar, Ms. Sukriti Tiwari, Mr. Kaustubh Tripathi, Ms. Kajal Gupta, Ms. Tushi Singh, Ms. Aneesha Sharma, Ms. Shakshi Sharma, Mr. Gaurav Gupta, Ms. Ritu, Mr. Vikrant, BA LLB students took part in Nukkar Natak held at Lloyd Law College in 2014.
- Students of two batches of BA LLB programme participated in first Internal Client Counseling Competition held by the School of Law, Justice & Governance (Gautam Buddha University) in 2015 in which two teams (Team 1: Mr. Dhruv Tomar and Sukriti Tiwari; Team 2: Ms. Kajal Gupta and Mr. Rishabh Singh) emerged as winners out of six participating team. In this competition Ms. Aneesha Sharma won the prize of best client.

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45. List the teaching methods adopted by the faculty for different programmes: The faculty members of the department rely on a variety of methods over and above standard classroom lectures. These include the Harvard case study method, the Socratic Method, moot courts, constant assessment and evaluative feedback and field visits apart from using ICT facilities.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The methods used by the faculty members are often unique to the course being taught. The teaching methods are set out for each course in a course structure which is revised at the beginning of each semester and is reviewed by the Board of Studies. The BOS is able to guide and suggest changes in the course structure, including the teaching methodology. The students are encouraged to participate in the training programmes, workshops from other academic bodies of repute.

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

The Legal Aid Clinic of the School is committed to the cause of bridging the gap between the constitutional promise of a dignified life to every citizen and the reality of lower human existence of the majority of the population, especially in rural areas. The clinical programme works to secure the objectives of good governance and citizen participation, in pursuance of the larger social justice mission. The clinical is working with communities, in collaboration with civil society organizations, to support their effective participation in local governance.

48. Give details of “beyond syllabus scholarly activities” of the department:

The students are encouraged to participate in the various Moot court competitions, training programmes, workshops from other academic programmes of repute. The extracurricular activities are organised in a regular intervals.

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 has published research work in the refereed National and International Journals of repute.

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

Strengths

- The well organised Course Structure based on CBCS.
- Faculty Quality: The department employs well qualified, most of them educated in India's top universities, giving students quality lectures.
- Strong Commitment of the students and faculties
- Good Infrastructure and well ICT equipped class room
- The mandatory 100 attendance is compulsory in the class

Weaknesses

- Absence of alumni networks that can immensely help in placements, fund-raising, outreach, and attracting students.
- As a new School it is more difficult to attract research and other funding, both nationally and internationally.
- Lack of senior faculty members.

Opportunities

- To develop more outreach activities nationally and internationally, attract more diverse and intelligent students.
- To introduce LL.M. and PhD programmes.
- To deepen and widen collaborations with top universities in India and the World.
- To utilise the professional networks of the academic staff at national and international level.
- To collaborate with other Schools for developing more interdisciplinary approach and teaching activities.

Challenges

- To consolidate the running programme and open some new programmes.
- Advance in a much more competitive and multicultural academic environment in the future and flourish as number one top Law School in the NCR.
- To contribute for the development of inter-university collaborations in India and create an enabling environment for research and teaching.
- Innovate in developing teaching not just of the foundational legal disciplines, but also how the skills and knowledge can apply in real-world scenarios.
- To utilise the fast-growing, more sophisticated technological advances in the legal learning process.

52. Future plans of the department

The Department will focus on quality and to be one of the best law schools in India. It will attract talented and motivated applicants from all parts of India and abroad, expose them to new ideas, offer them innovative problem-solving learning environment, and turn them into highly skilled, committed professionals and socially responsible citizens. The faculty will consistently produce articles in the journals of repute, edited books and will contribute to intellectual discussion through policy reports and briefs, newspaper editorials and other publications. The Department and School will consolidate its academic programmes in sets of courses, goals, methods and faculty members and intends to propose its PG and PhD programmes in near future.

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ENGINEERING**

**(SCHOOL OF INFORMATION&
COMMUNICATION TECHNOLOGY)**

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- 1. Name of the Department:** Computer Science & Engineering
- 2. Year of establishment:** 2010
- 3. Is the Department part of a School/Faculty of the university?**
Department is the part of school. School of Information and Communication Technology which came into existence in **2009**
- 4. Names of programmes offered (UG, PG, M. Phil., Ph.D., Integrated Masters);**

Integrated Ph.D., D. Sc., D. Litt., etc.):

List of Programme –

1. Five year Integrated Dual Degree programme (B.Tech. (CSE) + M.Tech (ICT)).
2. M.Tech. (Computer Science)
3. Ph.D.

- 5. Interdisciplinary programmes and departments involved:**

- a.** Five year Integrated Dual Degree programme [B.Tech. (CSE) + MBA] offered by Department of CSE, SoICT and Department of Business Management, School of Management.
- b.** M.Tech. in ICT (Specialisationin Intelligent Systems and Robotics / Software Engineering / VLSIDesign/ Wireless and Communication Networks)offered by Department of CSE and Department of ECE, SoICT

- 6. Courses in collaboration with other universities, industries, foreign institutions, etc:**

Courses CS655(Industrial Practices in Software Engineering) and CS683(Industrial Practices in Software Engineering Lab) in IIIrdSem of M.Tech. (ICT-SE) and M.Tech.(CS) in collaboration with NSDC.

- 7. Details of programmes discontinued, if any, with reasons:** 3 years M. Tech. for Science Graduates-

As per the advice of regulatory authority.

- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Semester and choice based credit system.

- 9. Participation of the department in the courses offered by other departments:** Annexure - 1

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

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	Refer to Section 1 (24) of self study report.	-	
Associate Professor		-	
Asst. Professor		4	
Others(RA/FA)		4	

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

Name	Qualification	Designation	Specialization	No. of Years Experience	No. of Ph.D./M.Tech. Students guided for the last 4

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					years
Dr. Vidushi Sharma	Ph.D.	Assistant Prof.	Computer Engineering	16	1 awarded 1 submitted 7 undergoing /30
Dr. Anurag Singh Baghel	M.Tech., Ph.D.	Assistant Prof.	Metaheuristics and Optimization Techniques	11	8 undergoing /30
Dr. Neeta Singh	Ph.D.	Assistant Prof.	Computer Engineering	06	5 undergoing /20
Dr. Pradeep Tomar	M.Tech., Ph.D.	Assistant Prof.	Software Engineering	09	8 undergoing /30
Dr. Arun Solanki	M.Tech., Ph.D.	R.A/F.A	Computer Engineering	08	0/30
Dr. Sandhya Tarar	M.Tech., Ph.D.	R.A/F.A	Computer Engineering	08	0/30
Ms. AartiGautamDinker	M.Tech., Ph.D. Pursuing	R.A/F.A	Electronics & Communication Engineering	04	0/20
Ms. Nidhi Gulati	M.Tech., Ph.D. Pursuing	R.A/F.A	Computer Engineering	04	0/30

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

a. Prof. Brahmjit Singh Prof. NIT Kurukshetra

13. Percentage of classes taken by temporary faculty – Program-wise information 2015

S.No.	Program	Guest Faculty
1.	Dual Degree B.Tech.+M.Tech (2015) 5 yr CS, (Sem. -I)	0
2.	Dual Degree B.Tech.+M.Tech (2015) 5 yr CS, (Sem. -III)	45
3.	Dual Degree B.Tech.+M.Tech (2015) 5 yr CS, (Sem. -V)	100
4.	Dual Degree B.Tech.+M.Tech (2015) 5 yr CS, (Sem. -VII)	100
5.	M.Tech. (2015) Sem.-I (SE + CS + ISR)	43

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6.	M.Tech. (2015) Sem.-I (WCN + VLSI Design)	57
7.	M.Tech. (2015), Computer Science, Sem.-III	50
8.	M.Tech. (2015), ISR, Sem.-III	100
9.	M.Tech (2015) Software Engg., Sem.-III Sect- A	33
10.	M.Tech (2015) Software Engg., Sem.-III Sect- B	43

14. Programme-wise Student Teacher Ratio:(395/31=13:1 including Guest Faculty)

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

Sanctioned	Filled	Actual
-		<ul style="list-style-type: none"> • 02 Lab Technician from University (internal) • 4 Lab Technician outsourced • Administrative staff <ul style="list-style-type: none"> ◦ 1 from University ◦ 1 outsourced

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.

Dr. Vidushi Sharma Mentor of the project; Investigation on the improvement of life time and performance of Wireless Sensor Node. (Principal Investigator – Ms. AnuradhaPughat) Dept. of Science and Technology (DST), Ministry of Science & Technology Govt. of India.

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. :DST funded project refer point-17

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: Faculty Paper publication

(Annexure – 2and 2A)

- Number of papers published in peer reviewed journals (national / international) - **79**
- Monographs - NIL
- Chapters in Books - **03**
- Edited Books - **01**
- Books with ISBN with details of publishers - **02**
- Number listed in International Database

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(For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)- **51**

- Citation Index – range / average – **(0-56) / 2.23**
- SNIP – **1.84**
- SJR – **1.62**
- Impact Factor – range / average – **(0 – 2.5) / --0.056**
- h-index - **05**

- 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) Refer: **(Annexure- 3)**
- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).** **(Annexure-4)**
- | | |
|--------------------------------|--------------------------|
| International conferences | -3(with ECE department) |
| National conferences | -1(with ECE department) |
| One-week FDP | -2 (with ECE department) |
| Workshop and training programs | -21 |
| Industrial visits | -06 |
- 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 :**
 1. Best Paper Award - Tomar, P. (2013), International Conference on Software and Computer Applications, Paris, France
 2. Bharat Jyoti Award - Pradeep Tomar (2012) given by India International Friendship Society in Conference on Economic Growth and National Integration at New Delhi, INDIA.
 3. Best Computer Science Faculty Award Pradeep Tomar (2012), given by Association of Scientist, Developers and Faculty in ICCA.
 - **Doctoral / post doctoral fellows :** **NIL**
 - **Students:** UGC National Fellowship for OBC Students for Ph.D. (Mr. Mukesh Mann)
- 30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any. :** Annexure 4
- 31. Code of ethics for research followed by the departments:**
(Refer GBU Ordinance)

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32. Student profile programme-wise:

Pass percentage is 100%

s.no.	Program	No of Student	
		Male	Female
1.	Dual Degree B.Tech.+M.Tech (2015-2020) 5 yr CS, (Sem. -I)	44	18
2.	Dual Degree B.Tech.+M.Tech (2014-19) 5 yr CS, (Sem. -III)	43	19
3.	Dual Degree B.Tech.+M.Tech (2015) 5 yr CS, (Sem. -V)	51	15
4.	Dual Degree B.Tech.+M.Tech (2015) 5 yr CS, (Sem. -VII) (ISR +SE)	43	15
5	Dual Degree B.Tech.+M.Tech (2015) 5 yr CS, (Sem. -IX) (ISR +SE)	11+50 =61	3+25 =28
6.	Dual Degree B.Tech.+M.Tech (2015) 5 yr EC, (Sem. -IX) (ISR)	6	1
7.	M.Tech. (2015) Sem.-I (Software + CS + ISR)	7	10
8.	M.Tech. (2015), Computer Science, Sem.-III	7	9
9.	M.Tech. (2015), ISR, Sem.-III	3	1
10.	M.Tech (2015) Software Engg., Sem.-III Sect- A and B	4	10

33. Diversity of students

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

34. How many students have cleared Civil Services and Defense Services examinations,

NET, SET, GATE and other competitive examinations? Give details category-wise.: 3 in GATE

35. Student progression

Student progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil.	NA
PG to Ph.D.	02+2 interdisciplinary
Ph.D. to Post-Doctoral	NIL

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Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	As per CRC
--	------------

36. Diversity of staff

Percentage of faculty who are graduates of the	
same university	Nil
from other universities within the State from	90% State
universities from other States from universities	10%
outside the country	Nil

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

- i. Mr. Arun Solanki
- ii. Mr. Mohd. Ashraf
- iii. Mrs. Sandhya Tarar
- iv. Mr. Sandeep Singh Rana
- v. Ms. Manisha Manjul
- vi. Mr. Pradeep Tomar

38. Present details of departmental infrastructural facilities with regard to

- a) **Library:-** Central Library of the university take care of the school requirement.
- b) **Internet facilities for staff and students-----** Yes
- c) **Total number of class rooms-----** 07
- d) **Class rooms with ICT facility-----** 7
- e) **Students' laboratories-----** 11(Annexure-5)
- f) **Research laboratories-----** 11 (Annexure-5)

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

- a) **from the host institution/university** Total 26 (Annexure – 6)
- 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.: Programme to be developed is proposed by the Board of Studies (BOS) comprising of Dean SoICT, HoD's BOS internal faculty members, external expert from academic intuitions of high repute.

After the approval from BOS the proposal is presented in Academic Council where the eminent Professors and Board Members give their consent after thoroughly scrutinizing Board of Management their approves the programmes before stating it.

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? :
Faculty give the feedback from time to time new subjects and syllabus upgradation is proposed which is implemented after the approval from the BOS and Academics Council.
- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :**Informal feedback are taken by the faculty coordinators from students regarding the classes conductance course completion and faculty. The feedback helps in the smooth conductance of class and the courses curriculum
- c. **Alumni and employers on the programmes offered and how does the department utilize the feedback? :** Alumni and employers interaction from time to time helps in providing inputs of industry demands. The course curriculum and syllabus is improved based on their input.

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

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Annexure 4&7 .

International conferences	-3(with ECE department)
National conferences	-1(with ECE department)
One-week FDP	-2 (with ECE department)
Workshop and training programs	-21
Industrial visits	-06
Expert Lecture	-22

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

(a) Handouts (b) Presentation (c) Videos

Lecture notes are also provided in ‘easy classes’ by same faculty members. The web portal easy class helps in providing access of notes to the students and also is an interactive platform.

Test quiz seminars are conducted by faculties for the continuous evaluation throughout the semester.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?: Continuous assessment and evaluation of learning outcomes is done by the faculty members.

Quiz Assignment, Tests, Presentation along with mid-term and end-term bring about assessment and help in monitoring the learning outcomes.

47. Highlight the participation of students and faculty in extension activities.: Student and faculties participate in workshop, seminar, conference from time to time Various guest lectures by industry experts and eminent scholars, professors from academics are also organized.

- 48. Give details of “beyond syllabus scholarly activities” of the department.:**
- Industrial visit. : Industrial visit are organized for the students.
 - In-house projects and seminar are conducted so that students can get the practice exposure.
 - Students are encouraged to participate in workshops and take up summer training project during summer break.
 - Expert lectures and trainings provided to students help in abridging the gap of industry and academics.
- 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. :** Departments have recently stated M.Tech. in Computer Science programs. Software Engineering, Intelligence System and Robotics are offered looking at the industry demand.
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:**

Strength	Weakness
Qualified faculty	Less Brand awareness
Infrastructure	Lack of publicity
Course Curriculum	
NSDC tie up	

Opportunity	Challenges
Tie up with corporate to leverage the academics and increase employability	Student Faculty Ratio.
New Courses.	New Organization difficulties such as brand image building.

52. Future plans of the department.

National Skill Development Programs are being launched in job role software engineers software tester and security and test engineer.

- There are plans for industrial tie ups and launch of short term courses.

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Annexure – 1

Participation of the department in the courses offered by other departments

S.No.	Subject Code	Subject Name	Program and Department to whom offered
1.	CS101	Computer Programming - I	5-Year Integrated Dual Degree in Department of Biotechnology
			5-Year Integrated Dual Degree in Department of Civil Engineering
			5-Year Integrated Dual Degree in Department of Electrical Engineering
			5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
			5-Year Integrated Dual Degree in Department of Civil Engineering
2.	CS181	Computer Programming Lab - I	5-Year Integrated Dual Degree in Department of Electrical Engineering
			5-Year Integrated Dual Degree in Department of Mechanical Engineering
			5-Year Integrated Dual Degree in Department of Electrical Engineering
			5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
			5-Year Integrated Dual Degree in Department of Mechanical Engineering
3.	CS102	Computer Programming - II	5-Year Integrated Dual Degree in Department of Electrical Engineering
			5-Year Integrated Dual Degree in Department of Mechanical Engineering

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			5-Year Integrated Dual Degree in Department of Electrical Engineering
			5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
			5-Year Integrated Dual Degree in Department of Mechanical Engineering
4.	CS182	Computer Programming Lab - II	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
5.	CS205	Data Structures and Algorithms	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
6.	CS283	Data Structures and Algorithms Lab	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
7.	CS309	Computer Organization and Architecture	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
8.	CS310	Data Networks	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
S.No.	Subject Code	Subject Name	Program and Department to whom offered
9.	CS312	Management Information Systems	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
10.	CS441	Software Project Management	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
11.	CS443	Object-Oriented Software Engineering	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
12.	CS382	Computer Networks lab	5-Year Integrated Dual Degree in Department of Electronics & Communication Technology
13.	CS523	Advanced Computer Architecture	M.Tech. Embedded Systems / M.Tech.(ICT-VLSI Design) in Department of Electronics & Communication Technology
14.	CS527	Research Techniques in ICT	M.Tech. Embedded Systems / M.Tech.(ICT-VLSI Design) in Department of Electronics & Communication Technology
15.	CS699	Robotics	M.Tech. Embedded Systems in Department of Electronics & Communication Technology

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16.	CS661	Expert System Design	M.Tech. Embedded Systems in Department of Electronics & Communication Technology
17.	CS679	Fuzzy Set Theory	M.Tech. Embedded Systems in Department of Electronics & Communication Technology
18.	CS647	Software Maintenance	M.Tech. Embedded Systems in Department of Electronics & Communication Technology
19.	CS311	E-Commerce	Open Elective

Annexure - 2

Vidushi Sharma Ph.D.
Assistant Professor

PUBLICATIONS

1. Vidushi Sharma and KritiPriya (Jan 2015) : Performance modelling of an Application Server using Matrix Geometric Method
 - International Journals of Management IT and Engineering Vol 5, No 1, pp. 183-200 Impact Factor 4.297 ISSN : 2249-0558
2. A. Pughat, Vidushi Sharma (Jan 2015) : A review on stochastic approach for Dynamic Power management in wireless sensor network
 - Human Centric Computing and Information Sciences, Springer, Vol 5, No 4, pp. 1-14 10.1186/s 13673-015-0021-6
3. Vinay Singh and Vidushi Sharma (2014): Elitist Genetic Algorithm Based Energy Balanced Routing Strategy to Prolong Lifetime of Wireless Sensor Networks
 - Chinese Journal of Engineering (Hindawi Publishing Corporation) Vol. 2014 , Article ID305823,pp.www.hindawi.com/journals/cje/2014/437625/
4. Puneet Azad and Vidushi Sharma (2013): Pareto optimal clustering scheme for wireless sensor networks
 - International Journal of Electronics, Taylor & Francis (SCI Indexed-<http://www.sci-thomsonreuters.org/index.php?word=I>, ISSN:0020-7217 Published December 2013
5. Puneet Azad and Vidushi Sharma(2013): Energy efficient Clustered scheme for wireless sensor networks using multi-criteria decision making approach
 - International Journal of Computer Aided Engineering and Technology, Inderscience, February, 2013
6. Puneet Azad and Vidushi Sharma(2013): Cluster Head Selection using Multiple Attribute Decision Making Approach
 - Notes of the institution of Computer Sciences, Social Informatics and Telecommunications Engineering , Springer, Vol. 115, pp.141-154,, 2013
7. Puneet Azad and Vidush Sharma(2013): Cluster Head Selection in Wireless Sensor Networks under Fuzzy Environment
 - ISRN Sensor Networks, Hindawi Publishing Corporation, Vol. 2013, Article ID 909086, dx.doi.org/10.1155/2013/909086, pp 1-8
8. Vinay Kr. Singh and Vidushi Sharma(2012): Lifetime Maximization of Wireless Sensor Networks using Improved Genetic Algorithm based Approach
 - International Journal of Computer Applications (0975 – 8887, Vol. 57– No.14, pp. no. 36-40, November 2012
9. Singh Vinay. K., Sharma Vidushi(2012): Elitist Genetic Algorithm Based Energy Efficient Routing Scheme For Wireless Sensor Networks,
 - International Journal of Advanced Smart Sensor Network Systems (IJASSN), ISSN : 2231 - 4482 [Online] ; 2231 - 5225 [Print], Volume 2, Number 2, April 2012

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10. Puneet Azad, Vidushi Sharma(2012): Maximum Residual Energy Based Clustering Scheme for Wireless Sensor Networks
 - Advanced Science Focus, American Scientific Publishers, doi:10.1166/asfo.2012.1021, 2012
11. NiyatiBaliyan and Vidushi Sharma (2012): A Framework for Mining High Level Clones
 - International Journal of Advanced Research in Computer Science and Software Engineering, Vol 2 No. 5, pp. 25-29. **ISSN: 2277-128X**
12. Vinay Kr. Singh and Vidushi Sharma(2012):Elitist Genetic Algorithm Based Energy Efficient Routing Scheme For Wireless Sensor Networks
 - International Journal of Advances Smart Sensor Networks (IJASSN), Vol.2 No.2, pp. 15-21
13. Puneet Azad, Brahmjit Singh and Vidushi Sharma (2011): A Novel Clustering Approach for Extending the Lifetime for wireless sensor networks
 - International Journal of Advances in Engineering & Technology, Vol.1 No.5, pp. 441-446.
14. Vidushi Sharma and PrachiBaliyan(2011):Maintainability Analysis of Component Based Systems
 - International Journal of Software Engineering and its Applications Vol. 5. No 3, pp.107-117
15. Vidushi Sharma and Jyoti Sharma: Customer Relationship Management - A Conceptual Framework of Performance Parameters (2010)
 - Global Digital Business Review, vol. 4, no. 1, pp. 51-60, Oct 2010, Maryland, USA.
16. Jain, M. Vidushi Sharma and KritiPriya: Acquisition Policy for Multi-Item Multi-Supplier System with Inventory Capacity Constraint(2008)
 - International Journal of Operations Research, vol. 3, no. 4, pp. 430-443, 2008, Inderscience Publication, USA.
17. Jain, M., Vidushi Sharma and KritiPriya (2006): Adaptive Batching Scheme for Multicast Near Video-on-Demand (NVOD) System
 - Journal of Information and Communication Technology, vol. 5, pp. 1-12, 2006, Malaysia.
18. Jain, M., Vidushi Sharma and KritiPriya(2006):Genetic algorithm Based Batching Strategy for Multicasting in Video on Demand (VoD)
 - Edited Book “Information Technology, Operations Research and Computing” (eds. M. Jain and G. C. Sharma) Allied Pub. Pvt. Ltd., pp. 261-269, 2006, New Delhi.
19. Jain, M., Sharma, V. and KritiPriya (2004): Traffic Characterization and Prioritized Channel Assignment Schemes for Wireless Local Loop (WLL)
 - International journal of information and Computing Science, Vol.7, No.1, pp. 14-24, June 2004, Calcutta.
20. Puneet Azad, Vidushi Sharma (2012): A Multi-criterion Approach for Lifetime Enhancement using Pareto Optimal Solution in WSNs
 - Commune Conference on Advancements in Communications & Computing Systems (CACCS 2012), March 2012

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

21. Puneet Azad and Vidush Sharma (2013): Clusterhead Selection using Multiple Attribute Decision Making (MADM) Approach in Wireless Sensor Networks
 22. QSHINE 2013 - 9th International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness, Springer, Gautam Buddha University, 11-12 January, 2013
 23. Puneet Azad and Vidushi Sharma(2012): A Multi-Criterion Approach for Lifetime Enhancement using Pareto- Optimal solution in WSNs
 - Proceedings of Commune Conference on Advancements in Communication &Computing Systems CACCS 2012 March 24-25 pp.40-45.
 24. Vinay Kumar and Vidushi Sharma(2012): Exending Wireless Sensor Network Lifetime through Effective Genetic Algorithm Baesed Approach
 - Proceedings of Commune Conference on Advancements in Communication &Computing Systems CACCS 2012 March 24-25 pp.97-102
 25. Prateek Jain and Vidushi Sharma(2012): Priority Based Scheduling for Cloud Metascheduler
 - Proceedings of Commune Conference on Advancements in Communication &Computing Systems CACCS 2012 March 24-25 pp.97-102.
 26. Brij Mohan Kalra, Vidushi Sharma, AnkitaSinghal, Harsh Kattar (2012): Enhancing Informal Learning Using Web 2.0 Tools
 - Proceedings of International Conference on Innovations and Advancements in Information and Communication Technology ICIAICT 2012 March 30th -31st Vol. IV pp.187-193.
 27. Ajeet Kumar, Vidushi Sharma (2012): A new approach to Network based Intrusion Detection and Prevention System (NIDPS) to Ensure the Confidentiality of an Organisation
 - Proceedings of International Conference on Innovations and Advancements in Information and Communication Technology ICIAICT 2012 March 30th -31st pp.187-193.
 28. Prateek Jain and Vidushi Sharma(2012): An interoperable framework for cloud development & estimation using Cloud Client
 29. Proceedings of International Conference on Education and Research 5th CSI conference Jan12-13 Lingaya University. pp. 81-85.
 30. Vinay Singh and Vidushi Sharma (2011): On the Hybridization of Evolutionary Algorithms and Optimizing Techniques
 - Proceedings of National Conference Commune CACCS conference e-proceedings
<http://www.thecommune.info/index.php/commune2011/caccs2011/schedConf/presentations>
 31. HemaKashyap, Rohit Singh and Vidushi Sharma (2011) : A route to Hybrid Engineering Approach
 - Proceedings of National Conference Commune CACCS conference e-proceedings
<http://www.thecommune.info/index.php/commune2011/caccs2011/schedConf/presentations>
 32. Jain, M. Vidushi Sharma and KritiPriya : Optimal Channel allocation in a Cellular Network with Directed Retry Scheme for Voice calls (2009)
-

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- International Conference Electronic Proceedings “ APORS 2009”
Url : <http://www.apors2009.com/pdf/MadhuJain2.pdf>, Dec 6-9 , Jaipur, 2009.
- 33. Jain, M., Sharma V.: Article “Infotainment Future with Video-on-Demand”(2008)
 - Proceedings of National Seminar on Reconfiguring Marketing in the changing Business Landscape, I.T.S Ghaziabad, January 11-12, pp. 193-202, 2008.
- 34. Kamal K. Gupta, Vidushi Sharma, KritiPriya : “ E-Learning : A Tool to Increase ROI for Training”(2004)
- 35. Journal PRANJANA, Integrated Academy of Management and Technology, pp. 41-45, vol 7, no. 2, 2004.
Sharma V. Article of Knowledge management
 - ITS quarterly newsletter Vol. 6, No. 2, pp. 3-4.

➤ Papers Presented in Conferences:

1. Jain, M. Vidushi Sharma and KritiPriya: “Mathematical Models for Cellular Mobile Systems with Integrated Traffic”(2003).6th International conference of APORS (Asia Pacific Operations Research Society) held at New Delhi 8-11, Dec.’ 03
2. Jain, M. Vidushi Sharma and KritiPriya: “Optimal Channel Allocation of Optical Networks with Directed Retry in Voice Calls”(2009). APORS 2009 International conference on theme :Operation Research for Emerging Economies held at Jaipur, 6-9 Dec, 2009.
3. Vidushi Sharma, Madhu Jain: “Infotainment future with VOD”(2008):National Conference on Reconfiguring Marketing in the Changing Business Landscape held at I.T.S Ghaziabad, 11-12 January, Ghaziabad, 2008 .
4. Jain, M. Vidushi Sharma and KritiPriya: Mathematical model of Wireless local loop with integrated traffic (2004)National conference on Operation Research, IT and Computing (Interdisciplinary trends in performance modelling) held at Agra from 10-12 April’ 04.
5. Jain, M. Vidushi Sharma and KritiPriya: Performance modeling in Photonic Networks(2004) Attended National conference on Operation Research, IT and Computing (Interdisciplinary trends in performance modelling) held at Agra from 10-12 April’ 04.
6. Vidushi Sharma, Manu Singh: "An Insight Towards the Analysis of Legacy Systems" in the Two day International Conference (IC-2011) on "India Emerging : Opportunities And Challenges" organized by the Indus Business Academy , Greater Noida in association with Computer Society of India and Ghaziabad Management Association on February 25th and 26th, 2011.
7. Vidushi Sharma, Manu Singh: "Cost Benefit Analysis in Reengineering of Legacy Systems"(2011) in the Two day National Level Seminar on "Improving Profitability of Small and Medium Enterprises" organized by the Institute of Advanced Management and Research , Ghaziabad in association with Computer Society of India and Ghaziabad Management Association on February 5th and 6th, 2011.
8. Vidushi Sharma, Manu Singh: "Requirement Specific Approach Towards Cost of Software Reengineering"(2011) in the National Conference on "Emerging Trends for Future Challenges " organized by Institute of

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Management Studies, Noida in association with Council of Scientific & Industrial Research (CSIR) New Delhi SIG-WNs Computer Society of India & CSI Noida Chapter on March 25th & 26th, 2011.

9. Vidushi Sharma, PrachiBaliyan: "Maintainability Model for Componet Based System "(2011) in the National Conference on "Emerging Trends for Future Challenges " organized by Institute of Management Studies, Noida in association with Council of Scientific & Industrial Research (CSIR) New Delhi SIG-WNs Computer Society of India & CSI Noida Chapter on March 25th & 26th, 2011.
10. Vinay Kumar Singh, Vidushi Sharma: "On the Hybridization of Evolutionary Algorithms and Optimization Techniques" in the National Conference on advancement, computing and Signal Processing, organised by Gautam Buddha University Greater Noida on 16-17th April' 2011.
11. Vinay Kumar Singh, Vidushi Sharma: "Energy Efficient routing for Wireless Sensor Networks using Genetic Algorithms" in the International Conference IIT Rourkee 5th – 7th December 2011

➤ **Book Published :**

- **Traffic Management and Performance Evaluation of Information Systems, Lambert Academic Publishing , March 2015**
- Computers Application in Management, VardanPublication , 2009.

Anurag Singh Baghel

**School of ICT, Gautam Buddha University, Greater NOIDA
Research Publications**

Published in refereed international journals: -

- DiptiArora, and Anurag Singh Baghel (2015), "Application of Genetic Algorithm and Particle Swarm Optimization in Software Testing", IOSR Journal of Computer Engineering (IOSR-JCE), Vol. 17, Issue 1, Ver. II, 75-78.e-ISSN: 2278-0661, p-ISSN: 2278-8727.
- DiptiArora, and Anurag Singh Baghel (2015), "A Hybrid Meta-heuristics Technique for Finding Optimal Path by Software Test Case Reduction", International Journal of HIT Vol.8, No.4 (2015), 35-40 ISSN: 1738-9968.
- Saoumya, Anurag Singh Baghel (2015), "A Predictive Model for Mapping Crime Using Big Data Analytics", International Journal of Research in Engineering and Technology, Vol. 04, Issue: 04, 344-348, eISSN: 2319-1163 | pISSN: 2321-7308.
- RanjeetRanjan, Anurag Singh Baghel, and Sushil Kumar (2012)." Improvement of NTRU Cryptosystem ", International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 2, Issue 9, 79 – 84, www.ijarcse.com, ISSN: 2277 128X
- Varun K Rajpoot, Pragya Siddhi, and Anurag Singh Baghel (2012), "Enhancement Of Y-Model For Service-Oriented Model".International Journal of Advanced Research in IT and Engineering, Vol. 1, No. 1, 31-51, www.garph.co.uk, ISSN: 2278 6244
- Alok Singh and Anurag Singh Baghel (2009), "A New Grouping Genetic Algorithm Approach to the Multiple Traveling Salesperson Problem". Soft Computing, Vol. 13, No. 1, 95–101, Springer Verlag, Berlin. ISSN: 1432-7643, **Impact Factor – 1.328**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- Alok Singh and Anurag Singh Baghel (2008), “New Metaheuristic Approaches for The Leaf-Constrained Minimum Spanning Tree Problem”. Asia-Pacific Journal of Operational Research, Vol. 25, No. 4, 575–589, World-Scientific. ISSN: 0217-5959, **Impact Factor – 0.457.**

Published in proceedings of refereed international conferences: -

- Chirag Ahuja, Anurag Singh Baghel, Gotam Singh (2015), "Detection of Nude Images on Large Scale Using Hadoop", 2nd IEEE International Conference on Computing for Sustainable Global Development (INDIACoM-2015), ISBN 978-9-3805-4415-1, ISSN: 0973-7529, pp 849 – 853; 2.329-2.333.
- Sonulal Gupta and Anurag Singh Baghel (2015), “A Survey on Big Data: Exploring New Dimensions”, 2nd IEEE International Conference on Computing for Sustainable Global Development (INDIACoM-2015), ISBN 978-9-3805-4415-1, ISSN: 0973-7529, 8.70-8.75
- Reetika Nagar, Arvind Kumar, Sachin Kumar and Anurag Singh Baghel (2014). “Implementing Test Case Selection and Reduction Techniques using Meta-Heuristics”. IEEE International Conference on The Next Generation Information Technology Summit (CONFLUENCE – 2014), September 25-26, 2014, at Amity University, Noida. (**IEEE Conference Record #33936 , ISBN: 978-1-4799-4236-7**) [Accepted]
- Arvind Kumar, Reetika Nagar and Anurag Singh Baghel,(2014). “A Genetic Algorithm Approach to Release Planning in Agile Environment”. IEEE International Conference on Information Systems and Computer Networks (ISCON – 2014), March 01-02, 2014, at GLA University, Mathura. (**IEEE Conference Record # 32561, ISBN: 978-1-4799-2981-8**)
- Kuldeep Kumar Tomar and Anurag Singh Baghel (2012). “New Software Reusable Component Certification Approach to Enhance the Quality of Software”. Proceedings of the 1st International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT-12), Vol 1, pp. 189-195. ISBN: 978-93-81583-34-0.
- Varun Rajput and Anurag Singh Baghel (2012). “Development Model for Service Oriented Software”. Proceedings of the 1st International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT-12), Vol 1, pp. 49-54. ISBN: 978-93-81583-34-0.
- Alok Singh and Anurag Singh Baghel (2007). “A Hybrid Evolutionary Approach to the Quadratic Knapsack Problem”. Proceedings of the 3rd Indian International Conference on Artificial Intelligence (IICAI-07), pp. 200-208, ISBN: 978-0-9727412-2-4.
- Alok Singh and Anurag Singh Baghel (2007), “A New Grouping Genetic Algorithm for Quadratic Multiple Knapsack Problem”, **LNCS – 4446, pp. 210-218, ISBN: 978-3-540-71614-3, Springer - Verlag.**
- Alok Singh and Anurag Singh Baghel (2007). “New Heuristics for the Quadratic Knapsack Problem”.Proceedings of the International Conference on Intelligent Systems & Networks (IISN-2007), pp. 337-340.

Published in proceedings of refereed national conferences: -

- Kuldeep Kumar, Anurag Singh Baghel, and Dinesh Kumar (2011). “Process of Software Component Certification”. National Conference On

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Recent Trends in Synthesis and Applications of Advanced Materials
(RTSAAM-2011).

Dr. Neeta Singh
Assistant Professor, SOICT

PUBLICATIONS:

International:

- P Verma, **N Singh** (2015): An Analytical Review of the Algorithms Controlling Congestion in Vehicular Networks, Volume 17, Issue 3, IOSR Journal of Computer Engineering (IOSR-JCE), PP 32-41
- K.G. Mukesh and **N. Singh** (2015): “Routing and Security Issues for Trust Based Framework in Mobile Ad Hoc Networks”, Vol. 17, Issue 3, pp 1-5, IOSR Journal of Computer Engineering (**IOSR-JCE**) ESCI Indexed
- Rao, Meena and **N. Singh**(2015): Design and Development of MANETs with Quality of Service Parameters, **International Journal of Engineering And Computer Science** ISSN:2319-7242 Volume 4 Issue 5 May 2015, Page No. 12237-12244
- Rao, Meena and **N. Singh**(2015): “Routing Issues in Mobile Ad Hoc Networks: A Survey”, **International Journal of Computer Science Trends and Technology (IJCST)**, Vol.3, Issue 1, p. 200-205.
- Rao, Meena and **N. Singh** (2015): “Performance Evaluation of Multimedia Transmission in MANETs for AODV nthBR Routing Protocol”, **Advances in Computer Science and Information Technology (ACSIT)**, Vol. 2, No. 6, p. 527-529.
- Rao, Meena and **N. Singh** (2014): “An Improved Routing Protocol (AODV nthBR) for Efficient Routing in MANETs”, , **Advance Computing, Networking and Informatics**, Vol. 2, Smart Innovations Systems and Technologies, ISSN2190-3108, **Springer**
- Rao, Meena and **N. Singh** (2013): Routing Challenge in Mobile Ad Hoc Networks, International journal of Information and Computation Technology (IJICT), ISSN 0974-2239, Vol 3, No.1.
- NK Verma, **N Singh**, R Gautam(2013): Performance Analysis Of Web Services By Using J Meter Performance Tool, **International Journal of Engineering And Computer Science**, ISSN:2319-7242 Volume 2 Issue 5 May, 2013 Page No. 1449-1452
Kumar, S., **Singh**, N. and Kumar, A. (2011), “Classification of Software Quality Attributes for Service Oriented Architecture”, CCIS 169, pp. 46-51, 2011. **Springer**
<http://www.springerlink.com/content/l00818p127707453/>
- **Singh, N.** and Jain, M. (2011): “Buffering Schemes for Video Server in Video-on-Demand (VoD) System with Low User Delay”, Published in International Journal of Information and Computing, vol. 13, no. 2, pp 57-65.
- Jain, M. and **Singh, N.** (2010): Call admission control and blocking probability estimations in PCS networks using neuro fuzzy approach. Published in International Journal of Information and Computing, Vol. 13, No. 1, pp. 46-56.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- Jain, M. and **Singh, N. (2006)**: M/M/1 Queue With Working Vacation In Wireless Access Networks. Published in **CSI**. Vol. 36, No. 4.

Book

- Traffic Management Models For Wireless Communication Network, LAP Lambert Academic Publishing (**2015-01-05**), ISBN-13: 978-3-659-61437-8.

Book Chapter (1)

- Jain, M. and **Singh, N. (2006)**: Delay Analysis of Cellular Mobile Communication Network Supporting Integrated Traffic with Multimedia Services. Published in Edited Book Information Technology, Operations Research and computing (eds. M. Jain and G. C. Sharma) Allied Pub. Pvt. Ltd., New Delhi.

Paper Published in International Conference (7)

- Rao, Meena and **N. Singh (2014)**: Quality of service enhancement in MANETs with an efficient routing algorithm,” **IEEE** International Advance Computing Conference (IACC), ..., 2014 - ieeexplore.ieee.org.
- **N. Singh (2011)**: “Optimal Allocation for Handoff Prioritization in Cellular Radio Network ”, International Congress on Productivity, Quality, Reliability, Optimization and Modelling 2011 during 7-8 February 2011 in Delhi.
- **N. Singh (2011)**: “Performance evaluation of Wideband Wireless Networks”, International Conference on Advances in Modelling, Optimization and Computing (AMOC-2011) IIT Roorkee, Roorkee.
- Jain, M. and **Singh, N. (2005)**: Performance Analysis in Multi Layer Cellular Network With Integrated Traffic. Published in proceedings of the 37th Annual Convention Vision 2020: The Strategic Role of Operational Research. pp 92-115.
- Jain, M., **Singh, N.** and Priya, K. (2003): “Performance Analysis of Video Server in Video-on-Demand (VoD) System”, Published in proceedings of APORS 2003: Sixth International Conference of the Association of Asia Pacific Operational Research Societies within IFORS, New Delhi, pp. 55.
- Jain, M. and **Singh, N. (2003)**: “Performance Analysis of Wireless Local Loop (WLL) with Integrated Traffic”, Published in Souvenir of National Conference on Modern Mathematics: Applications to Information Technology sponsored by U.G.C. and organized by R.B.S. College Agra, pp.45.

Conferences Attended (6)

- International Conference on High Performance Architecture and Grid Computing (HPAGC-2011)on July 19-20, 2011,in Punjab, to be present Classification of Software Quality Attributes for Service Oriented Architecture.
- IADIS International Conference IADIS Wireless Applications and Computing 2010 during **26- 28 July 2010 in Freiburg, Germany** and presented paper entitled “Optimal Policy for Retrial Single Server Queue with Reneging”.

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- International Conference on Operations Research Applications in Infrastructure Development held at J N Tata Auditorium, Indian Institute of Science, Bangalore on Dec 27-29, 2005 and presented paper entitled “Queueing Modeling of Wireless Local Loop (WLL)” and “Channel Allocation in Multilayer Cellular Networks”.
- Sixth International Conference of the Association of Asia-Pacific Operational Research Societies with in IFORS held at Delhi during December 8-11, 2003 and presented a paper entitled “Performance Analysis of Video Servers in (VoD) Video on Demand”.
- 37th Annual Convention Vision 2020: The Strategic Role of Operational Research Societies, Ahmedabad held on January 8-11, 2005 and presented paper entitled “Performance Analysis in Multi Layer Cellular Network with Integrated Traffic”.
- BharataGanitaParisad, held at Lucknow on November 13-14, 2005 and presented paper entitled “Markovian Queue with Randomly Changing Arrival Rates and a Resume Level Under N-Policy”.

National Conference (2)

- National Conference on Information Technology, Operations Research and Computing held at Grand Hotel, Agra on April 10-12, **2004** and presented paper entitled “Delay Analysis of Cellular Mobile Communication Network Supporting Integrated Traffic with Multimedia Services”.
- National Conference on Modern Mathematics: Application to Information Technology held at Agra during 8 - 9 March, **2003** and presented a paper entitled “Performance Analysis of Wireless Local Loop (WLL)”.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PRADEEP TOMAR, Ph.D.

Assistant Professor

PUBLICATIONS

INTERNATIONAL JOURNALS

- Kaur, J. and **Tomar, P.** (2015). “**Four Tier Architecture of Component Selection Process using Clustering**” International Journal Software Engineering, Technology and Applications, Inder Science Publication. (Under Press).
- Kaushik, S. and **Tomar, P.** (2015). “**Evaluation of Similarity Functions by using User based Collaborative Filtering approach in Recommendation Systems**” International Journal of Engineering Trends and Technology, ISSN 2331-5381, Vol. 21, No. 4, pp.194 – 200.
- Khandelwal, J. and **Tomar, P.** (2015). “**Automated Test Data Generation Process Through Path Testing for Aspect-Oriented Programming**” International Journal of Engineering and Technical Research, ISSN 2321-0869, Issue 2, Vol. 3, pp.234 – 237.
- Singh, A., **Tomar, P.** (2014). “**Parameters Estimation of Goel’sOkumoto Model using Simulated Annealing**” International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), Issue 10, Vol. 4, pp.369 – 373.
- Singh, A., **Tomar, P.** (2014). “**Estimation of Component Reusability through Reusability Metrics**”, World Academy of Science, Engineering and Technology, International Science Index 95, International Journal of Computer, Information, Systems and Control Engineering, Vol. 8 no. 11, pp.1729 - 1736.
- Tomar, D. and **Tomar, P.**, (2014), “**Reliability Estimation of Component-Based Software through Interaction Based Model**”, American International Journal of Research in Sciences, Technology, Engineering and Mathematics, ISSN (Print): 2328-3491, ISSN (Online): 2328-3580, ISSN (CD-ROM): 2328-3629, pp. 228-231. <http://www.iasir.net>.
- Yadav, K., and **Tomar, P.**, (2014), “**Design of Metrics for Component-Based Software System at Design Level**”, International Journal of Engineering and Technical Research, ISSN: 2321-0869, Volume-2, Issue-4, pp.285-289. www.erppublication.org
- Kumar, S., **Tomar, P.**, Nagar, R. and Yadav, S., (2014), “**Coupling Metrics to Measure the Complexity of Component-Based Software Through Interfaces**”, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 4, ISSN: 2277 128X, pp.285-289. www.erppublication.org.
- Chaudhary, A. and **Tomar, P.**(2014), “**Software Reliability Estimation and Distributing Testing Effort in Component Based Software**”, International Journal of Advanced Research in Computer

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Science and Software Engineering, Volume 4, Issue 4, ISSN: 2277 128X, pp.927-931. www.erpublication.org.

- **Tomar, P.** and Gill, N. S., (2013), “**New Algorithm for Component Selection to Develop Component-Based Software with X Model**”, International Academic Journal Lecture Notes in Engineering, LNSE 2013 Vol. 1(3): 298-302 ISSN: 2301-3559, pp. 208-302,<http://www.lnse.org/show-29-76-1.html>.
- **Tomar, P.** and Gill, N. S. (2013), “**Component Selection Methods To Improve Reusability Through X Life Cycle Model In CBSE**”, International Journal of Software Engineering, Vol. 1, Issue 1, ISSN: 2321-8711, pp. 49-54.
- Annu; **Tomar, P.** and Verma, A., (2013), “**Comparison of Agile Software Development Methodologies to Select Best Combination of Methodologies for Future Software Development**”, International Journal of Software Engineering, Vol. 1, Issue 1, ISSN: 2321-8711, pp. 55-59.
- Soni, G.; **Tomar, P.** and Upadhyay, A.(2012). “**Analysis of Software Quality Attributes through Aspect-Oriented Programming**”, International Journal of Scientific & Engineering Research, Volume 3, Issue 12, http://www.ijser.org/ResearchPaperPublishing_December2012_Page4.aspx.
- Kaur, J. and **Tomar, P.** (2012) “**Software Component Selection as Multiobjective Optimization Problem**”, Journal of Global Information Technology, Vol. 7, Number 1 & 2, ISSN 1931-1962, pp. 13-17.
- **Singh, A. P. and Tomar, P.** (2012) “**Effect of Component Reusability on Quality of Component-Based Software**”, Journal of Global Information Technology, Vol. 7, Number 1 & 2, ISSN 1931-1962, pp. 24-29.
- Kumar, P. and **Tomar, P.** (2014). “**Requirements of Dynamic Metrics to Measure the Behaviors of Component-Based Software**”, Journals of Software Engineering Tools and Technology Trends, Vol. I, Issue 2, pp.01-04.
- Singh, A. P. and **Tomar, P.** (2014). “**A Fuzzy Logic Approach to Measure the Complexity of Component-Based Software**”, Journals of Software Engineering Tools and Technology Trends, Vol. I, Issue 2, pp.01-08.
- Verma, G and **Tomar, P.** (2013). “**Predicting Quality Using Fuzzy Model on Object-Oriented Software Design**”, The IUP Journal of Computer Science, Issue-I, Vol. VII, No. 4, pp.18-29.
- Kaur, J and **Tomar, P.** (2013). “**Critical Analysis of Existing Solutions for Component Selection Problems in Component-Based Software**”, IMS Manthan: The Journal of Innovation” in Volume-VIII, Issue-I, in “Computer Science & Technology,

- **Tomar, P.** and Gill, N. S., (2013), “**New Algorithm for Component Selection to Develop Component-Based Software with X Model**”, International Conference on Software and Computer Applications, Paris, France and paper published in LNSE 2013 Vol.1(3): 298-302 ISSN: 2301-3559, pp. 208-302,<http://www.lnse.org/show-29-76-1.html>. (**Best Paper Presentation Award**)
- **Tomar, P.**; Sharma, D. K. and Sharma, H.(2012). **Designing an Intelligent System Using Greedy Algorithm for Active Portfolio Management**, proceedings of 2012Annual Conference, The Metro Points Hotel, New Carrollton, Maryland, USA, Vol. 6, ISSN: 1941-9414, No. 1, pp. 145-150.
- Soni, G.; **Tomar, P.** and Verma A.(2013). **Analysis and Evaluation of Aspect Mining Techniques on Requirements to Improve Reusability**, proceedings of International Conference on Emerging Trends and Development in Science, Management and Technology, Raj Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh, INDIA, pp. 192-198.
- Verma, A.; Annu; **Tomar, P.** and Soni G.(2013). **Quantitative Assessments of Aspect And Aspect-Oriented Software Through Coupling Metrics to Improve Software Quality**, proceedings of International Conference on Emerging Trends and Development in Science, Management and Technology, Raj Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh, INDIA, pp. 165-169.
- Annu;Verma, A. and **Tomar, P.** (2013). **Analysis and Critical View of Aspect-Oriented Requirement Engineering Through Agile Development Methodology**, proceedings of International Conference on Emerging Trends and Development in Science, Management and Technology, Raj Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh, INDIA, pp. 186-191.
- Verma, S.; **Tomar, P.** and Garg A. (2013). **Management Technology and Computing Education Helps In Strengthening Women of Self Help Groups**, proceedings of International Conference on Emerging Trends and Development in Science, Management and Technology, Raj Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh, INDIA, pp. 1-7.
- Singh, A. P. and**Tomar, P.** (2013). **A New Model for Reliability Estimation of Component-Based Software**, proceedings of 3rd IEEE International Advance Computing Conference (IACC-2013), Ajay Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh, INDIA. (**Indexed in IEEE Xplore**, <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6514437&isnumber=6506800>
- Soni, G.; Upadhyay, A.; Singh, A. and **Tomar, P.** (2012), **Impact of Aspect-Oriented Programming over Object-Oriented Programming**, proceedings of International Conference on “2012 Emerging Paradigms and Practice in Information & Communication Technology and Management

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(2012 EPPICTM)" at the School of Information and Communication Technology, GautamBuddhaUniversity, Greater Noida, UP (India) in collaboration with MTMI, USA, University of Maryland Eastern Shore, USA and Frostburg State University, USA, Vol. 5, ISSN: 1941-9414, No. 1, pp. 480-484.

- Amrita and **Tomar, P.** (2012), **Analysis of Metrics for Component Based System**, proceedings of International Conference on "2012 Emerging Paradigms and Practice in Information & Communication Technology and Management" at the School of Information and Communication Technology, GautamBuddhaUniversity, Greater Noida, UP (India) in collaboration with MTMI, USA, University of Maryland Eastern Shore, USA and Frostburg State University, USA, Vol. 5, ISSN: 1941-9414, No. 1, pp. 442-447.
- Kumar, N. and **Tomar, P.** (2012), **Analysis of Object Oriented Modeling Approaches for Software Development**, proceedings of International Conference on "2012 Emerging Paradigms and Practice in Information & Communication Technology and Management" at the School of Information and Communication Technology, GautamBuddhaUniversity, Greater Noida, UP (India) in collaboration with MTMI, USA, University of Maryland Eastern Shore, USA and Frostburg State University, USA, Vol. 5, ISSN: 1941-9414, No. 1, pp. 411-419.
- Anjali; Bhati, J. P.; Gautam R. and **Tomar, P.** (2012), **An Overview of New Approach to Software Requirement Elicitation Process**, proceedings of International Conference on "2012 Emerging Paradigms and Practice in Information & Communication Technology and Management" at the School of Information and Communication Technology, GautamBuddhaUniversity, Greater Noida, UP (India) in collaboration with MTMI, USA, University of Maryland Eastern Shore, USA and Frostburg State University, USA, Vol. 5, ISSN: 1941-9414, No. 1, pp. 420-431.
- Kumar, P. and **Tomar, P.** (2012), **Investigation and Evaluation of Software Metrics Used to Solve Component Selection Problem in Component-Based Software Engineering**, proceedings of International Conference on "2012 Emerging Paradigms and Practice in Information & Communication Technology and Management" at the School of Information and Communication Technology, GautamBuddhaUniversity, Greater Noida, UP (India) in collaboration with MTMI, USA, University of Maryland Eastern Shore, USA and Frostburg State University, USA, Vol. 5, ISSN: 1941-9414, No. 1, pp. 432-436.
- Kumar, D.; **Tomar, P.** and Gill, N. S. (2012), **A Semantic Analysis of Component-Based Web Services Framework for Component Based Software**, proceedings of 1st International Conference on "Innovations and Advancements in Information and Communication Technology" organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 25-32.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- Dhankad, S.; Baliyan, N.; Sangwan, O. P. and **Tomar, P.** (2012), **A New Process To Enhance the Maintainability of Component-Based Software**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 61-69.
 - Verma, A.; Uppadhyay, A.; Yadav, A. and **Tomar, P.** (2012), **Evaluation of Component Selection by using Genetic Algorithm**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 106-109.
 - Singh, A. P.; Kumar, E. and **Tomar, P.** (2012), **A Classified Survey of Component-Based Software Engineering**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 128-136.
 - Kaur, J. and **Tomar, P.** (2012), **Evaluation of Component Selection Techniques and Factors in Component-Based Software Development**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 169-173.
 - Kumar Singh, S.; **Tomar, P.** and Gill, N. S. (2012), **New Hybrid Scheduling Algorithm Based on Priority and Shortest Job First Scheduling**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 174-180.
 - Amrita; **Tomar, P.**; Verma, P. and Kumar, A. (2012), **Investigation of Component Selection Problems Through Component Selection Algorithms**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 203-209.
 - Kashyap, H.; **Tomar, P.** and Gill, N. S. (2012), **A Comparative Analysis of Aspect Mining Approaches**, proceedings of 1st International Conference on “Innovations and Advancements in Information and
-

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Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 239-244.

- Yadav, A. and **Tomar, P.** (2012), **Review and Analysis of Aspect-Oriented Programming Based Framework to Reduce the Structural Conflict**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology” organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Chapter Noida, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 252-256.
- Kumar, P. and **Tomar, P.** (2012), **Review of Software Component Complexity Metrics to Evaluate the Performance of Software Component in Component-Based Software Engineering**, proceedings of 1st International Conference on “Innovations and Advancements in Information and Communication Technology”, organized by SICT, Gautam Buddha University, Greater Noida, U.P., INDIA in collaboration with CSI, Noida Chapter, Noida, U.P., INDIA, Vol. I, ISBN: 978-93-81583-34-0, pp. 257-262.
- Singh, A. P.; **Tomar, P.**; Kaur J.;and Amrita(2013). **Estimation and Evaluation of Component Reusability by selecting appropriate Component Selection Methods**, proceedings of International Conference on Emerging Trends and Development in Science, Management and Technology, Raj Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh, INDIA, pp. 460.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Faculty Member: DR. ARUN SOLANKI

International Journal

1. Barkha and A. Solanki, “ Disassembly for code clone Detection System”, Journal of Software Engineering Tools & Technology Trends , vol 2, issue 2, pp 1-5, 2015.
2. J. Singh, A. Solanki “An Improved Genetic Algorithm on MapReduce Framework Using Hadoop Cluster for DNA Sequencing” International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 5, Issue 6, 2015.
3. V. Rastogi and A. Solanki, “ A Classification Based Target Specific Expert System for Cotton Crop”, Journal of Agroecology and Natural Resource Management , vol. 2, issue 2, pp. 134-140, 2015.
4. P. Jain and A. Solanki, “ A Hybrid Approach for Test Path Generation and Prioritization Using Depth First Search and Tabu Search Algorithm”, Journal of Software Engineering Tools and Technology Trends, vol. 2, issue 2, pp. 7-20, 2015.
5. D. Kumar and A. Solanki, “ Hybrid Framework to Remove the Risks Involved in Functional Requirements for Component Selection From Component Repository”, Journal of Computer Technology and Applications, vol. 6, issue 2, pp. 14-20, 2015.
6. A. Solanki and E. Kumar, “Design and Development of Web Enabled Fuzzy Expert System Using Rule Advancement Strategy”, International Journal of Intelligent Systems Design & Computing, Inderscience Pub. (Accepted, 2014)
7. A. Solanki and E. Kumar, “Design and Development of Web-Based Fuzzy Expert System for Diseases Diagnosis in Horticulture Sector: A Case Study of Flower Rose”, Journal of Computer Technology and Application, vol. 4, issue 1, pp. 5-15, 2013.
8. A. Goel, A. Solanki and E. Kumar, “An Online Fuzzy Expert System Using Rule Advancement Strategy for Specific Domain”, Cyber Times International Journal of Technology and Management, vol. 6, issue 1, pp. 135-140, 2013.
9. A. Singh, A. Solanki, “Dynamic Knowledge Acquisition Process of online Fuzzy Disease Diagnosis Expert System for Home Pets ”, International Journal of Computer Science Engineering, vol. 2, issue 2, pp. 262-270, 2013.
10. A. Solanki and E. Kumar, “A Novel Frame Work for Knowledge Management Platform Based Fuzzy Expert System”, Review of Business and Technology Research, vol. 5, no.1, pp. 564-574, 2012.
11. A. Solanki and E. Kumar, “A Web Enabled Fuzzy Expert System Shell for Flower Rose”, Journal of Computer Technology and Application, vol. 2, issue 2, pp. 12-21, 2011.

12. E. Kumar and A. Solanki “A Combined Mining Approach and Application in Tax Administration”, International Journal of Engineering and Technology, vol. 2, issue 2, pp. 38-44, 2010.

International Conference

1. A. Solanki and E. Kumar, “A Novel Technique for Rule Advancement in Fuzzy Expert System Using Einstein Sum”, proceedings of 4th International Conference Confluence 2013: The Next Generation Information Technology Summit, indexed in IET/IEEE digital library, pp. 62-68, 2013.
2. A. Singh, A. Goel, A. Solanki “Evaluation of fuzzy logic mechanism in fuzzy expert systems to improve the decision making process” International Conference on Emerging Trends and Developments in Science, Management and Technology, RKGIT, GZB, 2013.
3. A. Solanki and E. Kumar, “MaizExpert: Online Fuzzy Expert System for Maize”, proceedings of International Conference on Optimization Modeling and Applications at University of Delhi, New Delhi, vol. II-2, pp. 29, 2012.
4. A. Solanki, B. Kumar “A Novel Framework For Test Data Generation Using Genetic Algorithm”, ICIAICT’12, vol. 1, 156-168, 2012.
5. B. Kumar, A. Solanki “A Comparative Analysis of Various Software Reliability Prediction Models”, RATE, 2012.
6. A. Solanki and E. Kumar, “Design and Development of an Inference Engine of Knowledge Based Fuzzy Expert System for Horticulture Sector”, proceedings of International Conference on Innovations and Advancements in Information and Communication Technology, vol. 2, pp. 226-232, 2012.
7. A. Solanki and E. Kumar, “Online Query Submission for Deep Web in Specific Domains”, proceedings of 2nd International Conference on Computer Engineering and Technology, Chengdu, China, indexed in IEEE Digital Library, vol. 3, pp. 32-34, 2010.

National Conference

1. D. Bansal, A. Solanki “ Retrieval and Clustering of Web Documents using Fuzzy Technique” National conference on advanced computing technologies, pp.316-320, 2013
2. A. Solanki and E. Kumar, “Critical Study of Expert System Development Paradigms”, proceedings in Conference on Advancement in Communication Computing and Signal Processing, pp.69-71, 2011.
3. A. K. Solanki, A. Solanki, S. Singh “Deep Web: Present and Future- A Review” paper published in proceedings of national Conference ETCS-09 at MIET Meerut, U.P. India.

Dr. Sandhya Tarar

a. International Journal – 13

1. Lata Bharti, Sandhya Tarar, AmitaDhariwal, A Hybrid Approach Cryptostegno Using Improved Chaos Based Sblock, International Journal Of Advanced Research In Computer Science And Software Engineering, 2014.
 2. Lata Bharti, Sandhya Tarar, AmitaDhariwal, “A Survey On SteganalyticSteganographic Approach”, International Journal of Engineering & Management Research,2014.
 3. Anjali Chauhan, Sandhya Tarar, “Edge Preserving Image De-noising using Adaptive Thresholding”, Journal of Image Processing & Pattern Recognition Progress, 2014.
 4. Anjali Chauhan, Sandhya Tarar, "Comparative Analysis of Wavelet Thresholding for Image Denoising using Discrete Wavelet Transform" , Signal Processing, Elsevier (Communicated)
 5. Subiya Zaidi, Sandhya Tarar, “To Evaluate the Performance of Fingerprint Enhancement Techniques”, WSEAS Transactions on Information Science and Applications. (Communicated)
 6. AmitaDhariwal, Sandhya Tarar, Lata Bharti, “Re-inforcement Learning in multi agent System with Transfer Learning”, WSEAS Transactions on Computer. (Communicated)
 7. Sandhya Tarar, “Latent Fingerprint Matching using Extended Features”, World Scientific and Engineering Academy and Society Transactions on Information Science and Applications, Athens, Greece, 2014.
 8. DeepaBharti, SandhyaTarar and Karan Singh, “Secure Multicast Model for Social Networking”, International Journal JMDET-08-01-103, Vol8, issue 1 Bharti Vidyapeeth University Pune, India, 2014.
 9. Sandhya Tarar, Ela Kumar, “Fingerprint Mosaicking Algorithm to Improve the Performance of Fingerprint Matching System”, Universal Journal of Computer Science and Information Technology, USA, Volume 2 (3): 142- 151, Feb 2014.
 10. Sandhya Tarar, Dr. Ela Kumar, “Fingerprint Image Enhancement: Iterative Fast Fourier Transform Algorithm and Performance Evaluation”, International Journal of Hybrid Information Technology, SERSC, South Korea, Volume 6, Issue 4, July 2013.
- http://www.hrpublishing.org/journals/article_info.php?aid=1330

- 11.** Sandhya Tarar, Ashish Kumar, Ela Kumar, “A Fingerprint Watermarking Algorithm to Enhance The Privacy Of Fingerprint Data”, WSEAS Transactions On Information Science and Applications, Issue 8, Volume 9, August 2012, pp 231-240.

<http://www.wseas.org/multimedia/journals/information/2012/55-447.pdf>

- 12.** Sandhya Tarar, Dr. Ela Kumar, “Modelling and Simulation of Autonomous Vehicle Management System using Fuzzy Set Theory”, International Journal of Current Trends in Information Technology (IJCTIT), Volume 2, Issue 1, April 2012, Pages39-47.
- 13.** Sandhya Tarar, “Design Paradigm and Risk Assessment of Hybrid Re-engineering with an approach for development of Re-engineering Metrics” International Journal of Software Engineering & Applications (IJSEA), 2011.

b. No. of International Conferences-06

- 1.** Deepa Bharti, Sandhya Tarar, Karan Singh “Multicast Model based on grouping for Access Control in Online Social Networks” International Conference for Data Acquisition, Transfer, Presentation and Management (DATPM2014), 28th -29th March 2014, Lingaya’s University, Nachauli, Faridabad, India.
- 2.** Sandhya Tarar, Dr. Ela Kumar, “Design and Implementation of Fingerprint Image Enhancement Algorithm by using Iterative Fast Fourier Transform”, Innovations and Advancements in Information and Communication Technology (ICIAICT), Gautam Buddha University, Greater Noida, India, 30-31 March 2012.
- 3.** Sandhya Tarar, Prof. Sanjay Jasola, “Modeling and Simulation of Fuzzy Inference System” , 2nd International Conference on Software Technology and Engineering, IEEE ICSTE, San Juan, Puerto Rico, USA, Oct 3-5, 2010, 17-20.
- 4.** Sandhya Tarar, “Speech Analysis: Desktop Items Activation Using Dynamic Time Warping Algorithm”, The third IEEE International Conference on Computer Science and Information Technology, Chengdu, China, July 9-11, 2010, 653-656.
- 5.** Sandhya Tarar, AjeetPratap Singh, Shekhar Singh, “Speech Recognition Approach : Desktop Items Activation with Hidden Markov Model”, The third IEEE International Conference on Computer Science and Information Technology, Chengdu, China, July 9-11, 2010, 657-660.
- 6.** Sandhya Tarar, AjeetPratap Singh, Shekhar Singh, “Speech Recognition Approach : Desktop Items Activation with comparative Analysis”, ACS'10 Proceedings of the 10th WSEAS International

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Conference on Applied Computer Science, Iwate Perfectural University, Japan, Oct 4-6, 2010, 44-48 and published in ACM Digital Library with this url : <http://portal.acm.org/citation.cfm?id=1895274>.

c. No. of National Conferences-06

1. Sandhya Tarar, Ela Kumar, “Quality Improvement of FIS by using Fingerprint Watermarking”, National Conference on Cloud Computing-Driving New Initiatives for E-Governance and Education, IILM, Greater Noida, 20th September 2013.
2. Sandhya Tarar, S.P. Singh, Shekhar Singh , “Optimization Techniques and Count Metrics for Human Emotions by using Fuzzy Logic”, National conference on Role of IT & Management in Sustainable Development, I.M.R. Ghaziabad, 26th November 2011.
3. Sandhya Tarar, S.P. Singh, Shekhar Singh , “ Design of Fuzzy Inference System for autonomous vehicle management”, National conference on Role of IT & Management in Sustainable Development, I.M.R. Ghaziabad, 26th November 2011.
4. Sandhya Tarar, S.P. Singh, Shekhar Singh , “Constrained Optimization for Frame-Based Images”, National Conference on “Optimization Techniques Pattern Recognition and Mobile Computing” organized by I.M.R. Ghaziabad, 22-23 Apr’2011.
5. Sandhya Tarar, S.P.Singh, Shekhar Singh, “Emergence of Computing Clouds: Performance Evaluation”, Vth National Conference on Issues & Challenges in Cloud Computing, IMR Ghaziabad, 14th November 2009.
6. Shashank Sharma, Prateek Jain, Sandhya Tarar, , “Software Re-Engineering Strategy Improvement using Hybrid Re-Engineering”, COMMUNE conference on Advancements in Communication, Computing & Signal Processing, School of ICT, Gautam Buddha University, Greater Noida, April 16-17,2011.

AartiGautamDinkar Publications- Journal

- International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (An ISO 3297: 2007 Certified Organization)Vol. 3, May 2014, ISSN (Print) : 2320 – 3765, ISSN (Online): 2278 – 8875Comparison of the MAC Protocols in Vehicular Ad-Hoc Network, NitishShukla, PranjalKatiyar, Nikhil Devgan, Nitesh Kumar, AartiGautamDinker

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- International Journal of Advanced Research in Computer Science and Software Engineering Research Paper, Special Issue: International Conference on Advanced Developments in Engineering and Technology, Volume 4, Issue February 2014 (ISSN: 2277 128X), Improving Testing Architecture for MVC Based Application, VivekKumar&AartiGautamDinker
- International Journal of Advanced Research in Computer Science and Software Engineering Research Paper, Volume 4, Issue 2, February 2014 ISSN: 2277 128X,Special Issue: International Conference on Advanced Developments in Engineering and Technology, Enhancement of Reliability in Object-Oriented Software Reliability Model, Dinesh Kumar &AartiGautamDinker
- International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459 (Online), Volume 4, Special Issue February 2014) International Conference on Advanced Developments in Engineering and Technology (ICADET-14), INDIA. An Approach for Enhance the Software Quality Based on Quality Model Bharat BhushanRohila, AartiGautamDinker

Conference

- AshaKushwaha, SushmitaPandey, AartiGautamDinker, “Blackhole Attack Mitigation Schemes in Wireless Sensor”, in International conference on Recent Advances in Computing, Communication and Electrical Technology (RACCET-2015), IJAESTR, ISSN: 2321-1202, Vol. 3, Issue 1, March 2015.
- SushmitaPandey, AshaKushwaha, AartiGautamDinker, “Overview of Security Attacks in WSN”, in International conference on Recent Advances in Computing, Communication and Electrical Technology (RACCET-2015), IJAESTR, ISSN: 2321-1202, Vol. 3, Issue 1, Mar 2015.
- International Conference on Contemporary Challenges in Management, Technology & Social Sciences at MGIMT, Lucknow, INTEROPERABILITY MECHANISM IN FEDERAL CLOUD COMPUTING FOR EFFICIENT DATA TRANSMISSION, Deepak Kumar &AartiGautamDinker
- International Conference on Contemporary Challenges in Management, Technology & Social Sciences at MGIMT, Lucknow, PERFORMANCE ANALYSIS OF QOS PARAMETERS IN UMTS NETWORK, PankajBhati&AartiGautamDinker
- International Conference on Contemporary Challenges in Management, Technology & Social Sciences at MGIMT, Lucknow, DISTANCE- DENSITY BASED CLUSTERING ALGORITHM FOR LOAD MANAGEMENT IN SELF ORGANIZED WIRELESS SENSOR NETWORK, PratimaArya&AartiGautamDinker

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- International Conference on Contemporary Challenges in Management, Technology & Social Sciences at MGIMT, Lucknow, SOFTWARE RELIABILITY MODELING AND EVALUATION UNDER CLASS LABEL DEFECTS, Ajay Kumar &AartiGautamDinker
- International Conference on Contemporary Challenges in Management, Technology & Social Sciences at MGIMT, Lucknow, AN ENHANCEMENT OF SOFTWARE QUALITY MODEL FOR ORGANIZATIONS, AmitYadav&AartiGautamDinker
- 9th National Conference on Smarter Approaches in computing Technologies &Applications (SACTA-2014), Ghaziabad, India,“Artificial Neural Network Model for Size Estimation using Use Case Point” April 2014, ID: 280314011, Kulvant Singh Gill, Om PrakashSangwan,AartiGautamDinker
- ICRTIT Conference’ “Performance Analysis of Enhanced Mobility Model in Cloud Computing”(Jan.-April 2011), ‘, Anna University, Chennai, for publication in the IEEE Proceeding 2011.

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Annexure -2

Name	Number of papers published in peer reviewed journals (national / international)	Monographs	Chapters	Editions	Books	Number of writers	Citation Index	Range / average	SNI P	SJR	Impact Factor / average	h.- index
Dr.	20	--	01	--	2	18	46/0-6	--	--	.1-2.5	04	

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Vidushi Sharma												
Dr. Anurag Singh Baghel	7	--	--	--	--	15	56 (0-31) / 3.73		1.8 6	1.6 2	0-1.33/.0255	03
Dr. Neeta Singh	11	--	01	--	0	12	15 (0-15)		--	--	--	--
Dr. Pradeep Tomar	15	--	01	--	--	05	51(1-14) / 1.65		--	--	--	05
Dr. Arun Solanki	9	--	--	1	--	--	7		--	--	--	--
Dr. Sandhya Tarar	12						1					
Ms. Aarti GautamDinker	4	--	--	--	--	--	--		--	--	--	--
Ms. Nidhi Gulati	01	--	--	--	--	01	--		--	--	--	--
Total	79		03	1	2	51	(0-56) / 2.23		1.8 4	1.6 2	(4.385 0 - 2.5 / 0.056	05

Annexure - 3

Dr. Vidushi Sharma

Professional Affiliations

- Member IEEE
- Member Computer Society of India (CSI)
- Member The Society of Digital Information and Wireless Communications
- Member International Association of Computer Science and Information Technology

Dr. Anurag Singh Baghel

Professional Affiliations

- Senior Member of Uttar Pradesh Section of IEEE (Membership ID – 92200243) since February 2012.
- Member of IEEE Computational Intelligence Society since February 2012.
- Member of IEEE Communications Society since February 2012.
- Member of several IEEE Communities since February 2012.
- Member Computer Society of India (Member Code 01189582) since October 2012.

Dr. Neeta Singh

Professional Affiliations-

- Life Time Member of BharataGanitaParishad, Lucknow.
- Member of Organizing Committee in the National Conference on Information
- Technology, Operations Research and Computing, Agra. Life Time Member of Indian Society of Technical Education (ISTE),
- Member of Institute of Electrical and Electronics Engineers (IEEE), Membership No.91205234 Member of Computer Society of India (CSI), Membership No. 01061965.
- Member of World Academy of Science, Engineering and Technology (WASET).
- Membership of International Association of Engineering (IAENG), Member ship No: 107237. Senior Member of International Association of Computer Science and Information Technology (IACSIT)

Dr Pradeep Tomar

Professional Affiliations

- Professional membership of Institute of Electrical and Electronic Engineering (IEEE).
- Professional membership of IEEE Computer Society.
- Professional Membership of Association of Computing Machinery (ACM)
- Life membership of Computer Society of India (CSI).
- Life membership of Indian Society for Technical Education (ISTE).
- Membership of International Association of Engineering (IAENG).

- Membership of International Association of Computer Science and Information Technology (IACSIT).

Dr. Arun Solanki

Professional Affiliations

- Life Time Member of ISTE (Indian Society of Technical Education).

Dr. Sandhya Tarar

Professional Affiliations

- Life Time Membership of Indian Society of Technical Education (ISTE) with membership No. LM 66535.
- Life Time Membership of Computer Society of India (CSI) with Membership Code: 00146577.
- Member of International Association of Computer Science and Information Technology (IACSIT) with member no. 80338746.
- Membership of International Association of Engineering (IAENG) with Member No:120034
- Senior Member of Universal Association of Computer and Electronics Engineers UACEE with membership ID SNM1010002625

Annexure – 4

Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs)

S.N.	Theme	Content	Peri od	Coordinator	Resource Person
1. 3 .	National Conference On Advancem ents In Communic ation, Computing And Signal Processing	National Conference	16,1 7 April 2011	Dr. Vidushi Sharma Dr. Pradeep Tomar,	Deepak Panwar
2. 1	1 st Internation al Conference Of Innovation And Advancem ents Of Informatio n & Communic ation Technolog y	Internati onal Conference	30,3 1 Mar ch, 2012	Dr. Pradeep Tomar, Dr. Ela Kumar, Dr. Gurjit Kaur	Dr. Rakesh Kumar, Dr. Omvir Singh
3. 2 .	2012 Internation al Conference on “Emerging Paradigms and Practice in Informatio n and Communic ation Technolog y and Manageme nt”	Internati onal Conference	26- 28 July 2012	Dr. Pradeep Tomar, Dr. Ela Kumar, Dr. GurjitKu ar	Dr. Brahmjit Singh, KUK Dr. Naseed Singh Gill, MDU Dr. Dinesh Sharma, USA Dr. Kamal Narayan Aggarwal, USA
4. 3 502	Internation al Conference on	Internati onal Self Study Report Conference	11- 14 Jan 2013	Dr. Karan Singh Md	Saurabh Mukhopaddhy ey Messas University Newzeland Magda El Zarlc

	Heterogeneous Networking For Quality, Reliability, Security and Robustness			Ashraf Sandeep Sharma Navaid Zafar Rizvi	University of California, USA Anur P. Jayasumana Colorado State University, USA
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Faculty Development Programme

S.N.	Theme	Content	Period	Coordinator	Resource Person
1	“Recent Advancements in Software Engineering and Networking Technologies”	FDP	June 11 – 15, 2012	Dr. O. P. Sangwan, Dr. A. S. Baghel and Dr. Karan Singh	Dr. Nasib Singh Gill Dr. Arvinder Kaur Dr. Pradeep Tomar

Workshops and Training Programs

S.N.	Theme	Content	Period	Coordinator	Resource Person
1. 1 1 .	Training Program on “IBM Rational Rational Seed”	Rational Seed Software	5-8th Oct, 2010	Ms. Sandhya Tarar	Mr. Anup Gaur (Vinsys IT Services India pvt. Ltd)
2. 1 2 .	Workshop on “open Educational Resources &Wikieducators”	Wiki educator	9-11th June, 2010	Dr. Vidushi Sharma	Dr. Sanjay Jasola (Gautam Buddha University, Greater Noida)
3. 1 3 .	Workshop on “IBM-DB2”	DB-2	19-23 th May, 2010	Dr. Karan Singh	Mr. KapilWadhwa IBM India

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4. 5	Workshop on Wireless Communication	Wireless Communication,NS-2	20 April, 2011	Dr. D.K. Panda	Prof. S.M. Ishtiaque Deputy Director,IIT Delhi Prof. S C Dutta Roy, Former Prof. Electrical Engineering Dept. IIT Delhi Adesh Jain, Agilent Technologies India Pvt. Ltd.
5. 6	Impact of IT on Indian Society	IT Impact on current Indian and Global scenario	22 March , 2011	Dr. Ela Kumar	Mr. P.S. Narotra (Director, Ministry of IT) Prof. M.M. Pant (IGNOU) Prof. SonajhariaMinz (JNU) Mr. Vinod Tyagi (DU) Ms. ShrutiKohli (BITS)
6. 7	Training on Ansys Simulation Software	MEMS Design, Sensors & Actuator Design, and Basic Electronics Design	17- 18 Febrary, 2011	Mr. Navaid Zafar Rizvi	Mr. Ramesh Kailash Innovent Engineering Solutions Pvt. Ltd.
7. 8	Training Program on “Computer Networking” Equipments	CISCO Networking Equipments	28- 29th Jan, 2011	Dr. Karan Singh	Mr. Pawan Sharma & Mr. AnshulRohilla(CISCO)
8. 9	Training Program on “Computer Network laboratory Design”	Switching, IP Addressing, Subnet, Routing, Access Mode, Trunk Mode	17- 20th Jan, 2011	Dr. Karan Singh	Mr. J. Maurya(INS Solutions Ltd.)

9. 4	Training on Cadence Design Systems	Analog and Digital VLSI Design Flow, Custom and Semicustom Design (Backend, Frontend to GDSII Generations)	21-22 June, 2011	Mr. Navaid Zafar Rizvi	Mr.ShreyasSamrak sh.J,Cadence Ltd. Mr.JagadishB.V.N, Cadence Ltd.
10. 5	Workshop on Wireless Communication	Wireless Communication,NS-2	20 April, 2011	Dr. D.K. Panda	Prof. S.M. Ishtiaque Deputy Director,IIT Delhi Prof. S C Dutta Roy, Former Prof. Electrical Engineering Dept. IIT Delhi Adesh Jain, Agilent Technologies India Pvt. Ltd.
S.N.	Theme	Content	Period	Coordinator	Resource Person
11. 6	Impact of IT on Indian Society	IT Impact on current Indian and Global scenario	22 March , 2011	Dr. Ela Kumar	Mr. P.S. Narotra (Director, Ministry of IT) Prof. M.M. Pant (IGNOU) Prof. SonajhariaMinz (JNU) Mr. Vinod Tyagi (DU) Ms. ShrutiKohli (BITS)
12. 7	Training on Ansys Simulation Software	MEMS Design, Sensors & Actuator Design, and Basic Electronics Design	17- 18 Febrary, 2011	Mr. Navaid Zafar Rizvi	Mr. Ramesh Kailash Innovent Engineering Solutions Pvt. Ltd.

13. 8 .	Training Program on “Computer Networking” Equipments	CISCO Networking Equipments	28-29th Jan, 2011	Dr. Karan Singh	Mr. Pawan Sharma & Mr. AnshulRohilla(CISCO)
14. 2 .	Workshop on software reliability and testing	Software technologies and reliability engg.	2-3 September, 2011	Dr. O.P. Sangwan	Mr. M. Sharma CEO GAinfotech, Noida Prof . N.S. Gill Prof R B Mishra IIT Kahargpur
15. 1	Demo on Monosek	1. About Monosek 2. Concept of Network data management	7-02-2012	Dr. Karan Singh	Mr. M.S. Phadke Mr. H.I. Siddiqui Mr. Sagar
16. 2 .	Network Security Training	About security of level FTP	1-02-2012	Dr. Karan Singh	Mr. Vipin Gupta
17.	Workshop on Multi physics modeling		25-1-2013	16-4-2013	
18.	Workshop on vaccum plasma and Thin film deposition Technologies		7-9 feb 2013	Navaid Zafar Rizvi	Mr.Raj Kumar Garg
19.	Robotics Circuits and PCB Deigning		1-3 rd March 2013	Mr. Navaid Zafar Rizvi Mr. Sandeep Sharma	

20.	RF and Microwave for the cellular and industrial application In collaboration with IEEE Microwave theory and Technique Society	RF and Microwave for the cellular and industrial application	13-1-2014	Dr. Rajesh Mishra, Dr. Vidushi Sharma, Dr. Shabana Urooj and Mr. Navaid Zafar Rizvi	Prof. Mahu s. Gupta Unibersit of California , Prof. M.V. Kartikeyan , Prof. A. Biswas and Dr M.J. Akhtar
21.	Android programming and cloud computing	Cloud computing and android	18-11-14	Dr. Sandhya Tarar	Ducat Team

Industrial Visits

S. N.	Company Name	Day of Interaction	Domain of Company	Coordinator	Resource Person(s)
1.	Industry visit ALTTC Gaz.	1 March,2011	Telecommunication	Dr. Neeta Singh	
2.	BSNL	5th Feb,2011	Telecommunication	Dr. Neeta Singh	Dr. R.P.S. Tomar (Divisional Engg.) & Dr. D.N. Sahay (A.G.M.) ITS B.D. & Sales
3.	ST Microelectro ni-cs	5th Feb,2011	VLSI	Mr. Navaid Zafar Rizvi	Mr. Bhanu Prakash (Senior Technical Manager) HED
4.	RoboSapiens Ltd.	7th Jan,2011	Robotics	Dr. Ela Kumar	Mr. Pradeep Sharma (General Manager)
5.	Dassault	14th Sep,	Application	Dr.	Mr.

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	Systems	2010	Software	Vidushi Sharma	Sandeep Singh (Director B.O.) Mr. Tanuj Mittal (Regional Manager) Mr. PrabhatKat yal (B.D.M.)
6.	RoboSapiens Ltd.	10th Oct, 2010	Robotics	Dr. Ela Kumar	Mr. Pawan (CEO - Robosapien s)

Annexure – 5 (List of Doctoral Students)

S.No.	NAME	SEX	CATEGORY
1.	MR.AMIT MISHRA	MALE	GEN
2.	MR.ALEEM ALI	MALE	OBC
3.	MR.CANDER DIWAKAR	MALE	SC
4.	MR.DEEPAK PANAWR	MALE	OBC
5.	MR.PRAVEEN KUMAR	MALE	GEN
6.	MS.POOGA MALIK	FEMALE	OBC
7.	MS.POONAM JATWANI	FEMALE	GEN
8.	MR.SONU LAL GUPTA	MALE	GEN
9.	MR.ARJUN KUMAR SIROHI	MALE	GEN
10.	MS.KAVITA SHEORAN	FMALE	gen
11.	MR.ANKUR CHOUDHARY	MALE	OBC
12.	MR.MUKESH MANN	MALE	OBC
13.	MS.NEHA CHAUDHARY	FMALE	OBC
14.	MR.ADITYA PRATAP SINGH	MALE	GEN
15.	MS.JAGDEEP KAUR	FEMALE	SC
16.	MANNU	FEMALE	OBC
17.	RAJNESH SINGH	MALE	OBC
18.	DHARM RAJ	MALE	OBC
19.	MR.SANDEEP SINGH RANA	MALE	NA
20.	ARUN SOLANKI	MALE	GEN
21.	SANDHYA TARAR	MALE	OBC
22.	MOHD.ASHRAF	MALE	OBC
23.	MS.NIDHI GULATI	FEMALE	NA
24.	MS.ARTI GAUTAM DINKAR	FEMALE	NA
25.	MR.MANISHA MANJUL	FEMALE	NA
26.	MR.NIRPENDRA NARAYAN DAS	MALE	SC
27.	MS.JYOTI	FEMALE	SC
28.	PRADEEP KUMAR SINGH	MALE	GEN

Annexure – 6 (Expert Lectures)

Content	Period	Coordinator	Resource Person
IT Industry and its business mode	Jan, 2010	Dr. Pradeep Tomar	Mr. Lovkesh Chandra Country head, SAP
Reengineering and Software project management tool	27 th March, 2010	Dr. Vidushi Sharma	Mr. Krishnan Gauthaman, Project Manager Dell System
Robotic System Development	26 August, 2010	Dr. Ela Kumar	Sh. Rakesh Singh
Principles of Robotic Programming	7 October, 2010	Dr. Ela Kumar	Dr. Pradeep Kumar
IC Testing	3 rd Dec., 2010	Dr. Vidushi Sharma	Mr. Jasvir Singh M/s S.T Microelectronics Pvt. Ltd.
Regulation of Indian broadcasting sector and TRAI 's role in it	2 nd April, 2011	Dr. Ela Kumar	Mr. Prakash Veer Deputy Director, Doordarshan New Delhi
Advance Java Technologies(Enterprise Java Beans)	26 March, 02 April 2011	Dr. O.P. Sangwan	Mr. Sandeep Chauhan S/W Project delivery Manager Steria Sec-1 Noida
Parallel Computing	06 April, 2011	Ms. Sandhya Trar	Dr. KashimRafique, Professor Aligharh University
	08 th April, 2011	Dr. Om Prakash Sangwan	Sandeep Kumar Chauhan, Project Manager Steria India Ltd.
Reliability Engineering-It's application and future growth in industry.	11 April, 2011	Dr. Rajesh Mishra	Mr. SheleshwarTushir, Senior Manager (Material and Process Reliability)
Software Management and Estimation	19 th April and 23 rd April, 2011	Dr. Abdul Wahid	Dr. Arun Sharma Professor and HOD, CSE Dept. KIET Ghaziabad
Data Structure and Algorithms	25 th and 26 th April, 2011	Mohd. Ashraf Saifi	Professor M.M Sufyan Beg Department of Computer Engineering JMI New Delhi 110025
Internet Technology and Database	6 August, 2011, at	Mr. Arun Solanki	Mr. UtsavVerma, Consultant

	11:00 AM		Engineer, Global Logic, Gurgaon
Content	Period	Coordinator	Resource Person
Robotics and Embedded Products	18 August, 2011, at 2:00 PM	Dr. Ela Kumar	Kapil Kumar Garg, Manager, Think Ware, Noida
How to get grants for Research Projects	1 October, 2011	Dr. Pradeep Tomar	Prof. Dev Dutt Sharma, Shaw University, Raleigh, NC, 27601, USA. Head, Division of Outreach Education in Shaw University, Raleigh, NC, USA.
Software Reliability	9 th November, 2011	Dr. Rajesh Mishra	Professor P.K Kapur Professor and Head in the Department of Operational Research University of Delhi-110007
Unified Modelling Language Technologies	19 th November, 2011	Dr. Om Prakash Sangwan	Dr. Ruchika Malhotra Assistant Professor DTU New Delhi
Linux Security in Practice	01 Dec, 2012	Dr. Karan Singh	Mr. Vipin Gupta Director U Net Solution
Current Trend in Wireless Network	15 th Nov., 2014	Dr. Vidushi Sharma	Dr. Ram Shringar Rao Assistant Professor Ambedkar Institute of Advance Communication Tech. & Research Delhi
Application of Sensor Network	13 th December, 2014	Dr. Rajesh Mishra	Professor Dharma P. Agrawal , Univerisity of Cincinnati USA
Network Lifetime Maximization in Directional Sensor Networks	1 st April, 2015	Mr. R.B Singh	Dr. Alok Singh, Associate Professor, School of Computer and Information Science Hyderabad

Wireless Communication and sensor Network	31 st 2015	July, Mr. R.B Singh	Dr. Dhananjay Assistant Professor Hankuk Univ. of foreign studies Seoul, South Korea
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**(SCHOOL OF INFORMATION &
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- 1. Name of the Department:** Electronics & Communication Engineering
- 2. Year of establishment:** 2010
- 3. Is the Department part of a School/Faculty of the university?** Yes, Department is the part of school. School of Information and communication technology which came into existence in **2009**
- 4. Names of programmes offered (UG, PG, M. Phil., Ph.D., Integrated Masters;Integrated Ph.D., D. Sc., D. Litt., etc.):**
 1. Five year Integrated Dual degree programme (B Tech (ECE) + M Tech (ICT)/MBA).
 2. M. Tech. in Embedded Systems.
 3. Ph. D.
- 5. Interdisciplinary programmes and departments involved:**
 - a. M. Tech. in ICT (specialization in WCN, VLSI Design, ISR, SE)
 - b. Five year Integrated Dual degree programme (B Tech (ECE) + MBA) OFFERED BY department of ECE and department of Business Management, School of Management.
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc:** *None*
- 7. Details of programmes discontinued, if any, with reasons:** *M. Tech Science Graduates*
Student feedback and concerns led to discontinuation of the course as per advisory of regularity bodies.
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:** *Semester and choice based credit system.*
- 9. Participation of the department in the courses offered by other departments:**

Subject Code	Subject Name	Department	Year/Sem	Program
EC101	Basic Electronics	CS, ME, CE, EE	I/II	B Tech (ECE) + M Tech/MBA
EC181	Basic Electronics Lab	CS, ME, CE, EE	I/II	B Tech (ECE) + M Tech/MBA
EC201	Digital Electronics	CS	II/I	B Tech (ECE) + M Tech/MBA
EC281	Digital Electronics Lab	CS	II/II	B Tech (ECE) + M Tech/MBA
EC210	Principles of Communication	CS	II/II	B Tech (ECE) + M Tech/MBA
EC282	Analog Communication Lab	CS	II/II	B Tech (ECE) + M Tech/MBA
EC304	Microprocessor and Interfacing	CS	III/V	B Tech (ECE) + M Tech/MBA
EC384	Microprocessor	CS	III/V	B Tech (ECE) + M

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	ssor and Interfacing Lab			Tech/MBA
EC405	Wireless Mobile Communication	CS	IV/VII	B Tech (ECE) + M Tech/MBA
EC443	Telecom Security and Networks	CS	IV/VII	B Tech (ECE) + M Tech/MBA
EC477	Digital Image Processing	CS	I/I	M Tech (ICT) ISR
EC531	Advanced Digital Com Systems	CS	I/I	M Tech CS
EC635	Mobile Computing	CS	I/III	M Tech CS

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

	Sanctioned	Filed	Actual (Including CAS & MPS)
Professor	As per Section 1(24) of SSR	-	
Associate Professor		-	
Asst. Professor		02	
Others (RA/FA)		05	

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

Name	Qualification	Designation	Specialization	No. of Years Experience	No. of Ph.D./ M Tech. Students guided for the last 4 years
Dr. Rajesh Mishra	M.Tech. Ph.D.	Assistant Prof.	Electronics & Reliability Engineering	10	02/30
Dr. Gurjit	M.Tech., Ph.D.	Assistant Prof.	Optical Communication	12	00/20

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Kaur			ation		
Mr. Navaid Zafar Rizvi	M.Tech., Ph.D. Pursuing	R.A/F.A	Electronics & Communication Engineering	08	00/20
Mr. Sandeep Sharma	M.Tech., Ph.D. Pursuing	R.A/F.A	Electronics & Communication Engineering	13	00/23
Mr. Vimlesh Kumar	M.Tech., Ph.D. Pursuing	R.A/F.A	Networking	4	00/18
Mr. R.B Singh	M.Tech., Ph.D. Pursuing	R.A/F.A	Electronics Engineering	07	00/18
Ms. Priyank a Goyal	M.Tech., Ph.D. Pursuing	R.A/F.A	Electronics & Communication Engineering	04	00/18

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

a. Prof. Brahmjit Singh, Prof. NIT Kurukshetra (2010-2012)

13. Percentage of classes taken by temporary faculty – programme-wise information 2015

Sno	Program	Guest Faculty
1.	Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -I)	20
2.	Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -III)	40
3.	Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -V)	40
4.	Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -VII)	60
5.	M.Tech. (2015) Sem.-I (Wireless Communication + VLSI)	20
6.	M.Tech (2015) Sem. -III, VLSI	40
7.	M.Tech. (Embedded Syst.) Sem-III	100

14. Programme-wise Student Teacher Ratio: *13 : 1 (including Guest Faculty)*

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

Sanctioned	Filled	Actual
		<ul style="list-style-type: none">○ 01 Technical Supt. (internal)○ 2 Lab Technician from University (internal)○ 4 Lab Technician outsourced○ Administrative staff - 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.

Nil

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. : Nil

20. Research facility / centre with

- State recognition :*none*
- National recognition :*none*
- International recognition :*none*

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications: Faculty Paper publication (Annexure – 1)

- 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 Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average

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- 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) Refer: CV (Annexure- 2)
- 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**
Refer: CV (Annexure-3)
- 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 : nil
 - Students (*JRF Details*) 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:** refer GBU ordinance
- 32. Student profile programmed-wise:**

Name of the Programme	Selected		Pass Percentage	
	Male	Female	Male	Female
Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -I)	38	22	38	22
Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -III)	40	24	40	24
Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -V)	33	20	33	20
Dual Degree Btech+M.Tech	35	12	35	12

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(2015) 5 yr EC, (Sem. -VII) (ISR+VLSI+WCN)				
Dual Degree Btech+M.Tech (2015) 5 yr EC, (Sem. -IX) (ISR+VLSI+WCN)	6+23+36 = 65	1+9+18 = 28	6+23+36 = 65	1+9+18 = 28
M.Tech. (2015) Sem.-I (Wireless Communication + VLSI)	5	10	5	10
M.Tech (2015) Sem. -III, VLSI	9	4	9	4
M.Tech. (Embedded Syst.), Sem-III	5	5	5	5
M.Tech. (2015) Sem. – III, WCN	6	4	6	4

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.: *Data not available.*

35. Student progression

<i>Student progression</i>	<i>Percentage against enrolled</i>
<i>UG to PG</i>	<i>All Dual Degree Students</i>
<i>PG to M.Phil.</i>	<i>NA</i>
<i>PG to Ph.D.</i>	<i>03</i>
<i>Ph.D. to Post-Doctoral</i>	<i>Nil</i>
<i>Employed</i>	
<input type="checkbox"/> <i>Campus selection</i> <input type="checkbox"/> <i>Other than campus recruitment</i>	<i>To be obtained from CRC</i>
<i>To be obtained from CRC</i>	<i>To be obtained from CRC</i>

36. Diversity of staff

Percentage of faculty who are graduates of the

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same university	Nil
from other universities within the State from	80%
universities from other States from universities	20%
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 of the university take care of the school requirement.
 - b) Internet facilities for staff and students-----Yes
 - c) Total number of class rooms-----06
 - d) Class rooms with ICT facility-----all
 - e) Students laboratories-----12 (Annexure 5)
 - f) Research laboratories-----Nil
- 39. List of doctoral, post-doctoral students and Research Associates**

- a) *from the host institution/university*
 - i. Mr. Altmesh Sekh
 - ii. Mr. Vimlesh Kumar
 - iii Ms. Priyanka Goyal
 - iv Mr. Navaid Z Rizvi
 - v Mr. Sandeep Sharma
 - vi Ms. R B Singh
- b) from other institutions/universities:

S. No.	Name of the Candidate	Category	Full Time/ Working Professional
1	GAYATRI SAKHYA	SC	WP
2	RAJESH YADAV	OBC	WP
3	AMRITKAR MANDAL	GN	WP
4	MEENA RAO	GN	WP
5	PUNIT AJAAD	GN	WP
6	VINAY KUMAR SINGH	OBC	WP
7	BHUPENDRA SINGH	OBC	WP
8	POONAM VERMA	OBC	FT
9	GOURAV VERMA	OBC	WP
10	SUPRIYA GOEL	GEN	FT
11	MOHD ALTAMASH SHEIKH	OBC	FT
12	ANURADHA	GEN	FT
13	SHILPI GADI	GEN	WP
14	MUKESH KUMAR GARG	GEN	WP
15	MR. SADIQ MOHAMMED		FT (International)

MAHIUB GHALIB		Students)
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- 40. Number of post graduate students getting financial assistance from the university: *50% Academic fees waiver for SC & ST students.***

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

Programme to be developed is proposed by the Board of Studies (BOS) comprising of Dean SoICT, HoD's BOS internal faculty members, external expert from academic intuitions of high repute.

After the approval from BOS the proposal is presented in Academic Council where the eminent Professors and Board Members give their consent after thoroughly scrutinizing Board of Management their approves the programmes before stating it.

- 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? : *Faculty give the feedback from time to time new subjects and syllabus up gradation is proposed which is implemented which is implemented after the approval from the BOS and Academics Council.*

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : *Informal feedback are taken by the faculty coordinators from students regarding the classes conductance course completion and faculty. The feedback helps in the smooth conductance of class and the courses curriculum*

c. Alumni and employers on the programmes offered and how does the department utilize the feedback? : *Alumni and employers interaction from time to time helps in providing inputs of industry demands. The course curriculum and syllabus is improved based on their input.*

- 43. List the distinguished alumni of the department (maximum 10) : from CRC**

- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. *Annexure 4***

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

Teaching method include.

(a) Handouts (b) Presentation (c) Videos

Lecture notes are also provided in 'easy classes' by same faculty

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members. The web portal easy class helps in providing access of notes to the students and also is an interactive platform.

Test quiz seminars are conducted by faculties for the continuous evaluation throughout the semester.

- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :** Continuous assessment and evaluation of learning outcomes is done by the faculty members.

Quiz Assignment, Tests, Presentation along with mid-term and end-term bring about assessment and help in monitoring the learning outcomes.

- 47. Highlight the participation of students and faculty in extension activities.** : Student and faculties participate in workshop, seminar, conference from time to time various guest lectures by industry experts and eminent scholars, professors from academics are also organized.

- 48. Give details of “beyond syllabus scholarly activities” of the department. :**

- (a) *Industrial visit. : Industrial visit are organized for the students.*
- (b) *In-house projects and seminar are conducted so that students can get the practice exposure.*
- (c) *Students are encouraged to participate in workshops and take up summer training project during summer break.*
- (d) *Expert lectures and trainings provided to students help in abridging the gap of industry and academics.*

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

- 50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.** : Departments have recently started M.Tech. Embedded Systems, Wireless Communication and Networks, VLSI are offered looking at the industry demand.

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

Strength	Weakness
<i>Qualified faculty</i>	<i>Less Brand awareness</i>
<i>Infrastructure</i>	
<i>Course Curriculum</i>	
<i>NSDC tie up</i>	

Opportunity	Challenges
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<i>Tie up with corporate to leverage the academics and increase employability</i>	<i>New Organization difficulties such as brand image building.</i>
<i>New Courses.</i>	

52. Future plans of the department.

National Skill Development Programs are being launched in job role software engineer's, software tester and security and test engineer.

- In Electronics also some skill development programs will be carried out.
- There are plans for industrial tie ups and launch of short term courses.

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Annexure 1

Name	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 Databases (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	Citation Index - range / average	S N IP	S J R	Impact Factor - range / average	Impacted index
Dr. Rajesh Mishra	17	--	--	--	--	36	48	-	-	0-2	03
Dr. Gurjot Kaur	19	--	01	--	01	8	34	-	-	--	-
Mr. Navaid Zafar Rizvi	8	--	--	--	--	--	3	-	-	--	-
Mr. Sandeep Sharma	5	--	--	--	--	--	5	-	-	--	-
Mr. Vimlesh Kumar	5	--	--	--	--	1	---	-	-	0-1	-
Mr. R.B Singh	01	--	--	--	--	--	--	-	-	--	-
Ms.	02	--	--	--	--	04	--	-	-	--	-

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Priyanka Goyal								-		-	-
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Annexure -2 (Faculty Research Profile)

[1] Dr. Rajesh Mishra, Assistant Professor

• **Publications in Journals (International/National)**

I. Referred Journals

1. Mishra R. and S. K. Chaturvedi, An efficient approach to enumerate SCG arising in CRNR evaluation, Quality Technology & Quantitative Management- An International Journal (Special Issue: Statistical Reliability Modeling and Optimization), vol. 6, pp. 43-54, 2009, **SCIE Index**, ISSN/ISBN No: 1684-3703.
2. Mishra R. and S. K. Chaturvedi, Comments on: An improved algorithm for connectivity analysis of distribution networks, Reliability Engineering and System Safety, vol. 94-3, pp. 783, 2009, **SCI Index**, ISSN/ISBN No: 0951-8320. .
3. Mishra R. and S. K. Chaturvedi, A cutsets-based unified framework to evaluate network reliability measures, IEEE Trans. on Reliability, vol. 58-4, pp. 658-666, 2009, **SCIE Index**, ISSN/ISBN No: 0018-9529.
4. Mandal A. and R. Mishra, An Adaptive Clutter Suppression Technique for Moving Target Detector in Pulse Doppler Radar, **Journal of Radioengineering**, vol.23, no.1, pp. 84-95, 2014, **SCIE Index**. ISSN/ISBN No: 1210-2512.
5. Mishra R., Ashraf M. and S.K. Chaturvedi, Enumeration of Minimal Cutsets for Directed Networks with Comparative Reliability Study for Paths or Cuts, **Quality and Reliability Engineering International** (Accepted and under Press). **SCI Index**. ISSN/ISBN No: 0748-8017.

II. Non-referred Journals

1. Mishra R. and S. K. Chaturvedi, g-Minimal cut sets-based global reliability evaluation, International Journal of Performability Engineering, vol. 5-3, pp. 251-258, 2009, ISSN/ISBN No: 0973-1318
2. Ashraf M. and R. Mishra, Computing global reliability for wireless sensor networks subject to spanning tree enumeration approach, International Journal of Computer Science and Engineering, vol. 1, issue 1, pp. 1-14, 2012, ISSN/ISBN No: 0975-3397.

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3. Ashraf M. and R. Mishra, Global reliability evaluation of distributed communication networks, International Journal of Computer Science and Engineering, vol. 1, issue 1, pp. 25-37, 2012, ISSN/ISBN No: 0975-3397.
 4. Mandal A. and R. Mishra, Reconfigurable design of pipelined CORDIC processor for digital sine-cosine, Journal of Signal Processing Theory and Applications, vol. 1, issue 1, pp. 27-35, 2012. ISSN/ISBN No: 2163-2286.
 5. Sharma S., Mishra R. and K. Singh, A survey on cross layer security, International Journal of Computer Applications, vol. 5, pp. 10-14, 2012, ISSN/ISBN No: 0975 – 8887.
 6. Mandal A. and R. Mishra, FPGA implementation of pipelined CORDIC for digital demodulation in FMCW radar, Infocommunications Journal, vol. 5, issue 2, pp. 17-23, 2013, ISSN/ISBN No: 2061-2079.
 7. Mandal A. and R. Mishra, Efficient use of application specific cordic for digital demodulation in I/Q receiver, Istanbul University - Journal of Electrical and Electronics Engineering, vol. 13, no. 1, pp. 1581–1587, 2013, ISSN/ISBN No: 1303-0914.
 8. Ashraf M. and R. Mishra, An algorithm for enumeration of terminal and multi terminal paths in a reliability graph of communication networks, International Journal of Computer Applications, vol.1, pp. 1-13, 2013, ISSN/ISBN No: 0975 – 8887.
 9. Mandal A. and R. Mishra, Design and Implementation of Digital Demodulator for Frequency Modulated CW Radar, International Journal of Engineering, vol. 27, no. 10, pp. 1581–1590, 2014, ISSN/ISBN No: 1025-2495.
 10. Manjul M. and R. Mishra, Secure Group Communication based on Elliptic Curve Cryptography, TNC Transactions on Networks and Communications, vol. 2, 2014, ISSN/ISBN No: 2054 – 7420.
 11. Mandal A., Mishra R. and B. K. Kaushik , Performance Analysis of a Modified CFAR Based Radar Detector under Pearson Distributed Clutter, ICTACT Journal on Communication Technology, vol. 5, no. 4, pp. 1009–1014, 2014, ISSN/ISBN No: 0976-0091.
 12. Navaid Z. R. and R. Mishra, Realization and performance estimation of Integrated CMOS LNA with F-Inverted Antenna for Mobile Communication, ICTACT Journal on Communication Technology, vol. 1, no. 1, pp. 14-18, 2015, ISSN/ISBN No: 2395-1680.
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• **Publications in Conferences & Symposium (International/National)**

1. Mishra R. and S. K. Chaturvedi, An efficient approach to enumerate SCG arising in CRNR evaluation, 2nd Asian International Workshop on Advanced Reliability Modeling, **Busan (Korea)**, August 24-25, 2006.
2. Mishra R. and S. K. Chaturvedi, Optimal design of communication network layout using genetic algorithm, Presented in International Conference on Modeling and Simulation, **CIT Coimbatore (India)**, August 27-29, 2007.
3. Mishra R. and S. K. Chaturvedi, Optimal design of backbone topology for a communication network layout using genetic algorithms, Proceeding of 4th International Conference on Theoretical, Applied, Computational and Experimental mechanics, **IIT Kharagpur (India)**, December 27-29, 2007.
4. Mishra R. and S. K. Chaturvedi, Minimal cutset enumeration in directed networks and reliability measures, proceeding of 3rd IEEE International Conference on Industrial and Information Systems (ICIIS 2008) **IIT Kharagpur (India)**, during December 8-10, 2008.
5. Ashraf M. and R. Mishra, Global reliability evaluation of distributed computer communication networks, Proceeding of 17th ISSAT International Conference Reliability and Quality in Design, **Vancouver (Canada)**, pp. 220-224, August 4-6, 2011.
6. Mandal A., Rizvi N. Z. and R. Mishra, Gain-Phase Mismatch correction technique for I/Q channel receiver, Proceeding of IEEE conference on Image Information Processing (ICIIP 2011), **Jaypee University, Solan (India)**, during November 3-4, 2011.
7. Sharma S., Mishra R. and K. Singh, Current trends and future aspects in cross-layer design for the wireless networks, Proceedings of IJCA National Conference on Innovative Paradigms in Engineering and Technology (NCIPET 2012), Nagpur (India), January 28, 2012.
8. Mishra R. and A. Mandal, Coordinate Rotation Algorithm Based Non-Linear Adaptive Decision Feedback Equalizer, Proceeding of 9th IEEE International Multi-Conference on Systems, Signals & Devices (SSD 2012), **Chemnitz Technology University, Chemnitz (Germany)**, March 20-24, 2012.

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9. Manisha M., Kumar R. and R. Mishra, Security Improvement in Group Key Management, Proceeding of **LNCS Springer - Quality, Reliability, Security and Robustness in Heterogeneous Networks**, vol. 115, pp 879-893, 2013.
10. Ashraf M. and R. Mishra, Extended Ant Colony Optimization Algorithm for Efficient Design of Networks and Improved Reliability, Proceeding of **LNCS Springer - Quality, Reliability, Security and Robustness in Heterogeneous Networks**, vol. 115, pp. 939-950, G. Noida, 2013.
11. Rizvi N. Z., Shamim R., Mishra R. and S. Sharma, Speed Reconfigurable FPGA Based Digital Filter, Proceeding of LNCS Springer - Quality, Reliability, Security and Robustness in Heterogeneous Networks, vol. 115, pp. 470-478, G. Noida, 2013.
12. Roy S. S., Viswanatham V. M., Venkata Krishna P., N. Saraf, Gupta A. and R. Mishra, Applicability of Rough Set Technique for Data Investigation and Optimization of Intrusion Detection System, Proceeding of LNCS Springer - Quality, Reliability, Security and Robustness in Heterogeneous Networks, vol. 115, pp. 479-484, G. Noida, 2013.
13. Sharma S., Singh K. and R. Mishra, A Review on Wireless Network Security, Proceeding of LNCS Springer - Quality, Reliability, Security and Robustness in Heterogeneous Networks, vol. 115, pp. 668-681, G. Noida, 2013.
14. Manjul M. and R. Mishra, A New Equation Based Single Rate Multicast Congestion Control, Proceeding of **IEEE Conference on Computing for Sustainable Global Development**, during 5-7 March 2014, pp. 927-933, N. Delhi, 2014.

● **M. Tech Guidance**

Following students successful completed their M Tech dissertation and Ph D research work under the supervision of me.

S N	Student Name	Reg. No.	Thesis Title
1.	Mr. Deepak Kumar	90201007	Design of miniaturized antenna for wireless sensor network
2.	Mr. Ajai Kumar	10PIT002	Reliability mechanism in heterogeneous multicast communication
3.	Mr. Ashok Kumar Chaudhary	10PIT011	Performance evaluation of buffer management mechanism
4.	Mr. Gaurav	10PIT016	Modeling and analysis of printed

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	Mehra		transmission line low Pass filter for microwave applications
5.	Ms. Neeti Bisht	90202032	Performance based analysis of routing protocols in wireless sensor network
6.	Mr. Chandan Kumar	90202015	A wireless sensor network physical layer design for long energy life and low cost implementation
7.	Mr. Abdul Gani Khan	90202001	Evaluation of AODV and DYNO routing protocols of wireless sensor networks using QUALNET
8.	Ms. Shashi Prabha Anan	10PIT033	Software reliability prediction using fuzzy logic
9.	Ms. Dipti Trivedi	11PIT022	Reliability evaluation of communication network using fuzzy logic
10.	Ms. Preeti Verma	11PIT040	An early fault prediction model using software metrics
11.	Ms. Surbhi Tyagi	10EIT034	Some aspects of network reliability measures
12.	Mr. Vikas Verma	11PIT055	QoS Management in Ad Hoc networks by cross layer technique
13.	Mr. Sourabh Dubey	12PIT090	Multi-source and multi-sink network reliability evaluation
14.	Mr. Kumar Vaibhav Bhatnagar	12PIT079	Fuzzy controller for railway signalling system
15.	Ms. Suman Bharti	12PIT085	Mathematical modelling of Link for ground-to-train communication
16.	Ms. Isha	12PIT083	Network reliability and cross layer based authentication for wireless network security
17.	Mr. Sachin Kumar	12PIT080	Performance evaluation of communication system using spectral amplitude coding optical code division multiple access technique
18.	Mr. Gajender Kumar	11EIT 024	Analysis of QoS parameters in Wi _{max} networks
19.	Mr. Gaurav Bachchis	11EIT 025	Performance analysis of improved DWDM system using solution pulses at higher data rate
20.	Mr. Deepak Kumar	11EIT 018	Deep web public accessible content performance enhance on general search engine
21.	Mr. Vikas Kumar	11EIT055	Automatic hindi speech recognition system with varying environment
22.	Mr. Gaurav Khanna	13 PIT 082	Reliability evaluation of multistage interconnection networks
23.	Mr. Bhola	13 PIT 081	Fuzzy based secure and reliable false alarm obstacle detection system in railways
24.	Mr. Neel Kamal Singh	13 PIT 085	Reliability evaluation of communication networks

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25.	Mr. Ritesh Kumar Kaushik	13 089	PIT	Multi-Port internal antenna for wireless handsets
26.	Mr. Raj Deepak Fuloria	13 087	PIT	A compact planar internal antenna for mobile phone
27.	Ms. Ridhi Jain	10 045	IEC	Traget tracking in wireless sensor networks
28.	Ms. Manisha Singh	10 026	IEC	Secure and reliable routing in mobile Ad-hoc networks
29.	Ms. Poorva Saxena	10 041	IEC	Reliability analysis of wireless sensor networks
30.	Ms. Vishakha Gaur	10 065	IEC	Energy efficient and reliable routing protocol for wireless sensor networks

- **Ph. D. Guidance**

1. **Ph. D. (Degree Awarded)**

Following students successful completed their Ph D research work under the supervision of me.

S N	Student Name	Reg. No.	Thesis Title
1.	Mr. Mohd Ashraf Saifi	PHDICT09 02	Reliability Evaluation and Topological Design of Communication Networks
2.	Ms. Manisha Manjul	PHDICT10 03	QoS Based Secure Communication

2. **Ph. D. Ongoing**

S N	Student Name	Reg. No.	Research Title/Broad Area
1.	Mr. Navaid Z Rizvi	PHDICT10 01	Modeling and performance evaluation of RF-MEMS switch
2.	Mr. Sandeep Sharma	PHDICT10 02	Cross layer concept based security algorithms for wireless networks
3.	Mr. Amritkar Mandal	PHDICT11 02	Study of adaptive equalizers using FIR filtering techniques for radar signal processing applications
4.	Mr. Bhupendra Singh	PHDICT13 06	Performance Enhancements in Communication-Based High Speed Train Control Systems
5.	Mr. Sadiq Mohammed Mahiub Ghalib	PHDICT14 02	Video-on-Demand Optimization in Mobile Ad-Hoc Networks

- **TRAINING COURSES & CONFERENCE/SEMINAR/WORKSHOP**

a. One or More Week Refresher Courses etc. Organized or Attended

1. Organized a one week Faculty Development Program for teachers on Software Reliability and Testing, during 09-14 July, 2012 at **GBU Greater Noida (UP) India**.
2. Participated in a week workshop organized by ORSI-Delhi Chapter, during 29 Nov- 03 Dec 2007, at **University of Delhi** (India).

b. Less than One Week Refresher Courses etc. Organized or Attended

1. Participated in a 03 day workshop on Advances in Computational Optimization and Analysis of Systems organized by **INDO-US Science Technology Forum IIT Kanpur**, during 07-09 Feb 2007, at IIT Kanpur (India).
2. Participated in a 03 day workshop on System Science: Complex Networks & Applications, organized by **IIT Rajasthan**, during 07-09 May 2012, at IIT Jodhpur (Rajasthan).
3. Worked as a Program Committee Member in 1st International Conference on Reliability & Safety Engineering, during 21 Dec - 23 Dec, 2005 at Bhubaneswar organized by IIT Kharagpur, 2005.
4. Member of Board of Studies of the School of ICT, Gautam Buddha University.
5. Organized a national workshop on Software Reliability and Testing, during 02 Sept, 2011 at **GBU Greater Noida (UP) India**.
6. Organized 9th International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness (Q-shine), during 11-13 Jan, 2013 at **GBU Greater Noida (UP) India**. Proceeding published in **LNCS Springer**.
7. Nominated as a Technical program Committee Member for the IEEE - 9th International Conference on Wireless Communications, Networking and Mobile Computing, September 22-24, 2013 at **Beijing, China**.
8. Nominated as a Technical program Committee Member for the International Conference on Signal Processing and Integrated Networks, February 20-21, 2014 at Amity University Noida (UP) India.

c. Editorial Board Member :

**DEPARTMENT OF ELECTRONIC & COMMUNICATION
ENGINEERING**

1. International Journal of Engineering and Industries, ISSN: 2093-5765 (Print),
ISSN: 2233-9418 (Online), Advanced Institute of Convergence IT,
Korea.
2. ICTACT Journal on Communication Technology, ISSN/ISBN No:
0976-0091, Tamil Nadu, India.

Reviewer:

1. International Journal of System Assurance Engineering and Management, ISSN: 0975-6809 (Print), ISSN: 0976-4348 (Online), Springer.
2. Various national and international conferences in India and abroad.

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[2] Dr. Gurjot Kaur, Assistant Professor

Dr. Gurjot Kaur

Assistant Professor (Department of Electronics and Communication)

School of I.C.T, Gautam Buddha University, Greater Noida



Summary

PhD in Optical CDMA and two times topper in Punjab, **Gold Medalist** awarded by President of India **Dr A. P. J. Abdul Kalam**, backed with ten years of experience in teaching at various reputed institutes like **PEC University of Technology, Panjab University, Jaypee University and Gautam Buddha University**. Also have book chapter publications for **FLORIDA ATLANTIC UNIVERSITY** & around 50 paper publications at international and national level.

Teaching Experience

Duration	Name of the Institute/University	Designation
Jan 22, 2003 – Sep 19 2005	PEC University of Technology, Chandigarh	Lecturer
Sep 20, 2005 – Aug 14, 2008	University Institute of Engineering & Technology, Panjab University, Chandigarh	Lecturer
Aug 18, 2008- Sep 30, 2010	Jaypee Institute of Information Technology, Noida	Senior Lecturer
Oct 1, 2010-June 4, 2011	Jaypee Institute of Information Technology, Noida	Assistant Professor
June 6, 2011-Till date	Gautam Buddha University, Greater Noida	Assistant Professor

[3] Mr. Navaid Z. Rizvi, RA/FA

Navaid Zafar Rizvi
Faculty/Research Associate,
School of Information & Communication Technology
Gautam Buddha University, Greater NOIDA,
Gautam Budh Nagar, U.P. PIN-201308, India
Phone -91-120-23446086 (O)
Mobile – 91-9971475401
Email: navaid@gbu.ac.in



1. PROFESSIONAL QUALIFICATION

- Pursuing PhD on the topic of “Modeling and Performance Evaluation of RF-MEMS Switch”, Gautam Buddha University, Greater Noida, India
- M.S in Information and Communication Engineering from Technical University Darmstadt, Germany.
- M.S in Microsystems Engineering from Hochschule Furtwangen University, Germany
- B.E in Electrical and Electronics Engineering from M.J.P Rohilkhand University, Bareilly, India

2. SUMMARY OF TEACHING/ INDUSTRY EXPERIENCE

- Faculty/Research Associate, School of ICT, Gautam Buddha University, Greater Noida, India (7th July, 2010 – Till Present)
- Student Research Assistant, Institut für Angewandte Forschung, Hochschule Furtwangen University, Furtwangen, Germany (one and half years).
- Research Intern, Department of High Frequency Electronics, Technical University Darmstadt, Germany (three months).
- Student Research Assistant, Department of High Frequency Electronics, Technical University Darmstadt, Germany (three months).
- Shift Engineer, Balkrishna Industries Limited, Bhiwadi, India (two years)

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[3] Mr. Sandeep Sharma, RA/FA

Sandeep Sharma	Curriculum Vitae												
Sandeep Sharma Present Address: House No. 30 Faculty Housing Type IV Gautam Buddha University , Greater Noida -201308 (U.P.),India Mobile: +91-8800978609 ,email : sandeepsvee@gmail.com Permanent Address: 202-Amrit Recidency 12, Vinay Nagar, Kesarbagh Road Indore-452009 (M.P. India													
Curriculum Vitae													
Carrier Objective	A challenging position in a progressive concern where I can contribute my knowledge and skills for the fulfillment of the organizational objectives with the sense of responsibility, belongingness and satisfaction.												
Professional Qualifications	<ul style="list-style-type: none"> ▪ Registered for Ph.D. at School of Information and Communication Technology Gautam Buddha University Gr. Noida, U.P. (Established by UP Act 9, 2002) Topic of Research "Cross Layer Concept Based Security Algorithms for Wireless Networks" ▪ Master of Engineering in Electronics and Communication Engineering with specialization in Digital Communication from Institute of Engineering and Technology-DAVV Indore, India, 2005 with 72.80%. ▪ Bachelor of Engineering in Electronics and Communication from Jawaharlal Institute of Technology Khargone , RGPV University, Bhopal India, 2001 with 71.81%. 												
Academic Qualifications	<ul style="list-style-type: none"> ▪ High School from St.Mary's Barwaha with 79.07% (M.P. Board) in 1993. ▪ Higher Secondary St.Mary's Barwaha with 72.88% (M.P. Board) in 1995. 												
Professional Affiliations	Member, Indian Society for Technical Education (LM 61483)												
Employment	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">July 2010 – Till Date</td><td>Research /Faculty Associate School of Information and Communication Technology Gautam Buddha University (U.P. Govt.) Gr. NOIDA, India.</td></tr> <tr> <td>July 2007 – July 2010</td><td>Assistant Professor, Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.</td></tr> <tr> <td>July 2006 – July 2007</td><td>Senior Lecturer Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.</td></tr> <tr> <td>July 2005 – July 2006</td><td>Lecturer, Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.</td></tr> <tr> <td>Sept. 2002 – July 2005</td><td>Lecturer, Department of Electronics & Communication Engineering Jawaharlal Institute of Technology Borawan Khargone (M.P),India</td></tr> <tr> <td>Aug 2001 – Sept 2002</td><td>Lecturer, Department of Electronics & Communication Eng. Government Polytechnic Burhanpur (M.P.), India</td></tr> </table>	July 2010 – Till Date	Research /Faculty Associate School of Information and Communication Technology Gautam Buddha University (U.P. Govt.) Gr. NOIDA, India.	July 2007 – July 2010	Assistant Professor, Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.	July 2006 – July 2007	Senior Lecturer Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.	July 2005 – July 2006	Lecturer, Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.	Sept. 2002 – July 2005	Lecturer, Department of Electronics & Communication Engineering Jawaharlal Institute of Technology Borawan Khargone (M.P),India	Aug 2001 – Sept 2002	Lecturer, Department of Electronics & Communication Eng. Government Polytechnic Burhanpur (M.P.), India
July 2010 – Till Date	Research /Faculty Associate School of Information and Communication Technology Gautam Buddha University (U.P. Govt.) Gr. NOIDA, India.												
July 2007 – July 2010	Assistant Professor, Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.												
July 2006 – July 2007	Senior Lecturer Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.												
July 2005 – July 2006	Lecturer, Department of Electronics & Communication Engineering Swami Vivekanand College of Engineering Indore, India.												
Sept. 2002 – July 2005	Lecturer, Department of Electronics & Communication Engineering Jawaharlal Institute of Technology Borawan Khargone (M.P),India												
Aug 2001 – Sept 2002	Lecturer, Department of Electronics & Communication Eng. Government Polytechnic Burhanpur (M.P.), India												

Page 1

[5] Mr. Vimlesh Kumar, RA/FA

Vimlesh Kumar

Research Associate
H-24, Type-4,
Gautam Buddha University
Greater Noida U.P.
✉: +91-9958185929
✉: vimlesh@gbu.ac.in



CAREER OBJECTIVE

Seeking a technically challenging position in an organization, providing a highly motivated, progressive and friendly environment which allows the pursuit of career advancement and expand my knowledge and skills. And to contribute my qualities for the growth of the organization.

AREA OF INTEREST

Quality of services, Wi-Fi, Wimax, Artificial Intelligence, Computer Networks, Adhoc Network, Sensor Network.

PROFESSIONAL QUALIFICATION

Master of Technology (Wireless Communication & Networking) (2009-11) - (CGPA 7.4 on the scale of 10) School of Information & Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh

Bachelor of Technology (Electronics & Instrumentation Engineering) (2005-09) - (73%) IASE University, Rajasthan.

ACADEMIC PROJECT & SEMINAR

Current Project

Cognitive Informatics: Cognitive Informatics (CI) is a transdisciplinary enquiry of computer science, information science, cognitive science, and intelligence science that investigates into the internal information processing mechanisms and processes of the brain and natural intelligence, as well as their engineering applications in cognitive computing.

RESEARCH PUBLICATION

1. Brain Informatics Based on Denotational Mathematics.
2. Mathematical Model of Human Information Processing System.

PROFESSIONAL AFFILIATION

1. Member of Computer Society of India.(Mem ID – 01071252)
2. Member of IEEE Computer Society (Member/Account no 90924042)

[6] Mr. R R Singh, RA/FA

RAJENDRA BAHADUR SINGH

M.Tech- E.C. (VLSI Design)

Email: rajendra@gbu.ac.in

Current Location-Noida

+91 7428819925



Objective

To use my overall knowledge and skill acquired by learning and through experience to bring perfection in my work and thereby serving for the growth and development of Institute.

Work Experience

- I have worked as a Lecturer in Saroj Institute of Technology & Management (SITM), Lucknow in EC Department.
- I done job in Coreel Technology, Bangalore as an Intern (duration Sep 2008 to March 2009)
- I have done Internship program at *Central Electronics Engineering Research Institute (CEERI)*, Pilani, Rajasthan (duration Sep 2007 to April 2008) as a Trainee in IC Design group.
- I have worked as a lecturer in BBDNITM, Lucknow .

Academic Projects

- *Design of 3-bit pipeline ADC.*
Tools-Tanner (T-Spice, L-edit, S-edit)
- *Designed of signed distributed arithmetic FIR filter.*
Tools-Xilinx-ISE, Modelsim
RTL Coding- VHDL
- *FPGA Implementation of Master slave flip flop and Asynchronous UP/DOWN counter.*
Tools-Xilinx-ISE, modelsim
RTL Coding-VHDL

Subject Taught

- Digital Electronics
- Basic Electronics
- VLSI Technology
- Antenna & Wave Propagation

[7] Ms. Priyanka Goyal, RA/FA

Research Publications

- ❖ Kinshuk Chauhan, Priyanka Goyal, “*Design and Analysis of SRAM Cell for Reducing Leakage in Submicron Technologies Using Cadence Tool*”, In IOSR Journal of Electrical and Electronics Engineering Vol.10, Issue2, March-April.2015.
- ❖ Monika Nagaria, Priyanka Goyal, “*A Low Power Design Approach for the Implementation of Ternary Logic*”, In International Conference on Innovation Techniques in Engineering & Management & HCTL Open Access Journal (ICITEM – 2015), Surya Group of Institutions, Lucknow (U.P.), India. May 02, 2015.
- ❖ Avinash Kumar, Priyanka Goyal, “*Design and Simulation of FPGA Based Nuclear Spectroscopy using single channel multiple output analyzer*”, In International journal of advance research in computer science and software engineering, Vol.5, Issue4, 2015, pp-498-505.
- ❖ Nishant Poras, Priyanka Goyal, “*Design and Performance Analysis of Multi-standard, Low Power CMOS LNA using MEMS Capacitor*” In proceedings of ONGC sponsored national conference IIMEDII, Vol.1, 2015, pp-73-77.
- ❖ Aniket Dwivedi, Priyanka Goyal, “*Solar photovoltaic Design and Application*”, In IEEE sponsored national conference on energy, power and intelligent systems, Department of electrical and electronics engineering, March 28-29, 2014.
- ❖ Lalit Kumar, P. Goyal, “*Power Efficient and High Speed 8 Bit Vedic Multiplier*”, In 3rd international conference on electrical electronics and data communication engineering held at Goa, Feb 17, 2013.

Papers accepted

- ❖ Nishant Poras, Priyanka Goyal, “*Design and Optimization of Wide Band CMOS LNA with MEMS Capacitor in 180nm Technology*”, In international conference for low power and circuit technologies 2015. Publisher- Springer
- ❖ Sanjay pathak, priyanka goyal, “*Study of Rectangular Shape Micro strip Patch Antenna*”, journal of microwave Engineering and technologies, STM Journals, Vol 2, 2015.
- ❖ Kaushal Kumar, Priyanka Goyal, “*A Review Paper on Energy Minimization Techniques in Wireless Sensor Network*,” Journal of computational intelligence and electronic systems (JCIES), JC239, Vol.2, Issue 1, 2013.

Dissertation Students Guided

- ❖ *Leakage power reduction in low power VLSI design using MTCMOS Technique* - Parnika Bansal.
- ❖ *Design and simulation of FPGA based nuclear spectroscopy* - Avinash kumar.
- ❖ *Low power design approach for the implementation of ternary logic* - Monika Nagaria.
- ❖ *SRAM cell design for reducing leakage in submicron technology* - Kinshuk Chauhan

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- ❖ *Design and performance analysis of multi standard CMOS LNA using switched capacitors and MIM capacitors - Nishant Poras.*
- ❖ *Design and analysis of Multi-standard Microstrip patch antenna – Sanjay Pathak*
- ❖ *Low power and high speed multiplier design with column bypassing & parallel architecture – Lalit Kumar.*
- ❖ *Improvement and performance evaluation of clustered wireless sensor network – Navneet.*
- ❖ *Reduction of handover in mobile Wi-max network using different modulation techniques - Aanand Bhardwaj.*

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ENGINEERING**

Annexure 3

S. N.	Theme	Content	Period	Coordinator	Resource Person
1	National Conference On Advancements In Communication, Computing And Signal Processing	National Conference	16,17 April 2011	Dr. Vidushi Sharma Dr. Pradeep Tomar,	Deepak Panwar
2	1 st International Conference Of Innovation And Advancements Of Information & Communication Technology	International Conference	30,31 March, 2012	Dr. Pradeep Tomar, Dr. Ela Kumar, Dr. Gurjot Kaur	Dr. Rakesh Kumar, Dr. Omvir Singh
3	2012 International Conference on “Emerging Paradigms and Practice in Information and Communication Technology and Management”	International Conference	26-28 July 2012	Dr. Pradeep Tomar, Dr. Ela Kumar, Dr. Gurjot Kuar	Dr. Brahmjit Singh, KUK Dr. Naseed Singh Gill, MDU Dr. Dinesh Sharma, USA Dr. Kamal Narayan Aggarwal, USA
4	International Conference on Heterogeneous Networking For Quality, Reliability, Security and Robustness	International Conference	11-12 Jan 2013	Dr. Karan Singh Md Ashraf Sandeep Sharma Navaid Zafar Rizvi	Saurabh Mukhopadhyey Messas University Newzeland Magda El Zarlc University of California, USA Anur P. Jayasuman a Colorado State University,

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					USA
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Annexure: 4 (Expert Lecture)

S.N.	Content	Period	Coordinator	Resource Person
1	IC Testing	3 rd Dec., 2010	Dr. Vidushi Sharma	Mr. Jasvir Singh M/s S.T Microelectronics Pvt. Ltd.
2	Regulation of Indian broadcasting sector and TRAI 's role in it	2 nd April, 2011	Dr. Ela Kumar	Mr. Prakash Veer Deputy Director, Doordarshan New Delhi
3	Reliability Engineering-It's application and future growth in industry.	11 April, 2011	Dr. Rajesh Mishra	Mr. Sheleshwar Tushir, Senior Manager (Material and Process Reliability)
4	Robotics and Embedded Products	18 August, 2011, at 2:00 PM	Dr. Ela Kumar	Kapil Kumar Garg, Manager, Think Ware, Noida
5	How to get grants for Research Projects	1 October, 2011	Dr. Pradeep Tomar	Prof. Dev Dutt Sharma, Shaw University, Raleigh, NC, 27601, USA. Head, Division of Outreach Education in Shaw University, Raleigh, NC, USA.
6	Software Reliability	9 th November, 2011	Dr. Rajesh Mishra	Professor P.K Kapur Professor and Head in the Department of Operational Research University of Delhi- 110007
7	Linux Security in Practice	01 Dec, 2012	Dr. Karan Singh	Mr. Vipin Gupta Director U Net Solution
8	Current Trend in Wireless Network	15 th Nov., 2014	Dr. Vidushi Sharma	Dr. Ram Shringar Rao Assistant Professor Ambedkar Institute of Advance Communication Tech. & Research Delhi

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9	Application of Sensor Network	13 th December, 2014	Dr. Rajesh Mishra	Professor Dharma P. Agrawal , Univerisity of Cincinnati USA
10	Network Lifetime Maximization in Directional Sensor Networks	1 st April, 2015	Mr. R.B Singh	Dr. Alok Singh, Associate Professor, School of Computer and Information Science Hyderabad
11	Wireless Communication and sensor Network	31 st July, 2015	Dr. Rajesh Mishra	Dr. Dhananjay Assistant Professor Hankuk Univ. of foreign studies Seoul, South Korea

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Annexure – 5

S.No.	Name of Laboratory
1.	<i>Basic Electronic Laboratory</i>
2.	<i>Electronic Circuits Lab</i>
3.	<i>Logic Design Lab</i>
4.	<i>Optical Communication Lab</i>
5.	<i>Analog and Digital Communication Lab</i>
6.	<i>VLSI Design Lab</i>
7.	<i>DSP Laboratory</i>
8.	<i>Microprocessor and Interfacing Lab</i>
9.	<i>Microwave and Antenna Lab</i>
10.	<i>Electronic Workshop</i>
11.	<i>Embedded Systems Lab</i>

DEPARTMENT OF APPLIED PHYSICS

DEPARTMENT OF APPLIED PHYSICS

SCHOOL OF VOCATIONAL STUDIES AND APPLIED SCIENCE

DEPARTMENT OF APPLIED PHYSICS

- 1. Name of the Department**
Department of Applied Physics
- 2. Year of establishment**
2011
- 3. Is the Department part of a School/Faculty of the university?**
Yes, School of Vocational Studies and Applied Sciences.
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
(i). PG: M.Sc. Applied Physics
(ii). Ph.D.: Ph.D. Applied Physics
- 5. Interdisciplinary programmes and departments involved**
None
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**
None
- 7. Details of programmes discontinued, if any, with reasons**
None
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**
Semester (Choice Based Credit System, CBCS)
- 9. Participation of the department in the courses offered by other departments**
Yes (Details are as follows)
PH-101 (B.Tech.+M.Tech./MBA: Biotechnology, Food Processing Technology)
PH-102 (B.Tech.+M.Tech./MBA: CE, ME, EE, CSE, ECE)
PH-104 (B.Tech.+M.Tech./MBA: CE, ME, EE, CSE, ECE, Biotechnology, Food Processing Technology).
Open Electives
- 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	Referred to Annexure 1(24)	NIL	
Assistant Professor		05	
Guest Faculty		03	

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

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Name	Qualification	Designation	Specialization	No. Of Years of Experience (Pre+Post Ph.D.)	No. of Ph.D./M.Phill. students guided for the last 4-Yrs.
Dr. Vivek Kumar Shukla	M.Sc., Ph.D.	Assistant Professor	Condensed Matter Physics (Exp.)	03+08=11	NIL
Dr. Manmohan Singh Shishodia	M.Sc., M.Phil., M.Tech., Ph.D.	Assistant Professor	Computational Photonics/Plasmonics, Solid State Materials.	03+08=11	NIL
Dr. Bhawana Joshi	M.Sc., Ph.D.	Assistant Professor	Condensed Matter Physics (Exp.)	00+05=05	NIL
Dr. Ashish Kumar Keshari	M.Sc., M.Tech., Ph.D.	Assistant Professor	Condensed Matter Physics (Exp.)	04+04=08	NIL
Dr. Mausumi Pohit	M.Sc. Tech, Ph.D.	Assistant Professor	Optics and Image Processing	00+16=16	NIL
Dr. Parul Yadav	M.Sc., Ph.D.	Guest Faculty	Condensed Matter Physics (Exp.)	00+01=01	NIL
Mr. Vipin Kumar	M.Sc., Ph.D. (submitted)	Guest Faculty	Condensed Matter Physics (Exp.)	00+01=01	NIL
Mr. Kirtee Kumar	M.Sc. , NET	Guest Faculty	Theoretical Physics	00+00=00	NIL

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**
-Nil
- 13. Percentage of classes taken by temporary faculty-programme-wise information**
Ph.D. Applied Physics: NIL
M.Sc.: 22
B.Tech+M.Tech./MBA: 23
- 14. Programme-wise Student Teacher Ratio**
M.Sc.: 24/8=3
Ph.D. Applied Physics: 09/5=1.8.
B.Tech+M.Tech./MBA: 360/13=27.6 (for whole Academic Year)

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- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**
Technical-02
Administrative staff: Not Applicable (at School Level=2)
- 16. Research thrust areas as recognized by major funding agencies**
Laser, Optics, Atomic and Molecular 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.**
(a). 01, (b) NIL, (c). Rs 36 Lakhs
Dr. Mausumi Pohit (Principal Investigator) and Alpana Goel
Investigation on Optical Correlation Filters for Distortion Invariant Pattern Recognition
Sponsoring Agency: SERB (Dept. of Science & Technology), Rs 36 Lakhs (2012-2015)
Status: Completed
- 18. Inter-institutional collaborative projects and associated grants received**
None
- 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**
None
- 20. Research facility / centre with**
 - state recognition : None
 - national recognition : None
 - international recognition: None
- 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)**
51 (Fifty One)
 - * **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.)**
Data not available
 - * **Citation Index – range / average**

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- 0-57 (Range), 10.6 (Average).
- * **SNIP**
0.717-1.442 (Range), 1.0661(Average)
 - * **SJR**
0.316-1.866 (Range), 0.7356(Average)
 - * **Impact Factor -range/ average**
01 to 13.0 (Range)/ 1.7064 (Average)
 - * **h-index**
5.2 (Average)
- 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
b) Editorial Boards d) any other (please specify)
NIL
- 27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).**
University funds faculty members for attending/participating faculty recharge programmes. The details of professional development allowances is attached in annexure.
- 28. Student projects**
 - **percentage of students who have done in-house projects including inter-departmental projects.**
50 %
 - **percentage of students doing projects in collaboration with other universities. /industry / institute**
50 %
- 29. Awards/recognitions received at the national and international level by Faculty**
 - Dr. Ashish Kumar Kesari
 - Received two Gold-Medals for securing highest marks in M.Sc final and M.Sc. electronics branch respectively.
 - GATE score: 93.19 percentile (136-all India rank), AICTE, MHRD Scholarship (2002-2004).
 - Dr. Bhawana Joshi
 - 10-th position in U. P. Board's Merit List (Girls) in H.S.C.
 - Qualified National Eligibility Test (NET)-JRF in 2005.
 - Qualified Graduate Aptitude Test in Engineering (GATE) in 2005
 - Dr. Manmohan Singh Shishodia

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- Postdoctoral Fellowship Offered by the Tel Aviv University & Holon Institute of Technology, Israel to work in the area of plasmonics (May 2010–Sept. 2011).
 - Postdoctoral Fellowship Offered by the Georgia State University (GSU), Atlanta, USA to work in the Optoelectronics laboratory (July 2008–May 2010)
 - Summer Research Fellowship Offered by the National Cheng Kung University (N.C.K.U), Taiwan (April 2007–June 2007).
 - DAAD Fellowship Offered by the German Academic Exchange Services to work as a guest scientist at the optoelectronics department of the September 2004–February 2005 University of Ulm, Germany.
 - J.R.F. & S.R.F. offered by Council for Scientific and Industrial Research (CSIR), India (May 2001–April 2006).
 - Scholastic scholarship offered by Higher Education Directorate, Government of Uttar Pradesh, India (July 1990–June 1993).
 - Scholastic National scholarship offered by Government of Uttar Pradesh, India (July 1988–June 1990).
 - Integrated Fellowship offered by Government of Uttar Pradesh, India (July 1986–June 1988).
 - Qualified Graduate Aptitude Test in Engineering (GATE) in 1997 & 1998.
 - Joint CSIR-UGC Exam (NET)-1999.
- Dr. Vivek Kumar Shukla
- The Abdus Salam ICTP-TRIL (UNESCO) Postdoctoral Fellowship (Jan 2007- Jan 2009) at ISMN-CNR, Italy.
 - NET-CSIR (1999) and GATE (1999) examinations qualified.
 - Gold Medal at M.Sc. CSJM University, Kanpur. (1998).
 - Recipient of National Merit Scholarship of government of India (1991-1996).
- Dr. Mausumi Pohit
- National Scholarship Holder in Post Graduate level (1988-1991)
 - UGC JRF/SRF 1992-1995
 - CSIR Research Associateship 2000

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.**
-

DEPARTMENT OF APPLIED PHYSICS

NIL

- 31. Code of ethics for research followed by the departments**
 As per institutional ethical committee of conduct/ethics.
- 32. Student profile programme-wise (2014-15):**

Name of Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Applied Physics	-	4	4	66.5 (2/3)	100 (4/4)
Ph.D Applied Physics	-	4	1	NA	NA

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 Physics	NIL	1/8	7/8	NIL
Ph.D Applied Physics	NIL	2/5	3/5	NIL

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

Not Known

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NOT APPLICABLE
PG to M.Phil.	NIL
PG to Ph.D.	1/8
Ph.D. to Post-Doctoral	NOT APPLICABLE
Employed Campus selection Other than campus recruitment	Refer To Annexure..... Not Known
Entrepreneurs	Not Known

36. Diversity of staff

Percentage of faculty who are graduates	
from other universities within the State	40%

DEPARTMENT OF APPLIED PHYSICS

from universities from other States	60%
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.
NONE
38. Present details of departmental infrastructural facilities with regard to
- a) Library
We have Central Library
 - b) Internet facilities for staff and students
Yes (for all, round the clock)
 - c) Total number of class rooms
01
 - d) Class rooms with ICT facility
01
 - e) Students' laboratories
04
 - f) 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
Following is the list of candidates

S. No.	Name	S. No.	Name
1	Mr. Prakash Ranjan Deen	6	Ms. Pratima
2	Mr. Soniya Juneja	7	Mr. Manjit Singh
3	Ms. Shalini Pathak	8	Mr. Ajay Kumar
4	Mr. Pankaj Pathania	9	Mr. Nitin Kunar
5	Mr. Sanjeev saxena		

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.
Geographical mapping/survey of academic and industrial needs.
Opinion of experts.
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?
Yearly feedback is obtained at the University Level. Subsequently, student's concerns' are addressed at the department level.
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback?

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No

- 43. List the distinguished alumni of the department (maximum 10)**
NONE
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**
Seminars/talks of scientists/researchers and academicians are organized.
Talks/Seminars/Poster presentations are organized by seminar committee.
Functions such as science day is celebrated annually where students participate in general quiz, poster making, presentations, debates etc.
- 45. List the teaching methods adopted by the faculty for different programmes.**
Follow standard texts/reference books. Board/Power Point/etc. are used.
Emphasis on learning through experiments, tutorials, home assignments, quizzes etc.
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
through continuous assessment, interaction with students, viva in labs, surprise quizzes/tests/assignments, presentations and seminars
- 47. Highlight the participation of students and faculty in extension activities.**
Student and Faculty regularly participate in sports and cultural activities.
- 48. Give details of “beyond syllabus scholarly activities” of the department.**
Weekly/fortnightly seminars on the topics of general interest
Presentations/talks of reputed scholars/scientists/achievers
Celebrate Science day and encourage students to participate in debates/discussions on current affair topics.
- 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.**
developed models, methods, designs which are published in reputed journals.
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths

- Young, enthusiastic and experienced faculty with good academic credentials and diverse academic exposure.
- Syllabus/curriculum in tune with national/international standards. Moreover, M.Sc. curriculum incorporates syllabus of national/state level exams. (e.g., NET/GATE).
- Student centric approach and priority for solving student's problems. Faculty follow open door policy for students. Due to residential nature of university, student-teacher interaction is very good.
- Department give emphasis on all round development of students.
- Curriculum is reviewed periodically and relevant subjects/topics are continuously added.

DEPARTMENT OF APPLIED PHYSICS

Weaknesses

- Lack of research infrastructure
- Lack of senior faculties
- Lack of scholarship/assistantship to the Ph.D. students, and unavailability of required Journals/periodicals.
- Excess teaching load: This reduces the time left for research and development.
- Lack of full time Ph.D. Scholars/Postdocs/RAs etc.
- Lack of funded R&D Projects.

Opportunities

- To develop national level research facility.
- Faculty expertise in condensed matter and photonics can help establishing the department as pioneer in these areas.

Challenges

- To develop experimental/computational/design facilities.
- To obtain research funding from reputed agencies such as DST /CSIR /UGC /DRDO /DBT etc.
- To arrange National and International collaborations.
- To attract full time Ph.D. scholars
- Convincing industries to sponsor courses/programmes/research projects.
- Improving placement scenario.

52. Future plans of the department.

- Developing research facilities.
- Adding new courses/programmes (e.g., B.Sc., M.Tech. etc.)
- Organizing Seminars/Workshops/FDP/Conferences etc.
- Emphasis on student placement and skill development.
- Plan for industry-academia participation
- Attracting diverse spectrum of students for PG and Ph.D. programmes.

DEPARTMENT OF APPLIED MATHEMATICS

**SCHOOL OF VOCATIONAL STUDIES AND
APPLIED SCIENCE**

DEPARTMENT OF APPLIED MATHEMATICS

1. **Name of the Department-** Department of Applied Mathematics
2. **Year of establishment-** 2011
3. **Is the Department part of a School/Faculty of the university? –**
Yes, School of Vocational Studies and Applied Sciences. (2011)
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) –**
 - a. PG- M.Sc. Applied Mathematics,
 - b. Ph.D.- Ph.D. Applied Mathematics
5. **Interdisciplinary programmes and departments involved**
-None
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
-None
7. **Details of programmes discontinued, if any, with reasons**
-None
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
Semester (Choice Based Credit System)
9. **Participation of the department in the courses offered by other departments**
-Yes
 - 1) MA-101 (B.Tech.+M.Tech./MBA, CE, ME, EE, CSE, ECE)
 - 2) MA-102 (B.Tech.+M.Tech./MBA, CE, ME, EE, CSE, ECE)
 - 3) MA-201 (B.Tech.+M.Tech./MBA, CE, ME, EE, CSE, ECE)
 - 4) MA-202 (B.Tech.+M.Tech./MBA, CE, ME, EE, CSE, ECE)
 - 5) MA-103 (B.Tech.+M.Tech./MBA Biotechnology, Food Technology)
 - 6) MA-104 (B.Tech.+M.Tech./MBA Biotechnology, Food Technology)
 - 7) MA-203 (B.Tech.+M.Tech./MBA Biotechnology)
 - 8) MA-415 (M.Tech. Biotechnology)
 - 9) MA-402 (M.Tech. in, SE, VLSI, ISR, WCN, PSE, Env. Engg., PSD,IE)
 - 10) MA-406 (M.Tech., SE,PSE,PSD,IE)
 - 11) Open Electives
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Refer to Annexure	Nil	
Associate Professor		1	
Assistant Professor		6	
Others (Guest Faculty)		4	

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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./M.Phil students guided for the last 4 years
Anjana Solanki	Ph.D.	Associate Professor	Operation Research	26	NIL
Sushil Kumar	Ph.D.	Assistant Professor	CFD, NWP	08	NIL
Amit Awasthi	Ph.D.	Assistant Professor	Cryptology	15	NIL
Pratiksha Saxena	Ph.D.	Assistant Professor	Nonlinear programming	13	NIL
Amit Ujlayan	Ph.D.	Assistant Professor	Differential Equations	08	NIL
Fahed Zulfeqar	Ph.D.	Assistant Professor	Algebra & Number Theory	07	NIL
Dipti Singh	Ph.D.	Assistant Professor	Optimization Techniques	07	NIL

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

Prof. A. H. Siddiqi (Duration 2011-13)

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

-M.Sc. Applied Mathematics	0%
-Other Programmes	20%

14. Programme-wise Student Teacher Ratio

S.No .	PROGRAMME NAME	YEA R	NO. OF STUDENT S	NO. OF FACULTY	STUDENT TEACHE R RATIO
1.	M.Sc.	2014-15	12	7	2:1
2.	B.Tech.+M.Tech./MBA (CE,ME,EE,CS,EC, Food Technology, Biotechnology)	2014-15	712	7	101:1
3.	M.Tech (ICT) (SE,WCN,ISR,VLSI)	2014-15	249	3(including Guest faculty=2)	83:1
4.	M.Tech (Biotech)	2014-15	10	1	10:1

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5.	M.Sc.	2015-16	11	6	2:1
6.	B.Tech.+M.Tech./MBA (CE,ME,EE,CS,EC, Food Technology,Biotechnology) (Semester- I,III,VII)	2015-16	814	10(including Guest faculty=4).	81:1
7.	M.Tech (SOE)	2015-16	39	1	39:1

- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**
Administrative staff (Not Applicable), at School Level.
- 16. Research thrust areas as recognized by major funding agencies**
-None
- 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.**
-None
- 18. Inter-institutional collaborative projects and associated grants received**
a) National collaboration b) International collaboration
-None
- 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**
None
- 20. Research facility / centre with**
 - **state recognition** None
 - **national recognition** None
 - **international recognition** None
- 21. Special research laboratories sponsored by/created by industry or corporate bodies**
-None
- 22. Publications:**

S/N	Items	Numbers
1	Papers in National Journals	07
2	Papers in International Journals	41
4	Monographs	01
5	Chapters in Books	23

DEPARTMENT OF APPLIED MATHEMATICS

6	Edited Books	01
7	Books with ISBN with details of publishers	03 (Annexure)
8	Number listed in International Database	33
9	Citation Index – range / average	3-643
10	SNIP	1-8
11	SJR	1-7
12	Impact Factor – range / average	0.3-2
13	h-index	10

23. Details of patents and income generated

S/N	Details of patent
1	Patent Number 2165/DEL/2011 (Public Domain)
2	Patent Number 2268/DEL/2011(Public Domain)
3	Patent Number 3005/DEL/2011(Public Domain)
4	QSIM, L-53455/2013
5	SIMIN, L-53456/2013
6	TRANSSIM , L-58410/2014

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)**

S/N	Name of committees/Editorial Boards/any other	National/ International	Remarks
1.	Editorial Boards	International	01

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

University funds, faculty members for doing faculty recharge programmes. Details of professional developments allowances are attached as annexure.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects**

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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

S/N	Faculty Name	Awards/Recognitions
1	Dr. Sushil Kumar	GATE, NET
2	Dr. Amit Ujlayan	GATE, NET
3	Dr. Dipti Singh	GATE, UGC-JRF
4	Dr. Fahed Zulfeqarr	CSIR-JRF

- Doctoral /post doctoral fellows: Nil

- Students:

S/N	Student Name	Entry Number	Category	Cleared Exam
1.	Vikas Kumar	2012/MAM/004	SC	GATE
2.	Sonam Devgan Kaul	2011/VSAS/MA W01	General	UGC-JRF
3.	Reena Nupur	2013/VSAS/MA F02	General	NET

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

S/ N	Title of the research Conference	School_Depa rtment	Funding Source	Other Details	Name of the outstanding participants
1.	Mathematical Models, Methods and Algorithm. (Conference)	Applied Mathematics	DST,NBHM,CSIR, DRDO and Gautam Buddha University	International (2012)	Prof. U.B. Desai (Director, IIT Hyderabad), Prof. Dinesh Singh (V.C. Delhi)

DEPARTMENT OF APPLIED MATHEMATICS

					Universit y) Prof. Rene Lozi etc.
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31. Code of ethics for research followed by the departments

As per institutional ethical committee of conduct/ethics

32. Student profile programme-wise:

Name of the Programme	Year	Applications	Selected		Pass percentage			
			Male	Female	Male	Female		
(refer to question no. 4)		Received						
M.Sc. Applied Mathematics	2012		03	01	Nil	Nil		
M.Sc. Applied Mathematics	2013		03	03	Nil	Nil		
M.Sc. Applied Mathematics	2014		02	04	03	01		
M.Sc. Applied Mathematics	2015		02	03	01	02		
Ph.D Applied Mathematics	2011		02	05	Nil	Nil		
Ph.D Applied Mathematics	2012		03	02	Nil	Nil		
Ph.D Applied Mathematics	2013		03	02	Nil	Nil		
Ph.D Applied Mathematics	2014		01	02	Nil	Nil		
Ph.D Applied Mathematics	2015		00	01	Nil	Nil		

33. Diversity of students

Name of the	Year	% of	% of	% of	% of
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DEPARTMENT OF APPLIED MATHEMATICS

programme		students from the same university	students from the other university within the state	students from the other university outside the state	students from the other countries
M.Sc. Applied Mathematics	2012	Nil	100	Nil	NIL
M.Sc. Applied Mathematics	2013	Nil	83	17	Nil
M.Sc. Applied Mathematics	2014	Nil	83	17	Nil
M.Sc. Applied Mathematics	2015	Nil	40	60	Nil
Ph.D. Applied Mathematics	2011	Nil	43	47	Nil
Ph.D. Applied Mathematics	2012	Nil	40	60	Nil
Ph.D. Applied Mathematics	2013	Nil	60	40	Nil
Ph.D. Applied Mathematics	2014	Nil	67	33	Nil

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

S/N	Student Name	Entry Number	Category	Cleared Exam
1.	Vikas Kumar	2012/MAM/004	SC	GATE
2.	Sonam Devgan Kaul	2011/VSAS/MA W01	General	UGC-JRF
3.	Reena Nupur	2013/VSAS/MA F02	General	NET

35. Student progression

	Student progression	Percentage against enrolled
	UG to PG	NOT APPLICABLE

DEPARTMENT OF APPLIED MATHEMATICS

	PG to M.Phil.	NIL
	PG to Ph.D.	NIL
	Ph.D. to Post-Doctoral	NIL
	Employed	
<input type="checkbox"/>	Campus selection	Refer to annexure
<input type="checkbox"/>	Other than campus recruitment	01
	Entrepreneurs	Data Not Available

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	2/7
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

-NONE

38. Present details of departmental infrastructural facilities with regard to

- a) Library –NA (Central Facility)
- b) Internet facilities for staff and students-Yes (24 by 7)
- c) Total number of class rooms-01
- d) Class rooms with ICT facility -01
- e) Students' laboratories -02
- f) Research laboratories -02 (Same as in point e)

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

S/N	Entry Name	Name	Gender
1	2011/VSAS/MA W01	Mrs. Sonam Devgan Kaul	F
2	2011/VSAS/MA W02	Mr. Pramendra Kumar	M
3	2011/VSAS/MA W03	Mrs. Anupama	F
4	2011/VSAS/MA W04	Mrs. Rashmi Chauchan	F
5	2011/VSAS/MA W05	Mrs. Bhanumati Panda	F
6	2011/VSAS/MA W06	Mr. Krishna Kumar Sharma	M
7	2011/VSAS/MA W07	Mrs. Akansha Singh	F
8	2012/VSAS/MA W01	Neha Khanna	F
9	2012/VSAS/MA W02	Ravi Jain	M
10	2012/VSAS/MA W03	Seema Agarwal	F
11	2012/VSAS/MA W04	Anuj Kumar	M
12	2012/VSAS/MA W05	Prashant Jindal	M
13	2013/VSAS/MA W01	Pushpendra Johari	M
14	2013/VSAS/MA W02	Ajay Satija	M
15	2013/VSAS/MA F01	Mohit Arya	M

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16	2013/VSAS/MA W03	Priyanka Ahuja	F
17	2013/VSAS/MA F02	Reena Nupur	F
18	2014/VSAS/MA W01	Ajay Dixit	M
19	2014/VSAS/MA W03	Abhilasha Gupta	F
20	2014/VSAS/MA W02	Shilpi Kalra	F

- a) from the host institution/university
 b) from other institutions/universities
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.
 Feedback by experts from Academia /Industries.
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?
 Yearly feedback is obtained at university level. Subsequently, students concerns addressed at the department level
 - 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)
 -NONE
44. Give details of student enrichment programmes (special lectures /workshops / seminar) involving external experts.
 -Special Lectures/ Seminars/Science day
45. List the teaching methods adopted by the faculty for different programmes.
 - 1) Lectures/Tutorial/Labs
 - 2) Boards/ICT facilities
 - 3) Conduct the Quizzes/Seminars
 - 4) Student Centred Approach
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
 1) Presentations/Quizzes/Evaluation of Assignments/Tutorials
47. Highlight the participation of students and faculty in extension activities.
 Sports/Culture Activities/Training programmes
48. Give details of “beyond syllabus scholarly activities” of the department.
 - 1) Conducting quizzes and seminars.
 - 2) Hands on practice on the softwares
 - 3) Developments of open source softwares.
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.

- 1) Faculty has published research work in refereed journals/proceedings.
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths:

- i) Faculty is educated from repute institutes like IITs and Universities and covering different research areas like ODE, Algebra, CFD, Operations research and NWP.
- ii) Good infrastructure like well equipped class rooms and computational labs.
- iii) Department is participating in more than ten core courses offered by other schools.
- iv) Syllabus is oriented towards basic and applied knowledge of the subject and as per CBCS. Syllabus is updated by the experts from the recognised Institutes/Universities in every academic year.
- v) 100% attendance is compulsory in the class.

Weaknesses:

- i) Lack of Sufficient Faculty.
- ii) Absence of alumni network
- iii) Could not attract good number of students.
- iv) Lack of funds from funding agencies for research.
- v) Collaborations with reputed Institute/universities/labs/Industries is not sufficient.

Opportunities:

- i) Introduce the UG programmes.
- ii) Collaborations with the Industries/Institutes/Universities/Labs
- iii) Develop the high computational lab facilities for R&D.
- iv) Conduct the workshops/conferences /seminars.
- v) To utilize the professional networks of the academic staff at national and international levels.

Challenges:

- i) To get collaborations with reputed Institute/universities/industries.
- ii) To attract the good number of students for PG admissions.
- iii) To publish good number of papers in reputed journals.
- iv) To obtain the research funds from the funding agencies etc. DST, CSIR, DRDO, UGC, NBHM.

- 52. Future plans of the department.**

- i) Organise the Conferences/Workshops/Seminars.
- ii) Collaboration with the Institute/universities/labs/industries.
- iii) Introduce the new courses.
- iv) Department is looking to get research funds from DST/CSIR/NBHM/IMD etc.
- v) Lectures from distinguished scholars in different areas more frequently

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- 1. Name of the Department**-Department of Applied Chemistry
- 2. Year of establishment**- 2011
- 3. Is the Department part of a School/Faculty of the university?** Yes, School of Vocational Studies and Applied Sciences (2011).
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) –**
 - a) P.G.- M.Sc Applied Chemistry
 - b) Ph.D.- Ph. D. Applied Chemistry
- 5. Interdisciplinary programmes and departments involved**
None
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**
None
- 7. Details of programmes discontinued, if any, with reasons**
None
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**
Semester (Choice Based Credit System)
- 9. Participation of the department in the courses offered by other departments**
Yes
CY-101 (B.Tech.+M.Tech./MBA, CE, ME, EE, CSE, ECE, Biotechnology, Food Technology)
CY-103 (B.Tech.+M.Tech./MBA, CE, ME, EE, CSE, ECE, Biotechnology, Food Technology)
BT- 201 (B.Tech.+M.Tec/MBA Biotechnology).
Generic Elective
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned*	Filled	Actual (including CAS & MPS)
Professor	As per Section 1(24) of SSR	01	
Associate Professors		NIL	
Asst. Professors		04	
Others(F.A)		03	
Others(Guest Faculty)		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./ M.Phil. students guided for the last 4

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					years
Prof. Anuradha Mishra	Ph. D	Professor	Organic Chemistry, Green Chemistry, Polymer Chemistry	26	14
Dr Jaya Maitra	Ph. D	Assistant Professor	Physical Chemistry, Polymer Chemistry	12	NIL
Dr Vandna Singh	Ph. D	Assistant Professor	Organic Chemistry, Organometallic Chemistry	10	NIL
Dr Upma Singh	Ph. D	Assistant Professor	Organic Chemistry, Inorganic, Organometallic Chemistry	07	NIL
Dr R. K. Gupta	Ph. D	Assistant Professor	Physical Chemistry, Natural Chemistry	09	NIL
Dr Alpa Yaday	Ph. D	Faculty Associate	Organic Chemistry, Polymer Chemistry	11	NIL
Dr Tanvi Vats	Ph. D	Faculty Associate	Organic Chemistry, Nanocomposit s	03	NIL
Dr Deepti Goyal	Ph. D	Faculty Associate	Physical Chemistry, Catalysis	03	NIL
Dr Shahzad Ahamed	Ph. D	Guest Faculty	Inorganic Chemistry, Material Science, Nanomaterial	01	NIL

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**
Nil
- 13. Percentage of classes taken by temporary faculty – programme-wise information**
P.G.- M.Sc Applied Chemistry – 12.5%
- 14. Programme-wise Student Teacher Ratio**

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- B.Tech.+M.Tech./MBA - 365/6= 61:1
For, M.Sc. 33/6 = 5.5:1
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**
Technical-02
Administrative staff at School Level only - 03
- 16. Research thrust areas as recognized by major funding agencies**
None
- 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 : 03
- I. Dr Rajesh Kumar Gupta (PI)
Project Title: Isolation and Characterization of anti-tubercular principle from contaminating bacterial strain
Funding Agency : DBT, Govt. of India
Total Grant : 29.75 lakhs
- II Dr Rajesh Kumar Gupta (CO-PI)
Project Title: Molecular mechanism of anticancer effect of Avenanthramida-C and its synergistic effect with cisplatin in tobacco Specific N-nitrosamine and nicotine induced human head and neck cancer cells
Funding Agency : CSIR, Govt. of India
Total Grant : 25 lakhs
- III. Prof. Anuradha Mishra (Mentor)
Dr Divya Tripathy (PI)
Title: Microwave synthesis, characterization and properties evaluation of biodegradable Gemini imidazoline surfactants.
WOS-A (Women Scientist Scheme), File No- SR-/WOS-A/CS-1056/2014
Total Grant : 30 lakhs
- 18. Inter-institutional collaborative projects and associated grants received**
a) National collaboration b) International collaboration
None
- 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**
None
- 20. Research facility / centre with**
 - state recognition
 - national recognition
 - international recognition
None

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- 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)**
National: 8
International: 111 (Annexure – 1)
 - * **Monographs** None
 - * **Chapters in Books** : 10 (Annexure – 2)
 - * **Edited Books** 02
 1. ‘Green Materials for Sustainable Water Remediation and Treatment’, **Anuradha Mishra** and James H. Clark (Editors), (2013), (ISBN: 978-1-84973-621-3), RSC Publishing, Royal Society of Chemistry, Cambridge, UK
 2. ‘Approach towards Cleaner Environment’, Abha Dubey and **Anuradha Mishra** (Editors), (2013), (ISBN: 81-8428-016-5), Durga Publication India
 - * **Books with ISBN with details of publishers** – 08 (Annexure – 3)
 - * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**
Number listed in International Database : 137
 - * **Citation Index – range / average**
Range - 39-1064
Average- 306
 - * **SNIP** :1.147
 - * **SJR** :0.791
 - * **Impact Factor – range / average**
Range: 0.233-6.101
Average: 2.049
 - * **h-index** : 16
- 23. Details of patents and income generated**
- Title of the Patent:** Polysaccharide agents and methods of their use for removing solids from water. **Inventors:** Rajani Srinivasan, **Anuradha Mishra**, John McKinney **Application number:** 20150144574
Issued: May 28, 2015,
Assignee: THE TEXAS A&M UNIVERSITY SYSTEM
- 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)
 - a) National committees

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- i. Expert member, Board of Studies of University School of Basic & Applied Science, GGS Indra Prastha University, New-Delhi, India for a period of 2 years (2015-17).
- ii. Panelist, Brainstorming Workshop on Strengthening and Expansion of NIDM, held at National Institute of Disaster Management, New Delhi on 17th January 2014.
- iii. Member of expert panel in School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India (2013-15).
- iv. Member of expert panel in University School of Basic & Applied Science, GGS Indra Prastha University, New-Delhi, India (2015-17).
- v. Member of expert panel in RDC, Chemistry, Galgotia University, India (2013-15).
- vi. Member, Research Advisory Board of Institute of Pesticides Formulation & Testing, Gurgaon, Ministry of Chemicals & Fertilizers, Govt of India (2013-15).
- vii. Expert Member, Board of Studies, Applied Chemistry, Sharda University (2012-2015).
- viii. Expert member of the selection board for executive chemists, Electricity Board, Chhattisgarh, India (2013)
- ix. Expert Member of the selection board for executive chemists, MP Electricity Board, Power Sector Corporation Madhya Pradesh, India (2012).
- x. Expert Member of the selection board for Scientists, Defense Research Development Organization (DRDO), India for scientists/chemists (2012).
- xi. Contributed as Resource Person in a workshop ‘Demonstration of Green Chemistry Experiments- DGCE-2012’ held at MMH College Ghaziabad in collaboration with Green Chemistry Network Centre, University of Delhi sponsored by Royal Society of Chemistry London (North India Section) on 19th Feb (2012).

b) International committees

- i. Chaired Special session addressed by World Leaders of Green Chemistry in 5th Asia-Oceania Conference on Green and Sustainable Chemistry (AOC GSC-5): Capabilities held at New Delhi on 17th Jan 2015.
- ii. Organizing Secretary for International Workshop On Green Initiatives in Energy, Environment & Health jointly organized by Gautam Buddha University (www.gbu.ac.in/), The Energy and Resources Institute(www.teriin.org/), Green Chemistry Network Centre <http://greenchem.du.ac.in>), DU Green Chemistry Network (www.greenchemistrynetwork.org/), and Green Chemistry Centre of Excellence (GCCE) (www.york.ac.uk/inst/greenchemic/), University of York, UK during Dec 2-3 (2013).
- iii. Organising Committee Member for International Workshop on Chemistry for a Sustainable Future, jointly organized by

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- University of Rajasthan and MNIT Jaipur during Dec 10-12 (**2012**).
iv. Chaired Session I in International Workshop on Chemistry for a Sustainable Future, jointly organized by University of Rajasthan and MNIT Jaipur during Dec 10-12 (**2012**).
v. Chaired a scientific session in International Conference on Global Trends in Pure & Applied Chemical sciences, organized under the auspices of Asian J Chemistry at Udaipur during March 3-4 (**2012**).
- c) **Editorial Boards**
- i. Guest Editor for the journal, ‘Advances in Materials Science & Engineering’ Hindawi Publications, USA
 - ii. Member, Editorial Board, International Scholarly research Notices: Materials Science, Hindawi Publications, USA
 - iii. Member, Editorial Board, International Journal of Environmental Science & Technology (ISSN: 2278-0785).
27. **Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).**
University funds, faculty members for doing faculty recharge programmes.
28. **Student projects**
- percentage of students who have done in-house projects including inter-departmental projects ~ 42%
 - percentage of students doing projects in collaboration with other universities /industry / institute ~ 58%
- **Awards/recognitions received at the national and international level by Faculty**
- Prof. Anuradha Mishra
- i. **Commonwealth Academic Fellow (2006)**, Commonwealth Commission UK, Worked at Green Chemistry Centre of Excellence, **University of York, UK**
 - ii. **Research Award for Teachers (2004)** by the **University Grants Commission, India**
 - iii. **Fellow of the Indian Society of Agricultural Biochemists (2013)**
29. **Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.**

S.N o	Title of Seminars/ Conferences/Worksho ps	School/ Departmen t	Funding Agency	Detai l	Outsdandin g Participant
1.	International Work shop on Green Initiatives in Energy, Environment Health	Applied Chemistry	Royal Society of Chemistr y	Dec 2-3 2013	Anil Bhatia

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			London, North India Section DST, CSIR, DRDO		
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30. Code of ethics for research followed by the departments

AS per institutional ethical committee of conduct/ Ethics

31. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage		
		Male	Female	Male	Female	
(refer to question no. 4)						
M.Sc. Applied Chemistry (2012)	Refer to Annexure-Vol-II/1	03	06	33%	67%	
M.Sc. Applied Chemistry (2013)		01	07	15%	85%	
M.Sc. Applied Chemistry (2014)		03	10	-	-	
M.Sc. Applied Chemistry (2015)		03	19	-	-	

32. 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 Chemistry (2012)	NIL	22.22	77.78	NIL
M.Sc. Applied Chemistry (2013)	NIL	22.22	77.78	NIL
M.Sc. Applied Chemistry (2014)	NIL	46.15	53.85	NIL
M.Sc. Applied	NIL			

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Chemistry (2015)				
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- 34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

NET: 01, GATE: 01

35. Student progression

	Student progression	Percentage against enrolled
UG to PG		NOT APPLICABLE
PG to M.Phil.		NIL
PG to Ph.D.		NIL
Ph.D. to Post-Doctoral		NIL
Employed		
<input type="checkbox"/> Campus selection		-
<input type="checkbox"/> Other than campus recruitment		50%
Entrepreneurs		Not known

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university -	NIL
from other universities within the State -	87.5%
from universities from other States	12.5%
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**

- 01

- 38. Present details of departmental infrastructural facilities with regard to**

- a) Library – Central Facility
- b) Internet facilities for staff and students- Yes (for all, round the clock)
- c) Total number of class rooms- 02
- d) Class rooms with ICT facility- 02
- e) Students' laboratories - 04
- f) Research laboratories - 0

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

- a) from the host institution/university - 0
- b) from other institutions/universities- 12 (Female-3, Male- 9)

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

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- None
- 41.** Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Feed back by experts from academia and industries were considered for starting the M. Sc Applied Chemistry.
- 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?
 - Yearly feedback is obtained from the students at university level. Subsequently students concerned addressed at the Department levels.
 - 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)
None
- 44.** Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Special Lectures/ Seminars/Science day
- 45.** List the teaching methods adopted by the faculty for different programmes.
Lecture
Tutorials
Labs
Seminars/ Presentations/Special Lectures
- 46.** How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Through Presentations,, Assignments, Class tests, Quizzes and continuous evaluation.
- 47.** Highlight the participation of students and faculty in extension activities
Industrial Training (at Shimadzu)
Students and Faculties actively involves in blood donation camps
- 48.** Give details of “beyond syllabus scholarly activities” of the department.
Participation of students and Faculty in sports, cultural and social activities
- 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.
Faculties have published their research work in referred journals in different areas.
- 51.** Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
Strength

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- Logical sequence of topics, chapter mapping and student oriented approach.
- Well equipped labs
- Departmental Academic Ambience
- Good infra structure
- Digitized central library

Weakness

- Absence of alumni network that can immensely help in placements and attracting approach
- No separate girls and boys common room in department

Opportunities

- To develop more out research activities nationally and internationally, attract more diverse and intelligent students.
- To utilize the professional network of the academic staff at national and international level
- Introduced new courses at under graduate and postgraduate level.
- Developed the high lab facility for research and development.

Challenges

- How to consolidate the running programme and open new programmes.
- To obtain funding from research agencies like DST, DBT, DRDO, UGC etc.
- To arrange national and International collaboration.
- To attract good number of students.
- To improve the student placement scenario.

52. Future plans of the department.

- To Start B. Sc
- Developed Sophisticated Instrumentation Centre

Annexure – 1 **(Publications in Referred Journals)**

1. “Metabolic profiling of Commiphora wightii (Guggul) reveals a potential source for pharmaceuticals and nutraceuticals” Anil Bhatia, Santosh K. Bharti, Tusha Tripathi, Anuradha Mishra, Om P. Sidhu, Raja Roy, Chander Shekhar Nautiyal, *Phytochemistry*, 110, 29-36 (2015).
2. “Biosorption of Chromium (VI) from aqueous solutions using waste plant biomass”, Anuradha Mishra, Abha Dubey, Shiwani, *IJEST*, 12(3), 1415-1426 (2015).
3. “Application of dried plant biomass as novel low cost adsorbent for removal of cadmium from Aqueous solution”, Abha Dubey, Anuradha Mishra, Shiwani Singhal, *IJEST*, 11(4), 1043-1050 (2014)
4. “Adsorption of Hexavalent Chromium Ion from Aqueous Solutions on Psyllium Mucilage and Cross-linked Psyllium Mucilage Beads” Deepti Goyal, Anuradha Mishra, *Current Environmental Engineering*, 1(3), 191-198 (2014)
5. “Probiotication of beverages using whey and watermelon juice”, Ashish Dixit, Anuradha Mishra, *International Journal of Agriculture & Food Science Technology*, 5(5), 381-396 (2014).
6. “Tamarind Seed Xyloglucan: A Food Hydrocolloid for Water Remediation” Anuradha Mishra, *J. Biobased Mater. Bioenergy* 7, 12-18 (2013)
7. “Graft Copolymers of Xyloglucan and Methyl methacrylate”, Anuradha Mishra, Annu Vij Malhotra, *Carbohydrate Polymers*, 87, 1899-1904 (2012).
8. “Tamarind Xyloglucan: A potential polysaccharide with versatile applications”, Anuradha Mishra, Annu Vij Malhotra, *J. Mater. Chem.* 19, 8528-8536 (2009)
9. “Okra (*Hibiscus esculentus*) and Fenugreek (*Trigonella foenum graceum*) Mucilage: Characterization and application as Flocculants for Textile Effluent Treatment”, Rajani Srinivasan, Anuradha Mishra, *Chinese J Polym Sci*, 26, 679-687 (2008)
10. “Modification of okra mucilage with acrylamide: synthesis, characterization and swelling behaviour”, Anuradha Mishra, James H Clark, Sunita Pal, *Carbohydrate Polymers*, 72, 608-615 (2008)
11. “Synthesis of graft copolymers of xyloglucan and acrylonitrile”, Anuradha Mishra, James H. Clark, Annu Vij and Swati Daswal, *Polym. Adv. Technol.*, 19, 99-104 (2008)
12. “Curcumin, a natural colorant as initiator for photopolymerization of styrene: Kinetics and mechanism”, Anuradha Mishra and Swati Daswal, *Colloid and Polymer Science*, 285, 1109-1117 (2007)
13. “Copolymerization of n-butylacrylate with methylmethacrylate by a novel photoinitiator, 1-(Bromoacetyl)pyrene”, Anuradha Mishra and Swati Daswal, *Inter. J. Chem. Kinetics*, 39(5), 261-267 (2007)
14. “Polyacrylonitrile grafted okra mucilage: A renewable reservoir to polymeric materials”, Anuradha Mishra and Sunita pal, *Carbohydrate Polymers*, 68, 95–100 (2007).

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15. "Copolymerization of styrene with acrylonitrile by a novel photoinitiator, 1-Bromoacetyl) pyrene", Anuradha Mishra and Swati Daswal, Colloid and Polymer Science 285, 397-404 (2007)
16. "Tamarindus indica mucilage and its acrylamide grafted copolymer as flocculants for removal of dyes", Anuradha Mishra, Malvika Bajpai, Sunita Pal, Monika Agarwal and Sushant Pandey, Colloid and Polymer Science, 285, 161-168 (2006)
17. "1-(Bromoacetyl) pyrene and its arsonium salt as novel photoinitiators for styrene polymerization", Anuradha Mishra and Swati Daswal, Journal of Applied Polymer Science, 101 (3) 1793-1798 (2006)
18. "Polymerization of n-butyl acrylate photoinitiated by 1-(Bromoacetyl) pyrene and its arsonium salt", Anuradha Mishra and Swati Daswal, Journal of Macromolecular Science, A 43, 1-11 (2006)
19. Copolymerization of n-butylacrylate with styrene by a novel photoinitiator, 1-(Bromoacetyl) pyrene, Anuradha Mishra and Swati Daswal, Journal of Applied Polymer Science, 102 (4), 3233-3239 (2006)
20. "Biodegradable Graft Copolymers of Fenugreek Mucilage and Polyacrylamide: A Renewable Reservoir to Biomaterials", Anuradha Mishra, Alpa Yadav, Sunita Pal and Anushrita Singh, Carbohydrate Polymers, 65, 58-63 (2006)
21. "1-(Bromoacetyl)pyrene, a novel photoinitiator for the copolymerization of styrene and methylmethacrylate", Anuradha Mishra and Swati Daswal, Radiation Physics and Chemistry, 75(9), 1093-1100 (2006)
22. "Methylmethacrylate Polymerization Photoinitiated by 1-(Bromoacetyl) pyrene", Swati Daswal and Anuradha Mishra, Journal of Applied Polymer Science 99(3), 920-926 (2006).
23. The Flocculation Performance of Tamarindus Mucilage In Relation To Removal of Vat and Direct Dyes, Anuradha Mishra and Malvika Bajpai, Bioresource Technology, 97(8) 1055-1059 (2006)
24. "Removal of sulphate and phosphate from aqueous solutions using a food grade polysaccharide as flocculant", Anuradha Mishra and Malvika Bajpai, Colloid and Polymer Science, 284(4), 443 - 448 (2006)
25. "Removal of Dyes by Biodegradable Flocculants - A Lab Scale Investigation", Anuradha Mishra, Malvika Bajpai and Sushant Pandey, Separation Science Technology, 41, 1-11 (2006)
26. "Grafting of polyacrylamide onto tamarind mucilage", Anuradha Mishra and Malvika Bajpai, J. Macromol. Sci., Part A: Pure and Applied Chemistry 43, 315-326 (2005)
27. "Curcumin, a novel natural photoinitiator for the copolymerization of styrene and methylmethacrylate", Anuradha Mishra and Swati Daswal, J. Macromol. Sci., Part A: Pure and Applied Chemistry, 42(12), 1667-1678(2005)
28. "Synthesis and Characterization of Polyacrylamide Grafted Copolymers of Kundoor mucilage", Anuradha Mishra and Malvika Bajpai, J. Appl. Polym. Sci., **98**, 1186-1191(2005)

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29. "Flocculation behaviour of model textile wastewater treated with a food grade polysaccharide", Anuradha Mishra and Malvika Bajpai, Journal of Hazardous Materials, B118, 213-217(2005)
30. "Plantago psyllium-grafted-Polyacrylonitrile: Synthesis, characterization and its use for solid removal from sewage wastewater", Anuradha Mishra, Alpa Yadav, Monika Agarwal and Rajani Srinivasan, Chinese Journal of Polymer Science, 23, 113-118(2005)
31. "Use of polyacrylamide grafted Plantago psyllium mucilage as flocculant for treatment of textile wastewater", Anuradha Mishra, Rajani srinivasan, Malvika Bajpai and Rashmi Dubey, Colloid Polym Sci., 282, 722-727 (2004)
32. "Fenugreek Mucilage for Solid Removal from Tannery Effluent", Anuradha Mishra, A.Yadav, M. Agarwal and M.Bajpai, Reactive and Functional Polymers, 59(1), 99-104 (2004)
33. "Polyacrylonitrile grafted plantago psyllium mucilage for the removal of suspended and dissolved solids from tannery effluent", Anuradha Mishra, Alpa Yadav, Monika Agarwal and S. Rajani, Colloid Polym Sci 282, 300 (2004)
34. "Utilization of Biodegradable Okra Gum for the Treatment of Tannery Effluent", M. Agarwal, S. Rajani, J.S.P.Rai and Anuradha Mishra, International Journal of Polymeric Materials, 52, 985-998 (2003)
35. "Fenugreek mucilage as a flocculating agent for sewage treatment", Anuradha Mishra, Monika Agarwal and Alpa Yadav, Colloid Polym Sci 281, 164-167 (2003)
36. "P.psyllium-g-polyacrylonitrile: Synthesis and characterization", Anuradha Mishra, Rajani srinivasan, and Ramkumar Gupta, Colloid Polym Sci., 281, 187-189 (2003)
37. "Effect of Diluent on the Decomposition Behavior of Vinyl Ester Resin", S.Agarwal, Anuradha Mishra and J.S.P. Rai, J. Appl. Polym. Sci., 87 (12), 1952 (2003)
38. "Effect of Diluents on the Curing Behavior of Vinyl Ester Resin", S.Agarwal, Anuradha Mishra and J.S.P. Rai, J. Appl. Polym. Sci., 87(12) 1948 (2003)
39. "Air Quality Index and its interpretation for the city of Delhi", M.Sharma, R. Pande, B. Sengupta, B.P. Shukla, Anuradha Mishra and M. Maheshwari, Clean Air International Journal on Energy for a Clean Environment, 4(3), 269-283 (2003)
40. "Flocculation of Textile Wastewater by Plantago Psyllium Mucilage", Anuradha Mishra, S.Rajani and R. Dubey, Macromol. Mater. Eng., 287, 592 (2002)
41. "Plantago Psyllium Mucilage for Sewage and Tannery EffluentTreatment", Anuradha Mishra, M. Agarwal, M. Bajpai, S.Rajani and R.P.Mishra, Iranian Polymer Journal, 11(6), 381 (2002)
42. "P.psyllium-g-Polyacrylamide: Synthesis and Characterization", Anuradha Mishra, S. Rajani, M. Agarwal and R. Dubey, Polymer Bulletin 48, 439-444 (2002)
43. "Synthesis of Plantago psyllium mucilage grafted polyacrylamide and its flocculation efficiency in Tannery and Domestic waste water", M.

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- Agarwal, S.Rajani and Anuradha Mishra, Journal of Polymer Research, 9(1), 69-73 (2002)
44. "Synthesis of Plantago psyllium mucilage grafted polyacryloniyrile and its flocculation efficiency in Textile Effluent", S. Rajani, M. Agarwal and Anuradha Mishra, Water Quality Research Journal of Canada, 37, 371-378, (2002)
45. "Decomposition Behavior of Acrylate Terminated Vinyl Ester Resins Prepared in Presence of Tertiary Amines", S. Agarwal, D. Srivastava, Anuradha Mishra and J.S.P. Rai, Polymer Plastic Technology and Engineering, 41 (2), 1-14 (2002)
46. "Synthesis, Characterization and Flocculation efficiency of Sodium Alginate-g-Polyacrylamide in Textile Waste water", S.Rajani, M. Agarwal, Padma S.Vankar and Anuradha Mishra, Asian Textile Journal, 11(2), 48 (2002)
47. "Study on Flocculation Efficiency of Okra Gum in Sewage wastewater", M. Agarwal, S.Rajani and Anuradha Mishra, Macromol. Mater. Eng., 286 (9), 560 (2001)
48. "Synthesis, Characterization and Flocculation efficiency of Poly (acrylamide-co- acrylic acid) in tannery waste-water", A. Jha, S. Agarwal, Anuradha Mishra and J.S.P. Rai, Iranian Polymer J., 10 (2), 85(2001)
49. "Treatment of textile effluent using Sodium alginate as flocculant", S.Rajani, Padma S.Vankar and Anuradha Mishra, Colourage, 48(10), 29 (2001)
50. "Ultrasonic energized dyeing of cotton fabric with Cassia fistula bark (Amaltas)", Padma S.Vankar, Anuradha Mishra, Bhavana Ghorpade and Vandana Tewari, Asian Textile Journal, 10 (11), 56 (2001)
51. "Sonicator Dyeing of Cotton with Eucalyptus bark using Copper and Chromium Mordants, yet Ecofriendly", Bhavana Ghorpade, Vandana Tewari, Anuradha Mishra and Padma S. Vankar, Colourage, 47 (9), 25 (2000)
52. "Ultrasonic energized dyeing of cotton fabric with Eucalyptus bark", Padma S.Vankar, Anuradha Mishra, Bhavana Ghorpade and Vandana Tewari, Asian Textile Journal, 9 (8), 30 (2000)
53. "Ultrasonic energized dyeing of cotton fabric with Cineraria flowers", Padma S.Vankar, Anuradha Mishra, Bhavana Ghorpade and Vandana Tewari, Asian Textile Journal, 9 (7), 58 (2000)
54. "Ultrasonic energized dyeing and durable antimicrobial finish to cotton fabric by Tulsi leaves", Bhavana Ghorpade, Vandana Tewari, Anuradha Mishra and Padma S. Vankar, Asian Textile Journal, 9 (5), 56 (2000)
55. "Ultrasonic Dyeing with Ocimum sanctum(Tulsi leaves) with ecofriendly mordants", Vandana Tewari, Bhavana Ghorpade, Anuradha Mishra and Padma S. Vankar, New Cloth Market, 23 (2000)
56. "Conducting Polypyrrole: A review of chemical and photochemical polymerization", A. Shukla, Anuradha Mishra, G.N.Mathur, Asian Journal of Chemistry Review, 3, 59 (1992)

DEPARTMENT OF APPLIED CHEMISTRY

57. "Curing studies on vinyl ester resin using acrylates as reactive diluents", Krishna Kant, Anuradha Mishra and J.S.P. Rai, Polymer International, 28, 189 (1992)
58. "Sulfur ylide initiated photopolymerization of Methyl Methacrylate", Anuradha Mishra and G.N.Mathur, Asian Journal of Chemistry, 4, 201 (1992)
59. "Arsonium ylide- initiated Photopolymerization of Methyl Methacrylate", Anuradha Mishra and G.N.Mathur, Polymer Communications, 31, 378 (1990)
60. "Photopolymerization of Methylacrylate initiated by an arsonium ylide", Anuradha Mishra and G.N.Mathur, Acta Polymerica, 41, 185 (1990)

61. "Radical Polymerization of Styrene initiated by dimethyl sulfonium-m-nitrophenacyl ylide", Anuradha Mishra and G.N.Mathur, Acta Polymerica, 40, 483-485 (1989)
62. "Polymerization of Methyl Methacrylate using 4- Chlorophenacyl-2-picolinium ylide as radical initiator", Anuradha Shukla and G.N. Mathur, J. Polymer Mater, 1, 227 (1984).
63. "Ligand-dependent transient absorption studies of hybrid polymer:cdse quantum dot composites.", Shailesh N. Sharma, Tanvi Vats, N. Dhenadhayalan, P. Ramamurthy and A.K. Narula, Solar Energy Materials and solar cells, 100, 6-15 (2012).
64. Tanvi Vats, Shailesh N. Sharma, Mahesh Kumar, M. Kar, Kiran Jain, V.N. Singh, B.R. Mehta and A.K. Narula, "Comparison of Photostability, Optical and Structural Properties of TiO₂/Conjugated Polymer Hybrid Composites Prepared via Different Methods", Thin Solid Films Journal 519, 1100-1105(2010)
65. "Hybrid organic-inorganic (MEH-PPV/P3HT:CdSe)nanocomposites: linking film morphology to photostability", S.N. Sharma, U. Kumar, Tanvi Vats, M. Arora, V.N. Singh, B.R. Mehta, K. Jain, R. Kakkar and A.K. Narula, The European Physical Journal Applied Physics 50, 20602(2010).
66. "Effect of mercaptoacetic acid as linker on structural, thermal and optical propertiesof TiO₂-CdSe nanocomposites", S. K. Arya, Tanvi Vats ,Shailesh N. Sharma, Kulvir Singh and A.K. Narula, Journal of thermal analysis and calorimetry DOI 10.1007/s-10973-011-16872.
67. "Probing the compositional, structural and morphological aspects of CdSe-TiO₂", Shailesh N. Sharma, Tanvi Vats, Mahesh Kumar, Kiran Jain And A.K. Narula nanocomposites by surface sensitive techniques", Material science and engineering B 176, 1342-1348 (2011).
68. Tanvi Vats, Sumit Kumar & Kiran Jain "Effect of surface treatment on the photovoltaic properties of titania nanorods and MEHPPV nanocomposites" Colloid and Polymer Science, 292, 3025-3031(2014)
69. "Natural Antioxidants and their Intrinsic Worth for Wellbeing" Bina Rani, Upma Singh, Raaz K Maheshwari, , Global Journal Of Medical Research, Pharma, Drug Discovery, Toxicology And Medicine. 3(7) Ver 1.0.(2013)

DEPARTMENT OF APPLIED CHEMISTRY

70. "Synthesis and Spectral Studies of Macrocyclic Ligand and Study of its Complexes with Bivalent and Trivalent Transition Metal Salts" Upma Singh and Vandna Singh, Int. Journal of Chemistry. 3, 348-354(2013).
71. "Synthesis and Spectroscopic studies of new ligand and its divalent and trivalent metal complexes" Vandna Singh and Upma Singh, Asian Journal of Chemistry. 14, 25, 8195-8198(2013).
72. "A Review of Lanthanide Coordination Compounds: Synthesis, Characterization and Biochemical Aspects", Ram Kumar Agarwal, Surendra Prasad, Upma Singh, Int. J. Chemistry, 1, 264-280(2012).
73. "Synthesis, characterization, antibacterial and antifungal studies of some tetraazamacrocyclic complexes" D.P. Singh, Vandna Malik, R. Kumar, K. Kumar, SS Dheeman, J. Serb. Chem. Soc. 75, 1396-1380 (2010).
74. 'Synthesis and spectral study of biologically active macrocyclic complexes of divalent transition metal ions" D.P. Singh, Vandna Malik, R. Kumar, K. Kumar, Russian J. Coord. Chem., 36, 220-225 (2010).
75. "Template synthesis of macrocyclic complexes of Co(II), Ni(II), Cu(II), Zn(II) and Cd(II): Spectroscopic, antibacterial and antifungal studies" D.P. Singh, Vandna Malik, R. Kumar, K. Kumar J. Serb. Chem. Soc., 75, 763-772 (2010)
76. "Macrocyclic metal complexes derived from 2,6-diaminopyridine and isatin with their antibacterial and spectroscopic studies", D.P. Singh, Vandna Malik, K. Kumar, C. Sharma, A.K. Aneja, Spectrochimica Acta Part A:, 76 A, 45-49 (2010)
77. Synthesis, spectral and antibacterial studies of bivalent transition metal ion macrocyclic complexes" D.P. Singh, Vandna Malik, R. Kumar, K. Kumar, J. Singh, Russian J. Coord. Chem., 35, 740-745 (2009)
78. "Synthesis, spectroscopic and antibacterial activity of tetraazamacrocyclic complexes of trivalent chromium, manganese and iron" D.P. Singh, Vandna Malik, R. Kumar, J. Singh, J. Enzym. Inhib. Med. Chem., 24, 1201-1206 (2009).
79. "Synthesis and characterization of Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) with macrocycle 3,4,11,12-tetraoxo-1,2,5,6,10,13,14-octaaza-cyclohexadeca-6,8,14,16-tetraene and their biological screening", D.P. Singh, Vandna Malik, R. Kumar, P. Tyagi Transition Metal Chemistry, 32, 1051(2007).
80. "Template, synthesis, spectroscopic studies and biological activities of macrocyclic complexes derived from thiocarbohydrazide and glyoxal", Journal of Enzymes, Inhibition and Medicinal Chemistry, D.P. Singh, Vandna Malik, R. Kumar, P. Tyagi, 22, 177(2007)
81. "Surface Modification of Fly Ash for Active Catalysis, Journal of Catalysts", Deepti Jain, Renu Hada and Ashu Rani, Article ID 723957, 9 pages, 2013.
82. "Synthesis and characterization of novel aminopropylated fly ash catalyst and its beneficial application in base catalyzed C-C bond forming reactions", Deepti Jain, Manish Kumar Mishra and Ashu Rani, Fuel Processing Technology, 95, 119-126(2012).

DEPARTMENT OF APPLIED CHEMISTRY

83. "Synthesis and characterization of novel solid base catalyst from fly ash", Deepti Jain, Chitralekha Khatri and Ashu Rani, Fuel, 90, 2083-2088(2011).
84. "MgO enriched coal fly ash as highly active heterogeneous base catalyst for Claisen-Schmidt condensation reaction", Deepti Jain and Ashu Rani, American Chemical Science Journal, 1(2) (2011).
85. "Fly ash supported calcium oxide as recyclable solid base catalyst for Knoevenagel condensation reaction", Deepti Jain, Chitralekha Khatri, Ashu Rani, Fuel Processing Technology, 91, 2015-2021(2010).
86. "Fly ash-supported cerium triflate as an active recyclable solid acid catalyst for Friedel-Crafts acylation reaction", Chitralekha Khatri, Deepti Jain and Ashu Rani, Fuel, 89(12), 3853- 3859 (2010).
87. "Two Aurone Glycosides from heartwood of *Pterocarpus santalinus*." R.K.Gupta et.all Phytochemistry (2004); 65, 3125-3129.
88. "Hypoglycaemic and Antidiabetic Effect of Aqueous Extract of Leaves of *Annona squamosa* (L.) in Experimental Animal." R.K.Gupta et.all, Current science (2005); 88 (8), 1244-54.
89. "Nutritional and Hypoglycemic Effect of Fruit pulp of *Annona squamosa* in Normal Healthy and Alloxan-Induced Diabetic Rabbits." R.K.Gupta et.all, Annals of Nutrition and Metabolism (2005); 49, 407-413.
90. "Hypoglycemic and Antidiabetic Effect of Ethanolic Extract of leaves of *Annona squamosa* L. in Experimental Animals." R.K.Gupta et.all, Journal of Ethnopharmacology (2005); 99, 75–81.
91. "Hypoglycemic Effects of *Murraya koenigii* on Normal and Alloxan-Diabetic Rabbits." R.K.Gupta et.all, Journal of Ethno pharmacology, (2005); 97, 247-251.
92. "Hypoglycemic and antihyperglycemic activity of *Aegle marmelos* Seed Extract in Normal and Diabetic Rats." R.K.Gupta et.all, Journal of Ethnopharmacology (2006); 107, 374-379.
93. "Assessment of Antidiabetic Potential of *Cynodon dactylon* Extract in Streptozotocin Diabetic Rats." R.K.Gupta et.all, Journal of Ethnopharmacology (2007); 114, 174-179.
94. "Studies on the Glycemic and Lipidimic Effect of *Murraya koenigii* in Experimental Animals." R.K.Gupta et.all, Journal of Ethnopharmacology (2007); 112, 305-311.
95. "Invivo Evaluation of Anti-oxidant and Anti-lipidimic Potential of *Annona squamosa* Aqueous Extract in STZ induced Diabetic Rats." R.K.Gupta et.all , Journal of Ethnopharmacology, (2008); 118, 21-25.
96. "Rai, P.K, Jaiswal, D., Singh, R.K, Gupta R.K, Watal, G. Glycemic Properties of *Trichosanthes dioica* Leaves. "R.K.Gupta et.all, Pharmaceutical biology (2008); 46, 894-899.
97. "Structure-based design of DevR inhibitor active against non-replicating *Mycobacterium tuberculosis*." R.K.Gupta et.all , Journal of Medicinal Chemistry (2009); 52, 6324-6334.
98. A Novel Antimicrobial Agents *Trichosanthes Dioica*., R.K.Gupta et.all , *International Journal of Pharma and Bio Sciences* (2010); 1 (3), 1-9.
99. " K182G substitution in DevR or C₈G mutation in the Dev box impairs protein-DNA interaction and abrogates DevR-mediated gene induction in

DEPARTMENT OF APPLIED CHEMISTRY

- Mycobacterium tuberculosis*" R.K.Gupta et.al. *FEBS Journal* (2011); 278 (12), 2131-2139.
- 100.“Effect of *trichosanthes dioica* on oxidative stress and cyp450 gene expression levels in experimentally induced diabetic rats. “R.K.Gupta et.all , *Cell. Mol. Biol.* (2011); 57 (1), 30-38.
101. “Appropriate DevR (DosR)-Mediated Signaling Determines Transcriptional Response, Hypoxic Viability and Virulence of *Mycobacterium tuberculosis*.” R.K.Gupta et.all , *PLoS ONE* (2012), Volume 7 (4) e35847.
- 102.“Evaluation of Anti-diabetic and Anti-lipidimic Potential of Kalongi Sugar Powder Water Extract in STZ Induced Diabetic Rats.” R.K.Gupta et.all ,*International Journal of Pharmacy and Pharmaceutical Sciences* (2013), Vol. 5 (1): 94-96.
103. “Antidiabetic and Antihyperlipidemic Effects of Aqueous Extract of Polyherbal Formulation (Ziabeetein Powder) in Experimental Animals.” R.K.Gupta et.all ,*International Journal of Pharmaceutical and Phytopharmacological Research* (2013), 2(4): 263-267.
- 104.“ Evaluation of Anti Ulcer and Anti-oxidant Activity of Polyherbal Formulation In Wistar Rats.” R.K.Gupta et.all , *International Journal of Pharmaceutical and Phytopharmacological Research*, 2013, 2 (6): 400–406.
- 105.“Graft co polymerization of acrylic acid onto Xanthum gum using PMS/ Fe 2+redox pair” K. Bihari and J.Maitra, *Journal of Applied Polymer Sciences* Volume 89, Issue 5 , Pages 1341 – 1346, 2003.
- 106.“Synthesis and characterization of dextran-g-2-acrylamido-2-methyl-1-propanesulphonic acid using potassium monopersulphate/thiourea redox pair” K. Bihari and J.Maitra *Journal of Designed Monomers and Polymers* Volume 8, Number 4, pp. 335-345(11) 2005.
- 107.3“Studies on graft copolymerization of N-vinyl formamide onto Guar-gum initiated by bromate/ascorbic acid redox pair” K. Bihari and J.Maitra, *Indian Journal Of Chemical Technology*,Vol,12, Nov 2005
- 108.“Graft Copolymerization of 2-Acrylamido-2-Methyl-1-Propanesulphonic acid onto Carboxymethylcellulose(Sodium Salt) using Bromate/ Thiourea redox pair” K. Bihari and J.Maitra, *Journal of Applied Polymer Sciences* Volume 100, Issue 1 , Pages 26 – 34, 2005
- 109.“Polymerization of N- vinyl formamide by using an initiator 2,2'-Azobis[2-(2-imidazolin-2-yl) propane] dihydrochloride” K. Bihari and J.Maitra, *Poly 345 Poly preprint,Division of polymer chemistry, Americal chemical society*
- 110.“Studies on synthesis and chacterization of xanthan gum –g-N –vinyl formamide using PMS/Ag(I) system” K. Bihari and J.Maitra ,*Journal of Applied Polymer Sciences, Journal of Applied Polymer Sciences*, Volume 101, Issue 3 Pages 1637 – 1645 2006
- 111.“Radiation induced graft co-polymerization of vinyl monomers and their binary mixture onto rayon fiber” K. Bihari and J.Maitra, *Journal of Applied Polymer Sciences*, Volume 08 Issue 5, Pages 3104 - 3113 (2008)

Annexure – 2

1. “Greening the Blue: How the World is Addressing the Challenge of Green Remediation of Water”, Anuradha Mishra, James Clark in ‘Green Materials for Sustainable Water Remediation and Treatment’, Anuradha Mishra and James H. Clark (Editors), 2013, RSC Publishing, Royal Society of Chemistry, Cambridge, UK
2. “Applications of Ionic Liquids in Metal Extraction”, Geeta Durga, Deepti Goyal, Anuradha Mishra, in ‘Green Materials for Sustainable Water Remediation and Treatment’, Anuradha Mishra and James H. Clark (Editors), 2013, RSC Publishing, Royal Society of Chemistry, Cambridge, UK
3. “Nanomaterials for Water Remediation” Deepti Goyal, Geeta Durga, Anuradha Mishra, in ‘Green Materials for Sustainable Water Remediation and Treatment’, Anuradha Mishra and James H. Clark (Editors), 2013, RSC Publishing, Royal Society of Chemistry, Cambridge, UK.
4. “Zeolites in Wastewater Treatment” Abha Dubey, Deepti Goyal, Anuradha Mishra, in ‘Green Materials for Sustainable Water Remediation and Treatment’, Anuradha Mishra and James H. Clark (Editors), 2013, RSC Publishing, Royal Society of Chemistry, Cambridge, UK
5. “Sustainable Polymer Chemistry: An Introduction to Microwave Heating as a Tool for Polymerization” in ‘Approach towards Cleaner Environment’, Anuradha Mishra and Abha Dubey (Editors), 2013, Durga Publication (ISBN: 81-8428-016-5), India
6. “Green Polymer Synthesis: An Overview on Use of Microwave-Irradiation”, Anuradha Mishra and Rashmi Dubey, in “Green Chemistry for Environmental Remediation” Editors: Dr. Rashmi Sanghi and Dr Vandana Singh, Wiley Scrivener Publishing LLC (2011)
7. “Remediation of Dye Containing Wastewater Using Viable Algal Biomass” Seema Dwivedi, Tanvi Vats, in ‘Green Materials for Sustainable Water Remediation and Treatment’ Anuradha Mishra and James H. Clark (Editors), 2013, RSC publishing, Royal Society of Chemistry, Cambridge, UK.
8. “Simple Reactions” Deepti Goyal in ‘Physical Chemistry’, 2014, Vardhman Mahaveer Open University (UGC affiliated), Kota, Rajasthan, ISBN: CH04 13/978-81-8496-464-6.
9. “Enzyme Catalysis” Deepti Goyal in ‘Physical Chemistry’, 2014, Vardhman Mahaveer Open University (UGC affiliated), Kota, Rajasthan, ISBN: CH04 13/978-81-8496-464-6.
10. “UV-VIS Spectroscopy” Deepti Goyal in ‘Physical Chemistry’, 2014, Vardhman Mahaveer Open University (UGC affiliated), Kota, Rajasthan, ISBN: CH04 13/978-81-8496-464-6.

Annexure – 3

1. ‘Microwave-Assisted Polymerization’, **Anuradha Mishra**, Tanvi Vats and James H Clark, (2015), Green Chemistry Series, RSC Publishing, Royal Society of Chemistry, Cambridge, UK www.rsc.org/.../Microwave-Assisted_Polymer.
2. ‘Physical Chemistry Experiments: Theory and Practical’ Deepti Goyal, Alpa Yadav and **Anuradha Mishra** (2014), (ISBN: 978-8186400-325-7), Nirmal publications, New Delhi.
3. Textbook of Polymer Chemistry, V.K.Ahluwalia and **Anuradha Mishra**, Edition: 2008, Ane Publication, (ISBN:88180521515) New Delhi
4. Experiments in biotechnology & plant tissue culture. **Alpa Yadav** and Dr.ArvinYadav. Nirmal Publication, 2012, Delhi.
ISBN: 81-86400-152-4
5. Eco-system and environment, Alpa Yadav, Nirmal Publication, 2014, Delhi. ISBN: 81-86400-267-2

**DEPARTMENT OF ENVIRONMENTAL
SCIENCE**

**SCHOOL OF VOCATIONAL STUDIES
AND APPLIED SCIENCE**

DEPARTMENT OF ENVIRONMENTAL SCIENCE

1. **Name of the Department**-Department of Environmental Science
2. **Year of establishment**-2012
3. **Is the Department part of a School/Faculty of the university?**
Yes, School of Vocational Studies and Applied Sciences.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
Names of Programs/Courses offered:
Under Graduate: Environmental Studies (ES101)
B.Tech., Computer Science Engineering
B.Tech., Electronics & Communication Engineering
B.Tech., Electrical Engineering
B.Tech., Mechanical Engineering
B.Tech., Civil Engineering
B.Tech., Biotechnology
B.Tech.,Food Processing and Technology
BA LLB
BA Buddhist

Post Graduate

M.Sc.Environmental Science

Ph.D

Environmental Science

5. **Interdisciplinary programmes and departments involved : nil**
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Not Applicable
7. **Details of programmes discontinued, if any, with reasons**
Not Applicable
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**
Choice Based Credit System,All the courses offered are Semester Based. In B. Tech courses, evaluation is based on SPI (Semester Performance Index) and CPI (Cumulative Performance Index)
9. **Participation of the department in the courses offered by other departments:**
Applied chemistry faculty takes 3 courses of Environmental Science department.

DEPARTMENT OF ENVIRONMENTAL SCIENCE

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

Sanctioned	Actual (Including Filled CAS & MPS)	
Professor	NIL	
Associate Professors	NIL	
Asst. Professors	NIL	
Others	NIL	

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

All are guest faculties.

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. Students guided for the last 4 years

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

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

M.Sc. environmental Science -85% by guest faculty

Environmental Studies for All UG programmes- 100% by guest faculty

Name of Guest Faculty	Education	Programme taken
Dr.Amit Singh	NET,Ph.D	M.Sc
Dr.JayaTiwari	NET,Ph.D	M.Sc
Dr.AshaPandey	NET ,Ph.D	M.Sc
Dr.Sandeep Kumar Gautam	NET,Ph.D	M.Sc,B.Tech EC &CS
Dr.Priyangshusarma	NET,Ph.D	M.Sc
Mrs.SwatiSappal	NET, Ph.D thesis submitted	M.Sc
Mr.MayankDubey	M.Sc.,M.Tech	M.Sc
Mr.Anil Kumar	NET,Ph.D thesis submitted	BA

DEPARTMENT OF ENVIRONMENTAL SCIENCE

14. Programme-wise Student Teacher Ratio

Program	Student Teacher ratio
Undergraduate programmes	70:1
M.Sc.Environmental Science	7:1
Ph.D	1:1

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

Post	Sanctioned	Filled
Technical Lab Assistant		01
Class IV		01

Administrative staff (Not Applicable), at School Level-02.

16. Research thrust areas as recognized by major funding agencies

None

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.

None

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

None

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

None

20. Research facility / centre with

state recognition

national recognition

international recognition

None

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)

None

- * 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 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
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).
 - They are recommended for teachers training program.
 - They are also allowed to go for national/International conferences, Seminar & symphonized. They are encouraged to participate in orientation and refresher courses.
28. Student projects
percentage of students who have done in-house projects including inter-departmental projects
80%
- percentage of students doing projects in collaboration with other universities /industry / institute
20%
29. Awards/recognitions received at the national and international level by
Faculty None
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.
None
31. Code of ethics for research followed by the departments-
No plagiarism

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Should not increase environmental pollution

Should not be harmful to students carrying out research.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Environmental Science					
2012	Exam Section	01	02	100%	100%
2013	Exam Section	04	04	100%	100%
2014	Exam Section	02	05	Process	Process
2015	Process	Process	Process	Process	Process
Ph.D Environmental Science(2012)	Exam Section	01	00	Process	

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. Environmental Science				
2012	Nil	Nil (00%)	03 (100%)	Nil
2013	Nil	04 (44%)	05 (55%)	Nil
2014	Nil	01(14%)	06 (86%)	Nil
2015	Process	Process	Process	Process
Ph.D Environmental Science	Nil	Nil	01	Nil

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

NIL

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NOT APPLICABLE
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NOT APPLICABLE

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Employed	
<input type="checkbox"/> Campus selection	NIL
<input type="checkbox"/> Other than campus recruitment	2 in teaching job
Entrepreneurs	???

36. Diversity of staff

Percentage of faculty who are graduates of the same university	NIL
from other universities within the State	NIL
from universities from other States	
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
None

38. Present details of departmental infrastructural facilities with regard to

- a) Library -NA (Central Facility)
- b) Internet facilities for staff and students-Yes (for all, round the clock)
- c) Total number of class room
- d) Class rooms with ICT facility -01
- e) Students' laboratories -02
- f) Research laboratories -01

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

- a) from the host institution/university -NONE
- b) from other institutions/universities -NONE

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.

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)**
NONE
44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**
Special Lectures/ Seminars/Science day
45. **List the teaching methods adopted by the faculty for different programmes.**
Board Room and Audio Visual
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
47. **Highlight the participation of students and faculty in extension activities.**
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.**
NO
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.**
Weakness... NO Full time Faculty in this department
52. **Future plans of the department.**
Developing research facilities.
Adding good Faculty Members
Organizing Seminars/Workshops/FDP/Conferences etc.

**DEPARTMENT OF FOOD PROCESSING AND
TECHNOLOGY**

**DEPARTMENT OF FOOD PROCESSING
AND TECHNOLOGY**

**SCHOOL OF VOCATIONAL STUDIES AND
APPLIED SCIENCE**

DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

- 1. Name of the Department:**
Department of Food Processing and Technology
- 2. Year of establishment:** 2012
- 3. Is the Department part of a School/Faculty of the university?**
Yes, the Department is a part of School of Vocational Studies and Applied Sciences (SOVSAS), GBU.
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):**
Integrated B.Tech+M.Tech /MBA(Food Processing and Technology), M. Tech (Food Processing and Technology) M. Sc. (Food Science)
- 5. Interdisciplinary programmes and departments involved :**
Yes, students of Food Technology department have studied courses of other departments as open elective subjects in various degree programs
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc:** Yes, some of our students visited various universities/labs. to complete their part of research projects
- 7. Details of programmes discontinued, if any, with reasons :**
Not any
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :** Semester system (Choice Based Credit System)
- 9. Participation of the department in the courses offered by other departments :** The Open elective course was offered from department to the students of other departments and School viz. Department of Chemistry, Environment Science, and School of Biotechnology
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) :**

For details, refer to section 1(24) of SSR Report

	Sanctioned	Filled	Actual(including CAS and MPS)
Professor		NIL	
Associate professor		NIL	
Assistant professor		NIL	
Others(Faculty associate)		2	

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

DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Ashish M. Mohite	B.Tech, M.Tech, NET	Faculty/ Research Associate	Processing and Food Engineering	06 Years	M.Tech = 13
Ashish Dixit	B.Tech, M.Tech, NET	Faculty/ Research Associate	Food Technology	07 Years	M.Tech = 13

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

None

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

Integrated B.Tech+M.Tech /MBA(Food Processing and Technology) - 90%

M.Tech (Food Processing and Technology) - 60%

M.Sc. (Food Science) -50%

- 14. Programme-wise Student Teacher Ratio**

Program	Student Teacher Ratio
Integrated B.Tech+M.Tech /MBA(Food Processing and Technology)	10:1
M. Tech. (Food Processing and Technology)	6:1
M. Sc. (Food Science)	5:1

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

Position	Sanctioned	Filled	Actual
Lab Technician		01	
Lab Attendant		01	

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

None

- 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.**

DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

- None
- 18. Inter-institutional collaborative projects and associated grants received**
- | | |
|----------------------------------|---------|
| (a) National collaboration- | Not Yet |
| (b) International collaboration- | Not Yet |
- 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**
- None
- 20. Research facility / centre with**
- | | |
|-----------------------------|------|
| State recognition - | None |
| National recognition - | None |
| International recognition - | None |
- 21. Special research laboratories sponsored by / created by industry or corporate bodies**
- Not yet established
- 22. Publications: Number of papers published in peer reviewed journals (national/international): 21**
- | | |
|------------------|--------------------------------------|
| Monographs: | Nil |
| Book Chapters: | Nil |
| Edited Books- | Nil |
| Citation Index – | 01 |
| SNIP- | Nil |
| SJR- | Nil |
| Impact Factor: | Range (1.159-5.176) / average- 4.452 |
| h-index- | 01 |
- 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).**
University funds faculty members for doing faculty recharge programmes. Details of professional development allowances is enclosed as annexure
- 28. Student projects**
percentage of students who have done in-house projects including inter-departmental projects
- ~ 75%

DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

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

~ 25%

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

Faculty- All faculties are NET qualified

Doctoral / post doctoral fellows

Students

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

None

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

As per institutional ethical committee of conduct/ethic

- 32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
Integrated B.Tech+M.Tech /MBA(FPT)					
2012		04	01	On going	On going
2013		09	10	On going	On going
2014		14	08	On going	On going
2015		13	11	On going	On going
M. Tech. (Food Processing and Technology)					
2012		11	08	100%	100%
2013		08	03	100%	100%
2014		09	03	On going	On going
2015		04	06	On going	On going
M. Sc. (Food Science)					
2012		02	00	100%	00
2013		06	10	67%	100%
2014		00	02	On going	On going
2015		01	05	On going	On going

- 33. Diversity of students**

Name of	% of students	% of students	% of students	% of students
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DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

the Programme	from the same University	from other University within the state	from Universities outside the state	from other countries
Integrated B.Tech+M.Tech /MBA(FPT)				
2012	NIL	100	0	0
2013	NIL	81	19	0
2014	NIL	65	35	0
2015	NIL	75	25	0
M.Tech (Food Processing and Technology)				
2012	NIL	95	5	0
2013	NIL	100	0	0
2014	NIL	42	82	0
2015	NIL	60	40	0
M.S.c (Food Science)				
2012	NIL	100	0	0
2013	NIL	82	18	0
2014	NIL	50	50	0
2015	NIL	84	16	0

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

NIL

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
• Campus selection	Refer to Annexure
• Other than campus recruitment	70%
Entrepreneurs	Not Known

36. Diversity of staff

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

- 37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and**

DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

D.Litt. during the assessment period

NONE

- 38. Present details of departmental infrastructural facilities with regard to**
- a) Library – Central Library Facility Available
 - b) Internet facilities for staff and students-Yes (for all, round the clock)
 - c) Total number of class rooms 06
 - d) Class rooms with ICT facility 04
 - e) Students' laboratories 04
 - f) Research laboratories NIL
- 39. List of doctoral, post-doctoral students and Research Associates**
- from the host institution/university- NONE
 - from other institutions/universities- NONE
- 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.**
- Feedback by experts
- 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 feedback is taken regularly from the faculty on curriculum as well as teaching learning evaluation. The contents of the syllabi are modified from time to time depending upon the recent advances in the subjects and latest requirements from the industry.
- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**
- Yearly feedback is obtained at university level. Subsequently students concerns addressed at the department level
- c) Alumni and employers on the programmes offered and how does the department utilize the feedback?**
- NA
- 43. List the distinguished alumni of the department (maximum 10)**
- i. Manjeet Kaur , Scientist, FARE,Food Analysis and Research Lab, Gurgaon, Haryana
 - ii. Supriya Gupta, Scientist, FARE,Food Analysis and Research Lab, Gurgaon, Haryana
 - iii. Vikram, Senior Analyst, Intertek India Pvt Ltd ,Gurgaon, Haryana
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**
- Special Lectures/ Seminars/Science day
- 45. List the teaching methods adopted by the faculty for different**

DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

programmes.

- Use of ICT's, Multimedia tools, presentations, tutorial assignments, demonstrations in Teaching. Laboratory rotational exercise followed to involve all students.
- New practical's incorporated from time to time.
- Resource material provided to supplement teaching through E-Books and class notes.
- Industrial and other Educational Tours are organized regularly.
- Industrial Trainings is a part of curriculum.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through Oral presentations, Assignments, class tests, quizzes & tutorials

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

- Participation in sports and games
- Participation in quiz contest
- Cultural activities
- Volunteer and Proctorial duties

48. Give details of "beyond syllabus scholarly activities" of the department.

Quiz contest, Scientific posters, Education tours, Science day Celebration, Workshop and conferences, orientation of the students for appropriate choice of the career

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 of the department are involved in executing research in the areas of Food Processing and Technology, which are of direct relevance to the society.

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

Strengths

- Centrally air conditioned Building with complete ICT facilities
- Good labs established for practicals and research
- Well established Course curriculum according to CBCS
- Interdisciplinary research

Weakness

- Lack of Senior Faculty member's
- Absence of Alumni network that can help in placement and fund raising.
- We need more funds and resources.

Opportunities

- To develop the Department as a Centre of Excellence for quality teaching, research and extension services to

DEPARTMENT OF FOOD PROCESSING AND TECHNOLOGY

produce dynamic and knowledgeable human resources and act as a knowledge power-house capable of contributing to the national development and welfare of the society.

- To develop collaborative research work with other reputed research and educational institutions.

Challenges

- Mushrooming of private universities in every nook and corner is leading to decline in student admission.
- To obtain research funding from different research agencies

52. Future plans of the department

The department is planning to have MoU with research institutions with Excellence in the field of Food processing and technology. To developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The department focuses on the student community to imbue them with passion for knowledge and creativity and to promote sustainable growth in academic resources, student placements, holistic human development with a strong conviction for professional ethics, social and environmental issue.

Annexure-Vol-II/1

ANNEXURE -Vol-II/1 (Application Form Details 2013-14)

Programme Code	Programme Name	Seat Offered	Gen		Total	OBC		Total	SC		Total	ST		Total	Grand Total
			Male	Female		Male	Female		Male	Female		Male	Female		
U 01	Integrated Dual Degree Programme B. Tech. + M. Tech. / MBA	300	197	65	262	127	22	149	118	25	143	4		4	558
U 02	Bachelor of Architecture (B.Arch.)	40	13	18	31	2	1	3	2	2	4			0	38
U 03	Integrated Dual Degree Programme BBM + MBA	60	15	12	27	14	3	17	8	5	13			0	57
U 04	Integrated Dual Degree Programme B. Tech. + M. Tech. / MBA Food Processing & Technology	60	1	4	5	2	1	3	1	2	3			0	11
U 05	BA LLB	60	9	7	16	7		7	3	4	7			0	30
U 06	Integrated Dual Degree Programme B. Tech. + M. Tech. / MBA (Biotechnology)	60		4	4	8	2	10	9	4	13			0	27
P 21	Master in Urban & Regional Planning	20			0			0			0			0	0
P 22	M. Tech. in Environmental Engineering	20			0			0			0			0	0
P 23	M. Tech in Power System Engineering	20			0	1	1	2	1		1			0	3
P 24	M. Tech. in Industrial Engineering & Management	20	1	1	2	1		1	3		3			0	6
P 25	M. Tech. in Structural Engineering	20	4		4	1		1	1		1			0	6
P 26	M. Tech. in Environmental Science and Engineering for Science Graduates	20	1		1			0			0			0	1
P 27	M. Tech. (Biotech.) for Science Graduates	60	5	3	8	1		1		1	1			0	10
P 28	M. Tech.(Biotech) for B. Tech./M.Sc. Candidates	30	1	1	2	1		1			0			0	3
P 29	M. Tech. (ICT) for Engineering Graduates	80	7	4	11	7	2	9	4	2	6			0	26
P 30	MBA	120	5	1	6	11		11	4	3	7	1		1	25
P 31	M. Tech. Food Processing and Technology	30	1		1			0			0			0	1
P 32	M.Sc. Applied Chemistry	30	1		1	1		1	1		1			0	3
P 33	M.Sc. Applied Physics	30			0			0			0			0	0
P 34	M.Sc. Applied Mathematics	30			0		1	1			0			0	1
P 35	M.Sc. Environmental Science	30	1		1		2	2			0			0	3
P 36	M.Sc. Food Science	30			0			0	1	1	2			0	2
P 37	M.A. (Buddhist Studies & Civilization)	30			0			0			0			0	0
P 38	M.Phil	20			0			0	1		1			0	1
P 39	M.A. in Hindi	30			0			0			0			0	0
P 40	M.A. in Urdu	30			0			0			0			0	0
P 41	M.A. in Sociology	30		1	1			0			0			0	1
P 42	M.A. in Economics Planning & Development	30			0			0			0			0	0
P 43	M.A. in Political Science & International Relations	30		1	1			0			0			0	1
P 44	M.A. in Applied Psychology	30			0			0			0			0	0
P 45	MSW(Master in Social Work)	30	2		2			0			0			0	2
P 46	Master in Mass Communication (MMC)	30		1	1			0			0			0	1
P47	M.Phil in Clinical /Rehabilitation Psychology	10		1	1			0	1		1			0	2
			264	124	388	184	35	219	158	49	207	5	0	5	819

	Male	Female	Total
Gen	264	124	388
OBC	184	35	219
SC	158	49	207
ST	5	0	5
Grand			819

ANNEXURE -Vol-II/1

Application Form Details 2014-15

S. N.	Programme Name	Code	Applications
1	Masters in Urban & Regional Planning	P01	9
2	M. Tech. in Environmental Engineering	P02	16
3	M. Tech. in Structural Engineering	P03	35
4	M. Tech. in Power System Engineering	P04	67
5	M. Tech. (Biotech.) for Science Graduates	P05	41
6	M. Tech.(Biotech) for B. Tech./M.Sc. Candidates	P06	78
7	M. Tech. (ICT) for Engineering Graduates	P07	107
8	M. Tech. in Computer Science	P08	80
9	M. Tech. in Embedded Systems	P09	26
10	Master Of Business Administration (MBA)	P10	144
11	M. Tech. Food Processing and Technology	P11	42
12	M.Sc. Applied Chemistry	P12	36
13	M.Sc. Applied Physics	P13	34
14	M.Sc. Applied Mathematics	P14	15
15	M. Sc. Environmental Science	P15	18
16	M.Sc. Food Science	P16	22
17	M.A. (Buddhist Studies & Civilization)	P17	3
18	M.Phil (Buddhist Studies & Civilization)	P18	18
19	M.A. in Applied Psychology	P19	38
20	M.A. in Economics Planning & Development	P20	31
21	M. A. in English	P21	13
22	M. A. in History and Civilization	P23	5
23	M.A. in Political Science & International Relations	P24	14
24	M.A. in Sociology	P25	4
25	M.A. in Urdu	P26	7
26	Master in Mass Communication (MMC)	P27	15
27	MSW (Master in Social Work)	P28	39
28	M.Phil in Clinical / Rehabilitation Psychology	P29	23
29	Ph.D. (School of Biotechnology)	R01	137
30	Ph.D. (School of Buddhist Studies & Civilization)	R02	47
31	Ph.D. (School of Management)	R06	250
32	Ph.D. (Applied Physics)	R71	39
33	Ph.D. (Applied Chemistry)	R72	26
34	Ph.D. (Applied Mathematics)	R73	39
35	Ph.D. (Environmental Science)	R75	20
36	Integrated Dual Degree Programme (B. Tech. + M. Tech. / MBA)	U01	3146
37	Bachelor in Architecture	U02	218
38	Integrated Dual Degree Programme (BBM + MBA)	U03	155
39	Integrated Dual Degree Programme (B.Tech. + M.Tech./MBA) Food Pr	U04	139
40	BA LLB	U05	165
41	Integrated Dual Degree Programme (B. Tech. + M. Tech. / MBA) Biote	U06	165

42 B.A. (Hons)+M. A. in Buddhist Studies and Civilization

U07

27

Total

5553

ANNEXURE -Vol-II/1

Application form Detail (2015-16)

Programme Name	Code	Applications
Integrated/Dual Degree Programme (B. Tech - M. Tech / MBA) in Food Processing and Technology	L01	4
Integrated/Dual Degree Programme (B. Tech - M. Tech./ MBA) in Biotechnology	L02	4
Integrated/Dual Degree Programme (B. Tech - M. Tech/ MBA) in Engineering/ICT	L03	92
Masters in Urban & Regional Planning	P01	16
M. Tech. in Environmental/Structural Engineering	P02	90
M. Tech. in Power System/Power Electronics and Drive/Instrumentation and Control Engineering	P03	65
M. Tech. in Manufacturing/Design/Thermal Engineering	P04	97
M. Tech (Biotech) (Two years programme)	P05	59
M.Tech(ICI) (Specialization in Software Engineering/Intelligent Systems and Robotics/Wireless Communication)	P06	76
M. Tech. in Computer Science	P07	74
MBA (Specialization in Human Resource Mgt./ Finance /Marketing/ Strategy/Operation/ Information Technology)	P08	212
MBA (Tourism and Travel)	P09	9
M. Tech. Food Processing and Technology	P10	21
M.Sc. Applied Chemistry	P11	36
M.Sc. Applied Physics	P12	20
M.Sc. Applied Mathematics	P13	24
M. Sc. Environmental Science	P14	29
M.Sc. Food Science	P15	15
M.A. (Buddhist Studies & Civilization)	P16	3
M.Phil (Buddhist Studies & Civilization)	P17	21
M. A. in History and Civilization	P18	4
M.A. in Economics Planning & Development	P19	10
M. A. in English	P20	7
M. A. (Hindi)	P21	5
M.A. in Urdu	P22	1
Master in Mass Communication (MMC)	P23	12
MSW (Master in Social Work)	P24	17
M.A. in Sociology	P25	4
M.A. in Applied Psychology	P26	35
M.A. in Political Science & International Relations	P27	11
M.A. (Education)	P28	3
M.Phil in Clinical / Rehabilitation Psychology	P29	38
Ph.D. (In various areas of Business Management)	R02	176
Ph.D. (School of Biotechnology)	R04	140
Ph.D. (Buddhist Studies and Civilization)	R05	43
Ph.D. (Electrical Engg.)	R11	68
Ph. D. (Civil Engg.)	R12	21
Ph.D. (Applied Chemistry)	R31	10
Ph.D. (Applied Physics)	R32	9
Ph.D. (Applied Mathematics)	R33	34
Integrated Dual Degree Programme (B. Tech. + M. Tech. / MBA)	U01	4025
Bachelor in Architecture	U02	158
Integrated Dual Degree Programme (BBA -MBA)	U03	247
Integrated Dual Degree Programme (B.Tech. + M.Tech./MBA) Food Processing & Technology	U04	81
BA LLB	U05	175
Integrated Degree Programme BBA, LLB	U06	77
Integrated/Dual Degree Programme (B. Tech - M. Tech./ MBA) in Biotechnology	U07	199
BA (Hons)-M. A. in Buddhist Studies and Civilization	U08	33
	Total	6610