

Faculty-Profile

Dr. Sri Krishan Yadav,
Dean Academics
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Educational Qualification:

- Ph.D. on "Some Queuing-Sequencing Problem" from Garhwal University, Srinagar, UK in 1986.
- M.Sc. in Maths from University of Udaipur, Rajasthan in 1971.
- B.Sc. (Non-medical) from Rajasthan University, Rajasthan in 1969.

Experience:

- Working as the Dean Academics of DCE, Gurgaon since 8th May 2017.
- Worked as the HOD of Applied Sciences & Humanities Department of DCE, Gurgaon from July 2010 to 6th May 2017.
- Worked as the Dean of Academics at Dronacharya Group of Institutions, Greater Noida from 2006 to 2010.
- Worked as Lecturer/Reader and HOD in various Government Degree/P.G. Colleges of Haryana from 1971 to 2006.
- Worked as NCC Officer from 1977 to 2000 in the capacity of Coy. Commander and Battalion.

Paper Presentation / Publications:

- A research paper entitled "On N-job,2-machine flow-shop scheduling problem with arbitrary time lags and transportation times of Jobs" in J.O.R.Soc. Japan, Vol.25, No.3 September 1982.
- A research paper entitled "Johnson's 3-machine flow-shop scheduling involving break-down of machines" published in J. Indian Soc. Stat. Oper. Res. Vol.III, No. III, No.1-4.
- A research paper entitled "Trembling Hand Perfection in Repeated Two Stackelberg Leader and Follower" was published in Dronacharya Research Journal (ISSN: 0975-3389) Vol III, Issue II, July- Dec 2011.
- A research paper entitled "Study of Transportation Model" was published in Dronacharya Research Journal (ISSN: 0975-3389) Vol III, Issue I, Jan- June 2011.

Ph. D. Supervision:

- Guided Ph.D research scholar on "Project Management Efficiency using Soft computing & Risk Analysis Techniques" and the degree awarded in 2013.

Seminar / Conference / Workshop:

- Convener as well as Key-note Speaker at the National Seminar "ARASAT"- 2008 , Dronacharya Group of Institutions, Greater Noida.
- Convener as well as Key-note Speaker at the National Seminar "ARASAT"- 2011 Dronacharya College of Engineering, Gurgaon.
- Convener as well as Key-note Speake at the National Seminar Waste water Management (WWM)-2011 , Dronacharya College of Engineering, Gurgaon.
- Keynote speaker in a two day workshop on "Enhancement in Skills and Professional Etiquettes" 23-24 July 2013 at Dronacharya College of Engineering, Gurgaon.

- Keynote speaker in the Faculty Development Program at Dronacharya College of Engineering, Gurgaon in June 2013.
- Delivered inaugural address in a one-day workshop on "Paper Recycling" at DCE, Gurgaon on 17 October 2013.
- Delivered inaugural address in the Extension-lecture on "Sills to Crack Interviews" at DCE, Gurgaon on 21 October 2013.

Special Competency:

- Worked as a member in the Editorial Board of Dronacharya Research Journal (ISSN:0975-3389).
- Appointed as Head Examiner as well as Paper setter by M.D. University, Rohtak.
- Worked as Subject expert on the panel of Haryana Public Service Commission in the recruitment of College Cadre Lecturers.

Faculty-Profile



Mrs. Sanghamitra V. Arora
HOD
sanghamitrav.arora@ggnindia.dronacharya.info

Educational Qualification:

- M.E. from KJSCE, Mumbai University with securing First Class with Distinction, in 2012
- MDBA in Marketing from Symbiosis Institute of Management Studies, Pune. in 2002
- B.E. From A.V.O.C.E., University of Pune, securing First class in 1998.

Experience:

- Presently working as HOD in APS department at Dronacharya College of Engineering Gurgaon from 8th May 2017.
- Worked as Associate Professor in ECE department at Dronacharya College of Engineering Gurgaon from 21st July 2014 to 6th May 2017.
- Worked as an Assistant Professor in K. J. Somaiya College Mumbai of Engineering, for from July 2007 to June 2014.
- Worked as an Assistant Engineer in Production Department at Elin Electronics Ltd. from Jan 2000 to 2001.

Paper Presented/Publication:

- Paper Published "Comparison of Speech Intelligibility Parameter in Cochlear Implants by Spatial Filtering and Coherence Function Methods", IEEEExplore-Conference Proceedings (<http://ieeexplore.ieee.org/7938982/>)Electronic ISBN: 978-1-5090-3411-6, International Journal, 8th June 2017.
- Presented Paper "Comparison of Speech Intelligibility Parameter in Cochlear Implants by Spatial Filtering and Coherence Function Methods" at International Conference on Micro-Electronics and Telecommunication Engineering- ICMETE 2016.(IEEE Computer Society) on 22-23 September 2016.
- Presented research work titled, 'Comparison of Speech Intelligibility Parameter in Cochlear Implants by Spatial Filtering and Coherence Function methods' at IEEE International Conference on Microelectronics and Telecommunication Engineering (ICMETE-16) at SRM University, Ghaziabad on 23 September 2016.
- **"Speech enhancement using Adaptive Spectral Subtraction Method"** in National Conference on Technological Developments In Electronics Engineering, organized by DCE Gurgaon with DST(Ministry of Science & Technology), March 2015
- Effect of time derivatives of MFCC on HMM based Speech recognition system, International Journal of Signal and Image processing, ISSN 2152-5048 (print) ; ISSN 2152-5056 (online)Publisher: ACEEE, USA (a division of IDES), September 2013.
- Modelling and recognition of isolated words using VQ and Hidden Markov Model, International Conference on Computational Intelligence and Information Technology, organised by ACEEE,(Springer), Chennai, 2012.
- Isolated word recognition using Hidden Markov Model, National Conference on Communication, Antenna and Signal Processing, organised by BATU, Maharashtra, 2011.

Workshops/Seminars/Conferences:

- Attended workshop on "Entrepreneur development, Innovation and Patenting" on 7th January 2016.
- **Attended two day Training Programme** on 'IT Consulting' was organized by **Consultancy Development Centre, New Delhi** from **11th-12th November, 2016** at **India Habitat Centre, New Delhi**
- Attended faculty Development Program on 'Modeling & Simulation of Signal processing & Mechatronics systems and Implementation on DSP kits/ Microcontrollers with MATLAB' organized by Department of Electronics and Communication Engineering under Amity School of Engineering and Technology, Amity University, Noida, in collaboration with Math Works.
- Attended workshop on Control Systems, organized by Indian Institute of Technology, Kharagpur in December 2014.
- Attended two day E-seminar on Steps 2 Research conducted by Amal Jyothi College of Engineering, Kanjirappally, Kerala and ISTE Kerala Section & CSI Cochin Chapter, organised at DCE Gurgaon on 19-20 September 2014.
- Attended workshop on 'Speech Signal Processing', organized by National Institute of Technology, Warangal in May 2013.
- Attended workshop on 'Writing Effective Conference Papers', conducted by Indian Institute of Technology, Mumbai in February 2012.
- Attended Training Program on 'Environmental Studies', organized by KJSCE, Vidya Vihar in July 2009.

Professional Memberships:

- Life Member of Indian Society of Technical Education,
- Annual member of IEEE

Faculty-Profile



Dr. Deepika Choudhary
Assistant Professor

Educational Qualifications:

- Ph.D degree in Physics from University of Rajasthan, Jaipur.
- M.Sc (Physics) from University of Rajasthan, Jaipur.
- B.Sc (Physics, Chemistry, Maths) from Govt. College, Khetri, Rajasthan.

Experience:

- Presently working as Assistant Professor in Dronacharya College of Engineering, Gurgaon from 7th August 2018.
- Worked as Research Scientist in DST (WOS-A) project at The Northcap University, Gurgaon.
- Worked as Assistant professor at St. Wilfred's PG College, Jaipur from Feb.2013 - Dec.2014.
- Worked as Assistant professor at SKIT, Jaipur from July.2012 - Jan.2013.
- Worked as Assistant professor (Contract) at MNIT, Jaipur from July 2011 - July 2012.
- Worked as Lecturer at St. Wilfred's PG College, Jaipur from June 2010 - July 2011.

Publications:

1. "Electrical properties of $\text{Se}_{80-x}\text{Te}_{20}\text{Sb}_x$ ($0 \leq x \leq 12$) nanorods"
Deepika, Hukum Singh, Mater. Res. Express, <https://doi.org/10.1088/2053-1591/aad85c>
2. "Electrical conduction mechanism in films of $\text{Se}_{80-x}\text{Te}_{20}\text{Bi}_x$ ($0 \leq x \leq 12$) glassy alloys"
Deepika, Hukum Singh, Canadian Journal of Physics, Doi: [10.1139/cjp-2017-0973](https://doi.org/10.1139/cjp-2017-0973).
3. "Study of Electrical Properties of Nanostructured $\text{Se}_7\text{Te}_{20}\text{M}_6$ (M = Bi, Sb) Thin Films"
Deepika, Hukum Singh, Adv. Sci. Eng. Med. 10, 815-818 (2018)
4. "Study of Temperature Dependent Electrical Properties of $\text{Se}_{80-x}\text{Te}_{20}\text{Bi}_x$ (x = 0, 3, 6) Glasses"
Deepika, Hukum Singh, AIP Conf. Proc. 1953, 090005-1-090005-5
5. "Study of the electrical and optical properties of $\text{Ge}_{27}\text{Se}_{58}\text{Pb}_{15}$ chalcogenide glass"
Deepika, Hukum Singh, K.S. Rathore, N.S. Saxena, J. Asian Ceram. Soc.6 (2018) 30-36.
6. "Study of size distribution in $\text{Se}_{58}\text{Ge}_{39}\text{Pb}_3$ glass using various characterization methods"
Deepika, Hukum Singh, MAPAN-Journal of Metrology Society of India, DOI 10.1007/s12647-017-0240-6.
7. "Optical investigation of vacuum evaporated $\text{Se}_{80-x}\text{Te}_{20}\text{Sb}_x$ (x=0,6, 12) amorphous thin films"
Deepika, Hukum Singh, Infrared Physics and Technology, 85 (2017) 39-43.
8. "Structural and optical study of nanostructured $\text{Se}_{80-x}\text{Te}_{20}\text{Sb}_x$ ($0 \leq x \leq 12$) thin films"
Deepika, Hukum Singh, Nano-structures and Nano-objects,10(2017) 192-197.
9. "Electrical properties of $\text{Ge}_1\text{Se}_{2.5}$ and $\text{Ge}_{0.6}\text{Se}_{2.5}\text{Sn}_{0.4}$ glasses"
Deepika, Hukum Singh and N. S. Saxena, Mater. Res. Express 4 (2017) 035203.
10. "Role of Sb Substitution on Electrical Properties of Se-Te Glasses"
Deepika, Hukum Singh, Indian Journal of Science and Technology, Vol 9(48), DOI: 10.17485/ijst/2016/v9i48/105687, December 2016 1-8.

11. "Study of Thermodynamic Properties of $\text{Se}_{90}\text{Sb}_8\text{In}_2$ Glass"
Deepika, Hukum Singh, K. S. Rathore, and N. S. Saxena, *Adv. Sci. Lett.* 22, 3940–3943 (2016)
12. "Study of Structural and Optical Properties of ZnS:Cu Nanoparticles"
K. S. Rathore, Deepika, and N. S. Saxena, *Adv. Sci. Lett.* 22, 3827–3830 (2016)
13. "Effect of Bi addition on optical properties of Se-Te thin films"
Deepika, Hukum Singh, K.S. Rathore, *OSA conference Proc. Photonics 2016, Tu4A.* 50 (2016).
Doi:10.1364/Photonics.2016.Tu4A.50
14. "Temperature and composition dependence of crystallization rate constant for $\text{Se}_{90}\text{In}_{10-x}\text{Sb}_x$ ($0 \leq x \leq 10$) glasses" Deepika, Hukum Singh, N.S. Saxena, *Proc. Of International conference on Nanotechnology for better living*, Vol. 3 No. 1 (2016) P.156. doi:10.3850/978-981-09-7519-7nbl16-rps-156.
15. "Stability and Percolation threshold of $\text{Ge}_{42-x}\text{Pb}_x\text{Se}_{58}$ ($9 \leq x \leq 20$) Glasses" Deepika, Hukum Singh, N.S. Saxena, *Trans. Ind. Ceram. Soc.* Vol. 75 No.1 (2016)20-24.
16. "Effect of Sub-Tg annealing on the structural relaxation of $\text{Ge}_{1-x}\text{Sn}_x\text{Se}_{2.5}$ ($x=0.3, 0.5$) Glassy alloys" Deepika, Hukum Singh, N.S. Saxena, *Technology Letters*, Vol.3 No.1 (2016) 5-9.
17. "Kinetics of Phase Transformations and Thermal Stability of $\text{Se}_{58}\text{Ge}_{42-x}\text{Pb}_x$ ($x= 15, 18 \text{ \& } 20$) Glasses" Deepika, K.S. Rathore, N.S. Saxena, *New J. Glasses And Ceramics*, 2 (2012) 23-33.
18. "Structural and thermal analysis of overlapping phases of $\text{Ge}_{0.7}\text{Sn}_{0.3}\text{Se}_{2.5}$ Glass" Deepika, N. S. Saxena, *Global J. Analy. Chem.* 2 (2011) 72-80.
19. "Thermodynamics of Glass/Crystal Transformation in $\text{Se}_{58}\text{Ge}_{42-x}\text{Pb}_x$ ($9 \leq x \leq 20$) Glasses"
Deepika, Narendra S. Saxena, *J. Phys. Chem. B*, 114 (2010) 28-35.
20. "Kinetics of glass transition and thermal stability of $\text{Se}_{58}\text{Ge}_{42-x}\text{Pb}_x$ ($9 \leq x \leq 20$) glasses"
Deepika, K.S. Rathore, N.S. Saxena, *Appl. Phys. A* .98 (2010) 441-448.
21. "Heat Capacity and Enthalpy Relaxation in $\text{Ge}_{1-x}\text{Sn}_x\text{Se}_{2.5}$ ($x=0.3, 0.5$) Glasses"
Deepika, Narendra S. Saxena, *AIP Proc.* 1249 (2010) 99-102.
22. "Structural Characterization and Phase Transformation Kinetics of $\text{Se}_{58}\text{Ge}_{42-x}\text{Pb}_x$ ($x=9, 12$) Chalcogenide Glasses" Deepika, Praveen K. Jain, K.S. Rathore, N. S. Saxena, *J. Non-Cryst. Solids*, 355 (2009) 1274–1280.
23. "A Kinetic Analysis on Non-isothermal Glass- Crystal Transformation in $\text{Ge}_{1-x}\text{Sn}_x\text{Se}_{2.5}$ ($0 \leq x \leq 0.5$) Glasses" Deepika, K.S. Rathore, N. S. Saxena, *J. Phys.: Condens. Matter*, 21 (2009) 335102 (8pp).
24. "Evaluation of Specific Heat and Related Thermodynamic Properties of $\text{Ge}_{1-x}\text{Sn}_x\text{Se}_{2.5}$ ($0 \leq x \leq 0.5$) Glasses" Deepika, K.S. Rathore, N. S. Saxena, *J. Therm. Anal. Calorim.*, 98 (2009) 725-730.
25. "Determination of glass forming ability of $\text{Ge}_{1-x}\text{Sn}_x\text{Se}_{2.5}$ ($0 \leq x \leq 0.5$) system using Differential Scanning Calorimetry" Deepika, P. K. Jain, K.S. Rathore, N. S. Saxena, *Phil. Mag. Letters*, 89 (3) (2009) 194–200.
26. "Phase Transformation and Kinetics of Crystallization of $\text{Ge}_{0.5}\text{Sn}_{0.5}\text{Se}_{2.5}$ Glass" Deepika, V.K. Saraswat, P.K. Jain, N.S. Saxena, K. Sharma, T.P. Sharma, S.K. Dhawan: *AIP Proc.*1004, (2008) 85-89.

- 27.** "Thermal stability and glass-forming ability of $\text{Se}_{80-x}\text{Te}_{20}\text{Ag}_x$ ($x = 0, 3, 5, 7$ and 9) chalcogenide glasses" S. Faheem Naqvi, Deepika, N. S. Saxena, D. Bhandari, Philosophical Mag. Letters 91(3)(2011) 182-189.
- 28.** "Thermodynamics and Thermal Stability of Phase Transformations in $\text{Se}_{80-x}\text{Te}_{20}\text{Ag}_x$ ($x=0, 3, 5, 7,$ and 9) Glasses" S. Faheem Naqvi, , N. S. Saxena, Deepika, D. Bhandari, J. Am. Cerem. Soc. 94(2) (2011)462-468.
- 29.** "Effect of particle size variation on structural and optical properties of CdS Nanocrystals" K. S. Rathore, Deepika, N.S. Saxena, Global J. Anal. Chem. 2(2011)8-14.
- 30.** "Glass- crystal transformations in $\text{Se}_{80-x}\text{Te}_{20}\text{Ag}_x$ ($x=0, 3, 5, 7$ and 9) glasses" S. Faheem Naqvi, Deepika, N. S. Saxena, Kananbala Sharma, D. Bhandari, J. Alloys Comp, 506, (2)(2010) 956-962.
- 31.** "Study of Activation Energy, Entropy and Enthalpy of $\text{Se}_{71}\text{Te}_{20}\text{Ag}_9$ in the Glass Transition Region" S. F. Naqvi, Deepika, N. S. Saxena, D. Bhandari, Kananbala Sharma, AIP Proc. 1249 (2010)110-113.
- 32.** "Kinetics of Phase Transformations of $\text{Se}_{71}\text{Te}_{20}\text{Ag}_9$ glassy alloy" S. Faheem Naqvi, Deepika, N. S. Saxena, D. Bhandari, Kananbala Sharma, Chalcogenide Letters, Vol. 7(1) (2010) 39 – 48.
- 33.** "Phase transformations , thermodynamics and structural relaxation of phase separated $\text{Se}_{58}\text{Ge}_{42-x}\text{Pb}_x$ ($9 \leq x \leq 20$) Glasses" N.S. Saxena, Deepika, AIP Proc. 1249 (2010) 11-18.
- 34.** "Effect of 50 MeV Li^{+3} Ion Beam Irradiation on Thermomechanical Properties of PMMA/PC Blend Films" Manasvi Dixit, Deepika, Mahesh Baboo,, Kananbala Sharma, N. S. Saxena, D. K. Avasthi & Pawan K. Kulriya, Int. J. Polym. Mater. Polym. Biomater. Volume 59, Issue 11, 2010, pages 873-890.
- 35.** " Cadmium Sulphide Nanocrystallites: Synthesis, Optical and Electrical studies" K.S. Rathore, Deepika, D. Patidar, N.S. Saxena, K. Sharma, AIP Proc. 1249 (2010)145-148.
- 36.** "Glass transition phenomenon, thermal stability and glass forming ability of $\text{Se}_{90}\text{In}_{10-x}\text{Sb}_x$ ($x=0, 4, 6, 8, 10$) chalcogenide glasses" Praveen Kumar Jain, Deepika, N. S. Saxena, Philos.Mag.B, 89 (7) (2009) 641–650.
- 37.** "Activation Energy of Crystallization and Enthalpy Released of $\text{Se}_{90}\text{In}_{10-x}\text{Sb}_x$ ($x=0, 2, 4, 6, 8, 10$) Chalcogenide Glasses" Praveen K. Jain, Deepika, K.S. Rathore, Nidhi Jain, N. S. Saxena, Chalcogenide Letters Vol. 6 (3) (2009) 97 – 107.
- 38.** "Effect of Cu doping on the structural, optical and electrical properties of CdS Nanoparticles" K.S. Rathore, Deepika, D. Patidar, N.S.Saxena, Kananbala Sharma, J. Ovonic Res. 5 (2009) 175-185.
- 39.** "Structural, optical band gap and photoluminescence studies of chemically capped (ZnS, ZnS:Mn) nanophosphors" K.S. Rathore, Y. Janu, Deepika, K.Sharma, N.S.Saxena, Opto. Elect. Adv. Mater. Rapid Comm., 3(4) (2009) 313-316.
- 40.** "Phase Transformation And Crystallization Kinetics of $\text{Se}_{90}\text{In}_8\text{Sb}_2$ Chalcogenide Glass" Praveen K. Jain, Deepika, K.S.Rathore, N.S.Saxena, Chalcogenide Letters, 5(6) (2008) 126 – 136.

41. "I-V Measurements of Se-Te-Sb Glassy Bulk and Thin Film samples" Vibhav K. Saraswat, V. Kishore, Deepika, N.S. Saxena, T.P. Sharma, L.I. Singh, P.K. Saraswat, Chalcogenide Letters, 5 (5) (2008) 95 – 103.

42. "Band Gap studies in Se-Te-Sn Ternary glassy films" Vibhav K. Saraswat, V. Kishore, Deepika, Kananbala Sharma, N.S. Saxena, T.P.Sharma, Chalcogenide Letters, 4 (5) (2007) 61-64.

Conference/Seminar/Workshops:

- National conference on Advanced Materials and Nanotechnology (AMN-2018), IIIT, Noida. March 15-17, 2018.
- International conference on Science and Engineering of Materials (ICSEM-2018), Sharda University, Greater Noida, Jan.6-8, 2018.
- International conference on Condensed Matter Physics (ICC-2017), Bikaner, November 24-25, 2017.
- International conference on Nanoscience and Nanotechnology, BBAU Lucknow, September 22-24, 2017.
- Raman Memorial Conference 2017 held at Pune University, Pune from March 3-4, 2017.
- International conference on Fiber Optics and Photonics 2016 held at IIT Kanpur from Dec. 4-8, 2016.
- International conference on Engineering Physics, Materials and Ultrasonics held at The NorthCap University, Gurgaon from June 3-4 2016.
- International conference on Nanotechnology for better living held at NIT, Srinagar from May 25-29, 2016.
- 5th National Conference on Thermophysical Properties held at MNIT, Jaipur from Dec. 14-16, 2015.
- International Conference on Multifunctional Materials held at BHU, Varanasi from Dec. 6-9, 2010.
- International School on Glass formers and Glasses held at JNCASR, Bangalore from Jan. 4-20, 2010.
- 5th National conference on Thermophysical Properties held at Deptt. of Applied Physics, M. S. University of Vadodara from Oct. 7-9, 2009.
- Materials Research (MR-09) at IIT Bombay during May 7-9, 2009
- National Conference on Semiconductor Materials & Technology (NC-SMT 2008) at Gurukul Kangri University, Haridwar during October 16-18, 2008
- 4th National Conference on Thermo-physical Properties at Amrita Vishva Vidyapeetham, Kollam, Kerala during September 20-22, 2007.
- International conference on condensed matter physics at University of Rajasthan, Jaipur during November 25-28, 2007.
- 2nd National Conference on Condensed Matter & Material Physics (CMMP-07) at University of Rajasthan, Jaipur during February 01-03, 2007.
- International Seminar on Surface and Interfaces (Techniques and Applications) (ISSI- 2006) at University of Rajasthan, Jaipur during November 10-13, 2006.
- International Workshop on Hydrogen Energy: Production, Storage & Applications (IWHE- 2006) at University of Rajasthan, Jaipur during November 05-09, 2006.
- National Conference on Recent Advances in Material Science at Kurushetra University, Kurukshetra, Haryana during September 27-29, 2006.

Professional Membership:

- Lifetime member of Thermophysical Society of India.

Achievements:

- Received “UGC fellowship for meritorious students in Sciences” during Ph.D.
- Received DST(WOS-A) Women Scientist Project in year 2015.
- Reviewer of SCI indexed international journals, J. Non-Cryst. Solids, Phil. Mag. B, Phase Transitions, Silicon etc.

Faculty-Profile

Dr. Jyoti Anand
Assistant Professor
jyoti.anand@ggnindia.dronacharya.info



Educational Qualification:

- Ph. D. in Statistics from Maharshi Dayanand University, Rohtak in 2012
- M.Sc. (Mathematical Statistics) from Maharshi Dayanand University, Rohtak in 2008.
- B.A. (Mathematics) from Maharshi Dayanand University, Rohtak in 2006.

Experience:

- Presently working as Assistant Professor, Department of Applied Sciences & Humanities, **Dronacharya College of Engineering, Khentaws and Farrukhnagar** from 3 August 2012.

Publication/Presentation/Conference/Workshop/Seminar:

- Presented Paper "Comparative Study of Reliability Models With different discipline in Repair and Up-gradation of the Components" in National Conference Statistics & Optimization Techniques (NCSOT) held on 11th to 13th February, 2017.
- Presented Paper "Statistical Analysis of a Computer System with S/W Up-Gradation under Priority in Repair Disciplines of Components" in International Conference, Computational Mathematics & Statistics (ICCMS- 2017) organized by Department of Mathematics & Statistics, Banasthali University, India and co-organized by Department of Mathematics, University Putra Malaysia on 24th to 26th January, 2017.
- "Mathematical Modeling of a Computer System under Priority in S/W Up-gradation over H/W Repair" International Journal of Advances in Science Engineering and Technology, ISSN-2321-9009, Special issue-I, June 2015, Impact factor 3.15.
- "Statistical Modeling of a Computer System under Priority in Repair Disciplines of Components" International Journal of Mathematics Archive (IJMA), ISSN: 0976-4348, Vol. 5, IssueII, Nov. 2014.
- "MTSF and Profit Analysis of a Computer System with H/W Repair Activities Subject to Inspection and S/W Replacement" Dronacharya Research Journal, Vol. 5, Issue-I, pp.19-29(2013)
- Paper titled "Cost-Benefit Analysis of a Computer System with priority to S/W replacement over H/W repair" published in Applied Mathematical Sciences, Vol. 6, No. 75, pp. 3723-3734(2012).
- Analysis of a Computer System with arbitrary distributions for H/W & S/W Replacement Time & Priority to repair activities of Hardware over replacement of S/W. International Journal of System Assurance Engineering and Management, Vol. 3, Issue 1, pp. 230-236.
- Stochastic Modeling of a Computer System with priority to Replacement of Software over Repair Activities of Hardware Subject to Replacement Time. International Journal of Agriculture and Statistical Sciences 2012 (Accepted).

- Probabilistic Analysis of a Computer System with Inspection and Priority for Repair Activities of H/W over Replacement of S/W, Mathematical Methods of Operation Research. International Journal of Computer Application (0975-8887), Vol. 44, No. 1, pp. 13-21(2012) (Impact Sector 0.8).
- Reliability Modeling of a Computer System with Priority for Replacement at Software Failure over Repair Activities at H/W Failure. International Journal of Statistics and System, ISSN 0973-2675, Vol. 6, No. 3, pp. 315-325 (2011).
- Cost-Analysis of a Computer System with Hardware Repair Subject to Inspection and Arbitrary Replacement Distributions for Hardware and Software. International Journal of Engineering Science and Technology, Vol.3 (9), pp.7191-7204 (2011).
- Reliability and Economic Analysis of a Computer System with Independent Hardware and Software Failures. Bulletin of Pure and Applied Sciences, Vol. 29 E, No.1, pp.141-153 (2010).
- Probabilistic Analysis of a Computer System with Inspection and Priority for Repair Activities of H/W over Replacement of S/W. 21st International Conference of Forum Interdisciplinary Mathematics on Interdisciplinary Mathematics, Statistics and Computational Technique held at department of Statistics Punjab University, Chandigarh (India) during December 15-17, 2012.
- Probabilistic Analysis of a Computer System with Inspection for Repair Activities of H/W over Replacement of S/W. National Conference on Modeling, Computational Fluid Dynamics & Operations Research held at Department of Mathematics, BITS Pilani (Rajasthan) during February 4-5, 2012.
- Reliability Modeling of a Computer System with Priority for Replacement at S/W Failure over Repair Activities at H/W Failure .International Conference on Advance in Modeling, Optimization and Computing (AMOC) held at Department of Mathematics, IIT Roorkee, India, during December 5-7, 2011.
- Modeling and Analysis of a Computer System with Replacement Time at H/W and S/W Failures. International Conference on Development and application of Statistics in Emerging Areas of Science and Application and XXX Annual Convention of Indian Society for Probability and Statistics held at University of Jammu, Jammu (J&K), India, during December 8-10, 2010.

Book Authored:

- A text book of Engineering Mathematics for Semester III/IV, Satya Prakashan Publication, New Delhi (August 2015)

Conferences/Seminars/Workshops:

- **Attended Workshop** on "Sample Surveys and Data Analysis (Using Software-SPSS, MINITAB and R)" conducted by Department of Statistics, M.D. University, Rohtak during 13th to 15th June 2016.
- **Attended** short term course on "Mobile Computing through ICT" conducted by (**NITTTR**) Electronics and communication Engineering Department from 25th to 29th January 2016.
- **Attended National Program** on "Open Source Technologies" through ICT conducted by Computer Science & Engineering Department During 21st -25th July 2014.
- **Attended National Workshop** on "Application of Computer Software in Mathematical Modeling" Organized by Commission for Scientific and Technology at Non-Linear Daynamics Lab, USBAS, GGSTPU during 16th-17th May 2014
- **Attended National Workshop** on "Signal System" organized by IIT Bombay January 2-12,2014
- **Attended Seminar** on "Intellectual Property Right (IPR) Opportunity and Strategies" Organized by Dronacharya College of Engineering, Khentawas Dec. 8,2012
- National Conference on "Modeling, Computational Fluid Dynamics & Operations Research" held at Department of Mathematics, BITS Pilani (Rajasthan). February 4-5, 2012.

- **Attended International Conference** on "Advance in Modeling, Optimization and Computing (AMOC)" held at Department of Mathematics, IIT Roorkee, India. Dec. 5-7, 2011.
- **Attended National Workshop** on "Recent Advances in Data Mining and Data Warehousing" Organized by SQC &OR Unit, Indian Statistics Institute (ISI), New Delhi . Oct. 19-23, 2011.
- **Attended National Workshop** on "Optimization and information Theory Application" organized by Jaypee University of Engineering and Technology, Gunna (M.P) &DST, GOVT. of India. March 24-26, 2011.
- **Attended International Workshop** on "Development and Applications of Statistics in Emerging Areas of Science & Technology along with XXX Annual Conference of Indian Society for Probability and Statistics" held at University of Jammu, Jammu, J&K, India. Dec. 8-10,2010.
- **Attended National Workshop** on "Modern Tools In Applied Statistics" Organised by Department of Statistics, University of Jammu, Jammu. Dec. 4-7,2010.
- **Attended National Workshop** on "Modeling, Optimisation And Their Applications" Organised by Department of Statistics, Maharshi Dayanand University, Rohtak. Aug., 17-21,2010.
- **Attended National Workshop** on "Applicable Statistics" Organised by Department of Statistics, Maharshi Dayanand University, Rohtak. March 28-30,2010.
- **Attended National Workshop** on "Mathematics Modeling and Related Optimization Techniques Organised by Department of Operational Research, University of Delhi, Delhi. Dec. 14-17,2009.
- **Attended National Seminar** on "Social development Under the Aegis of Operations Research" organized by Department of Mathematics, Manohar Memorial Post Graduate College, Fatehabad, Haryana. March 21-22, 2009.
- **Attended National Faculty Development Program** on "Language Skills in English" organized by Department of Applied Sciences and Humanities held at Dronacharya College of Engineering on 8th -9th Jan. 2015
- **Attended Faculty Development Training Program** Organized by ARK "Techno solutions" at Dronacharya College of Engineering during 23rd -27th June 2014.
- **Attended Staff Development Program** on "Mathematical Modeling and Computer Simulation Techniques" held at SIRTS, Bhopal (MP), Sponsored by AICTE. 27th June to 9th July, 2011.
- **Attended Workshop** "Mathematical Computations Using Software Tools" Organized by Indian Institute of Technology Rooree (**IIT**) (Uttarakhand)during 01-07-2013 to 05-07-2013

Editorial Board Member:

- International Journal of Soft Computing and Engineering (IJSCE) (ISSN:- 2231-2307)
- International Journal of Engineering and Advanced Technology (IJEAT).
- International Journal of Recent Technology and Engineering (IJRTE).
- International Journal of Innovative Technology and Exploring Engineering (IJITEE).
- International Journal of Innovative Science and Modern Engineering (IJISME).
- International Journal of Advanced Engineering and Nano Technology (IJAENT).
- International Journal of Inventive Engineering and Sciences (IJIES)
- International Journal of Emerging Science and Engineering (IJESE).
- International Journal of Basic Sciences and Applied Computing (IJBSAC).
- International Journal of Management and Humanities (IJMH).

Membership of Professional Societies:

- Indian Association for Reliability and statistics : **Life Member** (LM-27-2013)
- Indian Science Congress Association : **Life Member** (L23563)
- Computer Science Teacher Association : **Life Member** (2879457)
- Indian Society for Probability and Statistics: **Life Member.**
- M. D. University Alumni Association: **Life Member.**

Faculty-Profile

Ms. Shiva
Associate Professor
shiva@ggnindia.dronacharya.info



Educational Qualification:

- M.A. in English from Panjab University, Chandigarh in 2009.
- B.A. from Kurukshetra University, Kurukshetra in 2007.

Professional Certification

- Diploma in French (Level B1) from Alliance Francaise, Chandigarh in 2009
- Certificate Course in 'Justice' from HarvardX, an online learning initiative of Harvard University
- Certificate Course in 'Introduction to Philosophy' from MITx, an online learning initiative of MIT

Experience

- Presently working as Assistant Professor, English in the Department of Applied Sciences and Humanities of Dronacharya College of Engineering, Farrukhnagar, Gurugram from 23rd July 2018
- Worked as Verbal Faculty (GRE,GMAT) at Jamboree Education (P) Ltd., Gurugram from June, 2015 to January, 2017
- Worked as Assistant Professor (Resource Person) in the Department of English, Government College, Sector- 11, Chandigarh from July, 2014 to March, 2015
- Worked as Verbal Faculty (CAT, CSAT, GRE, GMAT) at Career Launcher, Chandigarh from November, 2011 to June, 2015

Paper Presentation

- Presented Paper "Subverting the Culture of Silence: Reading Race in Quentin Tarantino's 'DjangoUnchained'" at a National Seminar organized by SD College, Chandigarh. February, 2015
- Presented Paper "Exploring the MALL: An Overview of Mobile Assisted Language Learning" at a National Seminar organized by KVA DAV College for Women, Karnal. January, 2015
- Presented Paper "Unveiling Colonialism: Negotiating Mimicry through Homi Bhabha's 'Of Mimicry and Man'" at an International Seminar organized by DAV College for Girls, Yamunanagar. January, 2015
- Presented Paper "Translating Films: Relocating Identity through Subtitles" at an International Conference organized by University of Rajasthan, Jaipur. December, 2014
- Presented Paper "Subverting the Culture of Colonialism: A Study of Wole Soyinka's 'Death and the King's Horseman'" at an International Seminar organized by KVA DAV College for Women, Karnal. October, 2014

Papers Presented

- Paper presented on Interlinking of rivers: "Learning from other's mistakes to make it better" in DST sponsored National seminar on 22 Nov. 2014.

- Paper presented on Interlinking of rivers: "Rehabilitation and resettlement problem during Interlinking of rivers" in DST sponsored National seminar on 22 Nov. 2014.
- Poster Presented on Waste Water management using biological waste in International conference (GTER 2012) on 11-13 feb 2012.
- Paper presented on Waste Water Management in National seminar on 15June, 2011.
- Presented a paper in AICTE sponsored seminar on Waste Water Management Using Biological Waste.
- Presented poster in International conference on Green Technologies for Environmental Rehabilitation (GTER 2012) from February 11-13 in GKV Haridwar.

Professional Membership

- Life Member, Shakespeare Society of India
- Member, Forum on Contemporary Theory

Special Competency

- UGC-NET qualified
- Book Reviews for The Tribune, newspaper, since April, 2016
- University Rank in Kurukshetra University, Kurukshetra at B.A. level
- Award from District Administration, Panchkula for excellence in Academics
- Edited a novel 'Baramulla Bomber' – 2013 [ISBN: 978-93-81523-97-1]

Faculty-Profile

Dr. Anupam Dalal
Associate Professor
anupam.dalal@ggnindia.dronacharya.info



Educational Qualification:

- Ph.D in Economics from CMJ University in 2013.
- Master of Philosophy in Economics from Chaudhary Devi Lal University, Sirsa in 2011
- Master of Arts, Economics (Maharshi Dayanand University, Rohtak in 1991.
- Bachelor of Arts (Maharshi Dayanand University, Rohtak in 1988
- Bachelor of Arts Additional (Economics) (Maharshi Dayanand University, Rohtak in 1987

Teaching Experience:

- Presently working as Assistant Professor in Applied Science & Humanities Department in Dronacharya College of Engineering at Farrukh Nagar, Gurgaon. from 3rd March 2009
- Worked as Lecturer in Dronacharya Institute of Management and Information Technology, Gurgaon in the Department of Management Studies from Oct. 2003 – 02 March 2009.
- Worked as Lecturer in Economics (PGT) Naval Public School (Senior Secondary) Mumbai - 01 April, 1999 - 31Mar 2002.
- Worked as Lecturer in Economics- Jawahar Lal Nehru Rajkeeya Mahavidalaya Port Blair (Formerly Govt. College, Port Blair) from Oct.1993- April 1994.

Paper Presentation/Publication:

- Decentralization in India: India's Fiscal Federalism and Changing Political Realities was published in Vinayaka International Research Journal of Humanities and Social Sciences ISSN 2278-0009.
- Study of the Experience on Recent Evolution of Indian Federalism was published in Vinayaka International Research Journal of Humanities and Social Sciences ISSN 2278-0009.
- Paper Presentation on Management of Waste Water (National Seminar) Approved by All India Council of Technical Education New Delhi.

Conferences/Seminar/Workshop:

- Attended ISO 9001:2008 and ISO 14001:2004 Awareness Training Programme conducted by Mr. Sameer Kumar Principal Consultant (Six Sigma Champion) from International Quality Management Solution having a strong presence in United Arab Emirates in the field of quality management and audits.
- Attended Six Sigma Awareness Training Programme conducted by Dr Sunil Thaman
- Creative Thinking Awareness Training Programme conducted by Dr Sunil Thaman
- Attended National Seminar on Advances in Mechanical Engineering, sponsored by All India Council of Technical Education New Delhi and chaired by Shri R. Shankar, Director combat Vehicles & Engineering Defence Research and Development Organization New Delhi.
- Attended National Seminar on HR Summit, sponsored by All India Council of Technical Education New Delhi.
- Attended National Seminar on Application of Recent Advances in Science and Technology (ARASAT-2011)
- Attended National Workshop on Application of Biomedical Engineering (ABE-BME) -2011

- sponsored by All India Council of Technical Education New Delhi.
- Attended Interface Session of "FOREX" for you held by Reserve Bank of India New Delhi.

Professional Membership:

- Lifetime member of CSTA.
- Lifetime member of Indian Society for Technical Education New Delhi.

Faculty-Profile

Dr. Sangeeta Singla
Associate Professor
sangeeta.singla@ggnindia.dronacharya.info



Educational Qualification:

- Ph. D in "Isolation Characterization of Transition Metal Complexes" from Indira Gandhi National Open University, in 2017.
- M.Phil. (Chemistry) from Delhi University, Department of Chemistry under the supervision of Prof. B.S. Garg in academic year 1989 with First Division.
- M.Sc. (Chemistry) from university of Rajasthan, Jaipur in academic year 1986 with First Division.
- B.Sc. from Rajasthan University in 1984.

Professional Certification

- RAD-255 Certificate from IBM

Work Experience

- Working as an Associate Professor in Dronacharya College of Engineering, Farrukhnagar, and Gurgaon from September 2000.
- Teaching experience in DPS, Mewat as a Science Teacher from Nov 1994 to Aug 2000.
- Worked as a senior scientific officer in Design and development department, Punsumi India Ltd. from Sept 1990 to March 1993.
- Worked as a lecturer in Govt. College, Dholpur, Rajasthan from Jan-1988 to Oct 1988.

Paper Presentation/Publications

- "Synthesis and characterization of some Chromium(III) complexes of dibasic tridentate hydrazone schiff base ligands" International Journal of Engineering Research and Application, 2248-9622, March-2017
- "Synthesis and Spectroscopic Properties of Co (II) Complexes derived from New Aroylhydrazone Ligands." International Journal of Science and Research, 2319-7064, Feb. 2017
- Pramod Kumar Singh, K. Banerjee, Sangeeta Singla, "Synthesis and Spectral Characterization of Copper (II) complexes of tridentate ONO dono hydrazones" IJETMAS, Volume 3, Issue 7, July 2015, ISSN 2349-4476.
- K. Banerjee, Pramod Kumar Singh, Sangeeta Singla "Spectral studies on transition metal complexes with novel tridentate aroylhydrazones" IJSRP, Vol. 5, Issue 2, Feb.2015,ISSN:2250-3153.
- Pramod Kumar Singh, K. Banerjee, Sangeeta Singla, "Synthesis and Spectral Studies on Transition Metal Complexes of some Aroyl Hydrazone Ligands." IJBSAC, Vol. 1, Issue 2, 2014, ISSN: 2394-367X.
- K. Pavani, C. Ram Singla, Sangeeta Singla, "Nano materials: Hazards and safety measures", Dronacharya Research Journal, Vol. 2, Issue 2.

- K. Pavani, Sangeeta Singla, Reshu Sharma and Pratima Sharma, "Self-assembly of a 3D supramolecular architecture with guanidium ligands and decavanadate units" Dronacharya Research Journal, Vol. 1, Issue 2, Jan 2010.

Papers Presented

- Paper presented on Interlinking of rivers: "Learning from other's mistakes to make it better" in DST sponsored National seminar on 22 Nov. 2014.
- Paper presented on Interlinking of rivers: "Rehabilitation and resettlement problem during Interlinking of rivers" in DST sponsored National seminar on 22 Nov. 2014.
- Poster Presented on Waste Water management using biological waste in International conference (GTER 2012) on 11-13 feb 2012.
- Paper presented on Waste Water Management in National seminar on 15 June, 2011.
- Presented a paper in AICTE sponsored seminar on Waste Water Management Using Biological Waste.
- Presented poster in International conference on Green Technologies for Environmental Rehabilitation (GTER 2012) from February 11-13 in GKV Haridwar.

Workshop/Conference/Seminar

- Attended QIP at IITG on Science, Technology and Society.
- Attended National Workshop on Earth Science, catalysed by ministry of Earth Science.
- Attended HR Summit-To enhances the knowledge of managerial skills on 25/09/2010 at DCE Gurgaon.
- Attended one day ISO9001:2008 and ISO 14001:2004 awareness training Programme on 29th may 2009.
- Attended A workshop on Ideating-Inventing-and Patenting at DCE Gurgaon
- Attended Eight hours SIX SIGMA awareness training programme and programme on creative thinking.
- Attended National Seminar ARASAT-2011 at DCE, Gurgaon
- Attended AICTE sponsored workshop on APPLICATIONS OF BIOMEDICAL APPLIANCES.
- Attended AICTE sponsored seminar on ADVANCEMENTS IN FLUID AND SOLID MECHANICS.
- Attended Seminar on "Intellectual Property Right (IPR) Opportunity and Strategies on 8/12/2012
- ATTENDED Seminar on "Intellectual Property Right (IPR) Opportunity and Strategies "on 8/12/2012
- Participated in mini course on Research Methodology conducted by IUCEE Virtual Academy from 25 Jan. to 31 March 2013.
- Attended spoken tutorial project workshop conducted by IIT Bombay based on various computer languages like C and C⁺⁺ , Java ,Sci lab, Python, Linux, Latex, PYTHON, MSQL .

Professional Membership

- Member of IGNOU Library
- Member of International Association of Engineers
- Member of Asia Pacific Chemical Biology and Environmental Engineering Society
- Member of ChemNet (Membership Number: 562839) Royal Society of Chemistry

Special Competency

- National certificate holder in secondary and higher secondary level.
- Secured Rajasthan university rank at M.Sc. Level.
- Awarded RAD-255 Certificate from IBM from 20-23 /01/2010 in a course conducted at DCE, Gurgaon.

- iTEP, Cambridge English and Alison by British council score awarded.

Faculty-Profile

Ms. Shivani Gupta
Associate Professor
shivani.gupta@ggnindia.dronacharya.info



Educational Qualifications:

- M.Phil. (Mathematics) from Faculty of Mathematical Sciences, University of Delhi in 2008.
- M.A (Mathematics) from Hindu College, University of Delhi in 2005.
- B.A. (Hons.) (Mathematics) from Sri Venkateswara College, University of Delhi in 2003.

Experience:

- Working as Assistant Professor in Department of Applied Sciences and Humanities of Dronacharya College of Engineering, Gurgaon from July 2015.
- Worked as Lecturer at Apeejay College of Engineering, Sohna, Gurgaon from Sept 2008 to Dec 2008.

Professional Membership:

- Applied for the membership of Indian Society for Technical Education (ISTE)
- Applied for the membership of Indian Mathematical Society (IMS)
- Applied for the membership of Rajasthan Ganita Parishad

Special Competency:

- Prepared a 260 pager Dissertation for the topic in M.Phil. (Maths) – Operator Amenability of the Fourier Algebra – under Prof. Ajay Kumar, Head, Dept. of Mathematics, University of Delhi
- Secured 1st position in M.A. (Previous), Hindu College, University of Delhi.

Faculty-Profile

Ms. Pooja Jain
Assistant Professor
pooja.jain@ggnindia.dronacharya.info



Educational Qualification:

- M. Phil from "MDU, Rohtak" in 2002.
- M.sc from "MDU, Rohtak" in 2001.
- B.A. from MDU Rohtak in 1997.

Experience:

- Working as Assistant Professor in Applied Science & Humanity Department of Dronacharya College of Engineering, Gurgaon from November 2006.
- Worked as a Lecturer in Jain Senior Secondary School, Rohtak for 2 years from July 2001 to October 2003.

Paper Presentation/Publication:

- Paper presented "Profit Analysis of A1-out-of-2 Unit System With Double Repair Facility" in National Conference on Statistics and optimization Techniques NCSOT 2017, on 12th February, 2017.
- Published paper "Prediction in the Least Squares Model and its Applications" in ***Dronacharya Research Journal*** in Vol. III Jan-June 2011.

Conferences /Seminars/ Workshops:

- Attended the Webinar on "**Research Methodology**" by **IUCEE Virtual Academy, U.C. Davis Univ. USA** 27-Jan-2013 to 31-March-2013.
- Attended the International Workshop on US-INDO Workshop on Best Practices For Women in Science at **India Habitat Centre, New Delhi** on 10-Dec -2012
- Attended the Workshop on "**.National Programme on Technology Enhanced Learning**" at **Dronacharya College of Engg. Gurgaon** on 16-Feb -2013.
- Attended the National workshop **ARASAT-2011** at **Dronacharya College of Engg. Gurgaon** on 19-Feb-2011.
- Attended the Seminar on "**Waste Water Management**" sponsored by **AICTE** at **Dronacharya College of Engg. Gurgaon** on 15-June -2011.
- Attended the Seminar on "**ABE-BME**" at **Dronacharya College of Engg. Gurgaon** on 9-June-2011.
- Attended the Two days workshop on "**Econometric Modelling & Time Series Analysis Using Statistical Software**" at **Apeejay School of Management** on 22-23 Jan 2010

- Attended the Seminar on "**HR SUMMIT**" at **Dronacharya College of Engg. Gurgaon** 25-Sep-2010.
- Attended the Seminar on "**Quality Management Solutions**" at **Dronacharya College of Engg. Gurgaon** on 29-May-2009 Attended workshop on **Six Sigma** Awareness Training Program on 18-June-2009 at **DCE, Gurgaon**.

Special Competency:

- **Topper (M. Phil)**, M.D.U, Rohtak **Deptt. Of Statistics** 2002 Batch.

Faculty-Profile

Mr. Ashok Kumar
Associate Professor
ashok.kumar@ggnindia.dronacharya.info



Educational Qualification:

- M. Phil. in Mathematical Statistics from V. M. University, Salem, Tamil Nadu.
- M. Sc. in Mathematical Statistics from M. D. University, Rohtak in 2000.
- B. Sc. from M. D. University, Rohtak in 1998.

Experience:

- Presently working as Associate Professor in Department of Applied Science & Humanities in Dronacharya College of Engineering, Khentawas, Farrukhnagar Gurgaon from July, 2001.

Paper Publication/Presented:

- Presented Paper "Reliability Analysis of Redundant system with preventive maintenance and repair" in National Conference on Statistics and optimization Techniques NCSOT 2017, on 12th February 2017.
- Presented Paper "Reliability Measures of a Warm Standby System of Non –Identical units with single server" Silver Jubilee" International Conference on Interdisciplinary Mathematics, Statistics and Computational Techniques IMSCT 2016-FIM XXV on, December 22-24, 2016.
- Presented Paper "IMSCT IDENTICAL UNITS WITH SINGLE SERVER" in International Conference organized by Manipal University Jaipur from 22-24 Dec 2016.
- "Statistical Analysis of Pass Percentage of Engineering Students Concerning Gender & Locality" Published in Dronacharya Research Journal [ISSN: 0975-3389] Vol.-I, Issue-I.
- Presented Paper on Waste Water Management in *AICTE Sponsored National Seminar on Waste Water Management WWM – 2011* held on 15 June 2011.

Seminars/Conferences/Workshops Attended:

- Attended Training of Trainers on Effective Facilitation Skills conducted by RGNIYD Regional Centre Chandigarh (Ministry of youth Affairs and sports from 27th June 2016 to 03rd July 2016.
- Attended Sample Surveys & Data Analysis using software SPSS, Mini Tab and R) conducted by Department of Statistics M.D.U. Rohtak from 13th June 2016 to 15th June 2016.
- Attended Two week workshop on Engineering Physics conducted by IIT Bombay under MHRD from 8th December to 18th December 2015.
- Attended the Workshop on Technical Communication organized by IIT Bombay under MHRD from 8th October to 5th December 2015
- Attended Induction Training Programme through ICT conducted by NITTTR at D.C.E. Gurgaon from 13th Jan. 2014 to 17th Jan 2014
- Attended Workshop on Engineering Mechanics organized at Dronacharya college of Engineering under the National Mission on Education through ICT (MHRD, Govt. Of India) Conducted by I.I.T. Bombay from dated 26/11/2013 to 06/12/2013.

- Attended N.S.S. Programme Officer's Training Orientation Course from 24July 2013 to 30July2013 organised by E.T.I./I.D.C. Chandigarh at M.D. University, Rohtak.
- Awarded for Satisfactory Completion of IUCEE Virtual Academy mini course on " Research Methodology" from 25Jan.2013 to 31 March 2013.
- Attended National Seminar on " Intellectual Property Rights" held at Dronacharya College of Engineering Gurgaon (08Dec. 2012).
- Attended AICTE sponsored National Seminar on "Waste Water Management" held at Dronacharya College of Engineering Gurgaon organised by Department of Applied Sciences and Humanities (15June, 2011).
- Attended AICTE sponsored National Seminar on "Applications of Recent Advances in Science & Technology" held at Dronacharya College of Engineering Gurgaon organised by Department of Applied Sciences and Humanities (19Feb. 2011).
- Attended QIP-Short Term Course on " Science Technology and Society" held at IIT Guwahati organized by the Department Humanities and Social Sciences During 13Dec.,2010 to 17Dec. ,2010.
- Attended One day workshop On "Advanced Computing for Statistics and Optimization for Young Statistician and Scientists Using Softwares" held at Department of statistics, University of Kashmir, Srinagar, J&K and India on 22 Oct., 2008.
- Attended QIP-Short Term Course on "Mathematical Computations Using Software Tools" held at IIT Roorkee organized by the Department of Mathematics from 01July, 2008 to 05July, 2008.
- Attended QIP-Short Term Course on " Theory, Numeric and Applications of Differential Equations" held at IIT Guwahati organized by the Department of Mathematics from 10Dec., 2007 to 14Dec., 2007
- Attended QIP-Short Term Course on "Mathematical Techniques in Science & Engineering" held at IIT Guwahati organized by the Department of Mathematics from 26th June, 2006 to 30June, 2006.

Professional Society Membership:

- CSTA Life Member (3850486).
- Haryana State Council for child welfare (Govt. of Haryana) Life Member (471)
- ISTE Life Member (LM 97487)
- IARS Life Member (LM-38-2014)
- SSCA Life Member(LM-2014)

Special Competency:

- Best Faculty Award 2005
- Best Faculty Award 2009 (Cash Prize of Rs. 51000/-)
- Outstanding Award 2011(on completion of ten years job)
- Best Feedback by students from last ten years
- High Altitude trekking Certificate (22/02/2014to03/03/2014)
- Attended reception program at sri lanka high commission residence New Delhi , interact with SriLankan Youth and Media(04/05/2014).

Faculty-Profile

Dr. S.K.Yadav
Professor
sureshkumar.yadav@ggnindia.dronacha.info



Educational Qualification:

- Ph.D in " A Multi- Variant study of the Selection of Banking services in Selected Banks with Special Reference to National Capital Region" from Singhania University in 2014.
- M.B.A (Master of Business Administration) From G.J. Science & Technology University, Hissar in 2006
- PGDAM from Goa University, Goa in 1998
- Graduation from M.D. University, Rohtak in1986

Experience:

- Presently working as a Professor in Dronacharya College of Engineering, Khentawas, Gurgaon from 1st Jun 2013
- Worked as Associate Professor in Management Studies at Dronacharya Group of Institutions, Greater Noida, from 2009 to May 2013.
- 20 Years rich Naval experience at the Middle Level of Management in Administration, from 1980 to 2000.

Paper Publication:

- A research paper entitled "Barcode Technology & its Application in Libraries and Information Control" Vol-1 No.2, July-Dec-2012 Journal of Library & Management IGNOU, New Delhi, ISSN : 0975-878X.
- A research paper entitled "Hybrid Library" in the Journal of Lingyas University, Vol 5, No. 2, Jan-June 2012, ISSN-0975-539X.
- A paper on A Multi variant study of the banking services in the selected banks : with special reference to National Capital Region (NCR) in the Internationl Journal of Trends in Marketing Management Vol. 1 Issue-8, 2012.
- A paper on "Bank choice Decisive factors" in the International Journal of Trends in Business Administration Vol. 1 issue-8, 2012, ISSN-2279-0316.
- A paper on "An application of the Roger's Diffusion of Innovation for Automatic Teller Machine of Indian Banks" in the International Journals of Trends in commerce & Economic Vol-1 issue-11, 2012, ISSN-2279-386.
- A paper on "A Management Approach to Management: Prouerspective from the Bhagwat Gita" communicated to Dronacharya Research Journal for publication.
- Presented paper on the concept of Digital Libraries and an unavoidable need in Today's world in the National Conference organised at Aggarwal College Ballabgarh in Feb26-27, 2011.
- Paper Presented in the National seminar on Waste Water Management (WWM-2011) sponsored by the AICTE, New Delhi organised by Dronacharya College of Engineering, Khentawas, Gurgaon.
- A research paper Published in Journal of Library & Management" IGNOU (Vol. 1 No. 2, July-Dec 2010 ISSN : 0975-878X)

Seminar/Conference/Workshop/Training:

- Attended a workshop on HR Summit at Dronacharya College of Engineering, Gurgaon
- Attended Seminar on Quality Control.
- Attended a seminar on Intellectual Property Rights (IPR): Opportunities & Strategies, DCE, Gurgaon.
- Undergone a training program on "Education & Training Technology conducted by NIETT, Kochi.
- Attended a three-day workshop on Entrepreneurship organised by EDC Dronacharya College of Engineering, Gurgaon.
- Participated in a one-day Personality Development Program.
- Attended a National Conference on "Empowering the Nation through Women Entrepreneurship"
- Attended a two-day workshop on Ethical Hacking organized at DCE, Gurgaon.
- Attended a five-day workshop on "Mission 10X" conducted by Wipro at DCE, Gurgaon.
- Attended the extension lecture on "Skills to Crack the Interviews".
- Participated in a one-day workshop on Paper Recycling
- Attended ISTE workshop on Green building.
- Participated in a two-day workshop on Enhancement in Communication skills & Professional Growth conducted by DCE, Gurgaon.
- Attended a Seminar on Bank Loan Policies for budding entrepreneurs.
- Undergone the course on Leadership.
- Completed Management Consultancy Course from CDC, Ministry of Science and Technology, Govt. of India, New Delhi.

Professional Membership:

- Member of Central of Excellence & Research, New Delhi.

Special Competency:

- Develop system, procedures and work instruction for Accreditation and now enjoys the effective implementation.
- Team Leader that handled crucial matters very effectively without any disturbance.
- Develop support services i.e. canteen, Security, Housekeeping, Telephones, Insurance.
- Development HR manual (Policy and guidelines) for the organization.
- Associated in the establishing new unit.
- Adjudged overall best faculty and rewarded as the best Faculty for the year 2009-10.
- Honored for dedicated and outstanding service rendered.
- Commended for dedicated and outstanding performance while serving in Indian Navy.

Faculty-Profile

Mrs. Rita Yadav
Assistant Professor
reeta.yadav@ggnindia.dronacharya.info



Educational Qualification:

- M.Phil. in Mathematics from Madurai Kamraj University, Tamilnadu in 2011.
- M.Sc. in Mathematics from Banasthali Vidyapith University, Rajasthan in 1998 with 84% (Gold Medalist)
- B.Sc. from Banasthali Vidyapith University, Rajasthan in 1996.

Professional Certification:

- French Language Certificate Course in 1995.

Experience:

- Presently working as Associate Professor in Applied Sciences & Humanities Department in Dronacharya College of Engineering, Khentawas, Farrukhnagar from 19th July 2004.
- Worked as Lecturer in Banasthali Vidyapith University, Rajasthan for 5 years, from July 1998 to March 2003.

Paper Published / presented:

- Presented paper in "National Conference-NCMACM 2013" on Fussy Effort Level in Co-operative repeated game to Nash dated 18th-19th May'2013
- Presented paper in "International Conference GTER-2012 from 11th Jun'2012 to 13th Jun'2012.
- Paper published "**Study of Transportation Model**" Dronacharya research Journal Vol- III, Issue- I. Jan-June, 2011.
- Presented paper in "National Seminar – ARASAT-2011 "on Transportation Problems at DCE, Gurgaon dated 19th Feb'2011.
- Presented paper in "National Workshop – WWM-2011 "on Application of Waste Water Management at DCE, Gurgaon dated 15th Jun '2011.

Conferences/Seminars/Workshops

- Five days Quality Improvement Programme on Mathematical Techniques in Science & engineering from **IIT Guwahati**.
- Symposium on "demand from a mathematician in present day Technology and Society conducted by Rajasthan Ganita Parishad held at **BVP, Rajasthan**
- Two days seminar on Next millennium-status of women with special reference to education at **BVP, Rajasthan**
- Seminar on Mathematics conducted **by Govt. College, Narnaul**.
- Seminar on Intellectual Property Rights: Opportunities & Strategies **at DCE, Gurgaon**
- Seminar on Advances in Mechanical engineering **at DCE, Gurgaon**.
- Five days QIP on Mathematical Computation using software tools **conducted by IIT Roorkee**.

- Mini course on research methodologies **from IUCEEE virtual academy UC- Davis University ,USA**
- Seminar on application of biomedical engineering **conducted by DCE, Gurgaon**
- Summit on Human resources: to increase the knowledge of managerial skills **conducted by DCE, Gurgaon**
- Seven days training orientation course for NSS programme officer at **M. D. university Rohtak**

Professional Membership:

- Lifetime member of CSTA
- Lifetime member of Rajasthan Ganita Parisad
- Member of Operational Research Society of India.

Special Competency:

- Secured **Gold Medal** in Master of Sciences (Mathematical Sciences).

Faculty-Profile

Dr. Suchitra Deswal
Associate Professor
suchitra.deshwal@ggnindia.dronacharya.info



Educational Qualification:

- Ph.D. in "Deconstructing Society: The South-Asian Travelogues of V.S.Naipaul" from Chaudhary Devi Lal University, Sirsa in 2013.
- M.Phil. in "Family Relationships in R.K. Narayan's "The Guide and Swami and Friends" from M.D.U., Rohtak in 2000.
- M.A in specialization in Phonetics, Indian Literature in English, British Literature, from M.D.U., Rohtak in 2001.
- B.A. from M.D.U. Rohtak in 1997.

Experience:

- Working as Associate Professor in APS Department in Dronacharya College of Engineering, Farrukh Nagar, and Gurgaon from 2002.

Paper Presentation/Publication:

- "Shakespeare's Influence on Indian Theatre" IJLESS International Journal of Languages, Education and Social Sciences, (Impact Factor: 2.55) ISSN: 2278-3970, International Journal, Vol. 23, Issue 01 Aug 2016
- "Women in Indian Society: A Study of Naipaul's A Million Mutinies" IJLESS International Journal of Languages, Education and Social Sciences, (Impact Factor: 2.55) ISSN: 2278-3970 International Journal, Vol. 22, Issue 01 June 2016.
- Mahesh Dattani's Plays : Bywords of Complex Social Processes, International Journal on Studies in English Language and Literature, Impact Factor:4.001, ISSN 2347-3134, Volume 3 Issue-4, April 2015.
- Social Concerns in Girish Karnad's "Nagamandal," International Journal of Languages, Education and Social Sciences, Impact Factor: 2.55, ISSN: 2278-3970, Vol. 15, Issue 01 March 2015.
- Retracing the Epic Mahabharata in Modern Indian Context: A Study of Tharoor's "The Great Indian Novel," International Journal of Languages, Education and Social Sciences, Impact Factor: 2.55, ISSN: 2278-3970, Vol. 15, Issue 01 March 2015.
- Naipaul's "A Wounded Civilization": A Study of India and her Beliefs, International Journal of Languages, Education and Social Sciences, Impact Factor: 2.55, ISSN: 2278-3970, Vol.4, Issue 02, June 2013.
- Thematic Concepts in Karnad's Hayavadana, International Journal of Languages, Education and Social Sciences, (Impact Factor: 2.55) ISSN: 2278-3970, Vol.1, Issue-1, May 2012.
- Karnad's Plays: A Matrix of Mythic Modes Attaining a Larger Frame of Reference, Dronacharya Research Journal, ISSN No.0975-3389, Vol-3, Issue-1, 2011.
- Post Modern Sensibility in John Updike's Works, Dronacharya Research Journal, ISSN No.0975-3389, Vol-1, Issue-2, 2010.
- "Historical and Religious Motif in Naipaul's Travelogues (with reference to his Indian Trilogy and Islamic Excursions), Dronacharya Research Journal, ISSN No.0975-3389, Vol-1, Issue-1, 2009.

Papers Presented:

- English Language in Global Perspective at National Seminar (DHE, Haryana sponsored) Relevance of Inter-Disciplinary Approach in Higher Education held at Chaudhary Ranbir Singh University, Jind on 12-13 Nov. 2014.
- Mahesh Dattani's Plays: Social Concerns in New Perspectives at National Conference on Contemporary Indian Literature: An Overview to be held on 7-8 April 2014, Department of English and Foreign Languages, M.D.U., Rohtak
- Problems of Translation from Hindi to English: An Analysis of Nirmal Verma's "The Last Wilderness (Antim Aranya)" at DGHC sponsored National Seminar on Translation Literature held on 28-29 March 2014 at Hindu Girls College, Jagadhari

Conferences/Seminars/Workshops:

- Attended one day Faculty Development Program on "Virtual lab" organized by IIT Delhi, on 21st July 2016.
- Attended Four Week AICTE approved FDP on "Use of ICT in Education for Online and Blended Learning" from 2nd May 2016 - 10th July 2016
- Attended AICTE recognized Short Term Course on Open Source Technologies through ICT held from 21-06-2014 to 25-06-2014 at Dronacharya college of Engineering, Gurgaon in collaboration with NITTTR, Chandigarh
- Attended AICTE recognized Short Term Course on National Skills Qualification Framework, Community College & Skill Development Schemes of GOI held from 23-05-2014 to 27-05-2014 at Dronacharya college of Engineering, Gurgaon in collaboration with NITTTR, Chandigarh
- 6th EDU ConvEx, International Conference on Winning the Future with Innovative Education held on 08 Feb. 2014 at Air Force Auditorium, New Delhi.
- Attended Faculty Induction Training Programme through ICT held at D.C.E., Gurgaon in association with NITTTR, Chandigarh from 03-07 Jan 2014.
- Attended two day Workshop on "Communication Skills Enhancement and Professional Etiquettes" at Dronacharya college of Engineering, Gurgaon on 23 -24 July 2013
- Attended Mini Course on "Research Methodology" from IUCEE Virtual Academy UC Davis University USA from 27 Jan. 2013 - 31 March 2013.
- Attended Workshop on "NPTEL (National Programme on Technology Enhanced Learning)" held on 16 Feb 2013 at Dronacharya College of Engineering, Gurgaon
- Attended National Seminar on "Intellectual Property Rights (IPR)" held on 08-12-12 at Dronacharya College of Engineering, Gurgaon
- Attended National Seminar on "Application of Recent Advances in Science and Technology (ARASAT-2011)" held on 19-02-11 at Dronacharya College of Engineering, Gurgaon
- Attended HR Summit held on 25-09-10 at Dronacharya College of Engineering, Gurgaon
- Attended Two-day FDP on Language Skills in English held from 08-01-15 to 09-01-15 at Dronacharya College of Engineering, Gurgaon (**organizer and Resource Person**)
- Attended Workshop on Communication Skills and Professional Etiquettes held in July 2013 at Dronacharya College of Engineering, Gurgaon (**organizer and Resource Person**).

Professional Membership:

- Life Member, The Shakespeare Association, India
- Member, ELTAI Literature SIG, India
- Comparative Literature Society India (CLAI)

Special Competency:

- National Merit Scholarship at Post Graduation Level
- Awarded Best Faculty for the Session 2006-07 by Dronacharya college of Engineering, Gurgaon.

Faculty-Profile

Dr. Surender Yadav
Associate Professor
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Educational Qualification:

- Ph.D. in Physics DR. B. R. Ambedker University Agra 2015
- M.Tech in Computer Science From Kurukshetra University Kurukshetra, 2001
- M.Phil. in Physics from Choudhary Devi Lal University Sirsa, 2007
- M. Sc in Physics from Kurukshetra University, Kurukshetra, 1999.
- B.Sc.from M.D. University Rohtak, 1997.

Experience:

- Presently working as Associate Professor in Department of Applied Science & Humanities in **Dronacharya College of Engineering**, Khentawas, Farrukhnagar Gurgaon from October, 2002.
- Worked as Asst. Prof. Somany Inst. Of Tech & Mgt. Rewari (Sept 2001 to Sept 2002).

Paper Presentation / Publication:

- Electronic Properties of rare earth compound in international Journal of Science Engineering Technology vol.II Issue 7, Sept-Oct 2016.
- Fast And Slow Mode in Plasma with negatively Charged dust Grains. Dronacharya research Journal, Volume III (Issue-II) July-Dec 2011. A Study of Isothermal Crystallisation of Poly (4-Methyle-1-Pentene) from Melt Using Differential Scanning Calorimetry. Communicated in Dronacharya Research Journal. July 2013-2014

Book Published:

- A Book on Engineering Physics, By ICON Publication Issue 2003-2004.
- A Book on Engineering Physics By Satya Prakashan New Delhi 2014.
- A Book on Applied Physics Lab Manual by Avni Publication 2015

Conference / Seminars / Workshops:

- Two week Quality Improvement Program on "Creativity & Innovation" Organized by IIT Delhi 1stJuly to 15thJuly 2015.
- Two week Workshop on "Enviourmental Studies" Organized by IIT Bombay 2th June to 12th June 2015.
- Two day Workshop on "Step to Research" Organized by AJCE Kanjirappaly 19th Sept to 20thSept 2014.
- Two week Workshop on "Cyber Security" Organized by IIT Bombay 10th July to 20thJuly 2014.
- One week Workshop on "Computer Networking" Organized by IIT Bombay 30th June to 05thJuly 2014.
- One week Workshop on "Computer Programming" Organized by IIT Bombay 16th June to 21stJune 2014.

- Two week Workshop on "Fluid Mechanics" Organized by IIT Kharahpur 20th May to 30st May 2014.
- Workshop on Research Methodology Organized by IUCEE, 25 Jan- 31 March 2013.
- Workshop on Engineering Mechanics organized at Dronacharya college of Engineering under the National Mission on Education through ICT (MHRD, Govt. Of India) Conducted by I.I.T. Bombay from dated 26/11/2013 to 06/12/2013.
- Ten days Workshop on Database Management System Organized by IIT Bombay 21st May to 31st May 2013.
- Application of Recent Advance in Science & Technology DCE GGN in 19th Feb 2011.
- Waste water Management, DCE GGN in 15th June 2011.
- Advancements in Fluid & Solid Mechanics, DCE GGN 20th Aug 2011.
- Workshop on HR- Summit, DCE Gurgaon, 25th Sept. 2010.
- Quality Improvement Programme (QIP) at IIT Guwahati from 13th Dec. to 17th Dec. 2010.
- Workshop on ISO 9001:2008 and 1400:2004 Awareness Training Programme, DCE GGN. 29th May 2009.
- Workshop on Creative Thinking Awareness Training Programme, DCE GGN, 19th June 2009.
- Quality Improvement Programme (QIP) at IIT Guwahati From 13th Dec. to 17th Dec. 2010.
- Electronic Properties of Europium Monochalcogenide Venue RDST in 2009.
- Workshop on Six Sigma Awareness Training Programme, DCE GGN, 18th June 2009.

Professional Membership:

- Computer Science Teachers Association (Life Member).
- The society Of Digital Information and Wireless Communication (SDIWC)(Life Member) membership id: 3859.
- Association for Computing Machinery (Life Member).
- Indian Society for Technical Education (Life Member) membership id: 140939.

Editorial Board:

- A member of Editorial Board of International journal of Physics.
- A member of Editorial Board of International journal of mathematics and Physics.

Special Competency:

- Awarded Letter of appreciation by college in 2009 for conducting first on-line Common Admission Test (CAT-09).

Faculty-Profile

Dr. D. P. Bhatt
Professor
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Educational Qualification:

- Ph.D . from H. N. Bahuguna Garhwal University Srinagar (Garhwal) in 1994.
- M.Sc in Chemistry from H. N. Bahuguna Garhwal University Srinagar (Garhwal) in 1975.
- B.Sc. in 1973 from M.L.N College Yamuna Nagar.

Experience (Chronological order):

- Presently Working as Professor in the Department of Applied Sciences & Humanities in Dronacharya College of Engineering Gurgaon from 14 July 2015.
- Worked as Associate Professor in Chemistry at Dronacharya Govt. College Gurgaon since 2004 to July 2011.
- Worked as Associate professor at Govt. College Mahender Garh since July 1996 to August 2004.
- Worked in the same capacity at Govt. College Narnaul since April 1986 to July 1996.
- Worked as a Lecturer in Chemistry Department in Govt service at Govt.College Jhajjar in 1980.

Publications:

- Synthetic Studies on some New Butenolides. International journal of J. Inst. Chemists Vol 79 Part 5 in 2007.
- Synthesis and Colour of Some New Phthalides published in International Journal of Acta Cienci Indica Vol. XXX C no. 2.095 in Nov.2004.
- Some New Synthetic $\Delta^{\alpha\beta}$ Butenolides. International Journal of J. Inst. Chemists Vol. 74 part 2,2002.
- Synthetic Studies on Some Novel Analogues of Phthalein Dyes. National Journal in Asian Journal of Chemistry 1994.
- Studies Related with colour and reactions of Some Novel Analogues of Phthaleines. National Journal in Oriental Journal of Chemistry in May 30, 1994.
- Synthesis of a Series of New $\Delta^{\alpha\beta}$ Butenolides. National Journal in Oriental Journal of Chemistry in 1991.
- Synthesis of Some New Unsymmetrically Substituted Phthalides. National Journal of Oriental J. Chemistry N0-org (os) 43,1990.

Book Authored:

- A Text Book of Inorganic Chemistry for B.Sc. Final, S. Vikash & Co Jalandhar, July 2004 & Revised in July 2006.

Academic Program Attended:

- "National Institute of Technical Teachers Training and Research, Chandigarh", held at DCE, Gurgaon during 21st July 2014, 25th July 2014.

- **“National Institute of Technical Teachers Training and Research, Chandigarh”**, held at DCE, Gurgaon during 23rd Jun. 2014, 27th Jun.2014
- **National Program** on **“Technology Enhanced Learning”**, held at DCE, Gurgaon during 16th Feb, 2013.
- **National Seminar** on **“Latex Language”** held at Language Lab, DCE Gurgaon, during 11/2/14

Membership of Professional Societies:

- Indian Science Congress: **Life Time**
- Indian Council of Chemist: **Life Time**

Faculty-Profile

Dr. Vaishali Dixit
Associate Professor
vaishali.dixit@ggnindia.dronacharya.info



Educational Qualification:

- Ph.D on "Spectral and Thermodynamical Studies of the Derivatives of Substituted Pyridines", from CCS University, Meerut in 2009
- M.Sc (Nuclear Physics) from CCS University, Meerut in 1998.
- B.Sc (Physics, Chemistry and Maths) from S.M College, MJP Rohilkhand University, Bareilly in 1995.

Experience:

- Presently working as Associate Professor in Department of Applied Sciences and Humanities of Dronacharya College of Engineering, Gurgaon since 16-July-2012.
- Worked as Associate Professor in Global Institute of Technology & Management, Gurgaon from 05-Aug-2008 to 10-July-2012.
- Worked as Assistant Professor in KIIT College of Engineering, Gurgaon from 30-June-2007 to 04-July-2008.
- Worked as Lecturer at DN (PG) College, Meerut from 01-Aug-2006 to 28-Feb-2007.
- Worked as Visiting Faculty at Sardar Vallabh Bhai Patel University of Agriculture & Technology, Meerut from 01-Aug-2001 to 28-Feb-2003.
- Worked as Lecturer at D N (P G) College, Meerut from 01-Aug-2000 to 28-Feb-2001.

Paper Presentation/Publication:

- Paper Presented "**Molecular Polarizability and thermodynamic parameters of 2-Chloro-5-(trifluoromethyl) pyridine**" in **19th International Conference of International Academy of Physical Sciences (CONIAPS-XIX)** at D.S.B Campus, Kumaun University, Nainital (Uttarakhand) on **17th -19th October 2016** .
- Antifungal and Antibacterial Activities of 2,3,5-Tri Chloro Pyridine on growth of Aspergillus Flavus, Aspergillus Nigar, Aspergillus Fumigatus and Rizopus Fungi, 17th International Conference of International Academy of Physical Sciences (CONIAPS), 16 - 18 Jan 2015, Rajasthan University, Jaipur,
- A Study on interlinking of rivers in India : Concerns and Challenges, DCE Gurgaon, on 22 Nov 2014
- Spectroscopic studies and Molecular polarizability of 2-amino-4-methyl-3-nitropyridine, Indian Journal of Pure and Applied Physics, Vol 35, June 2013.
- Antifungal activities of 2,3,5-Trichloro pyridines on growth of Af, An, As & Rz fungi ,Dronacharya Research Journal, July-Dec 2012.
- Molecular Polarizability of 2-chloro-5-(trifluoromethyl) Pyridine, Materials Science Research India, Vol (17), 2009.

- Thermodynamic Parameters of 4-hydroxy-3-nitropyridines and 2-hydroxy-4-methyl-3-nitropyridines, Journal of Chemical and Environmental Science, Vol (20), 186-189, 2008 .
- Vibration Spectral Studies of 4-Hydroxy-3-Nitro Pyridines, Journal of Scientists of Physical sciences, Vol (19), No-1, 2007.
- FTIR Spectroscopic Studies of 2-hydroxy-4-methylpyrimidine hydrochloride, Asian Journal of Chemistry, Vol(19), 222-227, 2007 .
- Molecular Polarizability of Substituted Pyridines, Materials Science Research India, Vol 3(2a), 287-290, 2006 .
- Presented the research paper Molecular Polarizability and thermodynamic parameters of 2-Chloro-
- Effect of Antifungal & Antibacterial effect of 5-amino-2-methoxypyridine, D N (PG) College, Meerut, 18 March 2012 .
- Conservation and Management of water -A sustainable future (WWM), Dronacharya College of Engineering, Gurgaon, 15 June 2011.
- Antibacterial effect of 4-hydroxy-3-nitropyridine on growth of AspergillusFlavus, AspergillusNigar, AspergillusFumigatus& Rizopus Fungi ,Allahabad University, Allahabad, 20 Dec 2010.
- Molecular Polarizability of 2-Chloro-5-(tri fluoro methyl)pyridine, D N (PG) College, Meerut, 30 Jan 2010.
- Antifungal effect of 4,3-HNP on growth of AspergillusFlavus, AspergillusNigar, AspergillusFumigatus& Rizopus Fungi ,D N (PG) College, Meerut, 19 Dec 2007.
- Electronic Absorption Spectroscopic Studies of Chloro-5-(tri fluoro methyl)pyridine, Agra University, Agra, 5 Feb 2007.
- Electronic Spectral Studies of 4-hydroxy-3-nitropyridine in various solvents, Agra University, Agra, 4 Feb 2007.
- Thermodynamic Parameters of 2, 3, 5-TriChloroPyridine, D N (PG) College, Meerut, 6 Nov 2006.

Books Authored:

- Co-authored (with Dr KK Jha) the book **Engineering Physics (Vol-I)** Published by Satya Prakashan, New Delhi ,2013.
- Co-authored (with Dr KK Jha) the book **Engineering Physics (Vol-II)** Published by Satya Prakashan, New Delhi, 2014.

Dissertation Guided:

- Guided M.Sc Scholars for their dissertations.

Conferences / Seminars / Workshops:

- International Conference on "Innovative Trends in Natural/ Applied Sciences and Energy Technology for Sustainable Development" (ITNASETSD- 2014). 29-30 April 2014, Jawaharlal Nehru University, New Delhi.
- International Conference on "Innovative Trends in Natural/ Applied Sciences and Energy Technology for Sustainable Development" (ITNASETSD- 2013), Jawaharlal Nehru University, New Delhi, 27-28 July 2013 .
- Workshop on DB2 by IBM, Dronacharya College of Engineering, Gurgaon, 25-27 July 2012.
- Workshop on Intellectual Property Rights, Dronacharya College of Engineering, Gurgaon, 08-Dec-2012.
- Seminar on Self-management and Holistic Health, Dronacharya College of Engineering, Gurgaon, 08-Dec-2012.
- 4th "Recent Trends in Advancement of Mathematical and Physical Sciences", D N (PG) College, Meerut, 17-March-2012.

- Workshop on Waste Water Management (WWM-2011), Dronacharya College of Engineering, Gurgaon, 15-June-2011.
- 3rd "Recent Trends in Advancement of Mathematical and Physical Sciences ", D N (PG) College, Meerut, 06-Feb-2011.
- CONIAPS-XI, Allahabad University, Allahabad, 22-Dec-2010.
- 2nd "Recent Trends in Advancement of Mathematical and Physical Sciences", D N (PG) College, Meerut, 31-Jan-2010.
- Ailing Earth and Health threats, D N (PG) College, Meerut, 20-Dec-2007.
- 9th Conference of the International Academy of Physical Science, Agra University, Agra, 05-Feb-2007.
- 9th Conference of the International Academy of Physical Science, Agra University, Agra, 03-Feb-2007.
- Recent Trends in Advancement of Mathematical and Physical Sciences, D N (PG) College, Meerut, 06-Nov-2006.

Professional Membership:

- Conference of the International Academy of Physical Science (Lifetime) ,
- Membership No. - BN/4N/77.
- Spectroscopy Asia (Lifetime), Membership No. – 258.