

Faculty Initiatives (January 2013 to 2016)

1. V. Bhalla, **Devraj Singh**, A. Mathur, M. Wan, P. K. Dhawan, A.K. Jaiswal and R.R. Yadav, 2016, Experimental investigation on the thermal conductivity and ultrasonic velocity of propylene glycol based TiO₂nanofluids, *19th World Conference on Nondestructive Testing*, Internationales Congress Center MünchenMessegeleände - 81823 Munich - Germany, 13-17 June, 2016.
2. Dr. Devraj Singh attended a national conference on “Recent Advances in Materials & Field Theory (NCRAMFT-2K15)” at BPIT, Delhi on 28th December -29th December 2015.
3. Dr. Pramod Kumar Yadawa participate in Young Scientist’ Conference as a part of India International Science Festival on 4th -8th December 2015 at IIT Delhi.
4. Ms. Leena Singh attended a short term training programme on “Big Data and Advanced Video Compression” under the TEQIP Project at S.V. National Intitute of Technology, Surat, Gujarat, during 29th June – 3rd July, 2015.
5. Ms. Leena Singh attended a five days short term training programme on “Privacy Preserving Data Mining” under the TEQIP Project at S.V. National Intitute of Technology, Surat, during May 25-29, 2015.
6. Ms. Pinki Nayak and Ms. Bindu E. attended short term STC course on “Hands-on Experience on LabVIEW” from 25th May to 29th May 2015 conducted by the Electrical Engineering Department at NITTTR, Chandigarh.
7. Ms. Aakanshi Gupta and Ms. Rashmi Gandhi attended DST sponsored “Workshop on Data Analytics” from 18th May to 23rd May 2015 organized at USMS, GGSIP University, Delhi.
8. Mr. Puran Singh attended an Faculty Development Programme on “Solar Radiations: Green option for Energy” at Manav Rachana International University, Faridabad held on 11th May to 23rd May 2015.
9. Dr. Vijay Kumar attended 4th Amity International Olympiad on 26th May – 27th May 2015 conducted by AICE at AUUP Noida.
10. Dr. Devraj Singh attended International Symposium on Ultrasonics (ISU-2015) on “Role of Ultrasonic NDE for the characterization of materials at different physical conditions” at RTM Nagpur University, Nagpur during 22-24 January, 2015.
11. Ms. Manjula attended Science day at AUUP Noida on 2nd March 2015.
12. Ms. Nidhi Sindhvani attended SPIN 2015-IEEE Conference on 19th -20th February 2015.

13. Ms. Pooja and Ms. Leena Singh attended a Poster Presentation in IISF-2015 at IIT Delhi on 4th December 2015 and 7th December 2015.
14. Mr. Deepak Gambhir attended a conference on “Signal Processing & Integrated Networks (SPIN-2015)” at AUUP, Noida on 20th February 2015
15. Ms. Shaveta attended a Workshop on Research Methodology at IGDTUW on 6th November 2015.
16. Ms. Vivek Sharma attended a workshop at South Asian University on 14th Dec – 16th December 2015.
17. Ms. Vini attend a International Exhibition & Conference on “New Technologies in Transmission, Distribution, Smart Grid & Communication (GRIDTECH-2015)” on 8th -10th April 2015 at Pragati Maidan, Delhi.
18. Ms Rachana Nagal attended IEEE international conference RDCAPE-2015 on 13th March 2015 at AUUP, Noida.
19. Dr. Devraj Singh attended “Rashtriya Sangoshthi: Mapiki-2014” on Tap Mapan kee Upyogita (importance of Temperature Measurement) at National Physical Laboratory, New Delhi during 8-9 December 2014.
20. Dr. Shashi Chawla attended two week FDP on “Frontiers in Chemical & Polymer Sceinces” during 15th December to 26th December 2014, organized by department of Applied Chemistry and Polimer Technology, DTU, Delhi.
21. Dr. Devraj Singh attended UGC sponsored National Conference on “Future Perspectives of Science & Technology in Society and Governance (FPSTSG-2014)” organized by department of Chemsitry, Physics and Mathematics, SSV College, Hapur (U.P.) during 29-30 November 2014.
22. Dr. Devraj Singh attended UGC sponsored National Conference on Material Characterization and their applications (Material Characterization by Ultrasonic), at Anand Niketan College, Anadwan-Warora, Chandrapur (Maharashtra) on 6th February 2014.
23. Dr. Devraj Singh attended a National Conference on “Liquid Crystals (NCLC-2014) held at Vikramajit Singh Sanatan Dharm College, Kanpur and he has presented a poster on **Mechanical and Thermal properties.... An ultrasonic study** during 10th November to 12th November 2014.

24. Mr. Rajesh Kumar Saluja attended a workshop on “Fluid Mechanics” under the national mission on education through ICT (MHRD Govt. of India) from 20th May-30th May 2014, at Amity University, Haryana.
25. Ms. Pinki Nayak attended an AICTE sponsored international conference on “Computing informatics and Networks” held at BPIT on 3rd January 2014.
26. Mr. Surender Hans attended a workshop on “Signal & System” held on 2nd January – 3rd January 2014 at MAIT.
27. Ms. Rashmi Vashishth attended a workshop on “COMSOL Multiphysics v4.4 Launch Event at New Delhi” on 31st January 2014.
28. Ms. Neera Bhutani attended a National Seminar and presented a paper on “Delhi through the Ages: The even alive sultanate: A study of Delhi: A Novel by Khushwant Singh” held on 7th – 8th February 2014 at Dayal Singh College, Karnal.
29. Dr. Devraj Singh attended UGC sponsored National Conference on Materials Characterization and their applications, 6th February 2014 at Anand Niketan College, Anandwan, Warora Dist. Chandrapur (M.S.) and gave Invited talk on “Materials characterisation by ultrasonic.
30. Ms. Aekta Singh and Ms. Shelly Jindal attended a conference on “Engineering & Science Innovation SUMMIT” at New Delhi on 24th February 2014.
31. Dr. Devraj Singh attended 2nd Annual Convention of IAPT at Happy School, Daryaganj, New Delhi on 15th April 2014.
32. Manender Singh, Suhail Ahmad, “Bursting capacity and debonding of Ultra-deep composite riser: A safety Assessment”, published in the proceeding of the ASME 2014 33rd International Conference on ocean, offshore and Arctic engineering (OMAE-2014), June 8-13, 2014, San francisco California, USA (Coming).
33. Manender Singh, Suhail Ahmad, “Local strers Analysis of composite production riser under random sea”, published in the proceding of the ASME 2014 33rd International Confernece on ocean, offshore and arctic engineering (OMAE-2014), June 8-13, 2014, San Francisco, Californic, USA (Coming).
34. Mandeep Mittal, Juhi et.al. (2014), presented paper on Modifying inventory classification policies using loss rule, in International Conference on Advarcement in computing science, info tech. & engineering, e-learning technologies (ACSITEET-2014), 22-23 Feb. 2014.

35. Puran Singh attended 2nd International Conference on Technological and Management advance in new age economy: An Industry perspective: MIET, Greater Noida. Design and Fabrication of B-Type Stirling Engine. Month :- March, 2014; ISSN : 2230-729X.
36. Puran Singh attended a National Conference on 'AMMM', Bahadurgarh. Design and Analysis of a Automated Guided Vehicle (AGV), March 16, 2013.
37. Vijay Kumar, Paridhi Mathur, Hitesh Dua, Manisha Sharma, "Testing cost modeling incorporating two-stage SRGM during testing phase: A Genetic Algorithm Approach", presented in the International Business School Conference (IBSCON2014) held at AIBS, Amity University Noida, 6-7 March, 2014.
38. Vijay Kumar, P.K Kapur, Ritesh Kumar, Alok Nath Sharma, "Optimal pricing and warranty policy of a product under the influence of reworking during production and free replacement during warranty length" presented in the International Business School Conference (IBSCON2014) held at AIBS, Amity University Noida, 6-7 March, 2014.
39. Mandeep Mittal, Sarla Pareek, Reshu Agarwal (2014) "Loss Profit Estimation Using Association Rule Mining with Clustering", ICBIC international conference, 6-8 August, 2014, Taipei, Taiwan (Accepted).
40. Mandeep Mittal, C K Jaggi and Aditi Khanna (2014) "Retailer's Ordering Policy for defective and deteriorating items with permissible delay in payments under inflationary conditions", presented in the International Conference on Innovative Trends in Mechanical, Material, Manufacturing, Automotive, Automobile and Aeronautical Engineering organized by Krishi Sanskriti on 15th-16th February, 2014 at Jawaharlal Nehru University, New Delhi.
41. Mandeep Mittal, Sarla Pareek, Juhi Singh, Akshay Sachdeva, Rahul Kumar and Omkar Arora, (2014) "Modifying Inventory Classification Policies Using Loss Rule", presented in the International Conference on Advancements in Computing Sciences, Information Techniques & Emerging E-Learning Technologies (ACSITEET- 2014) organized by Krishi Sanskriti on 22nd-23rd February, 2014 at Jawaharlal Nehru University, New Delhi.
42. Mandeep Mittal, Juhi Singh, Amit Aggarwal, Khushboo Kumari, Manan Yadav and Akansha Anand (2013) "Inventory Decisions in Supply Chain Management using Data Mining", presented and published in the proceedings of the National Conference on Recent Trends in Operations Research, 11-12 April, 2013 at Amity School of Engineering and Technology, Bijwasan, New Delhi.

43. Vijay Kumar, Mandeep Mittal, Deepti Agrawal, Naveen Kumar, Laxmi and Vivek Gupta (2013) "Optimization of functional test cases using Genetic Algorithm after Prioritization", presented and published in the proceedings of the National Conference on Recent Trends in Operations Research, 11-12 April, 2013 at Amity School of Engineering and Technology, Bijwasan, New Delhi.
44. Mandeep Mittal, Juhi Singh, Amit Aggarwal, Khushboo Kumari and Manan Yadav (2013) "Ordering Policy for Imperfect Quality Itemsets using Cross selling effects", presented and published in the proceedings of the International Conference on Reliability, Infocom Technologies and Optimization, January, 29-31, 2013 at Amity University Uttar Pradesh, Noida, India, pp. 667-672.
45. C.K. Jaggi, Mandeep Mittal, Jyoti Gulia, Pankaj Singh and Ruchi Sharma (2013) "Credit financing in economic ordering policies for defective items with order overlapping", presented and published in the proceeding of the International Conference on Reliability, Infocom Technologies and Optimization, January, 29-31, 2013 at Amity University Uttar Pradesh, Noida, India, pp. 689-692.
46. Mandeep Mittal, Rajiv Kumar and Surbhi Agrawal (2013) "Effects of Inspection on Retailer's Ordering Policy for Deteriorating Items with Shortage Backordering", presented in the proceedings of the National Conference on Recent Trends in Operations Research, 11-12 April, 2013 at Amity School of Engineering and Technology, Bijwasan, New Delhi.
47. Jitender Tanwar, Mandeep Mittal and Sanjay Tyagi (2013) "Improvement in software complexity using code optimization and program slicing techniques", presented in the National Conference on Recent Trends in Operations Research, 11-12 April, 2013 at Amity School of Engineering and Technology, Bijwasan, New Delhi.
48. Shivani Verma, Vishesh Garg, et.al, Performance and Power Analysis different implementations of QPP Interleaver, NCRTOR, April 11-12, 2013, pp- 105-108.
49. Shelly Jindal, Real Time Embedded System for bio-feedback, April 11-12, 2013, pp- 142-144.
50. Dr. Mandeep Mittal, Mr. Sanjeev Kumar and Mr. Pankaj Kumar Singh attended a meeting with delegation from National Central University, Taiwan at AUUP, Noida on 23rd January 2013.
51. Ms. Shelly Jindal, Ms. Aekta Singh and Mr. Aditya Kumar Singh attended a conference on "National Instruments: Discussed about the laboratory setup using N.I. experimental Engineering" held on 5th February 2013 at Delhi.
52. Mr. Deepak Gambhir provisionally filed a patent "Multirate turbo code based image transmission" on 18th February 2013

53. Dr. Pankaj Mehta attended a International Conference Alexander Von Humboldt, on “Management of Water, Energy & Bio-resources in changing Climate Regime” International Humboldt Kolleg 8-9, February 2013, JNU, New Delhi
54. Dr. Pawan Kumar Sharma (Department of Applied Mathematics) participated in Conference on “Symposium on Computational Techniques and Mathematical Modeling” at South Asian University, Akbar Bhawan, Chanakyapuri, New Delhi-110021, during 5th April – 6th April 2013.
55. Dr. Devraj Singh attended a Annual Conventions of Indian Association of Physics Teachers (IAPT) on “Crucial Role of NDT in Present Scenario”, held on 15th April 2013.
56. Ms. Anjali Rani and Ms. Aman Setia attended a workshop in IITD on “Embedded System Design using Atmel XMEGA XPLD A1 and ARM based SAM 4L” organized by Atmel India University Programme at IITD held on 18th – 19th July 2013.
57. Mr. Ishwar Singh, Dr. Renu Tuli and Dr. Shashi Chawla attended a one week FDP on “HUMAN VALUES & PROFESSIONAL ETHICS” at GGS Indraprastha University from 25th July to 31st July, 2013.
58. Mr. Sudeep Kumar Singh and Ms. Juhi Singh attended a Summer Faculty Research Fellow programme-2013 at IIT, Delhi held on 14th June to 16th July 2013.
59. Ms. Vyoma Bhalla attended a National Symposium on ultrasonic regarding mechanical and thermal properties of Praseodymium monopnictides, held on 30-31 October, 2013.
60. Dr. Shashi Chawla attended a National Seminar at IIPA on “Food Security and Food Production” on 31st October - 1st November 2013.
61. Dr. Shashi Chawla attended an Interactive Workshop on “Intellectual Property & Commercialization” held on 30th November 2013.
62. Mr. Sudeep Kumar Singh and Mr. Rajesh Kumar Saluja, attended a Workshop on “Engineering Mechanics” under the National Mission on Education through ICT (MHRD, Govt. of India) from 26/11/2013 to 6/12/2013 in Amity University Haryana.
63. Dr. Devraj Singh and Mrs. Vyoma Bhalla attended an International conference on “Recent Trends and Devices (ICRTMD-2013)” at Amity Institute of Applied Sciencity, AUUP Noida on 30-31 October, 2013.

64. Ms. Aekta Singh, Ram Naresh Yadav and Yugnanda attended one Week FDP on "Advanced communication" at NIT-Delhi, 11th June-15th June 2013.