

Faculty Initiatives (January 2012- December 2012):

- 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.
- Dr. Devraj Singh presented a paper entitled “Temperature dependent ultrasonic properties of alkali halides single crystals and participated in various committees of NSU-XIX like technical committee. (December 2012)
- Ms. Vyoma Bhalla attended a National Conference held on 30th & 31st October 2012 on “Mechanical and Thermal Properties of Praseodymium monopnictides” at National Physical Laboratory.
- Dr. Devraj Singh attended a National Workshop on “**Advanced Analytical Techniques in Research & Development**” at Amity University, Noida on 20th December 2012.
- Mr. Pankaj Kumar Singh and Ms. Parvinder Kaur attended a TOT programme on “**Higher Education Preparedness**” held on 1st December – 2nd December 2012
- Ms. Pinki Nayak, paper has been accepted on “Energy Aware AODU (EA-AODU) Variable Range Transmission in Int. Conference in wireless Mobile Networks & Applications (WiMoA-2012).
- Mr. Deepak Gambhir, paper has been accepted on “Design of optimized Neuro-Wavelet Based Hybrid Model for Image Compression, “Mr. Deepak Gambhir, Mr. Navin Rajpal & Mr. Vipula Singh” presented at DPPR-2011, CCIS-205, pp-96-67 2011.
- Mr. Deepak Gambhir and Mr. Navin Rajpal, paper has been accepted- March 15-17, 2012, IEEE International Conference at ISM Dhanbad, Title “Fuzzy Edge Detector Board Adoptive Quantization Image Coding : FuzzAQC”.
- Mr. Deepak Gambhir and Mr. Navin Rajpal, paper has been accepted at ICCSEA-2012 to be held in May 25-27 Delhi, on “Intensity Based Adaptive Fuzzy Image Coding method: IB AFC”.
- Dr. P.K.Yadawa, “Acoustic wave propagation in semiconductor ZnTe Nanoparticle”.
- Dr. Pankaj Mehta attended a Guest Lecture at Amity University, Noida.
- Dr. Devraj Singh participated in the Faculty Development Program on “Research Methods and Statistical Analyses Designing Research Proposal” held on 14th February 2012.
- Dr. Pankaj Mehta attended a National Seminar on “Geochemistry and Geophysics” at Banaras Hindu University, Varansi (U.P.) on 22nd February 2012 – 24th February 2012.

- Ms. Rachna Nagal and Ms. Nidhi Sindhwani attended a seminar on “Advances in Embedded Electronics & Communication Technologies” at Ansal Institute of Technology (AIT), Gurgaon on 18th February 2012.
- Dr. Devraj Singh participated in the Faculty Development Program on “Global Trends in Pure & Applied Chemical Sciences” held on 3rd March and 4th March 2012
- **Dr. Pankaj Mehta**, Tripathi, J. K. and Rajamani, V. (2012) Geochemical Mobilization of elements during weathering of amphibolites and gneisses in different climate zones of Mysore plateau, southern India **National Seminar on "Geology and Geo-resources of Himalaya and cratonic regions of India" 10-12th March 2012 Kumaon University, Nainital.**
- Dr. Shashi Chawla attended a Conference on “India Africa Ministers Conference & Technical Expo” at Vigyan Bhawan, Delhi on 1st March – 2nd March 2012.
- Dr. Shashi Chawla attended and delivered his invited speech on 17th March 2012 in the “National Seminar on Role of Chemistry for Improvement in Quality of Human Life” at Ujjain Engineering College, Ujjain (MP) on 17th -18th March 2012
- Dr. Pramod Kumar Yadawa (Department of Applied Physics) attended the International Symposium on “Ultrasound in the Control of Industrial Process” at Madrid, Spain during 18th April – 20th April 2012.
- Dr. Giridhar Mishra (Department of Applied Physics) attended the International Symposium on “Ultrasound in the Control of Industrial Process” at Madrid, Spain during 18th April – 20th April 2012.
- Ms. Pinki Nayak, paper has been accepted on “Energy Aware AODU (EA-AODU) Variable Range Transmission in Int. Conference in wireless Mobile Networks & Applications (WiMoA-2012).
- **Mandeep Mittal**, Jaggi Chandra K, Khanna A. (2012) “An EOQ model for imperfect deteriorating items with time-dependent demand under inflationary conditions”, *International Journal of Systems and Science (IJSS)*.(Accepted)
- **Mandeep Mittal and Jaggi Chandra K** (2012) “Retailer ordering policy for deteriorating items with initial inspection and allowable shortage under the condition of permissible delay in payments”, *International Journal of Applied Industrial Engineering (IJAIE)*, Vol. 1, No. 1, pp. 46-79
- Dr. Renu Tuli and Dr. Pawan Kumar Sharma Participated in the Faculty Development Program on Developing Research Instruments and Survey Scales held on May 8th, 2012 at Apeejay School of Management, New Delhi.
- Ms. Shaveta attended Faculty Development Program on Cloud Infrastructure Services held on 7th May – 11th May 2012 at Amity Campus, Noida.
- Ms. Rashmi Vashisth attended Faculty Development Program on LABVIEW SOFTWARE held on 16th May – 17th May 2012 at Amity University, Noida.

- Ms. Leena Singh attended Faculty Development Program on “Recent Advances in Genetic Algorithms and their Applications in Engineering Design”. (July 2012)
- Dr. Renu Tuli attended Faculty Development Program on “Developing Research Instruments and Survey Scales”. (July 2012)
- Dr. Renu Tuli attended Faculty Development Program on “HANSS-ON SPSS AND HYPOTHESES TESTING”. (July 2012)
- Dr. Renu Tuli contributed a paper titled “A survey of fuzzy multi-objective linear programming problems”.
- **Papers presented in conferences :** “Ultrasonic Characterization of Superhard Material: Osmium Diboride” **Pramod Kumar Yadawa:** International Symposium on Ultrasound Control of industrial Process (UCIP-2012) held at Madrid, Spain during 18-20 April, 2012.
- **Ms. Shardha Porwal and Ms. Vyoma Bhalla** attended the FDP on Amity Academic Structure and System earlier on August 30-31, 2012 at Amity University, Noida.