

**ICFAI UNIVERSITY JHARKHAND ORGANIZES NATIONAL SEMINAR ON
“NANOTECHNOLOGY: APPLICATIONS & CHALLENGES”**

Ranchi, October 29, 2013.

The Seminar on the leading edge technology of “Nanotechnology” organized today by the ICF AI University Jharkhand, at its Faculty of Science and Technology (FST) campus in Harmu Road provided a unique opportunity for the Researcher, Educationist & Professionals from the industry, academia, and the government to understand the concepts of Nanotechnology, its applications & challenges and discuss prospects for future implementation.

The scope of the seminar included understanding the application of nanotechnology in the field of Surface Science, Molecular biology, semiconductor physics, micro fabrication etc. The key focus of the seminar was to foresee future outlook for the Nanotechnology, value proposition from the perspective of industry and career opportunities for Nanotechnology professionals.

Prof. O R S Rao (Vice- Chancellor) welcoming the key Speakers, guests, speakers of the technical session and students stated that Nano technology has crossed the hump of lab research and spawned over 1300 commercial products , so far, for use by consumers and industry . Nano technology is poised to further revolutionize a number of technology and industry sectors, like Information Technology, electronics, energy, environmental science, medicine, security, food safety, military, space and transportation etc. On the back drop of such developments, breath taking innovative applications seem to be round the corner, like Nano batteries that can charge your mobile in seconds, Smartphones with the computing power of Supercomputer, Flexible Wearable computing devices, Handheld breath analyzers that can diagnose disease in seconds. “The world and the mankind at large today need not only exciting and innovative technologies but also there is need for responsible development and deployment of technologies, for long term sustainability”, Prof. Rao added.

Presenting the keynote address on the occasion, Prof. Pathik Kumbhakar (Head, Nanoscience Laboratory, NIT Durgapur), talked about different aspects and application of Nanotechnology in current business environment.

Dr. A. K. Pandey, IAS (Principal Secretary & Additional Chief Secretary, Dept. of Science & Technology, Govt. of Jharkhand), who graced the occasion as Chief Guest, enlightened the students, delegates and other participants and suggested to acquire knowledge through wide range of applications and technologies. Dr. Pandey showed his concern over environmental impact of nanomaterials & their potential effects globally and appealed nanotechnology professionals to resolve the same.

Mr. Manoj Kumar (MD & Partner, Jyoti Cero Rubber Ltd) addressed the seminar as Guest of Honors.

The inaugural session was followed by Technical Sessions in which delegates from diverse field and across the country presented their research papers in presence of panel of experts and chairperson. As many as 12 technical papers were presented at the Seminar.

The prominent speakers included from leading Academic Institutions like NIT Durgapur, St. Xavier’s College, Bihar University, BIT, VKS University, Central Tasar Research and Training Institute etc and from reputed corporates like MECON, Hind Auto Ltd, Jyoti Cero Rubber.

Dr. KK Nag Senior Academic Advisor, FEDUNI, in his concluding remarks exhorted the students and the participants to keep abreast of this new technology for their survival and growth. Dr. B M Singh, Registrar of the University proposed a Vote of Thanks. Mr. Kanchan Sinha and Mr. Rakesh Pathak coordinated the Seminar. Prof. A S Prasad, Associate Dean (FMS), Prof. Madan Prasad, Associate Dean (FST), University officials, students and other invitees participated in the Seminar.

About the ICFAI University Jharkhand: The ICFAI University, Jharkhand (IUJ) belongs to the ICFAI University Group (IUG), which pioneered Professional Education in India. IUJ was established under ICFAI University Act, 2006 (Jharkhand Act 08, 2007), which was passed by the State Legislature of Jharkhand and was notified by Government of Jharkhand on 17th June 2008. The University was empowered by UGC vide its letter dated 1st Dec2009 to award degrees under Section 22 of UGC Act, 1956.

IUJ is committed to grooming its students into Competent Professionals, with Good Personal Values and Ethics.

IUJ offers a range of vocation oriented Under Graduate and Post Graduate programmes, which include Ph.D Programme (Part-time) in Management, MBA, B Tech, BBA & BCA. Besides excellent infrastructure like well furnished class rooms, laboratories, workshops and library, IUJ has well qualified and experienced faculty members.

Special features of IUJ programs include Contemporary curriculum, Summer Internships with industry, Live projects, Technology Enhanced Learning and Campus placement assistance. IUJ offers fee concessions to students domiciled in Jharkhand, besides merit scholarships to meritorious students.

More details on IUJ can be found by visiting its website at www.iujharkhand.edu.in.