

# **NATIONAL SEMINAR ON “NANOTECHNOLOGY: APPLICATIONS & CHALLENGES”**

The Seminar on the leading edge technology of “Nanotechnology” organized on 29<sup>th</sup> October 2013 by the ICFAI University Jharkhand, at its Faculty of Science and Technology (FST) campus 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.

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.

**ICFAI** Faculty Of Science and Technology  
**UNIVERSITY** ICFAI University Jharkhand  
**JHARKHAND**

**Organizes**  
**National Seminar**  
**on**  
**Nanotechnology: Applications & Challenges**  
**on the 29th of October 2013**

Venue: 2nd Floor, Panchwati Tower, Harmu Road, Ranchi Jharkhand-834001, Ph: +91 – 0651-2284203  
Timing: 2.00 pm













