



Department of Metallurgical Engineering, IIT (BHU), Varanasi, India

BHUMET News

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IIM NMD-ATM 2013

The 51st National Metallurgists' Day (NMD) celebration under the aegis of Ministry of Steel, Government of India, New Delhi and the 67th Annual Technical Meeting (ATM) of the Indian Institute of Metals were held on the campus of Banaras Hindu University during November 12-15, 2013. It was organized under the joint auspices of the Indian Institute of Metals, Varanasi Chapter and the Department of Metallurgical Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi. This year NMD-ATM attracted 920 delegates including 670 outstation delegates and 250 local participants.

The technically rich 465 quality presentations during the NMD-ATM 2013 include 19 plenary lectures, 71 invited presentations, 228 oral talks. The two days poster session had 157 presentations. Apart from these, two memorial lectures, one medal lecture and a talk by life time achievement award winner were also delivered. The metallographic contest entries numbering 53 was the attraction of the NMD-ATM 2013 at BHU. The Plenary session started with the first inaugural talk by eminent colleague from University of Cambridge, Professor H. K. D. H. Bhadeshia on "Carbon in cubic and tetragonal ferrites: the world's first bulk nanostructured steel", followed by the lectures of eminent metallurgists from all over the world.

The IIM and NMD awards were also presented along with other prestigious honorary memberships. Honourable Minister of Steel, Shri Beni Prasad Verma gave away Life time achievement award to Dr. S. K. Gupta. All the other awards were given by the Honourable Secretary G. Mohan Kumar in presence of Shri C.S. Verma, Chairman SAIL and Professor K. Chattopadhyay, President IIM.

An Alumni Reunion of Department, "Reunion-90" was organized in the afternoon of November 15, 2013, towards the end of the NMD-ATM 2013 event at Swatantrata Bhawan.

The department received an ample appreciation for completing the gigantic task of organization of NMD-ATM to the satisfaction of most of the outstation participants and dignitaries.



The ATM inauguration in swatantrata bhawan



Hon'ble Minister of Steel presenting life time achievement award to Dr. S. K. Gupta



Student volunteers with members of the faculty

Guest Lectures:

Prof. R.D.K. Misra

On Monday, 9th December, '13, Prof. R. D. K. Misra (1980 batch) delivered an enlightening lecture on “**Harnessing the Science of Nanostructured Metallic Materials for Structural and Functional Performance**”. He was also awarded with Distinguished Alumnus Award by Head of the Department.

He is Distinguished Professor at University of Louisiana at Lafayette, USA since 2001. He was also Founding director of an Interdisciplinary Materials, University of Louisiana. Prior to joining academia, Professor Misra was a scientist at the Defense Metallurgical Research Laboratory, India. He completed his Ph.D. from University of Cambridge.



Prof R. K. Mandal presenting momento to Dr R.D.K.Misra

Dr. Ritesh Sachan

On Friday, 3rd January, '14, Dr. Ritesh Sachan (2006 batch) gave a lecture in the field of Biomaterials on **Plasmonic Bimetals**. Dr Sachan is currently Postdoctoral research associate at Oak Ridge National Laboratory.

Ritesh Sachan, a graduate student of Dr. Ramki Kalyanaraman and Dr. Gerd Duscher, won a first place research poster award at the Microscopy and Microanalysis Annual Meeting in 2012. The title of his presentation was “**Surface Plasmon Response of Self-Organized Bimetallic Plasmonic Nanoparticles**”.



Prof GVS Sastry presenting momento to Dr Ritesh Sachan

49th Inter-IIT Sports Meet

IIT Guwahati hosted the 49th Inter-IIT Sports meet and it was the first time that IIT(BHU) took part in the event. A total of 16 IITs with IIT-BHU being a new addition competed out for the General Championship trophy at IIT Guwahati this year.

It witnessed 3000 participants participating in different sports like Athletics, Aquatics, Basketball, Badminton, Cricket, Football, Hockey, Table Tennis, Tennis, Squash, Volleyball and Weight Lifting. IIT(BHU) team grabbed 4th position in the cricket.

Moreover, the Inter IIT Sports Meet was also held for the faculty and staff of various IITs separately. Dr C K Behera from our department participated in the Badminton.

