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Summary

National Seminar on Recent Advancements in Chemical Sciences

Venue : MNIT, Jaipur

Duration : 21/08/15 to 23/08/15

A One day National Seminar on Recent Advancements in Chemical Sciences held at MNIT, Jaipur during 21/08/15 to 23/08/15. More than 200 researchers, scientists, industrialists and allied professionals from all over INDIA were attended this conference and showed their recent research findings. The Inaugural Lecture on "Never-ending Surprises in Photoluminescence from Semiconductor Nanocrystals" was delivered by Prof. D.D. Sharma from IISc. Bangalore. This was an excellent lecture and covers all the fundamentals of Photoluminescence and the recent advancements in this area including the applications of Nano crystals. There were 04 Plenary lectures on different fields of chemistry in this conference. All those were given by eminent scientists of IITs and IEST. The PL 1 and PL 2 were about the use of nano particles in drug dilivery system and for energy storage respectively. The PL 3 describes the use of nanoparticles as a catalyst in coupling and other organic reactions, it was also include the synthesis of Nano particles via single source precursor route. The PL 4 focused on the efforts towards building molecular level understanding of optical control of the structure and functions of retinal-bound photoreceptors, and the challenges of molecular design of synthetic phototriggers and photoswitches along with their possible applications. There were around 15 Invited talks by the dynamic speakers from IITs, NITs, IISc, and various reputed universities and Institutes which gave an idea about the new dimensions of research in multiple area of Chemistry in INDIA. This conference addressed all aspects of chemical sciences and allied areas. Various young researchers and scientists showed their recent rsearch in the conference through Oral and Poster presentations.