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PRESS RELEASE

Top Brains of Chemical Sciences assembled in IIT (ISM) discuss wide range of issues, including Engineered Nanostructured Materials for Sustainable Environment and Production of Biosurfactant from Microorganism.

Top brains of Chemical Sciences assembled at IIT (ISM) since yesterday to participate in the three day **International Conference of Recent Advances in Chemical Sciences** continued deliberations during the second day today on wide range of issues, right from the Analytical Techniques for Separation and Characterization of Microplastics in Environmental Samples to Production of Biosurfactants from Microorganism.

The day-2 proceedings of the conference held in two technical also witnessed cultural programmes p during the end of the day which was preceded with the Online poster presentation by Japanese Professor.

The day began at PET -3 hall of the institute with the first technical session of day Chaired by Professor Shankar Chandra Moi of NIT Durgapur during which Prof Alka Sharma of University of Rajasthan delivered the invited lecture on the topic, titled, Engineered Nanostructured Materials for Sustainable Environment.

Three more invited lectures, including one on Inked Paper Based Electrodes with Gold Nano Ink for Electrochemical Detection of Glucose by Prof Kamlesh Srivastava of Pt. Ravishankar Shukla University, Raipur and second one on Analytical Techniques for Separation and Characterization of Microplastics in Environmental Samples by Prof Badal Kumar Mandal of Vellore Institute of Technology.

The third invited lecture of session I of Day 2 on Synthesis and Characterization of 5-Methylisoxazole derivatives by LCMAS & ampl: ¹H NMR Technique and its potential Application was delivered Dr Ajit Joshi of Uka Tarsadia University, Gujraat. The session also witnessed four Oral lectures of M Tech Students and Research Scholars.

During the second technical session of the day, three invited Lectures, including One of Chemical Approaches Towards Eco Friendly and Stable of Perovskite Based Thin Films Solar Cells by Dr Subhashis Roy of University of Calcutta and second One on Multi Target Binding profiles of Therapeutic Agents with Biomolecules by Prof Neelima Gupta of Centre of Advanced Study of University of Rajasthan, Jaipur were also held.

The third guest lecture of session -2 of the day was delivered by Dr Nimai Chand Pramanik of Central Glass and Ceramic Institute on the topic, Development of Super Capacitor and it's Accepted Test Protocols for Application in High Power Electronics.

Four Oral Lectures by students and research scholars and an Online Poster Presentation by Shunsuke AOKI of Tokyo University of Science, Japan on the topic, Using Interfacial organic



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Solvents in Preparation and Crystallization-Towards Microfluid Application and Safety of Experiment were also held during the session -2 of the day.

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