**Invited Speakers List**

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| **Paper ID** | **Title** |
| IP-01 | Modeling and Simulation of Two Dimensional Bioreactor used for Production of Functional Food Galacto-oligosaccharides  **Prof. Pinaki Bhattacharya**  *Department of Chemical Engineering, Heritage Institute of Technology, Kolkata, India* |
| IP-02 | Selective And Sensitive Detection Of Dopamine By Doped Polypyrrole/Chitosan Stabilized Nano-Ag Modified Electrode,  **Prof. Priyabrata Sarkar**  *Department of Polymer Science and Technology, University of Calcutta, 92 APC Road, Kolkata 700009, India* |
| IP-03 | Lanthanide Cation Incorporated Semiconductor Nanoparticle Luminophores: Photophysics, Surface Capping And Potential Biological Applications, ,  **Dr. Prasun Mukherjee**  *Centre for Research in Nanoscience and Nanotechnology (CRNN), University of Calcutta, JD-2, Sector-III, Salt Lake, Kolkata-700106* |
| IP-04 | Thermal Hydraulic Transient Analysis Of PHT System For Hypothetical Loss Of Coolant Accident (LOCA)  **Prof. Chandan Guha**  *Chemical Engineering Department, Jadavpur University, Kolkata- 700032* |
| IP-05 | Application Of ANN In Chemical Engineering  **Prof. Sudip Das**  *Chemical Engineering Department, University of Calcutta, 92, A.P.C Road, Kolkata-700009, West Bengal, India.* |
| IP-06 | Technical Aspcts Of Paint Drier---Past, Present & Future  **Dr. Tapan Khanra**  *Bangkok, Thiland* |
| IP-07 | pH Responsive Self Assembling From Polymersomes To Aggregates In Hyperbranched Copolymer And Waste Water Treatment Through Host-Guest mechanism  **Dr. Abhijit Bandyopadhyay**  *Department of Polymer Science and Technology, University of Calcutta, 92 A.P.C. Road, Kolkata 700 009, India* |
| IP-08 | Adsorption Of The Biological Staining Dye Proflavine By Graphene Oxide : Studies In The Context Of Its Removal From Biological Systems,  **Prof. Dipankar Chattopadhyay**  *Department of Polymer Science and Technology, University of Calcutta, 92 A.P.C. Road, Kolkata 700 009, India* |
| IP-09 | Natural Fibre Reinforced Composite  **Prof. Basubam Adhikari** |
| IP-10 | Present Status and Future Challenges of Multifunctional Polymer and Composite Materials - **Dr. Dibyendu S. Bag**  *Defence Materials and Stores Research and Development Establishment , DMSRDE P. O., G. T. Road, Kanpur-208013, INDIA* |
| IP-11 | Recent trends in polymer biomaterials and its future prospects  **Dr. B. C. Mitra**  *Former Director, NIRJAFT (ICAR), Kolkata 700040* |
| IP-12 | Accurate estimation of shear rate using rotating coaxial cylinder Fann Viscometer -  **Dr. Chandan Guria**  *Department of Petroleum Engineering, Indian School of Mines, Dhanbad 826 004, India* |
| IP-13 | Bioinspired Nanocomposites  **Dr. Arvind Sinha**  *CSIR-National Metallurgical Laboratory, Jamshedpur 831007, India* |
| IP-14 | Selective Sensing of Mercury (II) Ions by Epoxy-based Polymers  **Dr. Samaresh Ghosh**  *Department of Chemistry, Bankura Sammilani College, Bankura-722102, West Bengal, India* |
| IP- 15 | Corrosion behavior of an eco-friendly passivator  **Dr. Rita Ghosh**  *Research and Development Division, Tata Steel, Jamshedpur, India* |
| IP-16 | Development of High Solid Hyperbranched Polymer for Eco-friendly Coating  **Dr Tirthankar Jana**  *Berger Paints India Limited, Howrah 711103* |
| IP- 17 | Protective Coatings For Marine Platforms  **Dr.Tapan Mahato**  *DRDO, NMRL Mumbai* |
| IP-18 | Nanocellulose reinforced semi-interpenetrating polymer network of poly(vinyl alcohol) & polyacrylamide biocomposite films for packaging  **Prof. D Chakraborty**  *Department of Polymer Science & Technology, University of Calcutta* |
| IP-19 | Functionalized Dextrin Based Hydrogels / Microgel / Nanogel: Application Towards Controlled/Targeted Drug Delivery,  **Dr. Sagar Pal**  *Polymer chemistry Laboratory, Department of Applied Chemistry, Indian School of Mines, Dhanbad- 826004, India.* |
| IP-20 | Petrochemical Business – Indian Scenario  **Mr. Manoj Kumar Jha, Mr. A V Raghunadhan**  *IOCL, New Delhi* |