

PROGRAM SCHEDULE OF POSTER PRESENTATION

19th January, 2023 (Thursday)

Session II (02:45 PM – 04:30 PM)

PP – 26	Satyapriya Nath , NISER Bhubaneswar Title: Covalent Organic Framework as Nano-Reservoir for Room Temperature RNA Storage
PP – 27	Sudipa Manna , BARC, Mumbai Title: BiVO ₄ And 3D Graphene Nano Composite Photoanodes For Improved Photoelectrocatalytic Splitting Of Water
PP – 28	Siddharth Sankar Dutta , NISER Bhubaneswar Title: Dynamics of Halophilic Reaction: A competing reaction to Nucleophilic Substitution Reaction
PP – 29	Sushil Patil , BARC, Mumbai Title: Effect of Deuterium addition on Hydrogen Bonding of Deep Eutectic Solvent: Insights from FTIR and Photoluminescence Study.
PP – 30	Sourav Ranjan Pradhan , NISER Bhubaneswar Title: Stabilisation of Cu(II) ion by (<i>o-p-o</i>)-terphenyl embedded calixphyrin(2.2.1.1.1) core
PP – 31	Reman Rana , HBNI, Mumbai Title: Effect of polarity of solvent on Diffusivity of Li ⁺ ion: First Principles based Molecular Dynamics simulation
PP – 32	Subhadip Banerjee , NISER Bhubaneswar Title: Simple Aromatic Molecules with Electronegative Atoms- An <i>ab initio</i> Molecular Dynamics Study
PP – 33	Priya Yadav , HBNI, Mumbai Title: On the Direct Dissolution of Actinide Oxides in Task-Specific Ionic liquid: Insights from DFT Investigations
PP – 34	Subhashini. V. Subramanian , NISER Bhubaneswar Title: Synthesis of 2-aryl benzofurans via Nickel catalysed tandem reaction
PP – 35	Bodda Suryaprasad , IGCAR, Kalpakkam Title: Dispersion Induced Tetrel Bonding by Acetone in Co-existence With σ -hole Driven Picogen Bonding in Heterodimer of POCl ₃ -Acetone at Low Temperatures

PP – 36	Subhashree S. Panda , NISER Bhubaneswar Title: New TDG: <i>Diethoxyethyl-L-Proline</i> Facilitate <i>ortho</i> -Arylation at Aryl-Amines/-Amino acids via Pd-Catalyzed C(sp ²)-H Activation
PP – 37	Rini K. Vishwakarma , IGCAR, Kalpakkam Title: Hydration Supported Surface Modification of Graphene Oxide Membranes for Enhanced Strontium Adsorption
PP – 38	Sushanta K. Meher , NISER Bhubaneswar Title: Polystyrene supported reusable heterogeneous Palladium catalysts for the dehydrogenative coupling of secondary alcohol in water
PP – 39	V. Sukumaran , IGCAR, Kalpakkam Title: Studies on synthesis and characterization of lead borosilicate glass for the immobilization of radionuclides
PP – 40	Tanmoy Pain , NISER Bhubaneswar Title: A Large Scale Green Synthesis of Porphyrins
PP – 41	Y. Raghavendra , IGCAR, Kalpakkam Title: Structural and Ion Exchange Studies of Na-ETS-4 Prepared Using Citrate As Titanium Complexing Agent
PP – 42	Ananda Karak , BARC, Tarapur Title: Extraction of Actinides using Different Tripodal Amides
PP – 43	Monika Gaur , BARC, Mumbai Title: Supramolecular assembly of coumarin 7 with β -cyclodextrin derivative: Modulation on the photophysical properties and pK _a shift
PP – 44	Pratik Das , BARC, Mumbai Title: Structural and thermodynamic studies of Na and Ln substituted fluorapatite matrix
PP – 45	Ruchi Agrawal , BARC, Mumbai Title: Optical and magnetic properties of γ -Fe ₂ O ₃ , ZnO, γ -Fe _{2-2x} Zn _{2x} O ₃ and γ -Fe ₂ O ₃ @ZnO nanoparticles prepared by thermolysis