

Indian Institute of Science Education and Research Bhopal

Pre\_ICOS Meeting

December 9-10, 2016

Poster No.	Name	Poster Title
PP 1	Shobha Bansal	Synthesis and Characterization of $\text{MgFe}_2\text{O}_4$ Ferrite Nanoparticles: A Highly Efficient Magnetic Nanocatalyst for the Faster Synthesis of Several Five and Six Membered Heterocycles
PP 2	Mrinal Kanti Das	Unified Approach to the Asymmetric Total Syntheses of Amaryllidaceae Alkaloids of Biological Importance
PP 3	Easwar Srinivasan	"Through Space" and "Through Bond" Proximity of the Ion-Tag in an Imidazolium-Proline Catalysed Asymmetric Aldol Reaction
PP 4	Gangam Srikanth Kumar	Ruthenium-II catalysed C-H Activation of Anilines by Traceless directing group: A facile access to Quinolines by employing allylic alcohols as coupling partner
PP 5	Bapurao Arjun Bhoge	Synthesis of clickable and non-hydrolysable analog of GTP to disrupt SRP cycle.
PP 6	Ranjeesh Thenarukandiyil	N-Heterocyclic Carbene (NHC) Ligands in a New Action in C-H Activation-Annulation Catalysis
PP 7	Vandana Rathore	Base-Mediated TM-Free Oxidative $\text{sp}^3$ C-H and $\text{sp}^2$ C-H Coupling of Acetamides with Nitroarenes: Synthesis of Unsymmetrical Diaryl Acetamides
PP 8	Champak Dutta	Switchable C-H Activation/Functionalization with $\text{Rh(III)}-\text{aNHC}$ Platform

PP 9	Prakash Kannaboina	Site-Selective C-H Functionalization of Azaindoles
PP 10	Srinivasa Rao Adusumalli	Selectivity of Organic Reactions in Protein Modification
PP 11	Yogesh Mahadev Gangarde	design and synthesis of peptidomimetic foldamers for inhibition of amyloid beta aggregation
PP 12	Ramalingam Tamilarasan	Synthesis of di/trimeric pyrazolium type of ionic liquids under multiple synthetic routes and its applications
PP 13	Landa Purushottam	Competition of $\alpha$ -amine and $\varepsilon$ -amine in chemical modification of proteins
PP 14	Arunkumar M	Towards Benchmarking Electrode Preparation for Supercapacitor Applications
PP 15	Anilkumar Karampoori	Transition-metal catalyzed Chemoselective N-arylation of heterocycles possessing multiple nucleophilic sites
PP 16	Gaurav Saini	Palladium catalyzed $\alpha$ - Arylation of Enones in the Synthesis of Nitrogen Heterocycles
PP 17	Riki Das	Palladium-catalyzed, ortho-selective C-H Halogenation of benzyl nitriles, aryl Weinreb amides and anilides
PP 18	Shivani Sharma	Ruthenium Catalyzed C-H functionalization to Medicinally Relevant Heterocycles

PP 19	Chander Pratap Singh	Solid State Proton Conduction through Oxygen Functionalized Few-layer Graphene
PP 20	Mohammad Rehan	Transition-Metal-Free Synthesis of Homo- and Hetero-1,2,4-Triaryl Benzenes by an Unexpected Base-Promoted Dearylative Pathway
PP 21	Balakrishna Aegurula	One-pot, three-component approach for the synthesis of substituted pyrazoles through a metal free C(sp <sup>3</sup> )–C(sp <sup>2</sup> ) cross-dehydrogenative coupling (CDC).
PP 22	Rajesh Kumar	A Rigid, Twisted Fluorescent Molecular Tweezer in Padmasana Position
PP 23	K Naresh Babu	Cu(II)-PHOX-Catalyzed Highly Enantioselective Malonate Addition onto 3-Hydroxy-2-oxindoles: Formal Total Syntheses of Dimeric Pyrroloindoline Alkaloids
PP 24	Rajat Pandey	Biocatalysed synthesis of pyranopyrazoles
PP 25	Sujoy Bandhyopadhyay	Multifunctional Fluorescent Porous Organic Polymer Fluorescent Turn-off Nitro aniline Sensing
PP 26	Sanjay Maity	Enantio- and Diastereo-selective Synthesis of exo-Peroxyacetals: An Organocatalyzed Peroxyhemiacetalization/oxa-Michael Addition Cascade
PP 27	Arvind Kumar Singh Chandel	New insight in Targeted Drug delivery System
PP 28	Arun Sharma	Enantioselective aminolysis of meso-epoxides by aliphatic amines : Direct Access to enantioselective synthesis of acetylcholine inhibitors