



ChemSci2023: Leaders in the Field Symposium

23-25 January 2023

JNCASR Bangalore

Selected Candidates' list for the Offline Participation & Poster Presentation at JNCASR

Name	Institution	Poster Number	Poster Title
Abdul Shiraj	IISER Pune	P01	Rotamer dependent and rigidity induced fluorescence emission in gemdimethyl substituted Peptide Nucleic Acid (PNA) monomers
Abhishek Garg	JNCASR Bangalore	P02	Ammonia production rate in the mmol range produced by high density of Cu(100) facets over oxide derived copper
Aditi Saraswat	JNCASR Bangalore	P03	2D Lead and Bismuth Iodide Based Hybrid Layered Perovskites
Akshay Saroha	JNCASR Bangalore	P04	Regulation of Microtubule Dynamics and Function in Living Cells via Cucurbit[7]uril Host-guest Molecular Recognition
Angshuman Das	JNCASR Bangalore	P05	Precision Synthesis of Small Molecule-based Supramolecular Graft Copolymer with onset of Heterogeneous Nucleation
Anindita Bhowmick	IISER Pune	P06	A Direct Access to α-Glutaric Acid Diesters from Aldehydes via Consecutive Giese type Addition Under Visible Light Irradiation
Anish Kumar Das	IISER Thiruvananthapuram	P07	An atomically precise silver nanocluster for artificial light-harvesting system through supramolecular functionalization
Anjali Gaur	JNCASR Bangalore	P08	Conformer population in liquid ethylene glycol (EG) and their selection at the liquid vapour interface and in aqueous solution using a refined non-polarizable force field
Anju A K	JNCASR Bangalore	P09	Controlling the Triplet Harvesting Pathways in Intermolecular Systems via Charge-Transfer Approach
Anshulata	JNCASR Bangalore	P10	Acyl Hydrazide as a Versatile Side Chain for Engineering β-Peptoid Foldamers with Trans Amide Bonds
Antara Reja	IISER Kolkata	P11	Minimal Catalytic Assemblies Promote Oscillations via Feedback Loops in Closed System
Anubhav Kumar	IISER Tirupati	P12	Capturing Elusive Carbocations and Carbanions in Aqueous Microdroplets

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Amesha Choudhury	Anustoop Das	JNCASR Bangalore	P13	Strong Antibonding p-d Hybridization Leads to
Anwesha Choudhury HT Guwahati P14 Engineering Semiconductor Layer using solvent Additives for Organic Field Effect Transistor Aparna R. K. HSER Thirurananthapuram Silver Nanoparticle-Deconated Defective MOF for Efficient Electrocated bytic Carbon Dioxide Reduction Research Institute Arun Karmakar CSR Central Electrocated Spite Carbon Dioxide Reduction Research Institute P16 Designing of an Effective Electrocated Spite Carbon Dioxide Reduction Moderate Approach Ashutosh Kumar Singh JNCASR Bangalore P17 Cobalt-Induced Phase Transformation of Ni.Gu. Generates Chiral Intermetallic Co.Ni.Gua. Avishek Guin HSE Rangalore P18 A Study of the Synthetic Approach Ayan Jati HSER Kolkata P19 Proximity and Interlocking in Conatem Organic Framework for Diverse Photocatalytic Cross-Coupling Reactions Bhaskar Kakoty JNCASR Bangalore P20 Dual Functional Propylene Carbonate Co-solvent for High Performance Aqueous Zinc-ion Batteries Bibi Ghosh HSe Bangalore P21 Delineating Conformation Control in the Photophysical Rehaviour of a Molecular Donor-Acceptor-Donor Triad Bijab Patra JNCASR Bangalore P22 Desymmetrization: From Fischer Indolization to De Novo Arene Construction Brijesh Patel CSIR-CSMCRI P24 Organos				
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Kuruva Balanna	IISc Bangalore	P41	N-Heterocyclic Carbene-Catalyzed Synthesis of Oxazolones, ξ-Lactones and N-N Axially Chiral Molecules
M Sivaprakash	Central University of Tamil Nadu	P42	Asymmetric synthesis of siprohexahydroindole oxindoles via organocatalytic remote olefin E/Z isomerization / [4+2]-cycloaddition reaction
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Madhu R	JNCASR Bangalore	P44	Cyclic dipeptide-based small molecules modulate zinc-mediated liquid–liquid phase separation of tau
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Monika Yadav	JNCASR Bangalore	P49	Organocatalyzed Regio-regular Polymerization of a- Aryl Trimethylene Carbonates and Synthesis of Diblock Copolymers Containing Donor and Acceptor Blocks
Navaneetha N	CSIR-IICT Hyderabad	P50	Desymmetrization of Prochiral Cyclohexadienones
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Pankaj Kumar Chaturvedi	IISc Bangalore	P54	Paper-based rapid and selective detection of fluoride ions: development of Tb-based photoluminescent pro-sensitizers
Parvati Marandi	INST Mohali	P55	Molecular Logic Operations using Multi-stimuli Responsive, Mechanically Tunable Elastic Organic Single Crystals

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Reshma Ramakrishnan	IISc Bangalore	P61	Dispersing Mature Biofilm of Klebsiella pneumoniae using a Cow Rumen Microbial Enzyme and Potentiating Antibiotics and Macrophages Against the Biofilm-Encased Pathogen
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Shakil Ahmed	IISc Bangalore	P72	Tetraphenylethene-Based Emissive Pt(II) Coordination Polymer toward Artificial Light- Harvesting Systems with Sequential Energy Transfer
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