

List of Abstracts Selected for Oral Presentations:

Oral Presentation No.	Name of Student	Title of Abstract
OP1	Abhishek Kumar Shaw	Ru(II)-Catalyzed Macrocyclization via C-H activation to Access Indoline-Braced Metacyclophanes
OP2	Aniruddha Das	Design and Characterization of Nickel Complexes as Analogues for Nip Sites in Acetyl Coenzyme A Synthase/CO Dehydrogenase: Electrochemical and CO Reactivity Properties
OP3	Ankita Sarkar	DECON-impregnated hydrogel-based soft contact lens- a novel approach in inhibiting ocular herpetic inflammation
OP4	Anmol	Unveiling the Role of Solvent in Solution Phase Chemical Reactions using Deep Potential-Based Enhanced Sampling Simulations
OP5	Arup Samanta	Metal-Ligand Cooperation and Redox Promoted Alcohol Activation Using Zinc Complex
OP6	Geetanjali Deka	Fe(III)-Complex Incorporated and Surface-Modified Porous Silica Nanosphere as Hepatocyte-Targeted MRI Contrast Agent
OP7	Kshitiz Verma	Sc(OTf) ₃ -Catalyzed Domino C–C/C–N Bond Formation of Aziridines with Quinones via Radical Pathway
OP8	Mehak	Magnetic Nanoparticles as Magnetic Hyperthermia Agents
OP9	Nasireddy Seshadri Reddy	Photocatalytic, Intermolecular Olefin Alkylcarbofunctionalization Triggered by Haloalkyl Radical Generated via Halogen Atom Transfer
OP10	Pallabi Paul	Biopolymer Derived Carbon Dots as a Dual Probe for Delivery of Therapeutics and Vitamin Detection
OP11	Renitta Benny	Conformational control of Thiourea and Squaramides for ON/OFF Catalysis Regulation
OP12	Rikitha S Fernandes	Exploring the Synergistic Effect of Aggregation and Hydrogen Bonding: Fluorescent Probe for Dual sensing of Phytic Acid and Uric Acid
OP13	Roopjyoti Misra	Esterase-responsive Fluorogenic Prodrugs of Aldose Reductase Inhibitor Epalrestat: An Innovative Strategy towards Enhanced Anticancer Activity
OP14	Rubi Moral	Tripodal AIE active acylhydrazone based probe for selective turn on response towards Zn ²⁺ in HEPES buffer and as anion/metal responsive organogelator
OP15	Sanskruti Smaranika Dani	Flexible PVDF-BST Electrospun Nanocomposites for Enhanced Piezoelectric Energy Harvesting
OP16	Soumitra Sau	Triphenylamine based CMPs as efficacious photocatalysts towards phenol production, simultaneous detection and degradation of micropollutants
OP17	Swarnalata Maiti	MXene derived metal organic framework@PANI heterostructure as a hybrid supercapacitor

OP18	Uttama Mukherjee	A CO ₂ Capture Journey through Computational Modeling – Amines and beyond
------	------------------	--------------------------------------------------------------------------------------