

Code	PRESENTER	PI (Prof. / Dr.)	TITLE
PP1	Raman kumar	Shanmugam Manivannan	Exploring the Synergistic Power of Layered Au and Pt Bi-metallic Nanoparticles for Efficient Methanol Oxidation
PP2	Ritesh Tolani	Shanmugam Manivannan	Multifunctional Core@Shell Structured Gold Nanodendrites@Gold Nanoclusters: An Efficient Catalytic and Sensor Domain for Environmental Remediation Applications
PP3	Satyam Verma	Kanak Roy	Single Atom Heterogeneous Catalysts for Carbon Dioxide Hydrogenation
PP4	Sachin Kumar	Shanmugam Manivannan	Infiltration of Gold Ions in Partially Porous Prussian blue-Fe ₂ O ₃ mixed Microstructure to Obtain 3-D Nano-catalytic Networks via Electroless Deposition for Environmental Remediation Applications
PP5	Ajay kant Gola	Satyendra Kumar Pandey	Synthesis of α -Carbonyl- α' -amide Sulfoxonium Ylides from Isocyanates with Complete Atom Economy
PP6	Ankit kumar Srivastava	Roop Shikha Singh	Multifunctional Pyrazine Based Donor-Acceptor Molecules with Donor Directed Light Harvesting Application
PP7	Ashvani Yadav	Virendra Prasad	Synthesis of Symmetrical Disulfides via NIS-PPh ₃ -Mediated Reductive Self-coupling of Sulfonyl Hydrazide
PP8	Bandana Singh	V.P. Singh	
PP9	Prem Chand	Ashish Kumar	High fidelity detection of Picric acid by a novel binuclear ZnII-metallacycle following proton prompted fluorescence quenching mechanism
PP10	Irshad ali	Daya Shankar Pandey	Aggregation-Induced Emission in Quinolone–Quinazoline Conjugates Facilitated by Intermolecular Hydrogen Bonding, with Potential Application in Acidochromism
PP11	Ishu Yadav	Krishna Nand Singh	A simple regioselective synthesis of β -difluoromethoxy vinyl sulfones via O-difluoromethylation of β -ketosulfones using sodium chlorodifluoroacetate
PP12	Ujala Maddheshiya	Kamlesh Kumar	Chemoselective hydration of terminal alkynes catalysed by bis(dimethylglyoximate)cobalt(III) complexes
PP13	S.P Sonkar	Manoj K. Bharty	Antiproliferative activity of Co(III) complexes stabilized by in situ generated bis(5- phenyl-1,2,4-triazole)-3-sulfonamide
PP14	Ram pratap Pandey	Nazar Hussain	"Site- Selective chiral azidation of Glycals: Access to C-3 branched Glycoconjugates and
PP15	Ravisen Rai	Arvind Misra	A simple TICT/ICT based molecular probe exhibiting ratiometric fluorescence Turn-On response in selective detection of Cu ²⁺
PP16	Riya Kumari	M. K. Bharty	Synthesis, structural characterization and photophysical studies of Co(III) complex of 1-isonicotinoyl-4-(4-nitrophenyl)-3-thiosemicarbazide and its Anticancer activity

PP17	Mahesh Kumar	Krishna Nand Singh	Microwave-Assisted Diversity-Oriented Synthesis of Thiazol-2(3H)-ones and Its Interaction with Biomacromolecules
PP18	Ajay Sharma	Satyendra Kumar Pandey	Straightforward Access to α -Thiocyanoketones and Thiazoles from Sulfoxonium Ylides
PP19	Kaushal Kishor	Krishna Nand Singh	Visible-Light-Mediated Synthesis of α -Ketoamides via Oxidative Amination of 2-Bromoacetophenones Using Eosin Y as a Photoredox Catalyst
PP20	Vikas Yadav	Virendra Prasad	Transition Metal-Free Catalyzed Oxidative Coupling of Anilines to Azo Compounds and Thiophenols to Disulfides
PP21	Prince Kumar	Shyam Bahadur Rai	Assessing the structural dependent optical properties of Eu ³⁺ doped in La/YPO ₄ nano phosphors for anticounter fitting applications
PP22	Anjali Jaiswal	Krishna Nand Singh	Copper-Catalyzed Decarboxylative Synthesis of α -Ketothioamides using α,β -Unsaturated Arylcarboxylic acids, Alicyclic Secondary Amines and Elemental Sulfur
PP23	Anshuman	Biplab K Kuila	UV Cross-Linked Polymer Stabilized Gold Nanoparticles as a Reusable Dip-Catalyst for Aerobic Oxidation of Alcohols and Cross Aldol Reaction
PP24	Ashish Kumar Kushwaha	Roop Shikha Singh	Lysosome Targeting Solid State NIR Emissive Donor-Acceptor Molecules: A Study on Photophysical Modulation through Architectural Distinction
PP25	Devendra Kumar	S. Krishnamoorthi	Isomeric Polythiophene: Promising Material for Low Voltage Electronic Devices
PP26	Sarvesh kumar Pal	Kamlesh Kumar	Cationic Heteroleptic Ni(II) Dithiocarbamate Complexes: Synthesis, Characterization, and Electrocatalytic Oxygen Evolution Reaction
PP27	Soumya Singh	Satyen Saha	Modulating Flexible Triarylmethanes into Rigid Xanthene Fluorophores
PP28	Nikhil Srivastava	Pankaj Srivastava	Green Synthesis of Titanium Dioxide Nanoparticles and its Integration into Dye-Sensitized Solar Cells for Enhanced Photovoltaic Performance
PP29	Arpna Tamrakar	Mrituanjay D. Pandey	Copper-guided tuning of supramolecular nano-assembly in pseudopeptide-based soft bioinspired materials
PP30	Saurabh Singh	Maya Shankar Singh	Electrochemical Hydroxylation of α -Bromoketones: Access to α -Hydroxy Ketones
PP31	Sarita Shaktawat	Jay Singh	Synthesis, characterization and electrochemical biosensing behaviour of
PP32	Bindu Tiwari	Nazar Hussain	Lewis acid mediated stereo- and regioselective Transformation of Pseudoglycals Towards the Synthesis of 2-thioaryl/alkyl Glycosides

PP33	Richa Kumari	Chandra Shekhar Pati Tripathi	Fabrication of g-C3N4/WO3 Nanocomposite for Enhanced Visible Light Photocatalytic Degradation of Rhodamine B
PP34	Mithali Maheshwari	Nazar Hussain	Direct functionalization of glycals with cycloalkenones catalyzed by palladium acetate: Application to the Synthesis of Chiral Phenanthrenones
PP35	Komal Kumari	Dr. Surajit Rakshit	Antiproliferative Activity of Bioactive on Mucosal Carcinoma
PP36	Sourav Mondal	Biswajit Ray	Synthesis of thermoresponsive homopolymers poly(N-ethyl)-N-(3-(isopropylamino)-3-oxopropyl) acrylamide and its copolymers with poly(ethylene glycol) methyl ether acrylate
PP37	Paran Jyoti Borpatra	Satyendra Kumar Pandey	Metal-Free Syntheses of α -Ketothioamide and α -Ketoamide Derivatives from Sulfoxonium Ylides
PP38	Priyankar	Dr. Surajit Rakshit	Revealing the Promise of Complex Coacervate-Driven Drug Delivery Systems in the Biomedical Landscape
PP39	Trayambek Nath Chaubey	Satyendra Kumar Pandey	Elemental Sulfur-Mediated Synthesis of Quinoxalines from Sulfoxonium Ylides
PP40	Diksha Singh	Jay Singh	Synergistic WS ₂ @Chitosan Nanocomposites based Electrochemical Platform for Nonenzymatic Histamine Detection
PP41	Ashirwad Divedi	Jawahar L. Jat	Direct N-Me Aziridination of Enones
PP42	Vinay Pandey	Vinod K Tiwari	CuAAC 'Click' inspired Synthesis of Sialo-Dendrimer and its Biological Application
PP43	Anupam Singh	Lal Bahadur Prasad	Synthesis, crystal structure and screening for anticonvulsant and antianxiety activities of three new Ni(II), Cu(II), and Zn(II) dithiocarbamate complexes
PP44	Surbhi Sharma	Debanjan Guin	Facile Synthesis of 2D Magnesium Oxide Nanosheets for Non-Enzymatic, Selective and Sensitive Electrochemical Detection of Hydrogen Peroxide
PP45	Krishanu Bandyopadhyay	Satyen Saha	Determination of Critical Aggregation Concentration of Surfactants and Ionic Liquids by Probing Hydrogen-Bonded Water Structure using Raman and Hyper-Raman Spectroscopy
PP46	Ganesh Kumar	Maya Shankar Singh	Metal-free [3+3] heteroannulation of thioamides with alkynyl NHPI-esters to access 2H-1,3-thiazin-4(3H)-ones
PP47	Surendra Yadav	Jay Singh	FRET based Charge Transfer in PDY-132:F8T2 Polymer Blend for OLED
PP48	Harshita Singh	Ashok K. Basak	One-pot Synthesis of Pyrazoloindolones via Base Promoted Intramolecular Oxidative Cyclization Under Aerobic Conditions

PP49	Santosh K. Singh	Santosh K. Singh *	Synthesis and crystal structure of new transition metal complexes of ferrocene functionalized dithiocarbamate-dipyrromethene ligands
PP50	Sonam Soni	Sonam Soni	HAT and Complementing MS-CPET Strategy of Eosin-Y in Visible-Light-Photocatalysis
PP51	Karamdeo Prajapati	Ashok K. Basak	Synthesis of azonia aromatic heterocycles bearing 6-6-6-5-6 pentacyclic core via intramolecular [4+2]-cycloaddition and oxidative aromatization reaction sequence in one-pot
PP52	Manoj Jaiswal	Vinod K. Tiwari	Organocatalyzed Regioselective Synthesis of 1,5-Disubstituted 1,2,3-Triazolyl Glycoconjugates
PP53	Manoj Kumar Saini	Ashok K. Basak	Expeditious Synthesis of Functionalized Polycyclic (Hetero)aromatic Compounds via In(OTf) ₃ -Catalyzed Cycloisomerization of Enyne Diesters Derived from Biaryls and Related Substrates
PP54	Km Riya Patel	Lal Bahadur Prasad	N-(4-fluorobenzyl) N-(pyridin-2-ylmethyl) derived transition metal dithiocarbamate complexes: Synthesis, characterization and Antihistaminic activity
PP55	Trishna	Lal Bahadur Prasad	Synthesis, characterization and anti-inflammatory activity of metal complexes derived from cyclohexyl and naphthalen-1-ylmethyl functionalized dithiocarbamate ligands
PP56	Aditya Rai	Krishna Nand Singh	Copper-Catalyzed Thiolation of Hydrazones with Sodium Sulfinates: A Straightforward Synthesis of Benzylic Thioethers
PP57	Anamika	Biplab K Kuila	Triazine and Thiophene-Containing Conjugated Polymer Network Emitter-Based Solution-Processable Stable Blue Organic LEDs
PP58	Arpita Maurya	Biplab K Kuila	Nitrogen and sulphur Co-doped carbon material derived from conjugated porous polymer for Metal-free Hydrogen Evolution Reaction and Supercapacitor applications
PP59	Ambrish kumar Pandey	Shruti Trivedi	Mechanism deciphering interaction characteristics of the antidepressant drug trazodone with double stranded DNA: Multi-spectroscopic analysis
PP60	Vikas Jangra	Lal Bahadur Parsad	Highly sensitive electrochemical sensor for individual and simultaneous detection of Pb (II) and Hg (II) ions based on ZnO modified g-C ₃ N ₄ nanocomposite
PP61	Avinash Chaurasia	Abhishek Kumar	Design, Synthesis And Characterization Of 1,3,5-Tris((arylselanyl)methyl) mesitylene Moieties
PP62	Abhishek Maurya	Jawahar L. Jat	Direct synthesis of secondary amides from ketones through Beckmann
PP63	Shiva	Nidhi Goel	Selective detection of nitroaromatic analyte through 2D Cd(II) coordination polymer
PP64	Shashikant Yadav	S. Krishnamoorthi	Sodium-Ion-Conducting Hydrogel Material: Synthesis, Characterization and Conductivity Studies
PP65	Neeraj K Sah	Somenath Garai	UNVEILING THE CATALYTIC POTENTIAL OF SILICOMOLYBDIC ACID IN CRAFTING DIVERSE BIOLOGICALLY RELEVANT ORGANIC COMPOUNDS.

PP66	Shivani Shukla	Ida Tiwari	Synthesis and Characterization of Graphene based Nanocomposite Materials and its Electrochemical Application for Detecting Phenolic Compounds
PP67	Akash Srivastava	Subrato Bhattacharya	Nickel(II) carbothioate complex incorporated graphene oxide-polyvinylidene fluoride ternary composite film: Preparation, structural features, dielectric, and electrical characteristics
PP68	Anant Kumar Singh	Dr. Surajit Rakshit	Untangling the Molecular Interaction: Spectroscopic Insights into DNA-Cobalt Complex
PP69	Shukla Majhi	Debanjan Guin	Development of a multifunctional fluorescent probe based on carbon quantum dot/gum arabic stabilized silver nanocomposite for rapid detection of hydrogen peroxide and Hg ²⁺ ion in aqueous solution
PP70	Megha Kesari	Rajesh Kumar	Synthesis & characterization of amino acid-based acrylamide derived amphiphilic block copolymer using a new xanthate and its influence on cell cytotoxicity & cell viability
PP71	Anamika Chaudhari	Suman Kushwaha	Comparative Study of Natural and Synthetic Dyes on DSSCs: an experimental and computational approach
PP72	Subashish Ray	Maya Shankar Singh	TBHP-Mediated Intermolecular Radical Coupling and Intramolecular Cyclization Cascade: Access to Furo[2,3-b]quinoxalines and their Photophysical Study
PP73	Sudhanshu Kumar	Suman Kushwaha	Biosynthesis of TiO ₂ nanostructures using camellia sinensis extract (polyphenols) and Investigation of their execution as Photoanodes in Photovoltaic device
PP74	Md. Kaleem	Arvind Misra	A new simple colorimetric ICT based fluorescent molecular probe for specific detection of Cu ²⁺ and ClO ⁻ ions
PP75	Renuka Singh	Debanjan Guin	Haloperoxidase-mimicking activity of 2D CuO nanosheets for the colorimetric detection of H ₂ O ₂ and Glucose
PP76	Suryansh Chandra	Manoj Kumar Bharty	Antiproliferative activities based on Ni(II) and Co(II) complexes of 1-picolinoyl-4-phenyl-3-thiosemicarbazide: Synthesis, crystal structure, and photoluminescence study
PP77	Malkeet Singh	Maya Shankar Singh	Aromatic C(sp ²)-H functionalization by consecutive paired electrolysis: Dibromination of aryl amines with dibromoethane at room temperature
PP78	Phool Chandra	Renu Singh	Electrochemically induced an efficient, simple, non-catalytic synthesis of β-phosphonomalonates via multicomponent reaction
PP79	Keshav Sharma	Debanjan Guin	Hydrophilic Silver Nanoparticle Infused Polyester Fabric with L-Lysine Grafted Graphene Oxide for Catalytic Degradation and SERS-based Detection of Eight Industrial Contaminants
PP80	Mansi Srivastava	Sonam Soni	Photo-Catalytic Application of Carbon Nanoparticles
PP81	Rimpi Bhandari	Arvind Misra	A PET based pH-responsive bridged organic scaffold exhibiting sensitivity for Lysosome and Hg ²⁺ ion through fluorescence Off–On–Off response
PP82	Naveen Kumar	Satyendra Kumar Pandey	Multicomponent Reaction of CS ₂ , Amines, and Sulfoxonium Ylides in Water: Straightforward Access to β-Keto Dithiocarbamates, Thiazolidine-2-thiones, and Thiazole-2-thiones

PP83	Nitin Kumar	Kandasamy	Synthesis of Functionalized S-Benzyl Dithiocarbamates from α -Aryl diazoesters via Multicomponent Reactions with Carbon Disulfide and Secondary Amines
PP84	Swati Sharma	Ganesh Pandey	Photoredox Catalysed Benzylic C(sp ³)-H Functionalisation: A Strategy to Construct Important Heterocyclic Frameworks and Total synthesis of (+)-Centrolobine and (-)-Codonopsinine
PP85	Amresh Kumar Singh	Monalisa Pal	High-performance transparent conductive graphitic carbon ultrathin film
PP86	Sanjana Srivastav	Abhishek Kumar	DESIGN, SYNTHESIS & STRUCTURAL CHARACTERIZATION OF BIDENTATE ORGANOSELONE MOIETIES
PP87	Pranshu Gupta	Kalluri V. S. Ranganath	Enantiospecific Resolution of Racemic Benzoin and synthesis of Anti-Tumor Benzoyloxydiphenylethanones via Chincona Surfactant Stabilized Ferrite Nanoparticles
PP88	Rahul Kumar Saini	Satyendra Kumar Pandey	I ² -DMSO-Mediated Cascade Cyclization of β -Ketosulfoxonium Ylides and β -Enaminones: Synthesis of Quaternary Carbon Centered 2-Hydroxy-pyrrol-3(2H)-ones
PP89	Rajlaxmi	Biplab K Kuila	Tuning of Frontier Orbital Energy Levels of Fluorene Based Conjugated Porous Organic Polymer Through Introducing Electron Deficient Group for Improving Organic Photocatalysis
PP90	Upendra Kumar	Satyendra Kumar Pandey	Copper-catalyzed chemoselective oxidative o-arylation of 2-acetylphenols, alkyl salicylates and 1,3-dicarbonyl compounds using styrene derivatives
PP91	Varsha Singh	Vellaichamy Ganesan	Amorphous metal oxide on carbon support as bifunctional catalyst for oxygen electrocatalysis
PP92	Satyam Srivastav	Harish C. Upadhyay	1,4-naphthoquinone-Isoniazid hybrid molecules as potential broad spectrum antituberculosis agents
PP93	Vidhusha Singh	Abhishek Singh	Synthesis and analysis of some Bimetallic Nanoparticles
PP94	Rama Jaiswal	Kalluri V. S. Ranganath	Design and Synthesis of Carbon-entrapped bimetallic oxide as a new hybrid material for the oxidation of 5-Hydroxymethylfurfural (5-HMF) to 2,5-Diformylfuran (DFF)
PP95	A.K. Upadhyay	A.K. Upadhyay	Electrochemical Biosensor for the Analytical Detection of Dopamine Based on PDDA/Multiwalled Carbon Nanotubes Modified Glassy Carbon Electrode
PP96	Nikhil Singh	D.S. Pandey	DNA/protein binding and anticancer activity of ruthenium (II) arene complexes based on quinoline dipyrin
PP97	Ashish Kumar	C.S. P. Tripathi	Magnesium Oxide Nanosheets/Polyaniline Nanocomposite integrated Glassy Carbon Electrode as an Electrochemical sensing platform for the Detection of Dopamine and 4-Nitrophenol
PP98	Biswajit Jena	K. D. Mandal	Dielectric and Electrical Characteristics of Bi ₂ /3Cu _{2.9} Ni _{0.1} Ti ₄ O ₁₂ ceramic
PP99	Rocky Kashyap	Ekta Sonker	Graphene-Infused Conducting Polymers for Advanced Applications



PP 100	Ajit Kumar Singh	Arindam Indra	A Photocatalytic C-H Activation for the Arylation of Heteroarenes by Using Ultrathin Bismuthene Nanosheets
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