

**29th CRSI-NSC Symposium in Chemistry & CRSI-ACS Lecture Series in
Chemistry @ IISER Mohali
Final List of Poster Presenters**

Day 1 (07-07-2022, Thursday): P-1 to P-165 (Time: 2.00 – 4.00 pm)

Day 2 (08-07-2022, Friday): P-166 to P-324 (Time: 2.00 – 4.00 pm)

Poster No.	Name	Title of the poster
P-1	A. Soundarya Mary	Fabrication of Mn-NiOOH/BiVO ₄ Photoanode for Efficient Photoelectrocatalytic Water Oxidation
P-2	Aastha Palta	Dual ESIPT based Schiff base for the detection of hypochlorite (ClO ⁻) ion in aqueous system
P-3	Abha Jha	Efficient Charge Transfer from Organometal Lead Halide Perovskite Nanocrystals (PNCs) to Free Base Meso-Tetraphenylporphyrins
P-4	Abhijit Bijanu	Chemically Bonded, Lead-free, Tungsten based Polymer Composites for Shielding Diagnostic X-rays
P-5	Abhijna Krishna R	Pyrene – N-phenylparaphenylene Diamine-Based Imine Conjugate as a Chemodosimeter for the Detection of Trace Amounts of Water in Organic Solvents
P-6	Abhishek Kundu	Transition-metal free C-C cross-coupling reaction via single electron transfer from insitu generated anions
P-7	Abinash Tiwari	Conversion of Non-Perovskites (SnBr ₄ (DMSO) ₂) phase into Vacancy ordered Double Halide Perovskites (MA ₂ SnBr ₆) phase using Cu(I and II) and study of the Humidochromic behavior of the converted system
P-8	Aditya Singh	Phenazine based supramolecular photosensitizing assemblies: A ‘smart’ control on catalytic activity of Pd(II) nanoparticles
P-9	Ajad Singh	Synthetic study towards the Angucyclinones natural products
P-10	Ajay Kumar	Process development for lignocellulosic biomass conversion to 5-hydroxymethylfurfural and furfural and their further value addition
P-11	Ajay Kumar Sharma	Supported bimetallic Pd-Au as catalyst development and its applications for carbonylative synthesis of S-methylthioesters and bis(indolyl)methanes
P-12	Akanksha Kumari	Recyclable Polymer Anchored Pyridine: Utilization in Cascade Synthesis of Dihydrobenzofurans
P-13	Akanksha Singh Baghel	Ruthenium(II)-Catalyzed functionalization of Arylamide via Weakly Coordinating Primary amide as Directing Group
P-14	Akshay M. Nair	A Metal-free Four-component Sulfonylation, Geise cyclization, Selenylation Cascade via Insertion of Sulfur Dioxide
P-15	Akshi Deshwal	Inhibitory effect of nucleotides on Acetylcholinesterase activity and its microflow based actuation in Blood Plasma
P-16	Akshita Sharma	Investigation of various nano-conductive additives on electrochemical performance of Na ₂ Ti ₃ O ₇ anode in hybrid lithium-ion batteries

P-17	Akta Yadav	Kinetic and Mechanistic Investigation of oxidation between sulfanilic acid and HCF(III) in alkaline medium.
P-18	Alokananda Chanda	Recyclable Luminescent Metal-Organic Probes for Real-Time Fast and Selective Detection of 2,4,6-Trinitrophenol in Aqueous Media
P-19	Amanpreet Singh	Naphthalimide-gold-based nanocomposite for the ratiometric detection of okadaic acid in shellfish
P-20	Amit Kumar	Synthesis and characterization of Cs ₄ CuSb ₂ Cl ₁₂ layered double perovskites: Effect of surface capping ligand on charge carrier dynamics mediated by trap states
P-21	Amjad Ali	Ring Expansion of Isatins via 1,2-Phospha-Brook Rearrangement: A Convenient Synthesis of 2-quinolinone derived p-quinone methide.
P-22	Amrita Singh	Electrochemical Determination of Triclosan on Self Assembled Aromatic and Heterocyclic Thiol amines via Surface Reactions
P-23	Amuthan Dekshinamoorthy	Scanning Tunnelling Microscope – A tool to study materials at atomic level
P-24	Anamika Avni	Single-Droplet Vibrational Raman Spectroscopy Illuminates the Inner Workings of Phase-Separated Biomolecular Condensates
P-25	Anchal Pandey	Chemically Functionalized MoS ₂ Nanosheets for Lubrication Enhancement
P-26	Anithabanu.P	Immobilized Enzyme on Metal Organic Framework for Leather Applications
P-27	Anjali Aghi	Synthesis of Non-anomeric Spiro-Fused Bicyclic Sugar derivatives via Light Mediated Intramolecular Hydrogen Atom Transfer (HAT) Process
P-28	Anjali Mahadevan	Photochemistry of Benzothiazole and 2-iodobenzothiazole in cryogenic conditions in inert gas matrices
P-29	Anjali Srivastava	Azobenzene-based ligands exhibiting high Z-stability and Supramolecular Assembly
P-30	Anjana E	Photophysics of N-ButylcarbazoleBODIPYs: A Comparative study
P-31	Anju Joseph	Effective degradation of organic molecules and increased antibacterial activity by bandgap tuning of ZnS
P-32	Ankit Kumar	Selective Hydrogen Production from Glycerol over Ruthenium Catalyst
P-33	Ankit Kumar Gaur	Photophysical Studies Extended π -Conjugated Azopyrazole and Azoisoxazole derivatives
P-34	Ankita Kumari	Architectural influence on the nano-aggregates of randomly decorated amphiphilic polymers
P-35	Anshul Jain	Polymer Supported DMAP: Effective reusable catalyst for the construction of α -pyrone via Michael addition/cyclization
P-36	Anu Kumari	Role of Crystal Structure and Electrical Polarization in Bi-Fe-O system on their Electrocatalytic Oxygen Evolution performance
P-37	Anupam Das	Rose Bengal Photocatalyzed Knoevenagel Condensation of Aldehydes and Ketones in Aqueous Medium

P-38	Anushka Pandey	In-vitro metabolite identification of beauvericin using liquid chromatography high resolution tandem mass spectrometry for biomonitoring studies
P-39	Ardra S Darsan	Hematite/Zinc-Iron Layered Double Hydroxides for Efficient Photoelectrocatalytic Water Splitting
P-40	Argha Chakraborty	Piperazine-Linked Covalent Organic Polymer as the Efficient Platform for the Removal of Toxic Mercury Ions from Wastewater
P-41	Arghya Sen	A case study of the structural transformation for colloidal Ruddlesden-Popper Iodide Perovskite Nanoplates: Effect of the UV light and moisture
P-42	Arjun Singh Bisht	Conformational transition derived phase segregation of polypeptide-based hybrid di-block copolymer
P-43	Arnab Dutta	A Paper-Based Turn-on Photoluminescent Protocol for the Naked-Eye Detection of Hydrogen Peroxide
P-44	Arpna Jaryal	A light(er) approach for the selective HMF hydrogenation to BHMF without external H ₂ : Nothing to sacrifice
P-45	Arti Malik	Pd(II)-Schiff base complex covalently anchored on modified mesoporous MCM-41: An efficient and reusable catalyst for heck reaction
P-46	Arup Dalal	Palladium-catalysed C-H functionalization of pyrene scaffolds
P-47	Asha Rolaniya	Kinetic and Mechanistic investigation of Ruthenium (III) Chloride Catalyzed Oxidation of Sulfanilic Acid by Thallium (III) in Acid Perchlorate Medium
P-48	Asit Kumar Pradhan	Effect of donor-acceptor substituents on the photophysics of 4-ethynyl[c] 2,1,5 benzothiadiazole molecular Systems
P-49	Astha Gupta	Thiazetidin-2-ylidenes as four membered N-heterocyclic carbenes
P-50	Athira K K	Application of Aqueous Biphasic System Containing Ammonium-based Ionic Liquid and Phosphate Buffer in DNA partitioning
P-51	Atika	Effect of carbon number in diol intercalation on nickel hydroxide structure and their effect on supercapacitor electrodes
P-52	Ayan Acharya	“Nature-to-New” in discovery of anticancer agents: Organocatalyzed Umpolung Addition in the synthesis of Privileged Heterocyclic Scaffold
P-53	Ayanangshu Biswas	Ligand-assisted nickel catalysis enabling sp ³ C–H alkylation of 9H-fluorene with alcohols via Hydrogen Atom Transfer (HAT) Pathway
P-54	Ayushi Awasthi	Spectroscopically deciphering the formation of a fleeting Ni(III) bisphenoxyl diradical complex
P-55	Baiju C	Recovery of metals from used Lithium-ion battery cathode materials using deep eutectic solvents
P-56	Baishanal Mandal	Bioinspired radical-mediated transition-metal-free dehydrogenation of heteroarene towards N-heterocycles
P-57	Bal Krishna Mishra	A General Method for α -Oxyacylation of Vinyl Ketones Using Koser's Reagent

P-58	Bhakti Hirlekar	Quantum Chemical Exploration of the Mechanism of Robinson–Gabriel Reaction
P-59	Bhanu Priya	Base free aerial oxidation of 1,6-hexanediol to adipic acid over Pd/HAP catalyst
P-60	Bhanu Priya	Design and Synthesis of Turn-On Fluorescent Probe for Acidic pH in Aqueous Solution
P-61	Bhaskar Kakoty	Dual-Functional Propylene Carbonate Additive for High-performance Aqueous Zn-ion Batteries
P-62	Bhawana Nagar	Synthesis of substituted 1,4- and 1,2-Naphthoquinones using Eosin Y as Photoredox catalyst
P-63	Bhawna Rawat	Prototype large scale reactor for cost-effective H ₂ production from water under natural sunlight
P-64	Bhuvnesh Singh	A Silver(I) Catalysed Stereoselective one pot synthesis of Bridged [2.2.2][3.3.1] Polycyclic Isochromans.
P-65	Bibekananda Gogoi	Two new NHC-Pd-PEPPSI complexes and their catalytic activity in Suzuki Miyaura Cross-coupling reaction.
P-66	Bidyutjyoti Dutta	Microwave assisted metal free synthesis of quinazolin-4(3H)-one derivatives
P-67	Biplab Mondal	γ -Aminocyclopentenone Enables Divergent Access to Functionalized Indoles and Polycyclic Indole Derivatives
P-68	C. Murugan	Facile Construction of BiVO ₄ /Co ₃ O ₄ p-n Junction Photoanode for Enhanced Photoelectrocatalytic Hydrogen Production
P-69	Chandan Kumar Giri	Ruthenium(II)-Catalyzed Regioselective (4+2) Annulation of Aromatic Amides with Unactivated Olefins
P-70	Chhavi Khajuria	Brønsted acid-catalyzed reaction between C-alkynyl imine precursor and thiol: Access to highly enantioenriched propargyl amides
P-71	Chimi Rekha Gogoi	A Template-free Approach to Predict Secondary Structure of Proteins in Eight classes
P-72	D. Mahendiran	First Principles study on Structure and electronics dependent on thickness of traditional 2D layered II-VI semiconductor; growth and stability
P-73	Dasari Sai Hemanth Kumar	Surfactant free-synthesis of cobalt–iron chalcogenides as bifunctional electrocatalyst for the water splitting reaction and Cr (VI) reduction
P-74	Debajit Maiti	Exploring reactivity of diazo-derived carbene: Sustainable photolytic synthesis of diverse bioactive small molecules
P-75	Debanjan Bagchi	Effect of Metal Ions on the Intrinsic Blue Fluorescence Property and Morphology of Aromatic Amino Acid Self-Assembly
P-76	Debapriya Gupta	Copper(II) and Copper(I) Complexes of Arylazopyrazole Incorporated Photoresponsive Ligands: Synthesis, Photochemistry, and Applications in Photoswitchable Catalysis
P-77	Debashish Paul	Fishing out Hyaluronan, a Colon Cancer Biomarker from Extracellular Vesicles
P-78	Deepak	Room Temperature Organic Ferroelectrics / A Synergy between Hydrogen Bonding and Charge Transfer Interaction

P-79	Deepika Sardana	Molecular Picture of Effect of Cosolvent Crowding on Ligand Binding and Dispersed Solvation Dynamics in G-Quadruplex DNA
P-80	Deepika Tanwar	In vitro anticancer activities on human pancreatic cancer MIA-PaCa-2 cell using novel Ni(II) complexes bearing ONS donor ligands
P-81	Devashish Mehta	Design and Engineering of Dimeric Cholic Acid-Peptide (CAP) Conjugates to Target Vancomycin Resistant Bacteria.
P-82	Devesh Singh	Trinuclear cis-[MoVIO ₂] complexes catalyzed efficient synthesis of 3,4-dihydropyrimidin-2(1H)-one based biomolecules via one-pot-three-components Biginelli reaction under solvent-free condition
P-83	Dharmendra Kumar Yadav	Systematic structural modification in electrophilic molecules possessing 1,3-Allylic-type strain for anticancer applications
P-84	Dimpal Tomar	Studies on Morphology and Magnetic properties of Cu ²⁺ substituted CoFe ₂ O ₄ Nanoparticles Synthesized via Glycolate Approach
P-85	Dona Mariya Vincent	Biomimetic Total Synthesis of Nocardioazine B and its Analogues as Non-Toxic Anticancer Leads
P-86	Dr. Manisha Devi	Distinct interfacial ordering of liquid crystals observed by protein–lipid interactions that enabled the label-free sensing of cytoplasmic protein at the liquid crystal-aqueous interface
P-87	Dr. Riya Sailani	Oxidation of Sulfanilic Acid by Hexachloroiridate (IV) in Acid Medium- A Kinetic and Mechanistic Pathway
P-88	Ekta Shandilya	Self-regulated micropatterning of Synergistically Interactive Enzyme and Nanoparticle-bound Nucleotides
P-89	Eti Chetan Kumar	AITF (4-Acetamidophenyl triflimide) mediated racemization free synthesis of amides & peptides
P-90	Gadiyaram Srushti	Multianalytes sensing of amphiphilic bis(benzimidazolyl)pyridine Derivative Incorporated in Liposomes and their application in β -glucosidase enzyme assay
P-91	Gajanan K. Rathod	Palladium-Catalyzed Aminocarbonylation of (Hetero)aryl Iodides with α -Amino Acid Esters as Nucleophiles
P-92	Gaurav Kumar	Entropically favored Au ³⁺ -L-methionine induced dynamic transition of nanospheres to thermodynamically stable superhelix in aqueous media
P-93	Gaurav Kumar Bhati	Delineating the molecular mechanism of Age-related Hearing Loss (ARHL)
P-94	Gautam Kumar	Boron-Catalyzed Hydroarylation of 1,3-Dienes with Arylamines
P-95	Ghanshyam Mali	Green Multicomponent Approach to Synthesize Biologically Active Organic Scaffolds
P-96	Gitanjali Mishra	Synthesis of dibenzobicyclo[3.2.1]octadienones, spiro[4.4]nonanes from 2-keto-1,3-indandiones
P-97	Gokulnath S	Recycled Zinc Manganese oxides as cathode material for aqueous rechargeable zinc ion batteries

P-98	Gulshan Singh	Highly efficient metal/solvent-free chemical fixation of CO ₂ at atmospheric pressure conditions using functionalized porous covalent organic frameworks
P-99	Gurpreet Kaur	Functionalized Triphyrin(2.1.1)s and their Coordination Chemistry
P-100	Gurpreet Kaur	Entropically Favoured ‘Through Space Charge Transfer’ Assemblies: Visible light promoted Photosensitizer for Regulated Oxidation of Alcohols and Aldehydes
P-101	Gurunath Sahu	Dithiocarbazate based oxidomethoxidovanadium(V) and mixed-ligand oxidovanadium(IV) complexes: Study of solution behavior, DNA binding, and anticancer activity
P-102	Habiba Sultana	Physicochemical studies on the interfacial and aggregation behavior of imidazolium -cholate and -deoxycholate in aqueous medium
P-103	Hari Krishna Mishra	Interfacial Nanostructuring of δ -PVDF Nanoparticles with Giant Piezoelectricity and Piezoelectric Ink
P-104	Hari Shankar	Significant Boost of the Stability and PLQY of CsPbBr ₃ NCs by Cu-BTC MOF
P-105	Harmandeep Kaur	Zinc Chloride Promoted Inimitable Dissolution and Degradation of Polyethylene in a Deep Eutectic Solvent Under White Light
P-106	Harsh Kumar	Screen-printed carbon nanofiber/gold nanoparticles/mercaptopropionic acid/polyethylenimine based immunosensor for detection of colistin in chicken liver
P-107	Hemant Kumar	Aminotroponatogallium Triflate Catalysed Cyanosilylation of Aldehydes and Ketones
P-108	Hemlata Mourya	Stitching Triazoles to Arenes via Transition Metal-Free Aryne Diels-Alder/Bond Migration/Dehydrobromination Cascade
P-109	Himanshi Bhambri	Conformational Isomerism Involving Carboxylate Groups of a Linker in Metal Organic Frameworks and Its Distinctive Influence on the Detection of Ketones
P-110	Himanshu Kumar	Triazine-based photoswitchable C ₃ symmetric azobenzenes and their photoresponsive behaviour
P-111	Ipsita Pani	Differentiating Conformationally Distinct Alzheimer’s A β Oligomers Using Liquid Crystals
P-112	Ishfaq Shafi Koul	Exploiting the Lewis Acidity of Diverse ZnO Nanostructures for the C-C and C-N Bond Forming Reactions
P-113	Jabir Khan	Lambert Salt-Initiated Development of Friedel–Crafts Reaction on Isatin to Access Distinct Derivatives of Oxindoles
P-114	Jaibir Singh	Solvent dependence on cooperative vibrational strong coupling and cavity catalysis
P-115	Jaspreet Kaur	Solubilization Studies of Hydrophobic Drugs in Pluronics and Pluronic-Labrasol Mixed micelles
P-116	Jeetendra Panda	Experimental and Computational Study of Umpolung N-Bromoamines: Organocatalytic Bromination of Olefins
P-117	Jigyansa Sahoo	A Bee-Line Approach to Access Organocatalysts: Chemoselective & Time Driven O-functionalization of Prolinol

P-118	Jisha K.J.	Spectroscopic Investigation of Hemoglobin Interacting with DBU Based Novel Protic IL Media
P-119	Jyoti	Production of Xylitol from Spent Aromatic Biomass Derived D-Xylose as Renewable feedstock
P-120	Kajal Rana	Unlocking the Chemistry of Bile Acids to Engineer Hydrogels for Sustained Drug Delivery
P-121	Kalyani Ajayan	Mining the medicinal plant, <i>Trichopus zeylanicus</i> (Arogyapacha), using genome and high-resolution metabolome characterizations
P-122	Kamal Verma	Aminal link Covalent organic framework as a heterogenous catalyst.
P-123	Kandregula Ganapathi Rao	An asymmetric supercapacitor with prussian blue-coated carbon composite Electrodes
P-124	Kanika Guleria	A Computational Study of Mechanisms and Kinetics of Reaction of 4-Hydroxy-2-Pentanone (4H2P) with OH radicals
P-125	Kasturi Sahu	Investigation of the Nature of Intermolecular Interactions in Tetra(thiocyanato)corrolato-Ag(III) Complexes: Agostic or Hydrogen bonded?
P-126	Kavita Rani	Artificial Light-Harvesting FRET Antennae based on Perylenediimide and Aza-BODIPY: From acyclic triads to macrocycles
P-127	Kousar Jahan	Ruthenium (II) Catalyzed Regioselective C-2'-Alkenylation of 2-Phenylimidazo[1,2-a]pyridine-3-carbaldehydes
P-128	Koushik Patra	Regioselective Diversification of Activated Pyridines: A Cogent Strategy towards gem-Difluorinated (-CF ₂ -) N-Heterocycles
P-129	Krishna Mhaske	Copper-Catalyzed Aerobic Cross-Dehydrogenative Coupling of β -Oxime Ether Furan with Indole
P-130	Kulbir	Oxygen Atom Transfer Promoted Nitrate to Nitric Oxide Transformation: A Step-wise Reduction of Nitrate \rightarrow Nitrite \rightarrow Nitric Oxide
P-131	Kuldeep Singh	Deep Eutectic Solvents based Biorefining of Value-added Chemicals from the Diatom <i>Thalassiosira andamanica</i> at Room Temperature
P-132	Kulwinder Kaur	“On-On” Approach for detection of Creatinine in Human Blood Serum using AIEE Active Supramolecular Metallic Ensemble
P-133	Kumkum Gangwar	Synthesis of Zn _x Co _{1-x} Fe ₂ O ₄ nanoparticles via thermal decomposition method and their application as photocatalyst
P-134	Kundan Singh Mehra	Bridging the Bays, Both Ways: A Janus Butterfly-shaped Intense NIR-Emitting Terrylene Diimide
P-135	Kuntala Banerjee	Tuned assembly of asarylaldehyde treated type-I collagen: Potential application for next generation tissue engineering
P-136	Kuppan Magesh	Dual Responsive Fluorescent Probe for Detection of Cyanide and Hydrogen Sulfide: Real Time Application in Strip Test, Live Cells, and Identification of Food Spoilage
P-137	Labhini Singla	Structural and computational analysis of organic fluorine mediated interactions in controlling the crystal packing of

		tetrafluorinated secondary amides in the presence of weak C–H...O=C hydrogen bonds
P-138	Lalitha R.	A Coumarin based fluorescent probe for hydrazine detection
P-139	Leena Sushmita Barla	Understanding the Effect of Monovalent Metal Salts on the Gelation Behaviour of Sodium Deoxycholate
P-140	Lona Dutta	Phosphine triggered synthesis of 3-Hydroxyquinolone under neutral condition
P-141	Maitreyee Mitra	Studies on Aggregation Behaviour of Cetyltrimethylammonium bromide by Varying Polarity of Water-Dioxane Mixed Solvent System
P-142	Mamta Bhandari	Electronically Unsaturated Aluminum hydride Cation for Catalytic Hydroboration of Imines and Alkynes and Mechanistic Insights Thereof
P-143	Manaranjan Sahu	Room temperature phosphorescence and long-lived fluorescence in a supramolecular hydrogel matrix
P-144	Manaswini Ray	A Prismatic Nano cage for encapsulation and stabilization of radical initiators
P-145	Mandeep Kaur	Complexes from Earth-Abundant Elements Magnesium and Aluminium as Catalysts for Selective Hydroboration of Amides and Alkynes
P-146	Manisha Bungla	Green Bismuth based upconversion nanomaterial for bioimaging of cells
P-147	Manju Devi	Organocatalysed asymmetric synthesis of barbituric acid substituted axially chiral styrene via <i>in situ</i> generated VQM from 2- (phenyl acetylene) naphthol
P-148	Manpreet Singh	‘Lighted’ Assemblies of a PBI Derivative: Activation of Aerial Oxygen <i>via</i> Combined Charge and Energy Transfer Processes for Photocatalytic Oxidative Hydroxylation of Boronic Acids
P-149	Manu Adhikari	Transfer hydrogenation of carbonyls and imines with iPrOH catalyzed by Ir(BICAAC)Cl(COD)
P-150	Manu Goyal	A modular approach to synthesized Inorganic Macrocycles based on Main Group Elements
P-151	Maqsuma Banoo	A ‘self-activating’ Bi ₃ TaO ₇ -Bi ₄ TaO ₈ Br photocatalyst and its use in the sustainable production of pro-fluorophoric Rhodamine-110
P-152	Md Intekhab Alam	Acceptor Interlocked Molecular Design for Solution-Processed Stable Deep-Blue TADF and Hyper Fluorescence Organic LED Enabling High-efficiency
P-153	Megha	Julolidine based red emitting ESIPT/AIE active material showing luminescence beyond excimer emission: A sensitive fluorescent detection of Cu ²⁺
P-154	Minakshi Devi	Studies in the development of π -conjugated fluorescent materials for detection of small organic molecules.
P-155	Mithilesh Nagpure	Exploration of unique reactivity of α -keto sulfoxonium ylide for the synthesis of heterocyclic-fused furan and dihydro-furan

P-156	Mohammad Tasleem	Synthesis and Characterization of Porphyrin-MWCNT Nanoconjugate and its Utilization as Antimicrobial Agent against <i>S. aureus</i>
P-157	Nancy Sharma	A ruthenium nitrosyl-functionalized nanoscale vesicles for NO release: Control of NO release by membrane fluidity and Anti-bacterial assay
P-158	Narendra Pratap Tripathi	Design of Molecular Triads by Bandgap Engineering based on Donor-Acceptor small molecules for Optoelectronic Applications
P-159	Nasrin Kabeer	All MXene Heterointerface for Efficient Energy Storage Device with Super Long Life
P-160	Naveen	Rapid Access to Arylated and Allylated Cyclopropanes <i>via</i> Brønsted Acid-Catalyzed Dehydrative Coupling of Cyclopropylcarbinols
P-161	Naveen Kumar	Biomimetic Oxidative Bromination by <i>cis</i> -Dioxidotungsten(VI) Complexes of salan type N,N'-Capped Linear Tetradentate Amino Bisphenol
P-162	Neha Meena	Mechanochemical Zinc-Mediated Hydroxyalkylation of Imidazo[1,2- <i>a</i>]pyridines under Ball Milling Conditions
P-163	Nilanjan Seal	Chemo-robust and bi-functional MOF with divergent open Co(II)-nodes for cooperative deacetalization-Knoevenagel condensation and mild-condition tandem CO ₂ fixation
P-164	Nilay Kumar Pal	Ni(II)-Catalyzed Oxidative Deamination of Primary Amines by Water
P-165	Nisha Kamboj	Designing a Redox Noninnocent Phenalenyl-Based Copper(II) Complex: An Autotandem Catalyst for the Selective Oxidation of Polycyclic Aromatic Hydrocarbons (PAHs)
P-166	Nithin Kumara M R	Halogen and Chalcogen Side Chains in <i>N</i> -aryl Glycine Peptoid Foldamers For Facilitating Noncovalent interactions
P-167	Nivedita Rana	Macrocyclic Distortion due to Core Protonation and Peripheral Substitutions
P-168	Noohul Alam	Self-Templated Conversion of A Self-healing Metallogel into Active Photocatalyst: Nd/MF@Carbon Quasiaerogels Boosting Photocatalytic CO ₂ Reduction by Water
P-169	Pankaj Gupta	A Novel Synthetic Strategy to Heterobiaryl Sultams and Subsequent N-S Bond Cleavage to Access Biaryl Sulfonamides
P-170	Pankaj Kumar	Hydrogen Evolution Reaction catalysed by μ -Oxo Iron Complex
P-171	Pankaj Kumar Chaturvedi	A paper-based rapid and selective detection of fluoride ions: development of Tb-based photoluminescent pro-sensitizers
P-172	Pankaj Rana	A facile synthetic approach for hierarchical NiO nanoparticles from surfactant intercalated layered Ni(OH) ₂ and their use as adsorbent
P-173	Pappu Naskar	A low cost aqueous sodium ion hybrid capacitor with Na ₂ NiFe(CN) ₆ positive and functionalized carbon negative electrodes

P-174	Parasar Kumar	1,3,5-Tris[(2H-tetrazol-5-yl)methyl]isocyanurate and its Tricationic Salts as Thermostable and Insensitive Energetic Materials
P-175	Paresh Kumar Behera	Highly Stable Deep Red-to-NIR OLEDs with an External-Quantum Efficiency of 4.9% from Room Temperature Nanostructured Columnar Fluids based on Hetero Atom Bay-Annulated Perylene Bisimides
P-176	Parth	Ivermectin Hybrids for Multistage <i>Plasmodium</i> Targeting: Synthesis and Antiplasmodial Activity
P-177	Partha Pratim Mondal	Pendent N-functionality mediated bimodal attribute in a microporous framework: Nanomolar detection of organo-toxins and size-selective H-bond donating catalysis
P-178	Parvez Alam	Effect of Molecular Crowding on Ligand Binding Kinetics in G-Quadruplex DNA Probed with Fluorescence Correlation Spectroscopy
P-179	Pinki Sihag	Ir(III)-orRh(III)-Catalyzed Allylic Amination of Alkenes via C-H Activation
P-180	Pooja Negi	Organic solvent free extraction of dye from <i>Butea Monosperma</i> (Lam.) Kuntze and its complete characterization using spectroscopic methods
P-181	Pooja Sharma	Designing bioinspired supramolecular peptide hydrogels for controlling cellular behaviour
P-182	Pooja Sharma	Development of Functionalized Supramolecular Assemblies of Pie-Conjugated Materials: Applications in Self-assembly, Sensing and Bioimaging
P-183	Poonam Sharma	Polystyrene stabilised Pd-catalyst development for carbonylative transformations using oxalic acid as CO source
P-184	Poonam Yadav	Design and Synthesis of Phospholipid- and PEGylated-Drug Conjugates for Engineering of Chimeric Nanomicelles to Target the Cancer Cells.
P-185	Prabhakar Bhardwaj	Acid Induced Nitrite Reduction On Copper centre
P-186	Pradeep Singh Thakur	Development of Porphyrin-based Nanophotosensitizers for Photodynamic Inactivation of Bacterial Biofilm
P-187	Prasanna Sekar	Aqueous Supercap: Coin cell to pouch cell – with minimum facility
P-188	Prashant Kumar	Pd-Catalyzed Formal [3+3] Heteroannulation of Allylic gem-Diacetates: Synthesis of Chromene-Based Natural Products and Photophysical Studies.
P-189	Prasoon Raj Singh	Facile Synthesis of Propargylic Cyclic Imines and Thio-/Selenopyrrolines : Chemoselectivity and Applications
P-190	Pratiksha Joshi	Fruit Waste Derived Composite Aerogels as Greener and Efficient Adsorbents for Adsorptive Removal of Organic Pollutants
P-191	Pravesh Kumar	Synthesis and Studies of Tripodal Arylazoisoxazole Based Photoswitchable Systems
P-192	Pravin Jaikrishna Wanjari	Quantum Chemical Study in Exploring the Role of Donor®Acceptor Interactions in 1,3-bis carbene stabilized Guanidinium Cations

P-193	Preeti	Coupled Substituted Perovskite Niobates for Photocatalytic Hydrogen Evolution
P-194	Pritam Saha	Loss of cross-correlations in β -strands adverse the force adaptation in β -rich proteins
P-195	Priya. V	Tunable redox-active pyrylium platforms: A new class of anolyte for non-aqueous organic redox flow battery
P-196	Priyank Kumar Sharma	Unveiling A Quinoidal 2,3:10,11-Dibenzoheptazethrene
P-197	Priyanka	Enzyme Driven Spatiotemporal Modulation of Self-assembled Structures
P-198	Priyanka V. P	Effect of Mono- or Di-cationic Ionic Liquids on Aggregation Behaviour of Bile Salt and its Application in Drug Solubilization
P-199	Pushkar Mehara	Polystyrene stabilised Pd-catalyst development for carbonylative transformations using oxalic acid as CO source
P-200	Pushkar Pratap Tiwari	Extraction of Natural Product from plant source from cassia Glauca
P-201	Pushpesh Ranjan	Ionic Liquid Functionalized Zirconia-Reduced Graphene Oxide based Impedimetric Biosensor for Detection of Breast Cancer Biomarker
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