Poster Presentations @ 30th CRSI-NSC

Poster Presentations-I (Feb. 03, 2023, Friday): Poster Nos. P001-P130

Poster Presentations-II (Feb. 04, 2023, Saturday): Poster Nos. P130-P262

Poster No.	Name	Affiliation	Title of the Poster
P-1	**Aashish**	Department of Chemistry, University of Delhi, Delhi, India	Cross-Coupling and Oxidation Reactions Mediated by the Visible Light
P-2	**Aastha Palta**	School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala	ICT efficient "turn-on" fluorescent probe for selective Al^{3+} and HSO_4^- ions: Real-time application in water samples and molecular keypad lock
P-3	**Abhijeet Singh**	Indian Institute Technology Delhi, Hauz Khas, New Delhi, Delhi	Regioselective Direct C-H Phosphorylation of Benzofulvenes
P-4	**Aishwarya Chauhan**	Indian Institute of Technology Delhi, India	Synthesis and structural features of Alkaline earth metal phosphite-/phosphonate- complexes.
P-5	**Ajay Gupta**	School of Physical Sciences, JNU, New Delhi	Mitochondria Targeted Heterobimetallic Iridium(III)-Platinum (IV) Conjugate as Potent Anticancer Theranostic Agent
P-6	**Ajijur Rahaman**	CSIR - Central Salt and Marine Chemicals Research Institute, Bhavnagar and AcSIR, Ghaziabad	Catalytic Methylene Insertion between Amines and Terminal Alkynes via C–N Bond Cleavage of N, N-Dimethylacetamide: A Unique Access to Propargylic Amines
P-7	**Akankasha Yadav**	Centre of Advanced Study, Department of Chemistry, University of Rajasthan, Jaipur, India	Study of Structural Profiles of Multi-target Binding of Cytotoxic Alkaloid Vinblastine
P-8	**Akanksha Singh Baghel**	Department of Chemistry, Indian Institute of Technology Patna, India	One-pot Multiple C-C bond Formation via Pd(II)-Catalyzed reaction: En route Synthesis of

			Succinimide-fused Dihydrophenanthrenes
P-9	**Akhil Patter**	Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee 247667, India	Polymer supported dioxidovanadium(V) complex based heterogeneous catalyst for the multicomponent Biginelli reaction producing biologically active 3,4-dihydropyrimidin-2-(1H)-ones.
P-10	**Alka Ambali**	Department of Chemistry, Indian Institute of Technology Bombay, Mumbai, India.	Regioselective synthesis of meso-tetraaryl Bromo [14]Triphyrins (2.1.1) and Their Effects on Structural, Spectral and Redox Properties
P-11	**Amar Diliprao Uike**	Department of Chemistry, Indian Institute of Technology, Kanpur	Ruthenium-Catalyzed Oxidative Cross-Coupling Reaction of Activated Olefins with Vinyl Boronates for the Synthesis of (E, E)-1,3-Dienes
P-12	**Amarish Kumar**	Department of chemistry, Indian Institute of Technology, Kanpur-208016	Nickel (II) borohydride catalyst for Hydrodehalogenation reactions for Chlorinated pollutant
P-13	**Amita Saini**	Department of Chemistry, Punjab Agricultural University, Ludhiana, Punjab-141004	Structural elaboration of Xanthine and its evaluation as potent agrochemicals
P-14	**Anjali Giri**	School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Thapar Technology Campus, Patiala, Punjab, India	Understanding Structural Changes During Salt-induced Ovalbumin Amyloid Aggregation
P-15	**Anjali Tripathi**	School of Physical Sciences, Jawaharlal Nehru University, New Delhi-110067, India	Sustainable Oxidation of Sulfides with Peroxide Catalysed by Efficient & Reusable Transition Metal Based Preyssler System
P-16	**Ansalin Gnana Sowndarya A**	Centre for Human and Organizational Resources Development (CHORD), CSIR-Central Leather Research Institute, Chennai,	Study of Inorganic flame retardants for leather applications.

		India. AcSIR, Ghaziabad, India.	
P-17	**Antra**	Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi	Radiosensitizing role of Pixantrone in KRAS mutated cancer cells via suppression of radiation induced pro-survival pathways
P-18	**Anubha Rajput**	Indian Institute of Technology Delhi, Delhi	Intrinsic Lability of $NiMoO_4$ to Excel the Oxygen Evolution Reaction
P-19	**Aparna Tyagi**	Department of Chemistry, Indian Institute of Technology Delhi	Catalyst Switchable Divergent Synthesis of Bis(indolyl)alkanes and 3-Alkylated Indoles from Styrene Oxides
P-20	**Apoorva Malik**	Department of Chemistry, Indian Institute of Technology Jodhpur, Jodhpur, India.	Experimental and Computational Studies on Cinchona Anchored Calixarene Catalysed Asymmetric Michael Addition Reaction
P-21	**Archana**	Jawaharlal Nehru University, New Delhi; National Institute of Immunology, New Delhi, India	Fabrication of Molecularly Imprinted Polymer based Electrochemical Sensor for Gut Microbiota Derived Metabolites Detection
P-22	**Archana Kumari Pattnaik**	Indian Institute of Technology Bhubaneswar	Study of Organophosphorous Acid Coordinated Assemblies with Ethylene and Azo Bridging Ligands
P-23	**Arijit De**	Centre of Biomedical Research, SGPGIMS, Lucknow, 226014, India.	One-Pot Multi-Enzymatic Cascade Synthesis of Natural Naphthalenones via Reduction of Unactivated Alkenone
P-24	**Arsheed Ahmad Bhat**	Department of Chemistry, Indian Institute of Technology Kanpur	Cp*Co(III)-Catalyzed Ketone-Directed ortho-C−H Activation for the Synthesis of Indene Derivatives
P-25	**Arvind Singh**	Indian institute of technology Delhi 110016, India	Understanding Mixed Crowding Through Enzyme Activity and Dynamics

P-26	**Aryan Gautam**	School of Physical Sciences, JNU, and Department of Physics, IIT-Delhi	Visible and NIR-Light Photoactivatable o-Hydroxycinnamate System for Efficient Drug Release with Fluorescence Monitoring
P-27	**Atikur Hassan**	Department of Chemistry, IIT-Patna; Department of Chemistry, IISER-Pune	Ordered Macro/Microporous Ionic Organic Framework for Efficient Separation of Toxic Pollutants from Water
P-28	**Atul Kumar**	Department of Chemistry, IIT-Bombay, Powai, Mumbai 400 076	Total Synthesis of (+)-Dihydroitomanallene B and Formal Synthesis of (-)-Kumausallene
P-29	**Awadhesh Kumar Verma**	Special Centre for Nanoscience, Jawaharlal Nehru University, New Delhi - 110067, India.	Polymer functionalized zinc oxide quantum dots as a selective probe for specific detection of antibiotics
P-30	**Ayushi Chaudhary**	Department of Chemistry, Indian Institute of Technology Kanpur, 208016, Uttar Pradesh	Ligands Inspired by HDAC Inhibitors: Source for Anticancer and Antimicrobial Agents
P-31	**Ayushi Kaushik**	Department of Chemistry, Indian Institute of Science Education and Research, Bhopal	A bisperylenediimide-conjugated macrocycle: Supramolecular, conformational, photophysical and electrochemical studies
P-32	**Bhanu Priya**	Discipline of Biological Engineering, IIT Gandhinagar; and Discipline of Chemistry, Indian IIT Gandhinagar, Gujarat, India.	Exploring SPK98 for selective killing of ATM- or P53-deficient cancer cell
P-33	**Bharath Govind G S**	Amity Institute of Applied Sciences, Amity University, U.P.	Imidazolium and Pyridinium Functionalized Polyethylene Membrane through Microwave Assisted Grafting as Alkaline Anion Exchanger
P-34	**Bharath M**	Department of Chemistry, Ashoka University, Sonipat, Haryana-131029, India	Bis-Chelated Mono-Centric Hexa Coordinated Fe(III) Complex Showing Ligand Centered Hydrogen Evolution Reaction

P-35	**Bharti yadav**	Department of Chemistry, Indian Institute of Technology, Powai, Mumbai 400076, India	Synthesis and Studies of PAHs Based Expanded Porphyrinoids
P-36	**Bhawna joshi**	Department of Applied Sciences, National Institute of Technology Delhi, New Delhi- 110036	Metal-Functionalized Ordered Mesoporous Silicas (OMs) and Their Catalytic Applications in the Aminolyis, Suzuki–Miyaura and Heck Coupling Reaction
P-37	**Bhuvnesh Singh**	Indian Institute of Technology, New Delhi	A Chiral Silver Phosphate Catalyzed Asymmetric Synthesis of Tetrasubstituted β-Amino Indenones
P-38	**Bisma Rasool**	Natural Product Chemistry & Bioorganic Chemistry Division, IIIM, Jammu, 180001, INDIA	One pot Domino transformation of Glycals into pyrano cis fused heterocycles via Nickel Catalysis
P-39	**Chandani Mathur**	Chemistry Department, IIS, Jaipur	Imidazo[1,2-a]pyridines-Tetracyanoethylene Donor-Acceptor Complexes as Potential Organic Semiconductors
P-40	**Chandini Pradhan**	Organometallic Synthesis and Catalysis Group, Organic Chemistry Division, CSIR−National Chemical Laboratory (CSIR−NCL), Pune 411 008, Maharashtra, India	Iron-Catalysed Regioselective Addition of C─H Bond in Indoles to Alkenes via Weak Chelation Assistance
P-41	**Daksh Singh Davas**	IIT Delhi, Hauz Khas, 110016	Ru-Catalyzed Benzannulation of Vinyl Sulfoxonium Ylide with Electron-Deficient Alkynes and Alkenes
P-42	**Danish Ali**	Department of Chemistry, Indian Institute of Technology Patna, Bihta, Patna-801106, India	Hydrogen Peroxide-Mediated Rapid Room Temperature Metal Free C (sp^2)-H Thiocyanation of Amino Pyrazoles, Amino Uracils, and Enamines.
P-43	**Darshna Hirpara**	Applied Chemistry Department, The Maharaja	Solubilization of Curcumin and its Precursor (CurcumaLongin) Conventional and Deep Eutectic

		Sayajirao University of Baroda, Vadodara	Solvents with and without Ionic Surfactants
P-44	**Deep Chowdhury**	Department of Chemistry, IITBhilai, GEC Campus, Chhattisgarh, India.	A Metal-free Approach Towards Reductive Amination of Carbonyl Compounds
P-45	**Deepa Bhardwaj**	Department of Chemistry, IITD, Hauz Khas, New Delhi-110016, India	Functional Activities of UO_2(VI) Ion On Interaction with (O, N) and (O, N, S/Se) Based Acyclic and Cyclic Donor Bases
P-46	**Deepika Singla**	School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Thapar Technology Campus, Patiala, Punjab, INDIA	Salt-induced Inhibition and Disaggregation of Protein Amorphous Aggregates
P-47	**Deepika Thakur**	Department of Chemistry, University of Delhi, Delhi-110007, India	Unveiling the Three-component Phosphonylation on Alkynylaldehydes: Toolbox Towards Fluorescent Molecules
P-48	**Devesh Kumar Mishra**	Department of Applied Sciences, National Institute of Technology Delhi, New Delhi-110036	BODIPY immobilized MCM-41 based Solid Optical Sensors for Heavy Metal Ions Detection and Removal from Aqueous Medium
P-49	**Dhananjay Chaudhary**	CSIR-CDRI, Lucknow 226031	Palladium-catalyzed N-Protecting Group controlled Regiodivergent cascade cyclization/alkoxylation of Allenamides.
P-50	**Dharmendra Kumar**	Medicinal and Process Chemistry Division, CSIR-CDRI, Lucknow 226031, India. And Academy of Scientific and Innovative Research (AcSIR), Ghaziabad, 201002, India	Domino reaction of tryptamines and diazo compounds to access hexahydropyrroloindoline derivatives under Cu-catalysis
P-51	**Dipika Sharma**	Complex Systems Group, Department of Chemistry,	Enhanced photoelectrochemical response of reduced graphene

		University of Delhi, Delhi, India	oxide covered inexpensive TiO_2-$BiFeO_3$ composite photoanodes
P-52	**Dnyaneshwar Ambadas Gorve**	Department of Chemistry, IIT-Bombay, Powai, Mumbai 400 076, Maharashtra India.	Protecting-Group-Directed Stereodivergent Tsuji-Trost Cyclization: Total Synthesis of (+)-Petromyroxol
P-53	**Dolly Chandel**	Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur-208016	Modulation of Supramolecular Chirality by Stepwise Axial Coordination in a Nano Size Zn(II)porphyrin Trimer
P-54	**Dr Uttama Mukherjee**	Department of Chemistry and Centre for Energy Science, Indian Institute of Science Education and Research, Pune, Maharashtra, India	Quantum Chemical Investigation of Post Combustion CO_2 Capture Using N-Heterocyclic Systems
P-55	**Dr. Ekta Jakhar**	Indian Institute of Technology Delhi	Insight into the High Proton Conductivity of One-/Two-Dimensional Cadmium Phosphites
P-56	**Ekta Chauhan**	Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore	Chalcogen Bond-mediated Cellular Uptake of Fluorescent Compounds
P-57	**Fatimah Ali Hussein**	Department of Chemistry, University of Delhi, Delhi 110007 India	Schiff Base Ligand Based Complexes as Electro Catalysts for Proton Reduction
P-58	**Gargi Dey**	Department of Sciences & Humanities, Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, Uttar Pradesh, 229304, India	Heterogenization of non-precious homogeneous catalysts within MOF pores for borrowing hydrogen catalysis
P-59	**Ghanshyam Mali**	Indian Institute of Technology Jodhpur	Development of Green Multicomponent Approach to Synthesize Biologically Active 2,3-Dihydrofurans and 2,3-Dihydrofuro[3,2-c] Coumarins
P-60	**Gokul S Londhe**	Department of Chemistry, Indian Institute of Science	Fe-catalyzed Sequential Oxidative Cleavage and Nucleophilic Addition of Peroxyoxindole

		Education and Research, Pune, India	Towards the Spiro[indoline-3,4'-pyran]-2-ones, 2-(2-oxoindolin-3-ylidene) Malononitriles and Spiro [dibenzo[c,h]xanthene-7,3'-indolin]-2'-ones.
P-61	**Gouranga Naskar**	Department of Chemistry, Indian Institute of Technology Madras, Chennai-600036, Tamil Nadu	Ligand-Enabled Pd (II)-catalyzed [3+2] Annulation via C(sp^3)-H and C(sp^2)-H Bond Activation
P-62	**Gulenur Nesha Khatun**	Department of Chemistry, Indian Institute of Technology Bombay, Mumbai, India	New Directions in Diene Functionalization: Oxidative Cleavage and Hydroalkoxylation
P-63	**Gulista Bano**	Indian Institute of Science (IISc)	Boron Based Dual emissive Single Fluorescent Probe for Differentiating Autophagy and Apoptotic Cells/Tissue
P-64	**Harendra Sheshma**	School of Physical Sciences, Jawaharlal Nehru University	Graphitic Carbon Nitride as Responsive Photocatalyst for Expeditious C-H activation /Oxidative Dearomatization in Organic Synthesis
P-65	**Harish Kumar Harit**	Indian Institute of Technology, New Delhi	Synthesis of 2-Quinolinone Derived -Quinone Methide via Ring Expansion of Isatins using 1,2-Phospha-Brook Rearrangement
P-66	**Haritha D.**	Discipline of Chemistry, Indian Institute of Technology Gandhinagar, Gujarat.	Evaluating the in vitro potential of novel benzimidazole derivatives as Helicobacter pylori IMPDH inhibitors
P-67	**Harpal**	Department of Chemistry, Indian Institute of Science Education and Research, Bhopal	Transition from innocent to non-innocent character by changing the meso- substitution on corrole
P-68	**Hemant Kumar**	Indian Institute of Technology Delhi	Germyliumylidene catalyzed hydrosilylation of aldehydes and ketones

P-69	**Hungharla Hungyo**	Special Centre for Molecular Medicine, JNU, New Delhi	Prochlorperazine targeting mutant KRAS and its response in non-small cell lung carcinoma
P-70	**Ibrahim Annan**	Department of Chemistry, University of Delhi, Delhi-110007, India	Detection of Assorted Analytes by Coumarin-Based Chemosensors
P-71	**Ida Angel Priya S**	Chemistry Division, Vellore Institute of Technology Chennai campus, Vandalur, Tamil Nadu	Greener and Efficient Transamidation Protocol for Weakly Nucleophilic Aromatic Amines with N-Acyl-2-Piperidinones
P-72	**Ishaniya W**	Department of Chemistry, SRM Institute of Science and Technology, Tamil Nadu	Nano-encapsulation of melatonin into polydiacetylene-phospholipid assembly for sustained-release and enhanced bone formation in zebrafish
P-73	**Jaipriya Khatri**	Department of Chemistry/School of Natural Sciences/Shiv Nadar Institute of Eminence	C-H Bond Chlorination by Ni(II)-Biguanide Complexes
P-74	**Jaspreet Kaur**	School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Thapar Technology Campus, Patiala-147004, Punjab, INDIA	Insights into calcium-induced aggregation of milk proteins using spectroscopic tools
P-75	**Jayendra Kumar Himanshu**	[a]Special Centre for Nanoscience, JNU, New Delhi; [b]Department of Biotechnology, Mahatma Gandhi Central University, Motihari, Bihar	Carbon Quantum Dots embedded Screen-Printing Electrodes electrochemical Aptasensor development for Chlorpyrifos detection
P-76	**Juhi**	Department of Chemistry, [2]Department of Biological Sciences and Bioengineering,	Cytotoxic Photoactive Ruthenium (II) Polypyridyl Oxalate Complexes: Synthesis, Characterization, Biological

		IIT-Kanpur, Kanpur-208016, India	Interaction, and their Anticancer Activity against HepG2 Cells
P-77	**Juhi Pal**	Department of Chemistry, Indian Institute of Technology Bombay, Mumbai, India	Stereoselective Synthesis of Isoxazolidine via Alkyne–Oximium Cyclization
P-78	**Junaid Shafi Banday**	Natural Products and Medicinal Chemistry Division, CSIR-IIIM Jammu	Iodine Catalysed Tandem Stereoselective Acetalation-Glycosylation of Reducing Sugars Using Acetals/Ketals: Application in the Synthesis of EIDD Molecules
P-79	**Kajal Chaudhary**	Department of Chemistry, Indian Institute of Technology Kanpur	Derivatives of NNO based pincer type ligands as an Inorganic Antibiotics
P-80	**Kanika Devi**	School Of Physical Sciences/Jawaharlal Nehru University, New Delhi-110067	Design and Synthesis of a Library of Short Peptide Sequences and In-silico Screening Against pf-DHFR for Antimalarial Chemotherapy
P-81	**Kapil Mohan Saini**	Department of Chemistry, Kalindi College, University of Delhi-110008	Unconventional Ag-Catalyzed Cycloaromatiza- tion and Au-Catalyzed Double C–H Activation: Synthesis of Polyaromatic Biaryls
P-82	**Kavita Choudhary**	Department of Chemistry, Indian Institute of Technology, Kanpur, India	Kinetic Resolution of Electron Deficient Bromohydrins via Cu (II) Catalysed C-C Bond Cleavage
P-83	**Kavita Singh**	Glyco-chemistry Laboratory, School of Physical Sciences, Jawaharlal Nehru University, New Delhi	Organo-catalyzed synthesis of α, β-unsaturated carbohydrate enals (Perlin's aldehyde)
P-84	**Kirandeep Bhagat**	Department of Chemistry, IIT Delhi; Department of Materials Science & Engin., IIT Delhi	Microemulsion route-based synthesis of lanthanum oxides-based nanomaterials and to study their magnetic and photoelectrochemical properties
P-85	**Krishanu Bera**	Department of Chemistry, Indian Institute of	Manganese Catalyst for α Alkylation of Nitriles with Alcohols

		Technology Bhilai, Raipur 492015 Chhattisgarh, India	
P-86	**Krishanu Mondal**	Department of Chemistry and Chemical Biology, Indian Institute of Technology (Indian School of Mines)Dhanbad	Exploiting the Versatility of 7-Azaindole for Mechanistic Study of Chan-Lam Type Coupling
P-87	**Krishna Biswas**	Department of Chemistry, IIT-Kharagpur, Kharagpur - 721302, West Bengal	Organophosphorus Catalyzed Stereoselective Borylative Ring-Opening of Vinylcyclopropanes: A Route of -Valerolactones
P-88	**Krishna Kumar M S**	Jawaharlal Nehru University, New Delhi.	Electrochemically synthesized highly stable double zwitterionic Naphthalenediimide from ultra-electron deficient molecule
P-89	**Kundan Singh Mehra**	Indian Institute of Science Education and Research Bhopal	Deep LUMO based Terrylene Diimide with NIR emission
P-90	**Kusaji Raul**	Indian Institute of Science Bengaluru, India	Photoinduced apoptosis by Mitochondria targeting Pyrene-mercaptobenzimidazole conjugate due to mitochondrial cardiolipin disruption
P-91	**Kush Kaushik**	School of Chemical Sciences, IIT Mandi	Controlling the fluorescence intermittency of water-soluble BSA-conjugated Quantum Dots with Super resolution of Lysosomes
P-92	**Lalit Mohan Kabadwal**	Indian Institute of technology Roorkee, Roorkee, 247667	Iron-catalysed alkylation of 2-methyl and 4-methyl azaarenes with alcohols via C-H bond activation
P-93	**Lalropuia**	Department of Industrial Chemistry, School of Physical Sciences, Mizoram University, Mizoram	Drug design, Green Synthesis, Hirshfeld Analysis and anticancer activity of dihydropyriminidone analogs
P-94	**Laxmi**	SPS biophysical lab JNU, Munirika, New Delhi, Delhi 110067	Thermodynamic Studies of interaction between basic ligands and DNA

P-95	**Mahanthi Sankarrao**	Department of Chemistry, Indian Institute of Technology Madras, Chennai – 600036, India	UV-Light Promoted Oxidative Cleavage of 2,5-Diarylphenanthreno-[c]-thiophenes to 9,10-Diaroylphenanthrenes
P-96	**Manajit Mandal**	Department of Chemistry, Indian Institute of Technology Kanpur, Uttar Pradesh	Circular Polarised Light Directed study in Chirality Regulation of Amino Acid Capped Nickel Nanoparticles
P-97	**Manav Chauhan**	Department of Chemistry, Indian Institute of Technology, New Delhi, India	Metal-Organic Framework Encaged Monomeric Cobalt(III)-Hydroperoxides Enable Chemoselective Methane Oxidation to Methanol
P-98	**Manisha**	Natural Product laboratory, Department of Chemistry, University of Rajasthan, Jaipur (India)	Phytochemical profiling and GC-MS analysis of Nigella sativa (black cumin) seeds.
P-99	**Manisha Sisodia**	Department of Chemistry, IIS (Deemed to be University), Jaipur	tert-Butyl nitrite mediated azo coupling reactions of imidazole derivatives and sulphur containing amino compounds
P-100	**Mitrali Biswas**	Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai, 400076	Redox Induced Diverse Functionalization of Bis (aldiimine) Ligands on Electron Rich Ru-Platform
P-101	**Mohammad Yaqoob Bhat**	Natural Product and Medicinal Chemistry Division, CSIR-IIIM, Jammu; AcSIR, Ghaziabad, India	Sulfonyl Promoted Michaelis-Arbuzov Type Reaction: An Approach to S/Se-P bonds.
P-102	**Mohan Ilakiyalakshmi**	Department of Chemistry, Vellore Institute of Technology University, Vellore.	Furan Appended Benzothiazole Based Schiff Bases For a Highly Selective Visual and Fluorimetric Detection of Cu 2+ ion with Density Functional Theory Studies and its Application For Real-life Samples.

P-103	**Mohd Shakir**	Department of Biosciences, Jamia Millia Islamia, Jamia Nagar, New Delhi, 110025	Synthesis and mechanistic studies of Isatin-pyrazole hydrazones as bacterial MetAP Inhibitors
P-104	**Mohit**	Department of Chemistry, University of Delhi, Delhi-110007, India	Evolution of IBX based oxidation: Transformation of alcohols into corresponding aldehydes and Ketones
P-105	**Monika**	School of Physical Sciences, JNU, Delhi	Vanadium-based Mixed Metal Oxides for effective removal of Toxic Pollutants
P-106	**Monika**	Department of Chemistry/School of Natural Sciences/Shiv Nadar Institute of Eminence	Aromatic C-H Activation by Bioinspired Cu(II)- complexes
P-107	**Mostofa Ataur Rohman**	Spectroscopy Laboratory, School of Physical Sciences, JNU, New Delhi	Effect of Dehydrating Agent on the Kinetics of Ligand/G-quadruplex DNA Interaction
P-108	**MS. Lalita Kumari**	Department of chemistry, University of Rajasthan, Jaipur	Phytochemical study of Petroleum Ether Extract of Seeds of Psoralea Corylifolia by GC-MS
P-109	**Muskan**	Department of Chemistry, University of Delhi, Delhi-110007, India	Stereoselective Synthesis of Densely Functionalized Indenes via Regioselective Cascade Iodoalkylation of Alkyne
P-110	**Naved Akhtar**	Department of Chemistry, Indian Institute of Technology, New Delhi, India	Chiral iron(II)-catalysts within valinol-grafted metal-organic frameworks for enantioselective reduction of ketones
P-111	**Naveen**	Department of Chemistry, Indian Institute of Technology Delhi, New Delhi, 110016, India	Brookhart's Acid-Catalyzed Switchable Regioselective N-Alkylation of Arylamines/Heterocyclic Amines with Cyclopropylcarbinols by Temperature Regulation
P-112	**Naveen Kumar**	Indian Institute of Technology Roorkee	Mononuclear/Binuclear [VIVO]/[VVO2] Complexes Derived from 1,3-Diaminoguanidine and Their Catalytic Application for the

			Oxidation of Benzoin via Oxygen Atom Transfer
P-113	**Naveen Sihag**	Department of Chemistry, IIT Delhi, New Delhi, India	Photo-Induced Decarboxylative Radical Cascade for Synthesis of Quaternary-CF3 Containing Oxindoles and Indoline-Alkaloids
P-114	**Neelakshi**	Indian Institute of Technology Kanpur	Bolaamphiphilic Surfactants Derived From L-Lysine and L-Glutamic Acid
P-115	**Neerathilinga M N**	Department of Organic chemistry, University of Madras, Chennai, India	Substituent-controlled selective synthesis of 1,2-diketones and internal alkynes from terminal alkynes and arylboronic acids via α-stilbene radicals obtained from heteroleptic Cu(I) complexes under visible light
P-116	**Neha Dagar**	Indian Institute of Technology, Delhi	Diastereoselective Decarboxylative Alkylation of Coumarins via Dual Synergistic Role of Cerium in Ligand-to-Metal Charge Transfer and Lewis Acid Catalysis
P-117	**Neha Jha**	Department of Chemistry, Indian Institute of Science Education and Research Bhopal	Regiocontrol via electronics: Ru/Cu co-catalyzed site-selective alkylation of isoquinolones by C-C bond activation of cyclopropanols
P-118	**Neha Singh**	Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur-208016, India.	Giant electron transport properties of functionalized superparamagnetic nanoparticle
P-119	**Neha Yadav**	Complex System Group, Department of chemistry, University of Delhi, Delhi, 110007	Theoretical and Experimental Investigation of Influence of Solvents and Electrode Roughness on Potential of Zero Charge
P-120	**Nidhi Kumari**	Indian Institute of Technology Delhi	Anchoring of Phosphine on Metal-oxide Nanostructure for Heterogeneous Catalysis.
P-121	**Nitika Garg**	Department of Chemistry, Indian Institute of	Crystal facet-engineered NaNbO3/Ag2S stable inks for

		Technology Delhi, Hauz Khas, New Delhi-110016	visible light photoelectrochemical water splitting
P-122	**Nitin Kumar Tyagi**	Department of Chemistry, School of Natural Sciences, Shiv Nadar Institute of Eminence, Dadri	Surface Modulated Free-standing Copper Electrodes for Nitrate to Ammonia Synthesis
P-123	**Rajdeep Tyagi**	Glyco-chemistry Laboratory, School of Physical Sciences, Jawaharlal Nehru University New Delhi-110067	Efficient Synthesis of Triazole Bridged Indole-based Glycohybrids
P-124	**Nivedita Rana**	Indian Institute of Technology-Roorkee, Roorkee, Uttarakhand-247667, India	Power of Protons on Porphyrin Macrocycle
P-125	**Norein Sakander**	Natural Product and Medicinal Chemistry Division, IIIM, Jammu	Reactivity Switch for Selective Nucleoside Formation from 2-Acetoxy Methyl Glycals: Synthesis of C-2 Methylene and C-2-Functionalized Nucleoside Mimetics
P-126	**Om Prakash Joshi**	Department of Chemistry, School of Chemical Sciences and Pharmacy, Central University of Rajasthan	Synthesis of Benzofuran and Indole Scaffolds via One-Pot Domino Sonogashira Coupling/Cyclization using Abnormal NHC based Pd-PEPPSI Complexes
P-127	**Padma Sharma**	National Institute of Technology, Patna	Enhance antioxidant and cytotoxic activity of ferrocenyl- substituted curcumin via stabilization of promoter c-MYC silencer element
P-128	**Palani Purushothaman**	Department of Chemistry, School of Advanced Science, VIT University, Tamil Nadu, India	Ultrasensitive fluorogenic detection of Hydrargyrum in Industrial Effluent and Utilization of Conjugated Thiophene Carboxaldehyde in Forensic Fingerprint Imaging with DFT Calculation

P-129	**Pallabi Halder**	Department of Chemistry and Chemical Biology, Indian Institute of Technology, Dhanbad, India	Chloroform-COware Chemistry: An Emerging Tool for Palladium-Catalyzed Aminocarbonylation
P-130	**Pallavi Malhotra**	Department of Chemistry, University of Delhi, Delhi; School of Pharmacy, University of Mississippi, USA	An investigation of 4-aminoquinoline-quinazoline (AQ-QN) molecular hybrids as potent antimalarial agents
P-131	**Pankaj Kumar**	Ashoka University, Rajiv Gandhi Education City, Sonipat	Electrocatalytic Hydrogen Evolution Reaction by µ-Oxo Iron Complex bearing thiazolinium moiety as proton relay
P-132	**Papita Behera**	Department of Chemistry, Berhampur University	Oxygen-bridged $CuMoO_4$ catalyst for Csp^2-Se cross-coupling
P-133	**Partha Pratim Sen**	Indian Institute of Technology Delhi	When Organic Lewis Acid Turn out to be a Photooxidant to Build a New Avenue for Azolation of Unactivated Arenes
P-134	**Parvez Alam**	Spectroscopy Laboratory, School of Physical Sciences, Jawaharlal Nehru University, New Delhi	Molecular Crowders Modulate Ligand Binding Affinity to G-Quadruplex DNA by Decelerating Ligand Association
P-135	**Pooja Negi**	School of physical sciences, Jawaharlal Nehru University, New Delhi -110067, India.	A comprehensive Biophysical analysis of the effect of ss DNA binding on the fluorescence intensity of metal nanoclusters.
P-136	**Pooja Soam**	School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala	Synthesis of 3-alkenyl-oxindole derivatives using Pd-catalyzed multicomponent reaction
P-137	**Pooja Yadav**	Indian Institute of Science Education and Research, Tirupati	Sustainable synthesis of diverse molecular scaffolds via photoredox catalysis and electro-organic Synthesis

P-138	**Poonam Rani**	Indian Instituite of Science Bangalore-560012	Design and Development of small molecule activators to treat neurodegenerative diseases
P-139	**Poonam Saini**	School of Physical Science, JNU, New Delhi, 110067, India	Synthesis of Stable Perylenediimide-based Neutral Radicals with Switchable States
P-140	**Poornima U S**	Department of Chemistry, Shiv Nadar Institute of Eminence, Delhi NCR, India	Natural herbs (Neem, Curry and Mint) - based Extracellular Vesicles hold potential in delivery applications.
P-141	**Prabhat Majumdar**	Indian Association for the Cultivation of Science, Kolkata	Aza[7]Helicene: Overcoming the Synthetic Bottleneck, Chiral Resolution and Modulating the Chiroptical properties.
P-142	**Prachi Bhatia**	Department of chemistry, Indian Institute of Technology, Roorkee-247667, India	Exploring 4-hydroxy-3,5-dinitropyrazole as a precursor for the synthesis of N-methylene-C bridged insensitive energetic materials
P-143	**Prachi Varshney**	Indian Institute of Science Education and Research, Bhopal	Copper Corrole Immobilized onto Reduced Graphene Oxide: An Efficient Catalyst for Hydrogen Evolution Reaction (HER)
P-144	**Pradeep sachan**	IIT Kanpur, India	Coordination-driven Opto-electroactive molecular thin films in electronic circuits
P-145	**Pradyota Kumar Behera**	Department of Chemistry, Berhampur University	Synthesis of Cotarnine Based Scaffold for Oral Cancer
P-146	**Pragya**	Indian Institute of Technology Delhi	Metal-Free Straightforward Synthesis of β,β-Di-aryl Esters: A Cascade Strategy towards 3-Aryl-1-indanone Cores
P-147	**Prakriti Saraf**	Birla Institute of Technology and Science, Pilani campus, Rajasthan	Regioselective Synthesis of Oxadiazolyl and Triazolopyridyl BODIPYs for Sensing of Mercury Ions and pH Sensors
P-148	**Prasanth K**	University of Madras	Visible Light Catalyzed PCET of Quinazolinones/ Benzothiadiazines as

			Amidyl/Aminyl Radical Precursors for Controlled Cascade Cyclization
P-149	**Pratik kumar Lakhani**	Applied Chemistry Department, The Maharaja Sayajirao University of Baroda, Gujarat, India	Development of BINOL-Ru Catalyst Covalently Immobilized on MSNs and Their Application in Asymmetric Hydrogenation
P-150	**Prerna**	Complex Systems Group, Department of Chemistry University of Delhi- 110007, India	Theory and Experiment for migration-diffusion controlled reversible electron transfer reaction
P-151	**Priyanka Chakraborty**	Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh 208 016 (India).	Alcohols as the Alkylating Agent under Base Metal Catalysis: Applications and the Underlying Mechanistic Landscape
P-152	**Priyanka Choudhary**	Department of Chemistry, IIT-Bombay, Powai, Mumbai 400076, Maharashtra, India	Regioselective C-5 Halogenation of 8-Aminoquinoline by Ni-Catalyst and Co-Catalysed Chelation Assisted ortho-Iodination of Aromatic Sulfonamides with Molecular Iodine
P-153	**Priyanka Gautam**	School of Chemistry and Biochemistry, [b] Department of Chemical Engineering, [c]TIET-VT Centre of Excellence for Emerging Materials, Thapar Institute of Engineering and Technology, Patiala, India	Catalytic synthesis of energy-rich fuel additive levulinate esters from levulinic acid using modified ultra-stable zeolite Y
P-154	**Priyasha**	Jawaharlal Nehru University, New Delhi- 110067	The temperature-induced phase transition generates the thermosalient effect in an organic salt.
P-155	**Pronab Kundu**	Spectroscopy Laboratory, School of Physical Sciences, JNU, New Delhi	Dansyl Based Molecular Rulers for Probing Depth-Dependent Solvation Properties at Charged-Lipid/Water Interface
P-156	**Pushpendra**	UGC-SRF/Centre of Biomedical Research	TFA-Mediated One-Pot Tandem Regioselective Synthesis of 3-Substituted-1-Aryl-1H-Pyrazolo-

		SGPGIMS-Campus Raibareli Road.	[3,4-b]quinolines from Anilines and Pyrazolones Using DMSO as one Carbon Source
P-157	**Rabban**	Biomimetic Supramolecular Chemistry Laboratory, Department of Chemistry, Shiv Nadar Institution of Eminence, Uttar Pradesh, India	Spontaneous self-assembly of macrocycles to extended nanostructures
P-158	**Rahul**	Department of Chemistry, University of Delhi, Delhi-110007, India.	Regioselective Carbosulfonylation of Alkynes: Metal free Approach to Access β-Carbo Vinylsulfones
P-159	**Rahul Kumar Singh**	Department of Chemistry, Indian Institute of Technology Indore, Indore 453552, India	Cationic Ruthenium(II)-CNC Pincer Complexes with Multiple NHC Ligands: Catalytic Application in Hydration of Nitriles under mild Condition
P-160	**Rahul P.**	CSIR – National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram	Inverse Electron Demand Diels Alder Reaction of Aza-o-Quinone Methides and Enaminones: Accessing 3-Aroyl Quinolines and Indeno[1,2-b]quinolinones
P-161	**Rajat**	Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016	Photoredox/Palladium Dual Catalysis for Visible-Light Mediated C-H Functionalization of N-protected carbazoles
P-162	**Rajesh Kumar**	Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee 247667, India	Synthesis, Spectral and Redox Properties of Barbituric Acid appended N-Confused Sn(IV) Porphyrin and its Utilization in Photodynamic Therapy
P-163	**Rajnish**	Department of Chemistry, Indian Institute of Technology Roorkee, Uttarakhand, India	Hypervalent Iodine(III) Mediated Synthesis of Isoxazoline via Oxidative of cyclization of Aldoximes
P-164	**Rakhi yadav**	Glyco-chemistry Laboratory, School of Physical Sciences,	Recent Development Towards Green Synthesis of Anticancer Molecules

		Jawaharlal Nehru University, Delhi	
P-165	**Ravisen Rai**	Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi, UP, INDIA	A new Naphthalimide based fluorescence probe for selective detection of Picric Acid
P-166	**Rimpi Bhandari**	Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi, India.	A highly selective fluorescent sensor for Fe3+ based on covalently linked derivative of two naphthalimide unit
P-167	**Rina Mahato**	Department of Chemistry, Indian Institute of Technology Delhi, Hauz Khas, New Delhi, India	HFIP Promoted Metal-free Homodimerization of Styrene Diols: An Efficient Approach toward the Synthesis of 2-Phenylnaphthalenes
P-168	**Rinshad V A**	Department of Inorganic & Physical Chemistry, IISC Bangalore	Solvent Induced Conversion of a Self-Assembled Gyrobifastigium to a Barrel and Encapsulation of Zinc-Phthalocyanine within the Barrel for Enhanced Photodynamic Therapy
P-169	**Rohit**	Indian Institute of Technology Roorkee, Roorkee, Uttarakhand-247667, India	Ratiometric and colorimetric "naked eye" selective detection of CN^- ions by electron deficient Ni(II) porphyrins and their reversibility studies
P-170	**Rohit Kumar**	IIT Delhi, New Delhi-110016, India	Photocatalyzed Hydroxy-Arylation of Olefinic Double Bond in visible light: Synthesis of 3-Benzyl-3-Hydroxyisoindolin-1-Ones
P-171	**Rohit Kumar Maurya**	Student/Dept. of Chemistry, IIT-Kanpur	Femtosecond Laser-Induced Thermal Spectroscopy for Investigating the Molecular Interactions in Liquids
P-172	**Ruchi**	School of Physical Sciences, Jawaharlal Nehru University, New Delhi-110067	Design and Synthesis of POM-MOF Hybrid Materials

P-173	**Ardhra. Shylendran**	Department of Chemistry and Centre for Energy Science, Indian Institute of Science Education and Research Pune, Pune 411008, India	Molecular simulations of temperature and concentration dependence of structure and ionic mobility in diglyme-based Sodium-Ion electrolytes
P-174	**Sadiya Tanga**	Department of Chemistry, [b]Department of Biology, Ashoka University, Sonipat, India	A Turn-Off CRISPR/Cas9 System for Precision Genome Engineering Applications
P-175	**Sahel Fajal**	Department of Chemistry, and Centre for Water Research, IISER, Pune, India.	Nanotrap Grafted Cationic Hybrid Composite Material for Effective Toxic Chemical Segregation from Water
P-176	**Saksham Mishra**	Department Of Chemistry, Indian institute of Technology, Patna, India	Arylation of Maleimide via Weakly Coordinating Acetamide Assisted Cross-dehydrogenative Coupling
P-177	**Sambit Pradhan**	Department of Inorganic and Physical Chemistry, Indian Institute of Science, C.V. Raman Avenue, Bangalore 560012, India	New Insights into Proteasome Inhibition Strategy for Enhanced Specificity and Cellular Toxicity
P-178	**Samim Sohel Rana**	Organometallics & Smart Materials Laboratory, Department of Chemistry, IISER-Bhopal	Mechanoresponsive Heptagon-Containing Non-planar Heteronanographenic Molecules
P-179	**Samina Easmin**	School of Basic Sciences, Indian Institute of Technology Bhubaneswar, Bhubaneswar, India	An Anomalous Phase Transformation of Three Different Co-crystals of Citric Acid and 1,2-bis(4-pyridyl)Ethene in Solution and Solid-State Along with [2+2] Photochemical Reactivity
P-180	**Sandhya Singh Yadav**	Department of Chemistry, IIT-Bombay, Powai, Mumbai 400076, Maharashtra, India	Anti-Markovnikov Palladium-Catalyzed Oxidative Acetalization of Activated Olefins
P-181	**Sandipan Ghorai**	Organic & Medicinal Chemistry Division, CSIR-	Anion-templated programmable Chiral Self-Sorting in Pd_2L_4 Cages

		Indian Institute of Chemical Biology, Kolkata	and the switching between chiral and achiral isomers
P-182	**Sangeeta**	School of Physical Sciences, Jawaharlal Nehru University, New Delhi-110067	Photochemical Properties of Polyoxometalate Supported Transition Metal Complexes
P-183	**Sanjeev Kumar**	Department of Chemistry, University of Delhi, Delhi, India	Tungsten Based Tin Oxide Nanoparticles: Role of Sacrificial Agents in Degradation of Organic Toxic Dye
P-184	**Sanjeev Kushwaha**	Catalysis Group, Department of Chemistry, Indian Institute of Technology Indore, Simrol, Indore 453552, Madhya Pradesh, India	Hydrogen Production from Formic Acid over Ruthenium Catalysts in Water
P-185	**Sanju**	School of Physical Sciences, Jawaharlal Nehru University, New Delhi, India 110067	Novel Route to Synthesize 1,4-Dihydroquinoline Derivatives by Nitrene Insertion Using Five Membered Heterocyclic Rings as Diene Precursor for [4+2] Cycloaddition with Benzyne
P-186	**Sanyukta Mayuri**	National Institute of Technology, Patna	Fluorescent Copper conjugated Curcumin cystine nanoprobe for selective determination of Fe^{3+} and G-quadruplex DNA
P-187	**Satyajit Patra**	New Chemistry Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur P.O., Bangalore-560064	Liquid-liquid Phase Separation (LLPS) from Small Molecules and Their Fates
P-188	**Sayak Ghosh**	Department of Medicinal Chemistry, National Institute of Pharmaceutical and Educational Research (NIPER)-Ahmedabad, Palaj, Gandhinagar-382355, Gujarat, India	A micellar catalysis strategy applied to the Pd-catalyzed C–H arylation of indoles in water
P-189	**Shadab Saifi**	Rajiv Gandhi Institute of Petroleum Technology Jais Amethi U.P. – 229304, India	Coupling of Single –Ni-Atom with Ni-Co Alloy Nanoparticles for PEM Fuel Cell Application

P-190	**Shagun Sharma**	School of Chemical Sciences, Indian Institute of Technology Mandi, H.P., 175075, India	Deciphering the Role of Metal-Thiol Bond on the Excited State Relaxation Process of BSA Protected Metal Nanoclusters
P-191	**Shambhavi C N**	Department of Chemistry, Indian Institute of Technology, Madras, Tamil Nadu-600036	Ruthenium (II)-Catalyzed Redox-Neutral C−H Alkylation of Arylamides with Unactivated Olefins
P-192	**Shankhajit Mondal**	Department of Chemistry, Indian Institute of Science Education and Research, Pune, India	Continuous-flow Fe-Zeolite catalyzed temperature directed synthesis of bioactive tetraketones and xanthenes using epoxide and cyclic-1,3-diketone via Meinwald
P-193	**Shanmugapriya K**	Department of chemistry, School of Advanced Sciences, Vellore Institute of Technology, Vellore	A Protective Metal-Organic Framework with Multiple Donor Site for an Efficient Surface Coating Application Supported by Optical Spectroscopic and DFT Studies
P-194	**Shashikant Tiwari**	Department of Chemistry, University of Delhi, Delhi-110007, India.	A practical, Metal and additive free regiodivergent synthesis of polysubstituted indolizines
P-195	**Sheba Ann Babu**	Academy of Scientific and Innovative Research (AcSIR), Ghaziabad-201002, India	Pd-catalyzed site selective and Chemoselective CH functionalization towards Polyring Fused N-heterocycles
P-196	**Shishir Singh**	Department of chemistry, Indian Institute of Technology, Kanpur-208016	Aminium radical-cation catalysed SN2 type Nucleophilic Ring Opening of Activated Azetidines with Arenes and Heteroarenes: Synthetic Route to Tolterodine
P-197	**Shiva**	Department of chemistry, Banaras Hindu University, Varanasi, India.	Cadmium-metal-organic framework: Synthesis, characterization and fluorescent studies towards nitroaromatic explosives
P-198	**Shivam Abhineet Meena**	Department of Chemistry, University of Delhi, Delhi-110007, India	Stereoselective Synthesis of Functionalized Succinimides by Radical Cascade Sulfonation, Cyclization, and Concomitant

			Thiolation/Selenation of Aza-1,6-Enynes.
P-199	**Shivangee Jha**	Department of Chemistry, [a]Indian Institute of Science Education and Research Bhopal	Bay expanded Terrylene Diimide exhibiting Room Temperature Phosphorescence
P-200	**Shreya Juneja**	Department of Chemistry, Indian Institute of Technology Delhi, Hauz Khas, New Delhi, India	Classifying deep eutectic solvents for polymer solvation via intramolecular dimer formation
P-201	**Shruti Rajput**	IIT Delhi, New Delhi-110016, India	Visible-light-driven Photoredox and Palladium dual catalysis: a route to directing group assisted decarboxylative site-selective benzoylation of N-phenyl-7-azaindoles
P-202	**Shubhangi Majumdar**	Indian Institute of Technology, Delhi	A Photophysical Insight into the Mode of Action of Polyphenols as Protein Aggregation Modulators in The Ultrafast Timescale
P-203	**Shyam Kumar Lokhande**	Department of Medicinal Chemistry, NIPER – Ahmedabad, Palaj, Gandhinagar, Gujarat, India	Water enabled, nickel-catalyzed highly chemoselective C-allylation of (NH)-indoles employing alcohols
P-204	**Smaranika Patra**	School of Physical Science, JNU, New Delhi, 110067, India	Cobalt (II)-based spin crossover materials with twisted PDI dianion
P-205	**Sonali Ghosh**	Supramolecular & Structural Chemistry Laboratory, Indian Institute of Technology Bhubaneswar, Argul, Bhubaneswar, India	Influence of C–H•••S Hydrogen Bonds on Thermal Expansion Studies in Two Concomitant Co-crystals of Ethionamide and 2-Thiobarbituric acid
P-206	**Soni Kumari**	Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee-247667, India	Synthesis, Spectral and Electrochemical Studies of Dicyanovinyl Substituted Porphyrins for Excited State Charge Transfer Dynamics
P-207	**Soundraya Palanisamy**	Department of Chemistry, Indian Institute of	Cu-Catalyzed and Iodine Assisted Domino Synthesis of Thioaurones

		Technology Madras, Chennai 600036, India	through C-S Bond Formation using Xanthate Surrogate
P-208	**Sourav Pramanik**	Centre of Biomedical Research	Hydroxamate-Directed Access to β-Kdo Glycosides
P-209	**Srashti Bhardwaj**	Department of Chemistry, Indian Institute of Technology Delhi	A Bidirectional Iterative Approach to Sequence-Defined Unsaturated Oligoesters
P-210	**Sreshtha Chaki**	Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur	Probing the effect of glycation on the esterase activity of Human Serum Albumin: A spectroscopic study
P-211	**Sruthi S. L., and Meenakshy C. B.**	Department of Chemistry, University of Kerala, Kariavattom, India, 695581	Green Synthesis of Biologically Active Spiro Heterocyclic Compounds
P-212	**Stanzin Chuskit**	School of Phyiscal Sciences, Jawaharlal Nehru University	Effect of methyl substituent on thermal expansion in imidazolium-p-hydroxybenzoate Salt
P-213	**Subhadip Pramanik**	Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur, India	Control of Spin Coupling Through Bridge in Bimetallic Porphyrin Dimer
P-214	**Subhalaxmi Panda**	Department of Chemistry, Berhampur University, Odisha-760007	Oxygen Bridged Bimetallic $BaCu_2O_3.4H_2O$ Nano Catalyst For C-O Cross-Coupling Reaction
P-215	**Suchita Dattatray Shinde**	Department of Medicinal Chemistry, NIPER, Ahmedabad, Gujarat, India	Synthesis and investigation of backbone modified squaramide dipeptide self-assembly
P-216	**Sukriti Santra**	Department of Chemistry, University of Delhi, Delhi - 110007	Regioselective synthesis of 5,6,7,8-tetrahydroindolizine via 1,1,2- trifuctionalisation of alkynes
P-217	**Suman Majee**	Amity Institute of Click Chemistry Research & Studies	Base Promoted C-3 Chalcogenylation of Indolines with Dichalcogenides
P-218	**Sumanta Let**	Department of Chemistry, Indian Institute of Science	Palladium anchored N-Heterocyclic Carbene on a Porous

		Education and Research, Pune, India	Polymer – An Efficient Heterogeneous Composite Catalyst for Eco-Friendly Suzuki-Miyaura Coupling
P-219	**Sumit Kumar Yadav**	Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee, India	Synthesis of meso-tetracyanobutadiene-Appended Porphyrin for NLO Application
P-220	**Sumithaa Chezhiyan**	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India	Nanoencapsulation of Ru(p-cymene) Complex Bearing Ginger-based Natural Product into Liposomal Nanoformulation to Improve Its Cellular Uptake and Antiproliferative Activity
P-221	**Sunil**	Glyco-Chemistry Laboratory, School of Physical Sciences, Jawaharlal Nehru University, Delhi	Recent Advancement in Synthesis of Organo-Catalysed Antitubercular Agents
P-222	**Supraja N**	Department of chemistry, School of Advanced Sciences, VIT, Vellore – 632014	"Naked eye" colorimetric sensing response of benzothiazole-based imine chemosensor towards copper (II) ion detection: synthesis, characterization and theoretical investigations
P-223	**Suraj Kashyap**	Department of chemistry, Indian Institute of Technology, Kanpur	Aminium Radical-Cation Catalyzed S N 2-type Ring-Opening Reactions of Aziridines with O/S/N/C-Nucleophiles: Formal Synthesis of (R)-Halostachine
P-224	**Suresh Kumar Yadav**	Department of Chemistry, Indian Institute of Technology, Madras, Tamil Nadu	Regio- and Chemoselective [4+2]-Annulation of Aromatic Sulfoxonium Ylides with 1,3-Diynes via Cp*Co(III) Catalysis
P-225	**Swati Singh**	Indian Institute of Technology, Delhi	Metal- and catalyst-free photoinduced radical cascade reactions to achieve thioalkylation of quinoxalin-2(1H)-ones: an

			efficient synthesis of β-heteroaryl thioethers
P-226	**Tabish Iqbal**	Indian Institute of Science	Deciphering a Membrane-bound Hydrocarbon Producing Metalloenzyme
P-227	**Tanaya Manna**	Centre of Biomedical Research, SGPGIMS Campus, Lucknow-226014, India	Biocatalytic Asymmetric Synthesis of Tetrahydro-1-Benzazepines using Imine Reductases (IRED)
P-228	**Tanya Agrawal**	Department of Chemistry, Shiv Nadar Institute of Eminence, New Delhi, India	Imperative Label-free distinctions between breast cancer and normal chromosomes
P-229	**Tapaswini Sethi**	School of Physical Sciences, Jawaharlal Nehru University, New Delhi	Tuning of Thermal Expansion Properties of Mixed-Ligand MOF by Ligand Variation
P-230	**Tazeen**	Department of Biological and Synthetic Chemistry, Centre of Biomedical Research, SGPGIMS-Campus, Lucknow, India	First NHC Catalyzed Enantioselective Cycloaddition Reactions of Enals with α-Functionalized Vinyl Ketones
P-231	**Tohasib Yusub Chaudhari**	Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi	A Bronsted acid-catalysed regioselective carboxamidation of 2-indolylmethanols with isonitriles
P-232	**Tushar Ashok Kharde**	Catalysis Group, Department of Chemistry, Indian Institute of Technology, Indore	Low-temperature hydrogen production from methanol
P-233	**Uma Shankar**	Glyco-Chemistry Laboratory, School of Physical Sciences, JNU, Delhi, India	Recent Synthetic Development on 2-Hydroxy-1,4-naphthoquinone (Lawsone)
P-234	**Umabharathi P S**	Department of Chemistry, School of Advanced Science, VIT University, Tamil Nadu	Detection of cyanide in mainstream smoke of tobacco products through Naked-eye colorimetric, turn-on fluorescent Schiff base sensor and its theoretical studies.
P-235	**Vaishaly Duhan**	Department of Chemistry, School of Natural Sciences, SNIoE	Effect of Hydrogen Bonding as a Latent Catalyst in Greener

		Gautam Buddha Nagar, Uttar Pradesh, India	Substituted Benzoxazine and their Applications
P-236	**Varsha Jain**	Department of Chemical Sciences, IISER Mohali, Punjab 140306, India	Imine-based highly polar achiral unsymmetrical four-ring bent shaped liquid crystals: Design, synthesis and characterization
P-237	**Vatsala Cilamkoti**	Department of Chemistry, Indian Institute of Technology, Roorkee, 247667, India	Studies on Photoluminescence Property of Silicon Dioxide Quantum Dots Anchored on Different Types of Carbonaceous matrix & their Application for Metal Ion Sensing
P-238	**Vikas Dixit**	Indian Institute of Technology, Delhi, India	Visible light mediated Direct Activation of Benzoquinone for the Generation of Quinoxaline Derivatives
P-239	**Vikas Maurya**	Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi-110067, India.	Unraveling topoisomerase IA gate dynamics in presence of PPEF and its preclinical evaluation against multidrug-resistant pathogens
P-240	**Vikram Singh**	Centre of Biomedical Research, Lucknow	Iodine(III) Catalyzed Unprecedented Direct Construction of (Hetero)functionalized Pyrazolines, Pyrazoles and Isoxazoles
P-241	**Vimlesh Kumar**	Department of Chemistry, Indian Institute of Technology Kanpur	Ruthenium Catalyzed Stereo- and Chemoselective Oxidative Coupling Reaction of Vinyl ketones and Acrylates: Application to Synthesis of FR252921
P-242	**Virender**	School of Physical Sciences, Jawaharlal Nehru University, New Delhi-110067	Synergistic Antimicrobial treatment by amino acid & peptide conjugated copper oxide nanoparticles.
P-243	**Vishal Jyoti Roy**	Indian Institute of Technology, Delhi	Tetrel-bonding Interaction in Action: C-N Activation Approach Towards the Synthesis of Unsymmetric Tertiary Amines and α-Amino Carbonyl Derivatives

P-244	**Vishali Pathania**	Department of Chemistry, Indian Institute of Technology Delhi, New Delhi, 110016, India.	Unveiling Phenalenyl as a Potent Photoreductant: Enabling Access to the Reductive Functionalization of Aryl Halides through Visible Light-Induced Electron Transfer Processes
P-245	**Vishnu K. Omanakutta N**	Chemical Sciences and Technology Division, CSIR-NIIST, Thiruvananthapuram-695019, India.	Palladium Catalyzed Desymmetrization of Diazabicylic Olefins with 4-Halo-1,3-dicarbonyl compounds: Accessing 3(2H)-Furanone Appended Cyclopentenes
P-246	**Vishwajit Chavda**	Applied Chemistry Department, The Maharaja Sayajirao University of Baroda, Vadodara	GO Driven Fluorescence Modulation of Rhodamine B in Aquoline: A Water-Based Deep Eutectic Solvent
P-247	**Writakshi Mandal**	Department of Chemistry, Indian Institute of Science Education and Research (IISER) Pune	Unfolding the Impact of Diverse Morphology of Ionic Porous Organic Polymer with Mechanistic Investigation on the Rapid and Selective Sequestration of Toxic Pollutants from Water
P-248	**Yogita Arya**	Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai, 400076	Redox Non-Innocence Behavior of Hinge-like Deprotonated Bis-lawsone on Ruthenium and Osmium Platforms
P-249	**Parul Mittal**	Division of Cyclotron and Radiopharmaceutical Sciences, Institute of Nuclear Medicine and Allied Sciences, Delhi	Intranasal delivery using Acetylcholinesterase Targeted Micellar nanocarrier for C-site Directed Designer Oximes for Reversible Reactivation
P-250	**Manoj Chahal**	Hindu College, University of Delhi	Binding enabled catalytic activation of SO2 by copper koneramine complexes under ambient conditions
P-251	**Dr. Soumabha Bag**	Assistant Professor, Department of Industrial Chemistry, School of Physical Sciences, Mizoram University, Aizawl, Mizoram, India	Synthesis, Characterization, and Applications of Nanoglass

P-252	**J. Shakina**	Department of Chemistry and Research Centre, Sarah Tucker College (Autonomous), Affiliated to Manonmaniam Sundaranar University, Tamil Nādu, India	Development of Novel Triazine-based Chemosensor for Cu(II) detection and DNA binding Studies.
P-253	**Premlata Kumari**	Department of Chemistry, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat	Design, Synthesis, and in silico Study of New Coumarin-Piperazine Hybrids as Potential Antibacterial and Anticancer Agents
P-254	**Sasanka Deka**	Department of Chemistry, University of Delhi, North Campus, Delhi-110007, India	Robust and promising hydrogen and oxygen evolution reaction by nanostructured bifunctional FeCoPd alloy electrocatalyst
P-255	**S. Mula**	Homi Bhabha National Institute, Anushakti Nagar, Mumbai 400094, India.	Design and Synthesis of BODIPY Helicenes as Heavy-Atom-Free Triplet Photosensitizers for Photodynamic Therapy of Cancer
P-256	**Akshi Tyagi**	Department of Chemistry, Indian Institute of Technology Delhi, New Delhi, India.	Understanding Cyclic(alkyl)(amino)carbene-Copper Complex Catalysed N-H and O-H Bond Addition to Electron Deficient Olefin
P-257	**Jyoti Dalal**	School of Physical Sciences, Jawaharlal Nehru University, New Delhi	In-silico Drug Design and Discovery using MMP (Matrix Metalloproteinases)
P-258	**Manisha Patni**	Department of Chemistry, IIS (Deemed to be University), Jaipur	Theoretical investigation of Donor-Acceptor behaviour of Nitrogen containing Heterocycles
P-259	**Nutan Sharma**	Department of Chemistry, Faculty of Science, SGT University, Gurugram-122505	Synthesis of Biologically Important sulphonamide Linked Trifluoromethylated Pyrazoles
P-260	**Raakhi Gupta**	IIS (deemed to be University), Jaipur 302020, India	Reaction of imidazo[1,2-a]pyridines with acetylenic esters: Formation of new cross-conjugated mesomeric betaines.

P-261	**Biswajit Saha**	Amity Institute of Biotechnology, Amity University, Noida Sector 125	An Atom economical Approach Metal-free C-5 Chalcogenation of 8-Aminoquinolines: under Mild Conditions
P-262	**Rashmi Prakash**	Department of Chemistry, Indian Institute of Technology Delhi, Hauz Khas, New Delhi, 110016, India.	Electricity Induced Rhodium-Catalyzed Oxidative C–H/N–H Annulation of Alkynes with Dihydrophthalazinediones