

Birth Centenary Celebration of Professor Asima Chatterjee



BOOK OF ABSTRACTS

International Conference on Chemistry for Human
Development (ICCHD-2018)

Jointly Organized by

Professor Asima Chatterjee Foundation (PACF) with the
University of Calcutta and Heritage Institute of Technology,
Kolkata during *January 8–10th, 2018*

Venue: Heritage Institute of Technology, Kolkata-700107

ICCHD-2018 Registration will be started at 8:30 am and Inaugural Session at 9:30 a.m. on Monday, 8th January, 2018 at the *Heritage Institute of Technology*, Chowbaga Road, Anandapur, PO : East Kolkata Township, Kolkata- 700107 (Near Rubi Hospital). Phone:(033)24430454/09419227993(Dr. Dhara)/ 07278210141(Dr. Mitra)/ (Mr. Pati 9330012932

Program Schedule Day-1 (8 th January, 2018)		
8:30-9:30AM Registration & Poster Display (P01-P80)		
9:30-11:30AM: Hall-2		
Inaugural Program		
Keynote Address by Prof. A. V. Rama Rao, Founder and MD, Avra Laboratories Pvt. Ltd		
11:30-11:45AM Tea Break		
Hall-1	Hall-2	Hall-3
Technical Session 1	Technical Session 2	Technical Session 3
<i>Today's Program is Sponsored by Radhamadhab Institution (P. C. Chandra), Kolkata</i>		
Chairman: Prof. Avijit Banerji, CU (formerly)	Chairman: Prof. A. Stephen K. Hashmi, Heidelberg University, Germany	Chairman: Dr. Bhanu Manjunath, Syngenta Biosci. Pvt. Ltd.
PL-1: 11:45AM-12:25PM Dr. Paritosh M. Chakrabarti, PMC Group, USA Asima Chatterjee Centennial Lecture, Kolkata, India	PL-2: 11:45AM-12:25PM Prof. Pierre H. Dixneuf, University of Rennes, France <i>Catalyzed sp²C-H and sp³C-H bond activation/ functionalization even in water: from ruthenium to copper catalysts</i>	PL-3: 11:45AM-12:25PM Prof. Uday Maitra, IISc Bangalore <i>Bioanalytical Applications of Soft Photoluminescent Materials</i>
IL-1: 12:25-12:55 PM: Prof. Dayar Arbain, Andalas University, Indonesia <i>Bioactive Compounds from Sumatрана Medicinal Plants</i>	IL-3: 12:25-12:55 PM Dr. Basker Sundararaju <i>High-Valent Cobalt (III)-Catalyzed C-H bond Functionalization</i>	IL-5: 12:25-12:55 PM Prof. K. P. Kaliappan, IIT Bombay <i>Domino Strategy to Syntheses of Natural Products and Heterocycles</i>
IL-2: 12:55-1:25 PM Dr. Shamsun N. Khan, East West University, Bangladesh <i>3DQSAR and Mechanistic Studies of New and Novel Class of Alpha-Glucosidase Inhibitors</i>	IL-4: 12:55-1:25 PM Dr. Debabrata Maiti, IIT Bombay <i>Designing of templates to reach the distal C-H bond</i>	IL-6: 12:55-1:25 PM Prof. Martin Oestreich <i>Technische Universität Berlin, Germany Solving Our Long-Standing Problems in Silicon Chemistry</i>
1:25-2:45 PM Lunch Break & Poster Session (P01-P80)		
Hall-1	Hall-2	Hall-3

<i>Challenges for the Future</i>	<i>possible Generation of Carbene Intermediates</i>	
IL-13: 5:20-5:50P Dr. Debasish Bandyopadhyay, University of Texas, USA <i>Nexus of Extraction, Chemical Modification, and Synthesis: Natural Products in Drug Development</i>	IL-15: 5:20-5:50P Dr. Ravi P. Singh, IIT Delhi <i>Enantioselective C-C and C-Heteroatom bond formation through spatial control at remote place</i>	IL-17: 5:20-5:50P Prof. Rina Ghosh <i>Synthesis of oligosaccharides related to bacterial antigens using sequential one-pot glycosylation reactions</i>
IL-14: 5:50-6:20PM Prof. Vijaya Kumar University of Paradeniya, Sri Lanka <i>Laboratory to Commercialization – Challenges for Developing Countries</i>	IL-16: 5:50-6:20PM Dr. Jean-François Soulé, CNRS Rennes, France <i>Transition-Metal Catalyzed Orthogonal C-H Bond Arylation to Access to Polyaromatic Structures</i>	IL-18: 5:50-6:20PM Dr. Debaraj Mukherjee, IIM Jammu <i>Transformation of sugar enol ethers into biologically important scaffolds</i>
6:30-7:30PM	Hall-2	Cultural program
7:30-9:30 PM	Gala Dinner <i>Sponsored by P. C. Chandra</i>	

Program Schedule Day-2 (9th January, 2018)

Poster Session: 9:00-10:00AM

P81-P160

Hall-1

Hall-2

Hall-3

Technical Session 10

Technical Session 11

Technical Session 12

Syngenta Bioscience Pvt Ltd Sessions

Chairman Prof. Uday Maitra, IISc Bangalore	Chairman Prof. S. Chandrasekaran, IISc Bangalore	Chairman Prof. K. P. Kaliappan, IIT Bombay
PL-10: 10:00-10:40AM Prof. Arun K. Ghosh, Purdue University, USA <i>Natural Products and Molecular Design in Today's Medicine</i>	PL-11: 10:00-10:40AM Prof. Vinod K Singh, IISER Bhopal <i>Enantioselective tandem approach to isoindolinone, lactone, and cyclohexane based synthetically useful moities</i>	IL-6: 12:55-1:25 PM Prof. Subrata Ghosh, IACS, Kolkata <i>Rapid Access to Complex Molecular Structures towards Natural Products Synthesis</i>
IL-19: 10:40-11:10 AM Dr. Sanjay Batra, CDRI, Lucknow <i>Chemistry of β Carbolines: Synthesis of natural product mimics and annulated systems</i>	IL-21: 10:40-11:10AM Dr. Arnaud Voiturier, ICSN-CNRS, France <i>Phospha[6]helicenes as Effective Ligands in Enantioselective Gold(I)-Catalysis</i>	IL-23: 10:40-11:10AM Prof. Dipakranjan Mal, IIT Kharagpur <i>Anionic annulations with phthalides</i>
IL-20: 11:10-11:40 AM Prof. Samita Basu, SI Kolkata <i>Use of low magnetic field probe photo induced electron transfer reactions</i>	IL-22: 11:10-11:40 AM Dr. P. Jaisankar, IICB Kolkata <i>Fiaud's Acid: A Brønsted Acid Catalyst for Enantioselective Friedel-Crafts Alkylation of Indoles with 2-Alkene-1,4-diones</i>	IL-24: 11:10-11:40 AM Prof. Akhila K. Sahoo, UH, Hyderabad <i>Cyclization Diversity of Yne-Tethered Ynamides: Access to Novel Heterocycles</i>
11:40-11:55AM Tea Break		
Hall-1 Technical Session 13	Hall-2 Technical Session 14	Hall-3 Technical Session 15
Rigaku Sessions		
Chairman: Dr. Banasri Hazra Department of	Chairman: Prof. T. K. Chakraborty, IISc Bangalore	Prof. Sujit Roy, IIT Bhubaneswar

Pharmacy, JU (formerly)		
PL-13: 11:55AM-12:35PM Prof. Asit K. Chakraborti, NIPER Mohali <i>Sustainable Chemistry Development: New Concepts and Applications Application</i>	PL-14: 11:55AM-12:35PM Prof. Dawei Ma, SIOC-Shanghai, China <i>Convergent Total Synthesis of Bioactive Alkaloids</i>	PL-15: 11:55AM-12:35PM Prof. H. Ila, JNCASR, Bangalore <i>Organic Synthesis Towards Greener Pastures</i>
IL-25: 12:35-1:05 PM Prof. Nimal S. Kumar, NIFS Sri Lanka <i>Naphthoquinone metabolites produced by Monacrosporium ambrosium (syn. Fusarium ambrosium), symbiotic fungus of the tea shot-hole borer beetle (Euwallacea fornicatus)</i>	IL-27: 12:35-1:05 PM Dr. Srinivasa Reddy, NCL Pune <i>Natural Products Synthesis for Human Well-being: Selected Case Studies from Our Group</i>	IL-29: 12:35-1:05 PM Prof. Carmen Nájera University of Alicante, Spain <i>Multicomponent 1,3-Dipolar Cycloadditions of Azomethine Ylides</i>
IL-26: 1:05 -1:35 PM Prof. Liaquat Ali, BUHS, Bangladesh <i>ETIOPATHOGENESIS OF DIABETES MELLITUS AMONG BANGALEE POPULATION: IMPLICATIONS FOR THE STUDIES ON ANTIDIABETIC MEDICINAL PLANTS</i>	IL-28: 1:05-1:35 PM IL-43: 5:30-6: 00PM Prof. Christoph Schneider, University of Leipzig, Germany <i>Exploiting the Chemistry of ortho-Quinone Methides</i>	IL-30: 1:05-1:35 PM Dr. Marc Taillefer, CNRS-ENSC Montpellier, France <i>Metal Catalyzed or Transition Metal free Arylation of Nucleophiles: Recent Progress, Industrial Application and Mechanistic Insight</i>
1:35-2:45 PM Lunch Break and Poster session		
Hall-1	Hall-2	Hall-3
Technical Session 16	Technical Session 17	Technical Session 18
CCRAS, MINISTRY OF AYUSH, GOVT OF INDIA Sessions		Johnson Matthey Session
Chairman: Dr. Samit	Chairman Prof. Naoto	Prof. Asish Ranjan Das, University of Calcutta

<p>Chattopadhyay, IICB Kolkata</p>	<p>Chatani, Osaka University, Japan</p>	
<p>PL-16: 2:45-3:25PM Prof. Tien-Yau Luh, National Taiwan University, Taiwan <i>Mimicking DNA Proofreading and Repair for the Stereospecific Synthesis of Substituted Alkyl(Polymethylene-E-vinylene). ROMP of Cyclopropenes</i></p>	<p>PL-17: 2:45-3:25PM Prof. A. Stephen K. Hashmi, Heidelberg University, Germany <i>Au-Catalyzed C-H Insertions and Au-Catalyzed Photoredox Reactions</i></p>	<p>PL-18: 2:45-3:25PM Prof. Qi-Lin Zhou Nankai University, China <i>Asymmetric Synthesis Using Chiral Spiro Catalysts</i></p>
<p>IL-31: 3:25-3:55PM Prof. Susanta S. Adhikari, University of Calcutta <i>Engineering bis-Arylidene Oxindole to Target Cancer</i></p>	<p>IL-36: 3:25-3:55PM Prof. Fabio Bellina, University of Pisa, Italy <i>Selective palladium-catalyzed C-functionalization of imidazoles</i></p>	<p>IL-38: 3:25-3:55PM Prof. Brindaban C Ranu, IACS Kolkata <i>Economy and Eco-acceptability –Vital Parameters for Green and Clean Chemical Synthesis Alkaloids</i></p>
<p>IL-32: 3:55-4:05PM; Chairman: Dr. Jayram Hazra Dr. Pawan Kumar Sharma, Emami Ltd., Kolkata <i>Research on Ayurvedic Medicines</i></p> <p>IL-33: 4:15-4:15PM Dr. Tuhin K. Biswas, JBRS Ayurvedic Medical College & Hospital, Kolkata <i>Ayurveda in the Parlance of Modern Chemical and Biological Science</i></p> <p>IL-34: 4:15-4:25PM Dr. Achintya Mitra,</p>	<p>IL-36: 3:55-4:30PM Dr. Masilamani Jeganmohan, IIT Madras <i>Ruthenium(II)-Catalyzed Redox-Neutral C-H Bond Functionalization of Aromatics and Heteroaromatics</i></p>	<p>IL-39: 3:55-4:25PM Dr. P. Shanmugam, CLRI, Chennai <i>Unusual [3+2]-spiroannulation and creation of stere quaternary center at C-3 of oxindole via addition of (het)arynes to isomerized Morita-Baylis-Hillman add isatin</i></p>

<p>NRIADD, Kolkata <i>Application of Chemistry in Divulging the Efficacy of Ayurvedic Metal Preparations</i> IL-35: 4:25-4:35PM Dr. P. B. Kar Mahapatra IPGAER-SVSP, Ayurvedic Rasayanas, the wonderful immuno -modulators for better survival</p>		
<p>4:35-4:50PM Tea Break</p>		
Hall-1	Hall-2	Hall-3
Technical Session 19	Technical Session 20	Technical Session 21
<i>IICB Kolkata Session</i>	<i>CSIR Delhi Session</i>	<i>Agilent Technologies India Pvt Ltd Session</i>
<p>Chairman: Prof. Brindaban C Ranu, IACS Kolkata</p>	<p>Chairman Prof. Qi-Lin Zhou, Nankai University, China</p>	<p>Chairman Dr. Thomas J. Colacot, Johnson Matthey , USA</p>
<p>PL-19: 4:50-5:30PM Prof. Samit Chattopadhyay, IICB Kolkata</p>	<p>PL-20: 4:50-5:30PM Prof. T. K. Chakraborty, IISc Bangalore RADICAL APPROACH TO CHIRAL QUATERNARY CENTRES: PROSPERE FENESTRA</p>	<p>PL-21: 4:50-5:30PM Prof. Masaya Sawamura <i>Transition Metal Catalysis of Polystyrene-Cross- Linking Bisphosphines</i></p>
<p>IL-40: 5:30-6:00PM Arindam Talukdar, IICB Kolkata <i>Discovery and Development of Potent and Selective Antagonists of Endosomal Toll-like Receptor-9 (TLR9) for autoimmune disorders.</i></p>	<p>IL-42: 5:30-6:00PM Prof. Victorio Cadierno, Universidad de Oviedo, Spain <i>Catalytic Synthesis of Enol Esters and their Asymmetric Hydrogenation</i></p>	<p>IL-44: 5:30-6:00PM Prof. Maya S. Singh, BHU Banaras <i>α-Enolic dithioester: A wonderful synthetic module toward diverse heterocyclic scaffolds</i></p>
	IL-43: 6:00-6:30PM	IL-45: 6:00-6:30PM

<p>IL-41: 6:00-6:30PM Prof. Abu T. Khan, IIT Guwahati <i>Exploration of Amines for the synthesis of Nitrogenous Heterocycles</i></p>	<p>Prof. Fabio Ragaini, Università degli Studi di Milano, Italy <i>Palladium/Phenanthrolines Catalyzed Carbonylation of Nitroarenes; the Key Role of the Nitrogen Ligand</i></p>	<p>Prof. Bhisma Patel, IIT Guwahati <i>Cascade and Multicomponent Strategies in the Construction of Heterocyclic Scaffolds</i></p>
<p>6:30 -7:30PM Cultural Program</p>		
<p>7:30 -9:30PM Dinner</p>		

Program Schedule Day-3 (10th January, 2018)	
Hall-1	Hall-2
Technical Session 22	Technical Session 23
<i>Indian National Science Academy Session</i>	<i>IISER Kolkata Session</i>
Chairman: Prof. H. Ila, JNCASR, Bangalore	Chairman: Prof. Subrata Ghosh IACS, Kolkata
	PL-22: 10:00-10:40AM Prof. Sourav Pal, IISER Kolkata
IL-46: 10:40-11:10AM Prof. Shital K Chattopadhyay, KU Kalyani <i>Diversity Oriented Synthesis of some Bioactive Natural Products</i>	IL-50: 10:40-11:10AM Dr. Akkattu T. Biju, IISc Bangalore <i>Sustainable N-Heterocyclic Carbene (NHC) Organocatalysis</i>
IL-47: 11:10-11:30AM Dr. Parthasarathi Das, ISM Dhanbad <i>Expanding the Medicinal Chemistry Toolbox: Synthesis of 7-Azaindole Derivatives With Translational Potential</i>	IL-51: 11:10-11:30AM Dr. Prabal Banerjee, IIT Ropar <i>Development of Novel Synthetic Methodologies for Highly Functionalized Heterocycles and Carbocycles Employing Strain Induced Diverse Reactivity of Small Ring Molecules</i>
IL-48: 11:30-11:50 AM Dr. Tabrez B. A. Khan, IIT Bhubaneswar <i>Exploration of [2+2+1] cycloaddition based strategy towards the synthesis of modest to complex molecular architecture</i>	IL-52: 11:30-11:50 AM Dr. Subhash Ghosh, IICT Hyderabad <i>Total synthesis of Mycalol and proposed structure of Maltepolide C</i>
IL-49: 11:50-12:10 PM Dr. Debasis Banerjee, IIT Roorkee <i>Nickel-Catalyzed Sustainable Organic Transformations</i>	IL-53: 11:50-12:10 PM Dr. Debayan Sarkar, IIT Ropar <i>Exploring Molecular Intricacy-New Intrigues with Oxidative Dearomatisation and Atom-economic Couplings</i>
12:10-12:25PM	Tea Break

Hall-1	Hall-2
Technical Session 24	<i>Technical Session 25</i>
Chairman: Prof. Asok Mallik, Dept of Chemistry, JU (formerly)	Chairman: Prof. Shital K Chattopadhyay, KU Kalyani
OL-1: 12:25-12:30PM	OL-6: 12:25-12:30PM
OL-2: 12:30-12:35PM	OL-7: 12:30-12:35PM
OL-3: 12:35-12:40PM	OL-8: 12:35-12:40PM
OL-4: 12:40-12:45PM	OL-9: 12:40-12:45PM
OL-5: 12:45-12:50PM	OL-10: 12:45-12:50PM
1:00-1:15PM Valedictory Session & Distribution of Certificates for the Best Poster and Oral Presenters	
12:50-2:00PM	Lunch
2:15PM: Tour (<i>Need to book with Rs. 3000 for special trip in the Ganga River, around Calcutta</i>)	

POSTERS

<i>Poster Number</i>	<i>Author</i>	<i>Title</i>	<i>Institute</i>
P-001	Megha Balha	Organocatalytic Asymmetric Michael-Hemiacetalization Reaction of 2-Hydroxyacetophenones: A Route to Chiral β,γ -Disubstituted γ -Butyrolactones	Chemistry Department, IIT Guwahati, Guwahati, Assam
P-002	Anjali Dahiya	Substrate-Catalyzed Domino Ring Opening Cyclization: A Greener and Atom Economic Route to 2-Iminothiazolidines	Department of Chemistry, IIT Guwahati, India
P-003	Wajid Ali	Palladium-Catalyzed Cascade Reaction of Isocyanides with 2-Iodophenoxy acrylate	Department of Chemistry, IIT Guwahati, India
P-004	Sumit Kumar Patra	Maleimide-based dual analyte probe for colorimetric cyanide and fluorometric H ₂ S detection and the multifunctional properties of its bisulfide adduct	Centre for Advanced Studies, Department of Chemistry, North Eastern Hill University, Shillong, Meghalaya 793022, India
P-005	Sanjoy Kumar Sheet	Highly selective luminescent detection and imaging of ribosomal RNA by a cyclometalated iridium(III) complex based AIEgen	Centre for Advanced Studies, Department of Chemistry, North Eastern Hill University, Shillong, Meghalaya 793022, India
P-006	Biswajit Panda	Polycyclopropene Based Polymeric Ladderphanes	City College, 102/1 Raja Rammohan Sarani, Kolkata-700009
P-007	Abdul Motaleb	Organocatalyst Bound Radical Intermediate: Controlling Reactivity, Regio and Stereoselectivity of Aerobic Imminium Ion Oxidation	Organic Chemistry Division, National Chemical Laboratory(CSIR-NCL), Pune, Maharashtra, India, 411008
P-008	Abhijeet Kumar	Pot-economic Synthesis of Diarylpyrazoles and Pyrimidines Involving Pd-Catalyzed Cross-coupling of 3-Trifloxychromone and Triarylbiomuth	Department of Chemistry, School of Physical and Material Sciences, Mahatma Gandhi Central University, Motihari, East Champaran-845401, Bihar, India

P-009	Ahalya Behera	Cascade Synthesis of N-(2-(phenylsulfinyl)phenyl)acetamides via Pd-Cu Catalyzed Ring Opening Rearrangement of N-phenylbenzo[δ]thiazol-2-amine	Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati-781039, India
P-010	Suman Kumar Maity	Palladium Assisted Removal of Protecting Groups and Solubilizing Tag for Facilitating Chemical Protein Synthesis	Chemistry Department, Narasinha Dutt College, Howrah-711101
P-011	Amrita Ghosh	A diversity oriented synthesis of D-erythro-sphingosine and sibilings	Department of Chemistry, University of Kalyani, Kalyani 741235, West Bengal, India
P-012	Aniket Mishra	Ruthenium-Catalyzed Direct and Selective C–H Cyanation of N-(Hetero)aryl-7-azaindoles	Organic & Medicinal Chemistry Division, Indian Institute of Chemical Biology, 4- Raja S.C. Mullick road, Jadavpur, Kolkata – 700032
P-013	Anirban Mondal	A new organocatalysts derived from (S)-pyrrolidin-2-ylmethanamine and isobutyl chloroformate in highly enantioselective Michael addition reactions in aqueous media	Department of Chemistry, Visva-Bharati University;Bolpur, West Bengal-731 235, India
P-014	Anup Mandal	Ruthenium(II)-Catalyzedortho-C–H Chalcogenation of Benzoic Acids via Weak O π Coordination: Synthesis of Chalcogenoxanthenes	Department of Chemistry, Indian Institute of Technology Madras, Chennai 600036
P-015	Aparna Sarkar	Nuclear modification of “A-ring” of the core nucleus of Isotanshinone-II in search for novel antibacterials: Synthesis of doubly condensed naphthoquinone derivative 9-Methylnaphtho[1,2-b]thieno[7,8-b]furan-4,5-dione and its analogue as bioisosteres	Department of Chemistry, Presidency University, 86/1 College Street, Kolkata 700073, INDIA
P-016	Arghya Polley	Synthesis of Privileged Medicinal-Scaffolds Through Decarboxylative Fluorination	Organic and Medicinal Chemistry Division, CSIR-Indian Institute of Chemical Biology, 4 Raja S C Mullick Road, Jadavpur, Kolkata-700032

P-017	Asim Kumar	Directed ortho halogenation of benzazole derivatives via C-H bond activation	Department of Medicinal Chemistry National Institute of Pharmaceutical Education and Research (NIPER), Sector 67, S. A. S. Nagar 160 062, Punjab, India
P-018	S. K. Ghorai	N-formylation of Amines using Ethyl formate under Bio-catalytic Condition	Syngenta Biosciences Pvt. Ltd., Santa Monica Works, Corlim, Ilhas, Goa-403110, India
P-019	Atish Barua	Antimetastatic potential of Xanthone isolated from Swertia chirata in mouse carcinoma model	Department of Cancer Chemoprevention Chittaranjan National Cancer Institute
P-020	Avimanyu Bandyopadhyay	Structural analysis of SarA using Accelerated Molecular Dynamics (MD) methods of 1 μ s scale	CB 610 Bioinformatics Lab, Dept. BT, Heritage Institute of Technology, Kolkata-700107, India
P-021	Ayan Mukherjee	Synthesis and Evaluation of Quercetin Derivatives as Anticancer Agents by Modulating the Pharmacokinetic Property	Organic and Medicinal Chemistry Division, Cancer Biology and Inflammatory Disorders Division, CSIR-Indian Institute of Chemical Biology, 4 Raja S. C. Mullick Road, Kolkata 700032, WB, India
P-022	Baitan Chakraborty	Access to fused 5,6-Dihydrophenanthridine and fused 6H-Benzo[c]chromene derivatives via Palladium catalyzed domino C-C bond formation and Iron catalyzed isomerization/ cyclization strategy	Dept. of Chemistry, Jadavpur University, Kolkata
P-023	Barnali Paul	Copper-catalyzed selective C-N bond formation with 2-amino, 2-hydroxy and 2-bromo-5-halopyridine	Department of Organic and Medicinal Chemistry, CSIR-Indian Institute of Chemical Biology (IICB), 4 Raja S. C. Mullick Road, Kolkata 700032
P-024	Basudeb Dutta	Dicarboxylato bridged pyridyl appended Cu(II) Supramolecular Aggregates for the Fabrication of Schottky barrier diode	Department of Chemistry, Aliah University, New Town, Kolkata 700 156, India. Department of Chemistry, Jadavpur University, Jadavpur, Kolkata 700 032, India.
P-025	Bhagirath Mandal	Isolation, structure and quantum chemical properties of 2,7-dihydroxy-3-methyl-6H-benzo[c]chromen-6-one, a new chemical constituent from <i>Cassia sophera</i> Linn. (Cesalpiniaceae)	Laboratory of Natural Products and Organic Synthesis, Department of Chemistry, Visva-Bharati (a Central University), Santiniketan-731235, West

			Bengal, India
P-026	Bidyut Debnath	Studies on the Interactions in Binary Mixtures of Sodium Carboxymethylcellulose	Department of Chemistry, Presidency University, Kolkata 700 073
P-027	Buddhadeb Mondal	Highly Diastereo and Enantioselective Synthesis of Spiro-Tetrahydrofuran-Pyrazolones via Organocatalytic Cascade Reaction between γ -hydroxyenones and Unsaturated Pyrazolones	Department of Chemistry, Indian Institute of Technology Guwahati, North Guwahati, Assam, 781039, India
P-028	Chaitali Biswas	A Study of Structural and Magnetic Diversity in Four Interconvertible Copper(II)-Azide Complexes with the NNO donar Schiff Base Ligand: A Monomer, a Dimer, a Chain, and a Layer	Department of Chemistry, Sarojini Naidu College for Women, DumDum, Kolkata-28
P-029	Chandan Gharui	Chiral Phosphoric Acid Catalyzed Enantioselective Annulation of Acyclic Encarbamates to In Situ-Generated ortho-Quinone Methides	Department of Chemistry, Indian Institute of Technology Guwahati, North Guwahati, Assam, 781039
P-030	Chandan Kumar Manna	Palladium(II) complex with 1-(2-pyridylazo)-2-naphthol [PAN]: Synthesis, characterization, X-ray structure, electrochemistry, DNA binding study and DFT calculation	Department of Chemistry, Jadavpur University, Kolkata-700 032, India
P-031	Debabrata Maiti	Catalyst-Controlled Highly Selective Atom Transfer Reactions: Divergent Transformations using Ru- and Fe-catalysts	Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata Mohanpur-741246, West Bengal, India
P-032	Debanjana Biswal	Syntheses, crystal structures, supramolecular architectures via hydrogen bonds, $\pi\cdots\pi$ stacking and DFT calculations of binuclear dioxomolybdenum(VI) complexes of tridentate ONS donor ligands	Department of Chemistry, University College of Science, 92, Acharya Prafulla Chandra Road, Kolkata: 700009, West Bengal, India
P-033	Deblina Roy	Synthetic Studies and Bioevaluation of Tri and Tetrasubstituted Methanes: Quest For Antitubercular Agents	Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow-226031, UP

P-034	Debobrata Paul	Total Synthesis of Pestalotioprolide G and Putative Structure of Pestalotioprolide H	Organic Chemistry Department, IACS, Jadavpur, Kolkata
P-035	Divya Bhatt	On Demand Generation of Cyanobenzenes and 2-Alkynylpyridines by Additive Assisted Ruthenium(II) Catalyzed Chemoselective Cycloadditions	Chemistry Department, IIT Ropar, Rupnagar, Punjab-140001, India
P-036	Behera Ashok	Development of Conjugated Cyclic Peptides as Somatostatin Receptor (SSTRs) Specific Theranostic Agent	Organic & Biomolecular Chemistry, Dept. Nuclear Medicine, CSIR-Indian Institute of Chemical Biology, Kolkata-700032
P-037	Harisadhan Ghosh	Asymmetric Desymmetrization of σ -Symmetric 1,n-Alkane Bisphenols through Organocatalytic Aromatic Bromiation	Department of Chemistry, Surendranath College, University of Calcutta, Kolkata- 700009, India; Fine Organic Synthesis, Institute for Chemical Research, Kyoto University Uji Kyoto, 611-0011 Japan
P-038	Hrishikesh Chowdhury	Transition metal catalyzed [2+2+2] cycloaddition reactions for the synthesis of N-aryl-, 1-(2-pyridyl)-, 3-(2-thiopyridyl)indoles	Department of Chemistry, Indian Institute of Technology Ropar, Rupnagar, Punjab14000, India
P-039	Koushik Majhi	Photophysical investigation of synthesized m-cresol/ β -CD inclusion complex	Integrated Science Education and Research Centre, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal
P-040	Jagadish Das	Sustainable Catalysis: An Efficient and Selective Synthesis of Secondary Amides	Department of Chemistry, Indian Institute of Technology Roorkee Roorkee-247667 (U.K.), INDIA
P-041	Jayanta Nanda	Emergence of Native Peptide Sequences in Prebiotic Replication Networks	Department of Chemistry, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, India
P-042	Kamal verma	Lewis Acid Catalyzed [3+2] Cycloaddition of Donor- Acceptor Cyclopropanes and 1-Azadienes: Synthesis of Imine Functionalized Cyclopentanes and Pyrrolidine Derivatives	Department of Chemistry, Indian Institute of Technology Ropar, Rupnagar, Punjab 140001, India
P-043	Ketaki Samanta	Amplification of Emission from Molecular Rotor	Department of Chemistry, Durham University, South Road, Durham, DH1 3LE, UK;

			Indian Association for the Cultivation of Science, Polymer Science Unit, Jadavpur, Kolkata-32, India
P-044	Khrawborlang Nongsiej	Zinc(II) complexes of nitrogen and oxygen donor ligand: Synthesis and structural characterization	Department of Chemistry, Center of Advance Studies, North-Eastern Hill University, Shillong 793022, India
P-045	Krishnendu Aich	A new ESIPT based chemodosimeter for selective detection of hypochlorite	Department of Chemistry, Jadavpur University, Kolkata-700032
P-046	Kumari Somlata Kashyap	A novel and specific fluorescence probe for the detection of Al ³⁺ with probable application as an imaging reagent	Department of Applied Chemistry, Indian Institute of Technology (ISM), Dhanbad, Jharkhand-826004, India
P-047	Lakshman Patra	A Selective Fluorogenic Chemosensor for Visual Detection of Chemical Warfare Reagent Mimic Diethylchlorophosphate	Department of Chemistry, Jadavpur University, Kolkata-700032, India
P-048	Laksmikanta Adak	Iron-Catalyzed Enantioselective Cross-Coupling Reactions	Sovarani Memorial College, Jagatballavpur, Howrah 711408, West Bengal, India; International Research Center for Elements Science (IRCELS), Institute for Chemical Research, Kyoto University, Uji, Kyoto, 611-0011, Japan
P-049	M. Novanna	Eco Friendly Synthesis of Novel Fused and Spiro Heterocycles from Anthranilamide	School of Advanced Sciences, VIT-University, Vellore-632014
P-050	Mahasweta Nandi	Bacterial Cellulose/Polyacrylonitrile Derived Carbons for New Generation Electrode Materials	Integrated Science Education & Research Centre, Siksha Bhavana, Visva-Bharati Santiniketan-731235, West Bengal
P-051	Maulikkumar D. Vaja	Hydrogen Bond-assisted Organocatalytic Synthesis of Benzazoles	Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Sector 67, S. A. S. Nagar 160 062, Punjab, India

P-052	Md Nirshad Alam	Manipulating Activation Energies for complete Regiodivergent Switch of [1,2] and [2,3] Wittig Rearrangement Products Under Mild Condition	Organic Chemistry Division, National Chemical Laboratory (CSIR-NCL), Pune, Maharashtra, India, 411008
P-053	Md Raja Sk	Weakly Coordinating Ketone-Directed Cp*Co(III)-Catalyzed C–H Allylation on Arenes and Indoles	Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur-721302, India
P-054	Milan K. Barman	Manganese Catalyzed Olefination Reaction via Acceptorless Dehydrogenative Coupling of Alcohols	Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur 741246, India
P-055	Monochura Saha	Light driven switching of a cyclic azobenzene: studies of unusual fluorescence behavior and effect of metal ions on switching	Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER) Kolkata, Mohanpur, Nadia WB 741246, India
P-056	Monojit Sarkar	TiO ₂ Nanoparticles and ZnTiO ₃ Nanocomposites – Synthesis, Characterization and Photocatalytic Applications	Department of Chemistry, Basirhat College, Basirhat, North 24 parganas, PIN-.743412, West Bengal
P-057	Munmun Ghosh	Exploration of [3+2] Cycloaddition and Oxidative Cyclization as Two Distinct Routes towards Synthesis of Pyrazole-Fused Heterocycles	Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur-741246, West Bengal, India
P-058	Navendu Prakash Pathak	Pentose sugar based gelators and their application	Department of Applied Chemistry, Indian Institute of Technology (Indian School of Mines), Dhanbad- 826004, Jharkhand, India
P-059	Nibedita Ghosh	Green and Novel Approach to Targeted Drug Delivery via Peptide Cyclization	Centre for the Environment, IIT Guwahati; Bioorganic Chemistry Laboratory, Department of Chemistry, IIT Guwahati, Assam
P-060	Tanmay Kumar Pati	Pd(II)-Catalyzed sp ³ C-H Arylation through a Smart 2-pyridone-DG	TCG Lifesciences Pvt. Ltd, Sector V, Salt Lake City, Kolkata- 700091, India. Department of Chemistry, University of Calcutta, 92 APC Road, Kolkata-700009

P-061	Pampa Guha	Chelation-Assisted, Copper(II) Azide-Alkyne Cycloaddition: Click Chemistry and its Application in metal coordination	Department of Chemistry, City College, 102/1, Raja Rammohan Sarani, Kolkata, West Bengal 700009, India. Department of Chemistry and Biochemistry, Florida State University, Tallahassee, FL 32306-4390, USA
P-062	Paramita Banerjee	Third-order Polarizability of Alkaline Earth Metal Complexes End-capped with NA_2 (A=H, Li, Na)	Chemistry Department, IEST Shibpur, Howrah, WB
P-063	Pinaki Bhusan De	Ligand-Accelerated Expedient Cobalt(II)-Catalyzed Regio-Selective C7-Arylation of Indolines with Boronic Acids	Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati 781039, India
P-064	Prasenjit Das	Palladium Catalyzed Aerobic Direct $C(sp^2)$ -H Hydroxylation of 2-Arylpyridines Induced with Aldehyde Auto-Oxidation	Organic Chemistry Department, IACS, Kolkata, West Bengal
P-065	Prasenjit Sau	Tert-Butyl Nitrite Mediated Domino Synthesis of Isoxazolines and Isoxazoles from Terminal Aryl Alkenes and Alkynes	Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati-781039, India
P-066	Pritha Choudhury	Preventive and therapeutic efficacy of eugenol in lung carcinoma	Department of Cancer Chemoprevention, Chittaranjan National Cancer Institute Kolkata
P-067	Pritha Das	Oxygen-mediated Selenation of Phosphonates and Arenes	Organic and Medicinal Chemistry Division, CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata-700032
P-068	Priyanka Basu	One-pot green synthesis of 1,2,3-triazoles and benzyl esters catalyzed by $Ag-Al_2O_3@Fe_2O_3$ core-shell nanocatalyst	Department of Chemistry, University of Kalyani, Kalyani, Nadia, 741235, W.B., India
P-069	Promita Biswas	Aerobic Radical Cascade Alkylation/Cyclization of α,β -Unsaturated Amides: an Efficient Approach to Quaternary Oxindoles	Department of Organic Chemistry, IACS, Kolkata 700032 (India)
P-070	Prosenjit Saha	Fluorescence Modulation of Graphene Oxide (GO) by the Surfactant and polymer	Department of Chemistry, Presidency University, 86/1 College Street, Kolkata – 700 073, INDIA

P-071	Pulak Maity	Application of Desymmetrization strategy on Total Synthesis of (-) Dendrobine	Molecular Synthesis Lab. CBMR- Lucknow, Lucknow-226014, India
P-072	Radha Gupta	Synthesis of Graphene Oxide-SBA-16 Composite: Application in Water Remediation and Heterogeneous Catalysis	Department of Applied Chemistry, IIT (ISM), Dhanbad-826004, Jharkhand
P-073	Raghunath Bag	Metal-Free Aerobic Dioxygenation of Alkenes with tert-Butyl Nitrite and N-Hydroxylamines: Synthesis of organic Nitrate Esters	Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati-781039, India
P-074	Raghunath Dey	Stereoselective Synthesis of N-functionalized Carbocycles and Heterocycles through the Annulation Reaction of Donor-Acceptor Cyclopropanes with N-containing Reactive Partners	Department of Chemistry, Indian Institute of Technology Ropar
P-075	Raj Kumar Nandi	An Umpolung Strategy for Regioselective Arylation of Indole Derivatives	LCSO, ISIC, EPFL, CH-1015 Lausanne, Switzerland. MS&MT, ICMMO, Université Paris-Sud, Orsay-91405, France
P-076	Rajat Subhra Giri	Solid Phase Peptide Synthesis by Boc-chemistry on a Resin Usually Used for Fmoc-chemistry	Department of Chemistry, IIT Guwahati, Guwahati, Assam
P-077	Resmin Khatun	Synthesis of palladium nanoparticles embedded on mesoporous TiO ₂ for chemical fixation of CO ₂ on epoxides and Suzuki-Coupling reactions in water medium	Department of Chemistry, University of Kalyani, Kalyani, Nadia
P-078	Ridaphun Nongrum	An ultrasound mediated approach towards the synthesis of N-aryl quinoline derivatives using a functionalized magnetic nano-catalyst.	Centre for Advanced Studies in Chemistry, North-Eastern Hill University, Shillong, Meghalaya 793022, India.
P-079	Rituparna Roy	Pongapin, Karanjin and Plumbagin induces apoptosis by differential ROS modulation, DNA damage and NFκB signaling in cancer cells	Oncogene Regulation, Chittaranjan National Cancer Institute, Kolkata

P-080	Rohit Kumar Varshnaya	Construction of Thiazine and Oxathiane via [3+3] Annulation of Hetero atom Containing Strained ring and 1,4-dithian-2,5diol: Application Towards the Synthesis of Bioactive Molecule	Department of Chemistry, Indian Institute of Technology Ropar, Nangal Road, Rupnagar, Punjab 140001, India
P-081	Samir Kumar Bhunia	Molecular Diversity through Cascade C-H Activation	Organic and Medicinal Chemistry Division, CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata-700032
P-082	Samit Guha	Artificial SNARE Protein Induced Membrane Fusion	Assistant Professor, Department of Chemistry, Jadavpur University
P-083	Samrat Sahu	Transition-Metal-Free Redox-Neutral C3-Alkenylation of Indoles and Pyrroles Using Aldehydes	Indian Institute of Technology Kharagpur, Kharagpur-721302, India
P-084	Sandip Guchhait	Total Synthesis of Reported Structure of Baulamycin A and Its Congeners	Department of Organic Chemistry, IACS, Kolkata 700032 (India)
P-085	Sangita Das	A new solid state emitter selectively detects hydrazine both in solid and solution state with imaging in live cells	Department of Chemistry, Jadavpur University, Kolkata-700032
P-086	Sanju Das	Nickel-Catalyzed α -Alkylation of Ketones and Synthetic Application in Heterocycle Synthesis	Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata Mohanpur-741246, West Bengal, India
P-087	Santigopal Mondal	Organocatalytic Enantioselective Vinylogous Michael-Aldol Cascade for the Synthesis of Spirocyclic Compounds	Organic Chemistry Division, CSIR-National Chemical Laboratory, Pune. Department of Organic Chemistry, Indian Institute of Science, Bangalore-560012
P-088	Santimoy Khilari	Bifunctional $MnFe_2O_4$ /Nitrogen-doped Reduced Graphene Oxide Nanocomposite for Anodic Hydrazine Oxidation and Cathodic Oxygen Reduction	Department of Chemistry, Indian Institute of Technology Ropar, Rupnagar 141001, Punjab. Materials Science Centre, Indian Institute of Technology Kharagpur, Kharagpur 721302, West Bengal

P-089	Sasadhar Majhi	Stigmasterol from the flowers of <i>Peltophorum pterocarpum</i> (DC.) Backer ex K. Heyne (Fabaceae) — Isolation, spectral properties and Quantum chemical studies	Laboratory of Natural Products and Organic Synthesis, Department of Chemistry, Visva-Bharati (a Central University), Santiniketan-731235, West Bengal, India.
P-090	Saswati Gharami	A new coumarin based fluorescent “turn-on” switch for the selective detection of Al ³⁺	Department of Chemistry, Jadavpur University, Kolkata-700032
P-091	Sk. Safikul. Islam	Synthesis of Cyclic Acetals and Cyclic Carbonates under Solvent-Free Conditions by a reusable heterogeneous Mesoporous Zirconium Oxophosphate catalyst	Department of Chemistry, Aliah University, Newtown, Kolkata, West Bengal 700156, India
P-092	Sourav Mal	Some Alternative Methods for the Synthesis of Substituted 2-amino-4H-chromene-3-carbonitrile Derivatives Using a Variety of Catalysts	Department of Chemistry, University of Kalyani, Kalyani-741235, Nadia, West Bengal, India
P-093	Sourav Sekhar Bera	Cp*CoIII-Catalyzed syn-Selective Inter and Intramolecular C-H Hydroarylation of Alkynes Using Benzamides: A Facile Route to Benzofuran and Benzofuranones	Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur-721302, India
P-094	Srabasti Chakrabortya	Iododihydropyrimidones : Potent Anticancer Agents via Apoptotic Pathways	Dept. of Chemistry, Behala College, Kol-60, Dept. of Chemistry, Maulana Azad College, Kol-13, Division of Molecular Medicine, Bose Institute, Kol-54, Dept. of Chemistry, A.B.N. Seal College, Coochbehar, WB-730161
P-095	Subrata Mukherjee	N Heterocyclic Carbene-Catalyzed Enantioselective Synthesis of Tetrahydrobenzo Isochromenones: Functionalization of Benzylic C(sp ³)–H Bonds	Organic Chemistry Division, CSIR-National Chemical Laboratory, Pune ‡Department of Organic Chemistry, Indian Institute of Science, Bangalore-560012

P-096	Asit Ghosh	Strain emanated diverse reactivity of three-membered carbo- and heterocycles for the construction of biologically important molecular architectures	Department of Chemistry, Indian Institute of Technology Ropar, Rupnagar, Punjab
P-097	Surajit Mondal	Selective sensing of Hg ²⁺ with an off-on sensor and its cell imaging study	Department of Applied Chemistry, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand-826004, India
P-098	Surojit Santra	Highly Diastereo- and Enantioselective 1,6-Conjugate Addition of β - Ketoamides to para-Quinone Methides via Non-Covalent NHC-Catalysis	Department of Organic Chemistry, IACS, Kolkata 700032 (India)
P-099	Suvankar Das	Direct access to unnatural amino acids through γ -C(sp ³)-H arylation	Organic and Medicinal Chemistry Division, CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata-700032
P-100	Swarbhanu Ghosh	Porous iron-phosphonate nanomaterial as an efficient catalyst for the CO ₂ fixation at atmospheric pressure and esterification of biomass-derived levulinic acid	Chemistry Department, University of Kalyani, Kalyani, Nadia
P-101	Swarnali Roy	Design and Synthesis of Small Molecule Inhibitors with Toll-Like Receptor 9 Antagonism	Organic and Medicinal Chemistry Division, Cancer Biology and Inflammatory Disorders Division, CSIR-Indian Institute of Chemical Biology, 4 Raja S. C. Mullick Road, Kolkata 700032, WB, India
P-102	Swastik Karmakar	Silver Catalyzed Synthesis of Bisindolylarylmethanes (BIAMs) via Simultaneous Alkyne-Carbonyl Activation	Basirhat College, Basirhat 743412, West Bengal, India. University of Kalyani, Kalyani 741235, West Bengal, India
P-103	Tamal Kanti Das	Base-Free and Catalyst-Free Synthesis of Functionalized Dihydrobenzoxazoles via Vinylogous Carbonate to Carbamate Rearrangement	Organic Chemistry Division, CSIR-National Chemical Laboratory (CSIR-NCL), Dr. Homi Bhabha Road, Pune-411008, India

P-104	Tanmay Mondal	Design and Development of a Novel class of Metal Scavenger Peptides and their Application in Drug Design against Alzheimer's Disease and Related Disorders	Laboratory of Peptide and Amyloid Research, Department of Chemistry, IIT Guwahati, Assam
P-105	Tanmoy Halder	DAIB/TEMPO mediated synthesis of anomeric lactones from anomeric Hydroxides	Department of Applied Chemistry, Indian Institute of Technology (Indian School of Mines), Dhanbad- 826004, Jharkhand, India
P-106	Tanumay Sarkar	Bismuth(III)-Catalyzed Cross Dehydrative Coupling of 2-Naphthols with N-Sulfonylaziridines: Synthesis of Functionalized Benzoindolines and Benzoindoles	Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati 781039, India
P-107	Tapas Ghosha	Donor-Acceptor Porphyrin-Oligo(phenylenevinylene)/Oligothiophene Stars: Hybrid Photovoltaic Materials	University of Würzburg, Institute for Organic Chemistry, Würzburg - 97074, Germany. Sree Chaitanya College, Habra - 743268, North-24 Parganas, West Bengal, India
P-108	Titli Ghosh	Iminium Catalyzed Glycosylation of 2-Deoxy Sugar Lactols	
P-109	Tripta Kumari Vats	Rhodium-Catalyzed sp^2 C-H Acetoxylation of N-Aryl Azaindoles/N-Heteroaryl Indolines "An access to 7-Hydroxy Indole"	Organic and Medicinal Chemistry Division, Indian Institute of Chemical Biology, 4-Raja S. C. Mullick Road, Jadavpur, Kolkata 700032, India
P-110	Trisha Das	Room Temperature Palladium Catalyzed Suzuki Coupling Reaction: Effect of Pore Structure of Solid Support	Integrated Science Education & Research Centre Visva-Bharati, Santiniketan, West Bengal
P-111	Tusar Kanto Dey	Synthesis of disubstitued ureas by carbonylation of nitrobenzene and anilines	Department of Chemistry, University of Kalyani, Kalyani, Nadia, 741235, W.B., India
P-112	Utpal Nath	Organocatalytic Asymmetric [4 + 2] Cycloaddition of 1-Acetylcyclopentene and 1-Acetyl cyclohexene for the Synthesis of Fused Carbocycles	

P-113	Vinod Bhajammanavar	Metal-Free Cross-Coupling of Anilines with SilylEnol Ethers en Route to α -Amino Ketones and Extended Synthesis of Densely Functionalize Indoles	Department of Chemistry, Indian Institute of Technology Madras, Chennai 600036
P-114	Abhijit Paul	Photochemically synthesised Ru nanoparticles with high catalytic activity towards the reduction nitro arenes and regioselective C3-H funtionalization of indoles	Organic Synthesis and Photochemistry Laboratory, Department of Applied Chemistry, Indian Institute of Technology (ISM), Dhanbad–826004, Jharkhand, India
P-115	Aditya Paul	Gold Catalysed cyclization of N-propargylarylamines to 4-Aryl Quinolines	Organic Synthesis and Photochemistry Laboratory, Department of Applied Chemistry, Indian Institute of Technology (ISM), Dhanbad-826004, Jharkhand, India
P-116	Radha Madhab Laha	Pd ^{II} -Catalyzed Oxidative Aldehyde-sp ² C–H Functionalization and Cyclization Using NHC with Mild Oxidant DMSO for the Selective Synthesis of Esters and β -Hydroxy Chromanones	Department of Chemistry, University of Calcutta, 92 A.P.C. Road, Kolkata - 700009, India
P-117	Priyankar Maji	Current trends and challenges of purification and analysis of complex-carbohydrates based nutraceuticals and bioactive compounds from natural resources	Dept. of Chemistry, Indian Institute of Engineering Science and Technology, Shibpur
P-118	S. M. Islam	Direct Oxidative Esterification of Alcohols Catalyzed by a Reusable Silver Nanoparticle Grafted Onto Mesoporous Polymelamine Formaldehyde	Department of Chemistry, University of Kalyani, Kalyani, Nadia, 741235, W.B., India
P-119	Subhomoy Das	Enolate-mediated Stereoselective Michael/Michael, Aldol/Aldol and Aza-Michael/Imino-Aldol Reactions for the Syntheses of Six-membered Carbacycles and Aza-heterocycles	Department of Chemistry, Indian Institute of Technology Kanpur, 208016, UP, India

P-120	Subrata Sardar	Facile synthesis and characterization of beta lactoglobulin-copper nanocomposites having antibacterial applications	Department of Chemistry, Jadavpur University, Kolkata-700032, India
P-121	Nipa Nayek	N-Heterocyclic Carbene Catalyzed Organic Transformations in Droplet Nanoreactor: An Enhanced Activity in Confined Environment	Department of Chemistry, Presidency University, Kolkata 700073, India
P-122	Chandan K. Mahatoa	Solvent Free, Fast and Enantioselective, 4-Michael Additions of Ketones to Nitroolefins by Novel Chiral Organocatalysts	TCGLifesciences Pvt. Ltd., BN 7, Sector V, Salt Lake City, Kolkata-700091, Department of Chemistry, University of Calcutta, 92, A. P. C. Road, Kolkata-700009, India
P-123	Akash Jana	Applications of Manganese Catalyzed (De)Hydrogenation Reactions	Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata
P-124	Ramij R. Mondal	LED light assisted generation of nitrene: unorthodox synthesis of diaziridines with λ^3 -iodine	Department of Chemistry, University of Calcutta, 92 A.P.C. Road, Kolkata - 700009, India
P-125	Amarendra Panda	Carbohydrate to Carbocycles: Total Synthesis of Pentenomycins, Conduritol E and 3-Deoxy-neo-inositol	School Basic Sciences (Chemistry), IIT Bhubaneswar, Arugul, Odisha
P-126	Debnath Chatterjee	Syntheses of orthogonally protected rare amino sugars galactosamine, allosamine and gulosamine	Organic synthesis and photochemistry laboratory Department of Applied Chemistry Indian Institute of Technology (ISM), Dhanbad-826004, Jharkhand, India
P-127	Gargi Dinda	Plant-Mediated Synthesis of Silver Nanoparticles and their Antimicrobial and Catalytic Applications	Department of Food Technology & Biochemical Engineering, Jadavpur University, Kolkata-700032 Department of Chemistry, SreeChaitanya College, Habra-743268

P-128	Garima Tripathi	Crown Ether Peptides and Peptidomimetics: Scaffolds with Prospective Therapeutic Relevance	Department of Chemistry, T. N. B College, Tilka Manjhi Bhagalpur University, Bhagalpur, Bihar-812007, India Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur-208016, U.P., India
P-129	Hasan Parvej	Methionine oxidation reduces thermal stability of bovine beta-lactoglobulin and modulates the routes of amyloid fibril formation	Department of Chemistry, Jadavpur University, Kolkata-700032, India
P-130	Jhimli Sengupta	Synthesis of some organic Schiff bases using carbohydrate as precursors	Department of Chemistry, West Bengal State University, Barasat, Kolkata-700126
P-131	Kallol Mukherjee	An Orchestrated Cyclization Episode of C(sp ²)-H Bonds with Alkynes and Quinones: Access to Spiro-Quinolinones	School of Chemistry, University of Hyderabad, Hyderabad-500046, India
P-132	Rajendra Nath Mitra	NHC catalyzed dual Stetter and Stetter-Michael cascade to naphthoquinone, sugar analogue and isoflavanone	Department of Chemistry, University of Calcutta, 92 A.P.C. Road, Kolkata - 700009, India
P-133	Saikat Kumar Manna	Colorimetric and Ratiometric fluorescent sensors for cationic and anionic species: from supramolecular chemistry to reaction-based mechanisms	Department of Chemistry, Haldia Government College Department of Chemistry, IEST, Shibpur
P-134	Sima Paul	A Rapid Colorimetric and Fluorimetric Selective Sensor for Detecting Biological SO ₂ in Food and Living Cells	Chemistry department, University of Calcutta, Kolkata, India
P-135	Soumya Sundar Mati	Molecular Aggregation leads to Fluorescent Nanorings: Application to Cysteine Sensing and Molecular Logic Gate	Department of Chemistry, Govt. General Degree College, Keshiary Paschim Medinipur 721135, West Bengal

P-136	Sudipto Debnath	Composition-dependent nanoelectronics of amidophenazines: non-volatile RRAM and WORM memory devices	Department of Chemistry, University of Calcutta, 92 A. P. C. Road, Kolkata, 700009, India
P-137	Somrita Mondal	Temperature controlled Synthesis and Surface Functionalization of Size Tunable Bright CdSe QDs and Designing ZnO NW/CdSe QD/L-Cys/Carbon Solar Cell Device Model	Chemistry Department, University of Calcutta, Kolkata Dept. of Chemical Sciences, IISER Mohali
P-138	Debojit Bhattacharjee	Design, Synthesis and Anti-cancer Activities of Garlic-derived Diallyl Disulfide (DADS) and Related Benzyl Analogues	Department of Chemistry, IIT Guwahati, Guwahati-781039, Assam, India
P-139	Deboshikha Bhattacharjee	Nickel ferrite: An Efficient Catalyst for the Synthesis of 4H-pyrans Derivatives and their Biological Evolution	Centre for Advanced Studies in Chemistry, Department of Chemistry, North-Eastern Hill University, Shillong – 793022, India Department of Zoology, North-Eastern Hill University, Shillong – 793022, India
P-140	Shouvik Mitra	Zeolite imidazolate framework-8 (ZIF-8) based mixed matrix membrane for propane/propylene separation	Refining R&D, Reliance Industries Limited, Navi Mumbai
P-141	Saikat Khamarui	λ^3 -Iodine mediated unorthodox synthesis of amides and ketoesters in water	Department of Chemistry, Government General Degree College at Kalna-I, Purba Bardhaman-713405
P-142	Sayan Mukherjee	Magnetic Nanocatalysts in Synthesis of Spiro and Fused Heterocyclic Scaffolds	Department of Chemistry, University of Calcutta, 92, A. P. C. Road, Kolkata-700 009, India
P-143	Soumyadip Basu	Iron Salt Catalyzed Synthesis of (E)-3-(2-Oxo-2-Phenylethylidene)Indolin-2-ones Through Alkyne Carbonyl Metathesis and Their Application Towards Biologically Active Spiro-Oxindolopyrrolizidine Scaffolds in Stereospecific Manner	Department of Chemistry, University of Calcutta, 92 APC Road, Kolkata-700009, India
P-144	Priya Mondal	Fabrication of ionic liquid embedded ZnO nanoparticles: Application on thiol induced 2-Pyridone synthesis with symbiotic catalytic effect	Department of Chemistry, University of Calcutta, 92 APC Road, Kolkata-700009, India
P-145	Subhro Mandal	Heterogeneous catalysts in multicomponent synthesis of diverse heterocycles under solvent free condition	Department of Chemistry, University of Calcutta, 92, Acharya Prafulla Chandra Road, Kolkata-700009

P-146	Prasun Mukherjee	Diastereoselective Synthesis of Structurally and Stereochemically Diversified 2-Oxa-7-azabicyclo[4.1.0]hept-3-enyl Carboxylates and Their Potential Application toward the Synthesis of Functionalized Pyranooxazolone and Pyrrole Derivatives through Skeletal Transformations	Department of Chemistry, University of Calcutta, Kolkata-700009, India
P-147	Reshmi Chatterjee	HERBAL REMEDY TO GYNAECOLOGICAL DISORDERS IN AND AROUND KOLKATA, WEST BENGAL	National Research Institute of Ayurvedic Drug Development, 4-CN Block, Sector V, Bidhannagar, Kolkata- 700 091
P-148	Nayim Sepay	Design and Synthesis of a New Class of 2,4-Thiazolidinone Based Macrocycles Suitable for Fe ³⁺ Sensing	Department of Chemistry, Jadavpur University, Kolkata-700 032, India
P-149	Sukla Ghosh	METAL CATALYZED DIRECT SYNTHESIS OF N-SUBSTITUTED OXAMATES	Department of Chemistry, Women's College, Calcutta, Kolkata-700003 Dept. of Chemistry, University of Calcutta, Kolkata-700009
P-150	Dr. Anirban Kayet	An Ag (I) Catalyzed Highly Efficient Route to Isoindolinones via a Sequential One Pot Indolization/Mannich Lactamization Reaction Sequences	University of Calcutta, 92-APC Road, Kolkata-700009
P-151	Rajesh Bolleddu	Role of Ayurvedic plants in New Drug Discovery Process	National Research Institute of Ayurvedic Drug Development Ministry of AYUSH, CCRAS, Kolkata
P-152	Rijia Khatun	Photophysical studies of poly(9,9-di-(2-ethylhexyl)-9H-fluorene-2,7-vinylene)	Integrated Science Education and Research Centre, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal
P-153	Kingshuk Mahanty	Oxidation Driven Aryl Group Migration: A Versatile Synthetic Route to Substituted Pyrazoles	Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata Mohanpur-741246, West Bengal, India
P-154	Anuradha Mohanty	Glaser-Hay Hetero-Coupling in a Bimetallic Regime: A Ni(II)/Ag(I) Assisted Base, Ligand and Additive Free Route to Selective Unsymmetrical 1,3-diyne	School of Basic Sciences, Indian Institute of Technology Bhubaneswar, Argul, Khurda 752050, Odisha, India
P-155	Tirtha Mandal	Synthesis of carbazole alkaloids using RCM	Department of Organic Chemistry, Indian Association for the Cultivation of Science (IACS) Jadavpur, Kolkata-700032, India
P-156	Boby Samai	Role of Silver Nanocluster in	Department of Chemistry

		Enhanced Photocatalytic Activity of Cerium Oxide Nanoparticle	Jadavpur University, Kolkata-32
P-157	Bidhan Ghosh	Discovery of a new [4+1] annulation reaction with activated phthalides: Synthesis of novel 2-substituted indane-1,3-diones	Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur - 721302, India
P-158	Uday Narayan Guria	Reactive Chemical Probes for Bio-imaging and Detection of Hydrogen Sulfide	Department of Chemistry, Indian Institute of Engineering Science and Technology, Shibpur, Howrah 711103, India
P-159	Syed Samim Ali	Ratiometric Fluorescent Sensors for Organophosphorus Nerve Agent Mimics	Department of Chemistry, Indian Institute of Engineering Science and Technology, Shibpur, Howrah -711103, India
P-160	Subhasis Samai	DMAP-promoted dual cyclization towards metal-free synthesis of fully substituted phthalimides in Water medium	University of Calcutta, 92-APC Road, Kolkata-700009
P-161	Rishanlang Nongkhlaw	Glutathione functionalized superparamagnetic iron-oxide nanoparticle for enhanced Carbon-Oxygen ring formation	Centre for Advanced Studies in Chemistry, North-Eastern Hill University, Shillong-793022, India

ORAL PRESENTATION

OL-01	Sandipan Halder	Synthesis of Non-steroidal Anti-inflammatory Drug Candidates through Asymmetric Hydrovinylation Reactions	Department of Chemistry, Visvesvaraya National Institute of Technology, Nagpur 440010, India; Department of Chemistry and Biochemistry, The Ohio State University, 100 West 18th Avenue Columbus, Ohio 43210, USA
OL-02	Somrita Mondal	Temperature controlled Synthesis and Surface Functionalization of Size Tunable Bright CdSe QDs and Designing ZnO NW/CdSe QD/L-Cys/Carbon Solar Cell Device Model	Dept. of Chemical Sciences, IISER Mohali Chemistry Department, University of Calcutta, Kolkata
OL-03	Subhasis Das	Synthesis of Semiconductor-gold hybrid nanomaterials via Langmuir-Blodgett technique	Department of Chemistry, University of Calcutta
OL-04	Sandipan Halder	Synthesis of Non-steroidal Anti-inflammatory Drug Candidates through Asymmetric Hydrovinylation Reactions	<i>Department of Chemistry, Visvesvaraya National Institute of Technology, Nagpur 440010</i>
OL-05	Sangita Panjal	Environmental effects of pesticides and a small effort towards searching eco-friendly alternatives	Green Chem Laboratories, Shreema Apartment, Belur Math, Howrah – 711202, West Bengal
OL-06			
OL-07			
OL-08			
OL-09			
OL-10			