



# 30<sup>th</sup> ISCB INTERNATIONAL CONFERENCE (ISCBC-2025)

Jointly Organized by:

Indian Society of Chemists & Biologists (ISCB)

Department of Chemistry, University of Lucknow, Lucknow, Uttar Pradesh, India

Date: 27 - 29 January, 2025

Venue: Department of Chemistry, University of Lucknow, Lucknow, Uttar Pradesh, India

E-mail: [iscbconference@gmail.com](mailto:iscbconference@gmail.com) | Website: [www.iscbconference.com](http://www.iscbconference.com)



## SCIENTIFIC PROGRAMME

**Monday, January 27, 2025**

### Registration

Venue: Opposite Chemistry Department

9.00 AM onwards	Registration
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### Inaugural Session

Venue: Malviya Hall

10.00 AM - 11.30 AM	Inaugural Session
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11.30 AM - 12.00 PM	High Tea (Venue: Lawn Opposite Malviya Hall)
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### Session – I

Venue: Malviya Hall

Chairpersons: Prof Anamik Shah and Dr PMS Chauhan

<b>PL-1</b> 12.00 AM - 12.30 PM	<b>Samir Z. Zard</b> Laboratoire de Synthèse Organique, Ecole Polytechnique, Palaiseau, France <b>Radical Alliances. Solutions and Opportunities for Organic Synthesis</b>
<b>PL-2</b> 12.30 PM - 1.00 PM	<b>Mukund S. Chorghade</b> President & Chief Scientific Officer, THINQ Pharma, New Jersey, USA <b>Science Entrepreneurship</b>
<b>1.00 PM - 2.00 PM</b>	<b>Lunch</b> (Venue: Parking Opposite Chemistry Department)

### Parallel Session – II A

Venue: Chemistry Auditorium (S 141)

Chairpersons: Prof Leonid G. Voskressensky and Prof Abbas Ali Mahdi

<b>PL-3</b> 2.00 PM - 2.30 PM	<b>Rui Moreira</b> iMed.Ulisboa, Department of Pharmaceutical Sciences and Medicines, Faculty of Pharmacy, Universidade of Lisboa, Lisboa, Portugal <b>Small-Molecule Probes to Target Cell Death Mechanisms and Tumour Microenvironment</b>
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<b>IL-1</b> 2.30 PM - 2.50 PM	<b>Bapurao B. Shingate</b> Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, India <b>1,2,3-Trizole tethered diversely functionalized heterocyclic compounds as therapeutic agents</b>
<b>IL-2</b> 2.50 PM - 3.10 PM	<b>Sartaj Tabassum</b> Cancer and Bioinorganic Research Lab, Department of Chemistry Aligarh Muslim University, Aligarh, India <b>Metal-based anti-cancer drug entities as potential ROS-generating species embedded on Graphene oxide as drug carrier</b>
<b>IL-3</b> 3.10 PM - 3.30 PM	<b>Indresh Kumar</b> Professor and Head, Department of Chemistry, Birla Institute of Technology & Sciences (BITS) Pilani, Pilani (Rajasthan), India <b>Direct Access to C3-Functionalized Pyrrole</b>
<b>IL-4</b> 3.30 PM - 3.50 PM	<b>Bhumika Patel</b> Assistant Professor, Institute of Pharmacy, Nirma University, Ahmedabad, Gujarat, India <b>Two decades of PARP1 Inhibitors in Cancer Research: Success, Challenges and Roadmap Ahead</b>
<b>IL-5</b> 3.50 PM - 4.10 PM	<b>Ramendra Pratap singh</b> Department of Chemistry, University of Delhi, India <b>Synthesis of new aza-heterocycles from aryl methyl ketone and their antibacterial properties</b>
<b>4.10 PM - 4.20 PM</b>	<b>Tea Lunch</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – II B

Venue: Chemistry Auditorium 2 (S 142)

Chairpersons: Prof Karol Grela and Prof V.K. Sharma

<b>PL-4</b> 2.00 PM - 2.30 PM	<b>K.G. Anoja P. Attanayake</b> Professor in Biochemistry, Department of Biochemistry, Faculty of Medicine, University of Ruhuna, Sri Lanka <b>Harnessing Herbal Products to Combat Early-Stage Diabetes and Prevent Complications</b>
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<b>IL-6</b> 2.30 PM - 2.50 PM	<b>Krishna Nand Singh</b> Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi, India <b>Development of Some New Protocols in Organic Synthesis</b>
<b>IL-7</b> 2.50 PM - 3.10 PM	<b>Hitendra M. Patel</b> Professor, Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India <b>OTBN-1,2,3-triazoles and dihydropyrimido[4,5-b]quinolinones enabling diverse anti-proliferative and anti-invasive activity against glioblastoma cells</b>
<b>IL-8</b> 3.10 PM - 3.30 PM	<b>Dalip Kumar</b> Senior Professor, Department of Chemistry, Associate Dean, International Programmes and Collaboration Division (IPCD), Birla Institute of Technology & Science, Pilani, Pilani Campus, India <b>Denitrogenative annulation of benzotriazole-appended porphyrins for the rapid and efficient synthesis of diverse heterocycle-fused porphyrins</b>
<b>IL-9</b> 3.30 PM - 3.50 PM	<b>Ram Sagar Misra</b> Professor, School of Physical Sciences, Jawaharlal Nehru University (JNU), New Delhi, India <b>Synthesis of Chirally Enriched Pyrazolylpyrimidinone and Imidazopyrimidinones based Glycohybrids via Annulation reactions with Glycals</b>
<b>IL-10</b> 3.50 PM - 4.10 PM	<b>Divya Vohora</b> Professor, Department of Pharmacology, School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi, India <b>Beyond Numbers: The Complex Reality of Metrics</b>
<b>4.10 PM - 4.20 PM</b>	<b>Tea Lunch</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – II C

Venue: Multi Activity Hall

Chairpersons: Prof Sarvesh Paliwal, Prof Sundaram Singh and Dr Narendra Kumar Singh

<b>PL-5</b> 2.00 PM - 2.30 PM	<b>Diwan S Rawat</b> Vice Chancellor, Kumaun University, Nainital, India <b>A ray of hope for Parkinson`s disease treatment: Story of discovery of a clinical candidate</b>
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<b>IL-11</b> 2.30 PM - 2.50 PM	<b>Dhananjay V Mane</b> Professor in Chemistry and Regional Director, Yashwantrao Chavan Maharashtra Open University, Nashik, Maharashtra, India <b>RP-HPLC Stability Indicating Method Development and Validation for Estimation of Rivaroxaban in Active Pharmaceuticals Ingredients</b>
<b>IL-12</b> 2.50 PM - 3.10 PM	<b>Hitesh D. Patel</b> Department of Chemistry, Gujarat University, Ahmedabad, Gujarat, India <b>Medicinal Chemistry as multidisciplinary</b>
<b>IL-13</b> 3.10 PM - 3.30 PM	<b>Deb Ranjan Banerjee</b> Assistant Professor, Department of Chemistry, National Institute of Technology Durgapur, Durgapur, West Bengal, India <b>Towards epigenetic therapeutics of Alzheimer's disease: Discovery of Methyltransferase inhibitor via QSAR screening, <i>in vitro</i> and <i>in vivo</i> analyses</b>
<b>IL-14</b> 3.30 PM - 3.50 PM	<b>Sivapriya Kirubakaran</b> Professor, Indian Institute of Technology - Gandhinagar, Gandhinagar, Gujarat, India <b>Targeting <i>Hp</i> IMPDH to develop efficient drugs for the infection</b>
<b>IL-15</b> 3.50 PM - 4.10 PM	<b>Alok Jain</b> Assistant Professor and Ramalingaswami Fellow, Department of Bioengineering and Biotechnology, Birla Institute of Technology (BIT), Mesra, Ranchi, India <b>Deciphering the Atomistic Mechanism of PKM2 Dimerization: Impact of Post-Translational Modifications and Mutation</b>
<b>4.10 PM - 4.20 PM</b>	<b>Tea</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – III A

Venue: Chemistry Auditorium (S 141)

Chairpersons: Prof Atul Bapodra, Dr Rachna Sadana and Prof Abhinav Kumar

<b>PL-6</b> 4.20 PM - 4.50 PM	<b>Chris Farren</b> Innovation Director, Natara Global Ltd, Hartlepool, United Kingdom <b>The Magic (and Science!) Behind Flavour and Fragrance</b>
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<b>IL-16</b> 4.50 PM - 5.10 PM	<b>Ravindra Vikram Singh</b> Director and Head- India R&D, Technology and Innovation, Sigma-Aldrich Chemicals Pvt. Ltd (Merck KGaA, Darmstadt, Germany), India <b>Driving Innovation Through R&amp;D Strategies: Emerging Therapeutic Modalities and the Future of Medicine</b>
<b>IL-17</b> 5.10 PM - 5.30 PM	<b>Niyati Acharya</b> Department of Pharmacognosy, Institute of Pharmacy, Nirma University, Ahmedabad, India <b>NEUROPROTECTIVE EFFECTS OF MYRICETIN NANOFORMULATIONS</b>
<b>IL-18</b> 5.30 PM - 5.50 PM	<b>John J. George</b> Associate Professor, Department of Bioinformatics, University of North Bengal, Darjeeling, West Bengal, India <b>Identification of novel inhibitors against the endometriosis-associated ovarian cancerous genes: A study based on transcriptomics profiling, docking and molecular dynamics approach</b>

## Parallel Session – III B

Venue: Chemistry Auditorium 2 (S 142)

Chairpersons: Prof Erik Van der Eycken and Prof Abha Bishnoi

<b>PL-7</b> 4.20 PM - 4.50 PM	<b>Virinder S. Parmar</b> Professor, Department of Chemistry and Environmental Science, Medgar Evers College, The City University of New York, Brooklyn, NY, USA <b>Microbes <i>versus</i> the Environment: Environmental Determinants of Antimicrobial Resistance and Tolerance</b>
<b>IL-19</b> 4.50 PM - 5.10 PM	<b>Monalisa Mukherjee</b> Director, Amity Institute of Click Chemistry Research and Studies, Amity University, Noida, Uttar Pradesh, India <b>Biogenic Carbon Quantum Dots as a Neoteric Inducer in the Game of Directing Chondrogenesis</b>
<b>IL-20</b> 5.10 PM - 5.30 PM	<b>Rajeev Sakhuja</b> Department of Chemistry, Birla Institute of Technology and Science, Pilani, India <b>C-H Functionalization of Diazaheterocycles</b>
<b>IL-21</b> 5.30 PM - 5.50 PM	<b>Asha Jain</b> Department of Chemistry, University of Rajasthan, Jaipur, India <b>New Perspectives, Design and Applications Organotin(IV) Complexes</b>





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## Parallel Session – III C

Venue: Multi Activity Hall

Chairpersons: Prof Dipak P. Ramji and Dr Neeraj Kumar Mishra

<b>PL-8</b> 4.20 PM - 4.50 PM	<b>Athina Athanasios Geronikaki</b> Professor, Department of Pharmaceutical Chemistry, Aristotle University, Greece <b>Evaluation of 2-phenylthiazolidin-4-one analogues as inhibitors of the SARS-CoV-2 main protease</b>
<b>IL-22</b> 4.50 PM - 5.10 PM	<b>Brajendra K. Singh</b> Professor, Department of Chemistry, University of Delhi, Delhi, India <b>Introducing New Class of Selenium-Based Pseudohalides for Cross-Coupling Reactions</b>
<b>IL-23</b> 5.10 PM - 5.30 PM	<b>Thirumoorthi Ramalingam</b> Assistant Professor, Department of Chemistry, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, Bandarsindri, Ajmer, Rajasthan, India <b>Podium (Oral) Presentation in Organotin Compounds for Organic Synthesis Utilization of Arylmethyl Radicals for C-X (X = C, N, and O) Bond-Forming Reactions</b>
<b>IL-24</b> 5.30 PM - 5.50 PM	<b>Siddharth Sharma</b> Assistant Professor, Department of Chemistry, Mohanlal Sukhadia University, Udaipur, India <b>Exploring Organic Chemistry of Isocyanide Beyond Conventional Flasks: Our Recent Progress</b>

## Poster Session – I

Venue: Chemistry Department Corridor

Chairpersons: Dr Sergii RUDIUK, Dr Mrunal Ambasana and Dr Pratibha Kumari

5.50 PM – 6.50 PM	Poster Number P-1 to P-60
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## Awadh and Beyond: Uniting Cultures Through Art

Venue: Malviya Hall

7.00 PM – 8.30 PM	Cultural Programme
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8.30 PM	Dinner (Venue: Parking Opposite Chemistry Department)
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**Tuesday, January 28, 2025**

## Registration

Venue: Opposite Chemistry Department

9.00 AM onwards	<b>Registration</b>
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## Parallel Session – IV A

Venue: Chemistry Auditorium (S 141)

Chairpersons: Prof Ramrao A. Mane and Prof Anil Mishra

<b>PL-9</b> 9.00 AM - 9.30 AM	<b>Dipak P. Ramji</b> Deputy Head, Cardiff School of Biosciences, Professor of Cardiovascular Science, Cardiff University, Cardiff, UK <b>Harnessing the potential of natural products in the prevention and treatment of atherosclerotic cardiovascular disease and other inflammatory disorders</b>
<b>IL-25</b> 9.30 AM - 9.50 AM	<b>Manoj Kumar Gupta</b> Assistant Professor, Department of Chemistry, Central University of Haryana, Mahendergarh, Haryana, India <b>Cutting-Edge Applications of Tunable Supramolecular Gels</b>
<b>IL-26</b> 9.50 AM - 10.10 AM	<b>Priyankar Paira</b> Associate Professor, Vellore Institute of Technology, Department of Chemistry, School of Advanced Science, Vellore, Tamilnadu, India <b>Mitochondria Specific Half-Sandwich and Cyclometallated Ru(II)/Ir(III)/Re(I)-Complexes to Unveil the Dynamic Therapy Against Cancer</b>
<b>IL-27</b> 10.10 AM - 10.30 AM	<b>Rinku Chakrabarty</b> Head, Department of Chemistry, Alipurduar University, Alipurduar, West Bengal, India <b>Copper and Zinc Complexes of Quinoline Based Flexible Amide Receptor as Fluorescent Probe for Dihydrogen Phosphate and Hydrogen Sulphate and Their Biological Application</b>
<b>O-1</b> 10.30 AM - 10.40 AM	<b>Nilam Dilip Bhusare</b> Somaiya Institute for Research & Consultancy, Somaiya Vidyavihar University, Vidyavihar (East) Mumbai, India <b>Synthesis, Cytotoxicity Assessment, and Docking Analysis of N<sup>10</sup>-Substituted Acridone Derivatives as Potential Anticancer Agents</b>



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<b>O-2</b> 10.40 AM - 10.50 AM	<b>Pratibha Yadav</b> Centre for Rural Development and Technology, IIT Delhi, Hauz Khas, New Delhi, India <b>Synthesis of neohesperidose and naringenin from naringin</b>
<b>O-3</b> 10.50 AM - 11.00 AM	<b>Asish Bhaumik</b> School of Pharmaceutical Sciences (GIPS-T), Girijananda Chowdhury University (GCU) Tezpur Campus, Dekargaon, Tezpur, Sonitpur, Assam, India <b>DESIGN, SYNTHESIS, MOLECULAR CHARACTERIZATION AND EVALUATION OF <i>IN VIVO</i> ANTITUMOUR ACTIVITY OF NOVEL OXADIAZOLE SCAFFOLDS</b>
<b>11.00 AM - 11.20 AM</b>	<b>High Tea</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – IV B

Venue: Chemistry Auditorium 2 (S 142)

Chairpersons: Dr Mohan Prasad and Dr Vinay Kumar Singh

<b>PL-10</b> 9.00 AM - 9.30 AM	<b>Karol Grela</b> Biological and Chemical Research Centre, Faculty of Chemistry, University of Warsaw, Warsaw, Poland <b>The Guard dies but does not surrender! » Olefin metathesis catalysts for challenging cases in pharmaceutical and target oriented synthesis</b>
<b>IL-28</b> 9.30 AM - 9.50 AM	<b>Nighat Fahmi</b> Department of Chemistry, University of Rajasthan, Jaipur, Rajasthan, India <b>GREEN SYNTHETIC PATHWAYS FOR TRANSITION METAL SCHIFF BASE COMPLEXES: PIONEERING ADVANCES IN SUSTAINABLE COORDINATION CHEMISTRY</b>
<b>IL -29</b> 9.50 AM - 10.10 AM	<b>Pratibha Kumari</b> Associate Professor, Department of Chemistry, Deshbandhu College, University of Delhi, New Delhi, India <b>Synthesis of bio-based metal-organic frameworks for sustainable environment</b>
<b>IL -30</b> 10.10 AM - 10.30 AM	<b>Vikas Tyagi</b> Associate Professor, Department of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala, Punjab, India <b>Green Catalysis for Sustainable Organic Synthesis</b>
<b>O-4</b> 10.30 AM - 10.40 AM	<b>Shital Panchal</b> Department of Pharmacology, Institute of Pharmacy, Nirma University, Ahmedabad, India





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	<b>Evaluation of Protective Effect of C-Phycocyanin against L-Arginine induced Acute Pancreatitis</b>
<b>O-5</b> 10.40 AM - 10.50 AM	<b>Nivedita Acharjee</b> Department of Chemistry, Durgapur Government College, J. N. Avenue, Durgapur, West Bengal, India <b>UNDERSTANDING THE MECHANISM, REACTIVITY AND SELECTIVITY OF GRIGNARD REAGENT MEDIATED [3+2] CYCLOADDITION REACTIONS FROM THE MOLECULAR ELECTRON DENSITY THEORY PERSPECTIVE</b>
<b>O-6</b> 10.50 AM - 11.00 AM	<b>Narendra Dinkar Kharat</b> Department of Chemistry, Birla Institute of Technology & Science, Pilani, Rajasthan, India <b>Iridium-catalyzed Diacylmethylation of Tyrosine and its Peptides with Sulfoxonium Ylides</b>
<b>11.00 AM - 11.20 PM</b>	<b>High Tea</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – IV C

Venue: Multi Activity Hall

Chairpersons: Prof K.G. Anoja P. Attanayake and Dr Shashi Bala

<b>PL-11</b> 9.00 AM - 9.30 AM	<b>Alam Nur-E-Kamal</b> Professor, Department of Biology, Medgar Evers College, The City University of New York, Brooklyn, NY, USA <b>Biology of the Ras GTPases Mediated Signaling in Mammalian Cells: A Potential in Developing Therapy for Cancer</b>
<b>IL-31</b> 9.30 AM - 9.50 AM	<b>Kaivalya Kulkarni</b> Principal Scientist, Emcure Pharmaceuticals Ltd., Pune, India <b>Challenges in the Process development of simple and complex APIs and overview on the chirality control</b>
<b>IL -32</b> 9.50 AM - 10.10 AM	<b>Yashwantsinh Jadeja</b> Associate Professor, Department of Chemistry, Faculty of Science, Marwadi University, Rajkot, Gujarat, India <b>Development of Peptide-Heterocycles Conjugates: Synthesis, Characterization, and Biological Studies</b>
<b>IL -33</b> 10.10 AM - 10.30 AM	<b>Abhishek Singh</b> Junior Group Leader, Freie Universität Berlin, Germany <b>From Molecules to Bio-Materials: The Versatility of Functional Oligo-Glycerol Surfactants</b>



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<b>O-7</b> 10.30 AM - 10.40 AM	<b>Sushma Naharwal</b> Department of Chemistry, Birla Institute of Technology & Science, Pilani, Rajasthan, India <b>Rhodium-Catalyzed Synthesis of Functionalized and Fused N-Arylphthalazinediones with Allyl Alcohols</b>
<b>O-8</b> 10.40 AM - 10.50 AM	<b>Sudakshina Trivedi</b> Department of Chemistry, University of Lucknow, Lucknow, India <b>Potential Applications of Phytofabricated ZnO Nanoparticles</b>
<b>O-9</b> 10.50 AM - 11.00 AM	<b>Dhara Vala Jagmalbhai</b> Center for Research and Development, Dr. Subhash University, Junagadh, Gujarat, India <b>Exploring Bio-Responsive TMP Containing Nitrogen Heterocycles for Urinary Tract Infection Therapy</b>
<b>11.00 AM - 11.20 PM</b>	<b>High Tea</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session - V A

Venue: Chemistry Auditorium (S 141)

Chairpersons: Prof Akash Ved and Prof Vijai Kumar Rai

<b>PL-12</b> 11.20 AM - 11.50 AM	<b>Rachna Sadana</b> Chair, Department of Natural Sciences, Professor of Biology & Biochemistry, University of Houston-Downtown, Houston, USA <b>Arylidene-hydrazinyl-thiazoles as Anticancer and Apoptosis-inducing Agents</b>
<b>IL-34</b> 11.50 AM - 12.10 PM	<b>Ramesh Kothari</b> Professor and Head, Department of Biosciences, Saurashtra University, Rajkot, India <b>Probiotics: The Next Frontier in Health and Wellness</b>
<b>IL-35</b> 12.10 PM - 12.30 PM	<b>Neelima Gupta</b> Department of Chemistry, University of Rajasthan, Jaipur, India <b>Computational Insight to Stereochemical Aspects of Some Synthetically Important Organic Reactions</b>
<b>IL-36</b> 12.30 PM - 12.50 PM	<b>Prachi Singh</b> Assistant Professor, Department of Environmental Sciences, Hindu College, University of Delhi, New Delhi, India <b>Sustainable Approaches to Water Purification: Role of Biochar in Photocatalytic</b>



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	Processes
<b>O-10</b> 12.50 PM - 1.00 PM	<b>Debnath Palit</b> Principal, Durgapur Government College, J. N. Avenue, Durgapur, West Bengal, India <b>IDENTIFICATION OF POLLUTION TOLERANT PLANT SPECIES BY ANALYSIS OF MORPHOLOGICAL AND BIOCHEMICAL PARAMETERS IN THE DURGAPUR INDUSTRIAL REGION</b>
<b>O-11</b> 1.00 PM - 1.10 PM	<b>Nagja Tripathi</b> Dept. of Pharmacognosy, Institute of Pharmacy, Nirma University, Ahmedabad, Gujarat, India <b>Development and Evaluation of Herbal Nano Formulation for Management of Eczema</b>
<b>O-12</b> 1.10 PM - 1.20 PM	<b>Harish Chandra Upadhyay</b> Department of Applied Sciences, Rajkiya Engineering College (Affiliated with Dr. A.P.J. Abdul Kalam Technical University, Lucknow), Churk, Sonbhadra, India <b>Integrating Allopathy with Herba and Phytomolecules: The Miraculous Benefits in Dealing with Multidrug-Resistant Infections</b>
<b>1.20 PM - 2.00 PM</b>	<b>Lunch</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – V B

Venue: Chemistry Auditorium 2 (S 142)

Chairpersons: Dr Keshav Deo and Dr Prakash Chandra Jha

<b>PL-13</b> 11.20 AM - 11.50 AM	<b>Virendra N Pandey</b> Department of Microbiology, Biochemistry and Molecular Genetics, New Jersey Medical School, Rutgers, The State University of New Jersey, USA <b>Fuse Binding Protein 1 interacts with all the naturally occurring tumor suppressor p53 isoforms, making it a novel target for anti-cancer drug design</b>
<b>IL-37</b> 11.50 AM - 12.10 PM	<b>Ravindra Kumar</b> Senior Scientist, Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow, India <b>Desymmetrization Strategy Towards Stereoselective Construction of Alkaloid-Mimicking Polycyclic Scaffolds and Natural Products</b>
<b>IL-38</b> 12.10 PM - 12.30 PM	<b>Lalji Baldaniya</b> Principal, Faculty of Pharmacy, Marwadi University, Rajkot, Gujarat, India <b>OPTIMIZING PHARMACEUTICAL PRODUCTION: ADVANCING EFFICIENCY WITH HOT MELT EXTRUSION FOR CONTINUOUS MANUFACTURING</b>



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<b>IL-39</b> 12.30 PM - 12.50 PM	<b>Farukh Arjmand</b> Department Of Chemistry, Aligarh Muslim University, Aligarh, India <b>Molecular design and synthesis of new copper(II) norcraugsodine complexes and their interaction studies with ct-DNA/tRNA and cytotoxicity profile</b>
<b>O-13</b> 12.50 PM - 1.00 PM	<b>Nilanjan Dey</b> Department of Chemistry, Birla Institute of Technology and Science Pilani, Hyderabad campus, India <b>Hydrogen Bonding-Induced Unique Charge-Transfer Emission from Pyrenylated Terpyridine Derivative: Multifaceted Optical Sensing Applications</b>
<b>O-14</b> 1.10 PM - 1.10 PM	<b>Pranab Pathak</b> Department of Chemistry, School of Science, RK University, Rajkot, India <b>Design and synthesis of novel 1,3,4-oxadiazole based azaspirocycles catalyzed by NaI under mild condition and evaluated their antidiabetic and antibacterial activities</b>
<b>O-15</b> 1.10 PM - 1.20 PM	<b>Dhaneswar Prusty</b> Department of Biochemistry, Central University of Rajasthan, Ajmer, India <b>Discovery of new classes of antimalarial compounds by targeting apicoplast Single-Stranded DNA binding protein of <i>Plasmodium falciparum</i></b>
<b>1.20 PM - 2.00 PM</b>	<b>Lunch</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – V C

Venue: Multi Activity Hall

Chairpersons: Dr Vinay Tripathi and Prof Devdutt Chaturvedi

<b>PL-14</b> 11.20 AM - 11.50 AM	<b>Leonid G. Voskressensky</b> RAS Professor, Full Professor, Dean of the Faculty of Science, Peoples Friendship University of Russia (RUDN University), Moscow, Russia <b>ELECTRON-DEFICIENT ALKYNES - UNIVERSAL SYNTHONS FOR THE PRODUCTION OF CONDENSED AZA-HETEROCYCLIC SYSTEMS WITH SIGNIFICANT BIOACTIVITY</b>
<b>IL-40</b> 11.50 AM - 12.10 PM	<b>Bichismita Sahu</b> Associate Professor and HOD, Department of Medicinal Chemistry, NIPER-Ahmedabad, Gandhinagar, Gujarat, India <b>Investigations of Nucleobases towards development of prospective biomaterials</b>



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<b>IL-41</b> 12.10 PM - 12.30 PM	<b>Naga Prasad Puvvada</b> Associate Professor, Department of Chemistry, School of Advanced Sciences, Vellore Institute of Technology, Guntur, Andhra Pradesh, India <b>Melanoma Immunotherapy by Nanosphere-Vaccine Elicited CD4+ and CD8+ T-Cell Response for Tumor Regression</b>
<b>IL-42</b> 12.30 PM - 12.50 PM	<b>Gyan Prakash Modi</b> Associate Professor, Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (BHU), Varanasi, India <b>Development of novel theranostic agents for Alzheimer's disease</b>
<b>O-16</b> 12.50 PM - 1.00 PM	<b>Afsheen Fatima</b> Research Analyst, Era Medical University, Lucknow, India <b>Discoveries in breast cancer treatment from molecular docking and in vitro studies of Adansonia digitata fruit pulp on the receptor tyrosine-protein kinase erbB-2 (ERBB2)</b>
<b>O-17</b> 1.10 PM - 1.10 PM	<b>Ram Awatar Maurya</b> Applied Organic Chemistry Group, Chemical Sciences & Technology Division, CSIR-North East Institute of Science & Technology (NEIST), Jorhat, India <b>Photo-oxygenation of Furan Tethered <math>\alpha</math>-Azidoketones</b>
<b>O-18</b> 1.10 PM - 1.20 PM	<b>Monika Malik</b> Department of Chemistry, Birla Institute of Technology and Science, Pilani, India <b>A Facile and Regioselective Synthesis of Novel Colchicine Sulfoximine Analogues as Potent Tubulin Inhibitors</b>
<b>1.20 PM - 2.00 PM</b>	<b>Lunch</b> (Venue: Parking Opposite Chemistry Department)

## Parallel Session – VI A

Venue: Chemistry Auditorium (S 141)

Chairpersons: Dr Anil Kumar Dwivedi and Prof Shalini Tripathi

<b>PL-15</b> 2.00 PM - 2.30 PM	<b>Erik Van der Eycken</b> Full Professor, University of Leuven (KU Leuven), Department of Chemistry, Leuven, Belgium <b>Synthesis of small complex heterocycles employing post-Ugi transformations</b>
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<b>IL-43</b> 2.30 PM - 2.50 PM	<b>Sarika Singh</b> Senior Principal Scientist and Professor of Biology (AcSIR), Toxicology & Experimental Medicine Division, CSIR-Central Drug Research Institute, Lucknow, India <b>Ubiquitin E3 ligase Pirh2 in Alzheimer's disease</b>
<b>IL-44</b> 2.50 PM - 3.10 PM	<b>Suresh E. Kurhade</b> Principal Scientist, Medicinal Chemistry (STG), Schrodinger Therapeutics, Hyderabad, Telangana, India <b>In Silico Enabled Discovery of Potent, Selective and Brain-penetrant DLK Inhibitors for the Treatment of Neurodegenerative Diseases</b>
<b>IL-45</b> 3.10 PM - 3.30 PM	<b>Debasish Mandal</b> Assistant Professor, School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala, Punjab, India <b>Computational Evaluation and Design of Novel FGFR Tyrosine Kinase Inhibitors</b>
<b>O-19</b> 3.30 PM - 3.40 PM	<b>Charmy S. Kothari</b> Department of Pharmaceutical Analysis, Institute of Pharmacy, Nirma University, Ahmedabad, Gujarat, India <b>Development and Validation of a Mass-Compatible RP-HPLC Method for Quantification of Berberine Hydrochloride in Plasma</b>
<b>O-20</b> 3.40 PM - 3.50 PM	<b>Nagendra Nath Yadav</b> Department of Chemistry, North Eastern Regional Institute of Science and Technology (NERIST), Nirjuli, Arunachal Pradesh, India <b>A short and efficient Synthesis of Piperidine and Azepane ring from the Ring expansion of Aziridine</b>
<b>O-21</b> 3.50 PM - 4.00 PM	<b>Arvindsinh Bhikhusinh Sisodiya</b> Institute of Science & Technology for Advanced Studies & Research (ISTAR), Vallabh vidyanagar, Anand, India <b>Stability study of Aspirin tablet in crush condition stored in plastic container by using Reverse Phase High Performance Liquid Chromatography</b>
<b>4.00 PM - 4.10 PM</b>	Tea (Venue: Parking Opposite Chemistry Department)

**Parallel Session – VI B**

**Venue:** Chemistry Auditorium 2 (S 142)

**Chairpersons:** Prof Athina Athanasios Geronikaki and Dr Rakesh Shukla



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<b>PL-16</b> 2.00 PM - 2.30 PM	<b>Sergii RUDIUK</b> Associate Professor PSL/ENS, Nanobiosciences and Microsystems, Department of Chemistry, Ecole Normale Supérieure, PSL University, Paris, France <b>Electrostatic interactions in DNA nanotechnology: from folding of DNA origamis to transfection of DNA nanogels</b>
<b>IL-46</b> 2.30 PM - 2.50 PM	<b>Atul Goel</b> Chief Scientist (CSIR) and Professor (AcSIR), Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow, India <b>Functionalized Fluorescent Probes for Diagnostics and Biomedical Applications</b>
<b>IL-47</b> 2.50 PM - 3.10 PM	<b>Deepti Goyal</b> Assistant Professor, Department of Chemistry, DAV College, Chandigarh, India <b>Exploring the Synergistic Potential of Phenol-Triazole Derivatives to Attenuate A<math>\beta</math>/ Cu<sup>2+</sup>-A<math>\beta</math> Aggregation and Reactive Oxygen Species</b>
<b>IL-48</b> 3.10 PM - 3.30 PM	<b>Amit Patwa</b> Associate Professor & Coordinator - Internal Quality Assurance Cell (IQAC), Division of Chemistry, School of Science, Navrachana University, Vadodara, Gujarat, India <b>Longitudinal in vivo cationic contrast-enhanced computed tomography classifies equine articular cartilage injury and repair</b>
<b>O-22</b> 3.30 PM - 3.40 PM	<b>Shiny E.C. Kachhap</b> Department of Zoology, Marwari College, Ranchi, Jharkhand, India <b>In vitro Anti-cancer efficacy of crude and nanoparticle form of chitosan extracted from carapace of freshwater crab <i>Sartoriana spinigera</i> (Wood-Mason, 1871) by MTT assay</b>
<b>O-23</b> 3.40 PM - 3.50 PM	<b>Alpesh G. Bhadarka</b> Department of Industrial Chemistry, Institute of Science and Technology for Advanced Studies and Research (ISTAR), Vallabh Vidyanagar, Anand, India <b>Cyclodextrins Inclusion Complex Formation with Benzimidazole</b>
<b>O-24</b> 3.50 PM - 4.00 PM	<b>Sandeep R. Patil</b> School of Science, Navrachana University Vadodara, Vasna-Bhayli Road, Vadodara, Gujarat, India <b>HYDROCARBON SOLVENT MEDIATED GEL FORMATION IN AQUEOUS NON-IONIC SURFACTANT MIXTURES</b>
<b>4.00 PM - 4.10 PM</b>	<b>Tea</b> (Venue: Parking Opposite Chemistry Department)



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## Parallel Session – VI C

Venue: Multi Activity Hall

Chairpersons: Prof Mukund S. Chorghade and Dr Manisha Shukla

<b>IL-49</b> 2.00 PM - 2.20 PM	<b>Nisheeth C Desai</b> Former Professor & Head, Department of Chemistry, Maharaja Krishnakumarsinhji Bhavnagar University, Bhavnagar, Gujarat, India <b>Perceptions of Scientific Research and Strategies for mapping the Development of Academic Career</b>
<b>IL-50</b> 2.20 PM - 2.40 PM	<b>Bhupesh Goyal</b> Associate Professor, Department of Chemistry & Biochemistry, Thapar Institute of Engineering & Technology (Deemed to be University), Patiala, Punjab, India <b>Targeting hIAPP Fibrillation in Type 2 Diabetes by Rationally Designed Peptide Inhibitors: Insights from Molecular Dynamics and Experimental Studies</b>
<b>IL-51</b> 2.40 PM - 3.00 PM	<b>Surendra Singh</b> Professor, Dept. of Chemistry, University of Delhi, Delhi, India <b>Development of Recoverable Chiral Mn(III) Salen Complexes as Catalysts for Asymmetric Organic Transformations</b>
<b>IL-52</b> 3.00 PM - 3.20 PM	<b>Krunalkumar Ramanlal Mehariya</b> Research and Development Chemist, Natara Global Ltd, Hartlepool, United Kingdom <b>Exploring Flavour and Fragrance Chemistry in the UK Chemical Industry</b>
<b>O-25</b> 3.20 PM - 3.30 PM	<b>Brijesh Kumar Shah</b> School of Science, Navrachana University, Vasna-Bhayli Road, Vadodara, Gujarat, India <b>Synthesis and Characterization of Zirconium Titanium amino tris(methylenephosphonic acid) and Its Application in Separation of Metal Ions</b>
<b>O-26</b> 3.30 PM - 3.40 PM	<b>Rahul Ravichandran</b> Department of Chemistry and Biomolecular Sciences, University of Ottawa, Ottawa, K1N 6N5, Canada <b>Machine Learning-Guided Discovery of Small Molecule Inhibitors of SARS-CoV-2 Spike/Human ACE Interaction</b>
<b>O-27</b> 3.40 PM - 3.50 PM	<b>Neeti Ashokbhai Patel</b> Department of Biochemistry, Parul Institute of Medical Sciences and Research, Limda, Waghodiya, Gujarat, India <b>Evaluation of Diagnostic Efficacy of Anti-Mullerian Hormone in Polycystic Ovarian Syndrome</b>



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<b>O-28</b> 3.50 PM - 4.00 PM	<b>Denni D Mammen</b> Division of Chemistry, School of Science, Navrachana University, Vasana-Bhayli Road, Vadodara, India <b>Aluminium chloride chelation in flavonoid estimation assays: Drawbacks and issues</b>
<b>4.00 PM - 4.10 PM</b>	Tea (Venue: Parking Opposite Chemistry Department)

## Parallel Session – VII A

Venue: Chemistry Auditorium (S 141)

Chairpersons: Prof Monalisa Mukherjee, Prof Meenakshi Singh and Dr Seema Mishra

<b>IL-53</b> 4.10 PM - 4.30 PM	<b>Narender Tadigoppula</b> Medicinal and Process Chemistry Division, Central Drug Research Institute, Lucknow, India <b>Development of Phytopharmaceuticals from the Indian Medicinal Plants</b>
<b>IL-54</b> 4.30 PM - 4.50 PM	<b>Murlidhar S. Shingare</b> Emeritus Scientist, CSIR, Dr. Babasaheb Bhimrao Ambedkar University, Aurangabad, Maharashtra, India <b>Highly efficient synthetic strategies for bioactive heterocyclic molecules</b>
<b>IL-55</b> 4.50 PM - 5.10 PM	<b>Dina Nath Singh</b> Professor, K.S. Saket PG College, Dr. Ram Manohar Lohia Avadh University, Ayodhya, India <b>Current Trends of the Search of New Pharmacologically Active Leads from Medicinal Plants</b>
<b>IL-56</b> 5.10 PM - 5.30 PM	<b>Neeraj Kumar Mishra</b> Associate Professor, Department of Chemistry, Faculty of Science, University of Lucknow, Lucknow, Uttar Pradesh, India <b>Modification and Construction of Late-Stage Drug Candidates via C–H bond Functionalization and Annulation</b>
<b>IL-57</b> 5.30 PM - 5.50 PM	<b>Amerian Chemical Society</b> <b>Abstract Awaited</b>



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<b>O-29</b> 5.50 PM - 6.00 PM	<b>Kushal Pankajkumar Shah</b> Department of Industrial Chemistry, Institute of Science & Technology for Advanced Studies & Research, VallabhVidyanagar, Anand, Gujarat, India <b>An Extensive Analysis Comparing the Non-Steroidal Anti-Inflammatory Drug (NSAID) of Diclofenac Sodium Injection from Branded or Innovator Companies to Generic Companies Drug Products Under Various Stability Conditions</b>
<b>O-30</b> 6.00 PM - 6.10 PM	<b>Ruchika Yogesh</b> Chief Operating Officer, AutoText AI Pvt. Ltd., Dwarka, New Delhi, India <b>Leveraging Artificial Intelligence and Machine Learning Techniques in Pharmaceutical Research and Development</b>
<b>O-31</b> 6.10 PM - 6.20 PM	<b>Priyanka Chaudhary</b> Department of Chemistry, University of Lucknow, Lucknow, India <b>Oxidative Coupling of N-Nitrosoanilines with Substituted Allyl Alcohols under Rhodium (III) Catalysis</b>
<b>O-32</b> 6.20 PM - 6.30 PM	<b>Akrati Sant</b> Department of Chemistry, Isabella Thoburn College, University of Lucknow, India <b>Investigating the Breast Cancer Potential of alkylated 5,7-dihydroxy-2-(4-hydroxyphenyl) chroman-4-one Derivatives: Unveiling In-Silico and In-Vitro Studies</b>

## Parallel Session – VII B

Venue: Chemistry Auditorium 2 (S 142)

Chairpersons: Prof Suhas Vyas, Dr Archana Talwar and Dr Ashok Kumar Singh

<b>IL-58</b> 4.10 PM - 4.30 PM	<b>Sanjeev Kumar Shukla</b> Senior Principal Scientist (CSIR) and Professor (AcSIR), NMR Lab., SAIF&R Division, CSIR-Central Drug Research Institute, Lucknow, India <b>Abstract Awaited</b>
<b>IL-59</b> 4.30 PM - 4.50 PM	<b>Mahesh C. Sharma</b> Director, Plants Med Laboratories Pvt. Ltd., Jaipur, India <b>Toxic Turnaround: The Hidden Goodness of Poisonous Plants</b>
<b>IL-60</b> 4.50 PM - 5.10 PM	<b>Anirban Pradhan</b> Assistant Professor, Department of Chemistry, Birla Institute of Technology (BIT) Mesra, Ranchi, India <b>Metal Free Porous Carbon Materials Based Electrocatalyst for Green Hydrogen Fuel Production</b>





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<b>IL-61</b> 5.10 PM - 5.30 PM	<b>Vijai Kumar Rai</b> Professor, Department of Chemistry, University of Lucknow, Lucknow, India <b>Design of Nanomaterials Towards Visible-Light-Induced Tandem Reactions</b>
<b>IL-62</b> 5.30 PM - 5.50 PM	<b>Amit Rajput</b> Assistant Professor, Department of Chemistry, J. C. Bose University of Science & Technology, Faridabad, Haryana, India <b>Neutral, and monocationic forms of copper complex stabilized by redox-active thioether-appended tridentate o-aminophenol ligand</b>
<b>O-33</b> 5.50 PM - 6.00 PM	<b>Poonam Shukla</b> Veer Kunwar Singh University, Ara, Bhojpur, Bihar, India <b>Heterocyclic Natural Products and their Biological Importance</b>
<b>O-34</b> 6.00 PM - 6.10 PM	<b>Avni Nayyar</b> Department of Chemistry, Isabella Thoburn College, Lucknow, India <b>Enhancing Biocompatibility of Green-Synthesized Nanoparticles through Green Capping Agent</b>
<b>O-35</b> 6.10 PM - 6.20 PM	<b>Anupam</b> Department of Chemistry, University of Lucknow, Lucknow, India <b>Antioxidant Potential of <i>Hibiscus rosa-sinensis</i> Linn: Phenolic and Flavonoid Analysis</b>
<b>O-36</b> 6.20 PM - 6.30 PM	<b>Adhish Kumar Jaiswal</b> Department of Chemistry, University of Lucknow, Lucknow, India <b>Ultrasmall aqueous starch-capped CuS quantum dots with tunable localized surface plasmon resonance and composition for the selective and sensitive detection of mercury (ii) ions</b>

## Parallel Session – VII C

Venue: Multi Activity Hall

Chairpersons: Prof Sonika Bhatia and Dr Adhish Kumar Jaiswal

<b>IL-63</b> 4.10 PM - 4.30 PM	<b>Sundaram Singh</b> Professor and Head, Department of Chemistry, Indian Institute of Technology (BHU), Varanasi, India <b>Photo-triggered Oxidative Coupling of Indole and Active Methylene Compounds using Eosin Y as a Photocatalyst</b>
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<b>IL-64</b> 4.30 PM - 4.50 PM	<b>Shashi Bala</b> Department of Chemistry, University of Lucknow, Lucknow, India <b>Synthesis and fabrication of metal-oxide nanoparticles &amp; nanocomposites and their role in water remediation</b>
<b>IL-65</b> 4.50 PM - 5.10 PM	<b>Mohd Faheem Khan</b> Associate Professor (Chemistry), Department of Biotechnology, Era University, Lucknow, Uttar Pradesh, India <b>Electrochemical &amp; Paper-based Wearable Biosensor for the detection of Key Biomarkers: A Non-Invasive Point-of-Care</b>
<b>IL-66</b> 5.10 PM - 5.30 PM	<b>Sushil Kumar Maurya</b> Associate Professor, Department of Chemistry, University of Lucknow, Lucknow, India <b>Vanadia-Titania Catalyst system for versatile chemical transformation</b>
<b>IL-67</b> 5.30 PM - 5.50 PM	<b>Anuj K Yadav</b> Former Research Associate, University of Illinois Urbana-Champaign, USA <b>Chemical Tools to Study the Role of Inflammation in Cancer Prognosis by Deep Tissue Imaging</b>
<b>O-37</b> 5.50 PM - 6.00 PM	<b>Jeetendra Yuvaraj Salunke</b> Department of Chemistry, School of Science, Navrachana University, Vadodara, India <b>Esterification of Phthalic Anhydride with Butanol using Solid Acid Catalyst under Solvent-Less Condition</b>
<b>O-38</b> 6.00 PM - 6.10 PM	<b>Manish Arya</b> CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow, India <b>Identification and Isolation of Terpenes and Biological Activity</b>
<b>O-39</b> 6.10 PM - 6.20 PM	<b>Saurabh Kumar Singh</b> Department of Chemistry, University of Lucknow, Lucknow, India <b>Synthesis, in vitro and in silico anti-cancer evaluation of Diosgenin-NSAID's conjugates against SiHa cells</b>

## Poster Session – II

Venue: Chemistry Department Corridor

Chairpersons: Dr Krunalkumar Ramanlal Mehariya, Dr Mohd Faheem Khan, Dr Jaybir Singh and Dr Prachi Singh



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6.30 PM – 7.15 PM	<b>Poster Number P-61 to P-110</b>
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## Evening Insights: Engaging Minds Through Workshops and Conversations

Venue: Chemistry Auditorium (S 141)

<b>Workshop</b> 7.15 PM –8.00 PM	<b>From Passion to Profession: Creating Your Own Career Roadmap</b> By Prof Rachna Sadana
<b>Panel Discussion</b> 8:00 PM –8.30 PM	<b>Catalyzing Innovation and Research: Building a Startup Ecosystem to Revolutionize Science and Medicine in India</b>

<b>8.30 PM</b>	<b>Dinner</b> (Venue: Parking Opposite Chemistry Department)
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## Wednesday, January 29, 2025

### Parallel Session – VIII A

Venue: Chemistry Auditorium (S 141)

Chairpersons: Prof Nisheeth C Desai, Dr Jawahar Lal and and Dr Sushil Kumar Maurya

<b>PL-17</b> 9.00 AM - 9.30 AM	<b>Surya Kant</b> Professor and Head, Department of Respiratory Medicine, King George's Medical University, Lucknow, India <b>Abstract Awaited</b>
<b>IL-68</b> 9.30 AM - 9.50 AM	<b>Devdutt Chaturvedi</b> Dean, School of Physical Sciences, Mahatma Gandhi Central University, Motihari (East Champaran), Bihar, India <b>Synthetic Explorations of Triarylphosphine Based Reagents in Syntheses of Biologically Potent Scaffolds</b>
<b>IL-69</b> 9.50 AM - 10.10 AM	<b>Rakesh Kumar Parashar</b> Bio-Organic Lab, Department of Chemistry, University of Delhi, New Delhi, India <b>Synthesis and Evaluation of Novel Heterocyclic Scaffolds as quorum Sensing Inhibitors and Possessing Antimicrobial Activity</b>
<b>IL-70</b> 10.10 AM - 10.30 AM	<b>Hardik G. Bhatt</b> Associate Professor & Head, Dept. of Pharmaceutical Chemistry, Institute of Pharmacy, NIRMA University, Ahmedabad, India <b>Development of Pteridine Derivatives as PI3K/mTOR Dual Inhibitors for the Treatment of Triple Negative Breast Cancer</b>
<b>O-40</b> 10.30 AM - 10.40 AM	<b>Sudheer</b> Department of Chemistry, Faculty of Science, University of Lucknow, Lucknow, India <b>Energy Dynamics and Mechanistic Insights into Corrosion Inhibition Processes in Corrosive Media</b>
<b>O-41</b> 10.30 AM - 10.40 AM	<b>Priyanka Pandey</b> Department of Chemistry, Faculty of Science, University of Lucknow, Lucknow, India <b>Co-crystal formation: thermal and crystal structure analysis for their role in pharmaceutical design</b>
<b>O-42</b> 10.40 AM - 10.50 AM	<b>Nidhi Mishra</b> Indian Institute of Information Technology Allahabad, India <b>In-Silico Exploration of Rutin Derivatives as Potential Inhibitors of Prostate Cancer Signaling Pathways</b>



# 30<sup>th</sup> ISCB INTERNATIONAL CONFERENCE (ISCB-2025)

Jointly Organized by:

Indian Society of Chemists & Biologists (ISCB)

Department of Chemistry, University of Lucknow, Lucknow, Uttar Pradesh, India

Date: 27 - 29 January, 2025

Venue: Department of Chemistry, University of Lucknow, Lucknow, Uttar Pradesh, India

E-mail: [iscbconference@gmail.com](mailto:iscbconference@gmail.com) | Website: [www.iscbconference.com](http://www.iscbconference.com)



## Parallel Session – VIII B

Venue: Chemistry Auditorium 2 (S 142)

Chairpersons: Prof Krishna Nand Singh and Prof R N Singh

<b>PL-18</b> 9.00 AM - 9.30 AM	<b>Anil Kumar Singh</b> Adjunct Professor, Institute of Chemical Technology, Mumbai, India <b>Newer Imperatives and Newer Vistas in Designing and Developing Chemicals and Chemical Products for a Sustainable Future: Challenges and Opportunities</b>
<b>IL-71</b> 9.30 AM - 9.50 AM	<b>Pushendra Kumar Tripathi</b> Director, Institute of Pharmaceutical Sciences, University of Lucknow, Lucknow, India <b>Engineered PAMAM Dendrimer for Delivery of Bio-actives</b>
<b>IL-72</b> 9.50 AM - 10.10 AM	<b>Manaal Zahera</b> Assistant Professor, Department of Biotechnology, Era University, Lucknow, India <b>Role of Bio-Fabrication/Bio-conjugation of Metal Nanoparticles for Novel Therapeutic Approaches</b>
<b>IL-73</b> 10.10 AM - 10.30 AM	<b>Seema Mishra</b> Department of Chemistry, University of Lucknow, Lucknow, India <b>Arsenic fractionation in paddy field soil in relation to physico-chemistry of rhizosphere</b>
<b>O-43</b> 10.30 AM - 10.40 AM	<b>Shruti Anand</b> Department of Chemistry, Isabella Thoburn College, University of Lucknow, Lucknow, Uttar Pradesh, India <b>Green Synthesis and Stabilization of Zinc Oxide Nanoparticles with Bixa orellana Extract</b>

## Parallel Session – VIII C

Venue: Multi Activity Hall

Chairpersons: Prof Mahesh Sharma, Dr Ranjana Dutta and Dr Sangeeta Srivastava

<b>IL-74</b> 9.00 AM - 9.20 AM	<b>Farzana Mahdi</b> Pro Vice Chancellor, Era University, Lucknow, India <b>Personalized Medicine: How Genomics is shaping the Future of Healthcare</b>
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<b>IL-75</b> 9.20 AM - 9.40 AM	<b>Namrata Rastogi</b> Scientist, Medicinal & Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow, India <b>Diazo Umpolung in Hypervalent Iodine Diazo Reagents</b>
<b>IL-76</b> 9.40 AM - 10.00 AM	<b>Manisha Shukla</b> Associate Professor, Department of Chemistry, University of Lucknow, Lucknow, India <b>Assignment of Structural Anomalies in Milk Oligosaccharides and their Interpretation by 2D NMR Experiments</b>
<b>IL-77</b> 10.00 AM - 10.20 AM	<b>Vinod Kumar Vashistha</b> Assistant Professor, Department of Chemistry, University of Lucknow, Lucknow, India <b>Enantioresolution of Chiral Pharmaceuticals via High-Performance Liquid Chromatography</b>
<b>IL-78</b> 10.20 AM - 10.40 AM	<b>Jaybir Singh</b> Assistant Professor, Faculty of Pharmacy, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, India <b>3D Printing of Formulations and Personalize Medicines</b>

## Valedictory Session

Venue: Malviya Hall

<b>11.00 AM – 1.00 PM</b>	<b>Valedictory Session</b>
<b>1.00 PM - 2.00 PM</b>	<b>Lunch</b> Venue: Parking Opposite Chemistry Department

- End of Programme -

PL = Plenary Lecture

IL = Invited Lecture

O = Oral Presentation

P = Poster Presentation