ICACDA-26 Program AT-A-GLANCE
Day1: 24 February 2026 (Tuesday)

Time	Program	Speaker/Guest	Title	Session Chairs
9:00–10:00 am	Registration			
10:00–10:40 am	Inaugural Session			
10:40–11:00 am	Tea Break			
11:00–1:00 pm (Technical Session 1)				
11:00–11:40 am	Prof. Ayyappanpillai Ajayaghosh *SRM Institute, Chennai*		Photoresponsive Supramolecular Systems for Thermoresponsive Smart Windows	Prof. Manoj Kumar Prof. Paramjit Kaur
11:40–12:20 pm	Prof. Nobuo Kimizuka *Kyushu University, Japan*		Maximizing the Power of Self-Assembly for Advanced Triplet–Triplet Annihilation Upconversion	
12:20–12:50 pm	Prof. Saptarshi Mukherjee *IISER BHOPAL*		Intracellular Sub degree Temperature Sensing and Dynamics by Thermoresponsive Silver Nanoclusters as Molecular Probes	
12:50–01:20 pm	Prof. Amitava Das *IISER Kolkata*		Supramolecular Integration of N-capped Short Peptides for Multivalent Molecular Recognition and Therapeutic Applications	
LUNCH (01:20 pm to 02:00 pm)				
02:00–02:30 pm (Technical Session 2)				
02:00–02:30 pm	Prof. Kanwarpal Singh Suri *Aerospace Professional, Los Angeles, USA*		Discussion on relation of aerospace with chemistry	Prof. Palwinder Singh
02:30–03:50 pm (Technical Session 3)				Prof. T. S. Lobana Prof. Sumanjit Kaur
02:30–03:00 pm	Prof. Theramani C. Nagaiah *IIT, Ropar*		Designing greener energy conversion system for a sustainable future	
03:00–03:30 pm	Prof. D. B. Ramachary *University of Hyderabad*		Constructing Chiral Molecules via Low-loading Organocatalysis	
03:30–03:40 pm	OP1	Ambika Kumar *Bhagalpur National College, Bihar*	Photocatalytic Pathways for the Remediation of Persistent Organic Pollutants	
03:40–03:50 pm	OP2	Ashish Kumar Soni *Lovely Professional University, Phagwara,*	Decoding Thermoluminescence through First-Principles Modelling: Defect Chemistry and Emission Mechanisms in $CaSO_4$: Dy, LiF-Based Phosphors and Optically Stimulated Luminescence (OSL) dosimeters.	
TEA BREAK (03:50 pm to 04:15 pm)				

04:15–06:25 pm (Technical Session 4)				
04:15–04:45 pm	Prof. Jayamurugan Govindasamy INST Mohali		Functional Organic Materials: From Molecular Design to Broad Applications	Prof. Amitava Das Prof. Alberto Bianco
04:45–05:15 pm	Prof. Sanjay Singh *IISER Mohali*		Phosphazane Based Macrocycles: From Molecular Design to Tunable Properties	
05:15–05:45 pm	Prof. Ekambaram Balaraman *IISER Tirupati*		Advancing Sustainable Chemical Production via Dehydrogenation Catalysis	
05:45–05:55 pm	OP3	Dr. Arun Sharma *GNDU Amritsar*	Photon-Primed Organic Electrosynthesis Enabled by Oxidation of Photon-Induced Intermediates	
05:55–06:05 pm	OP4	Kanica Sharma *GNDU Amritsar*	Shape-Controlled Preparation of Ternary Ag@AgClxBr1-x Nanocomposites in Mixed Micelle Aqueous System with Enhanced Photocatalytic Efficiency For Water Remediation	
06:05–06:15 pm	OP5	Bhupesh Kumar *GNDU Amritsar*	Synthesis, Characterization and Biological Evaluation of Biguanide based Cobalt(III) Complexes Containing Substituted Benzoates	
06:15–06:25 pm	OP6	Dr. Durgesh Nandni *KRM DAV College, Nakodar*	Sustainable development in Surfactant Chemistry	

Day 2: 25 February 2026 (Wednesday)

9:30–11:00 am (Technical Session 5)				
Time	**Program**	**Speaker/Guest**	**Title**	**Session Chairs**
9:30–10:00 am	Prof. Alberto Bianco *University of Strasbourg, France*		Carbon Nanomaterials for Biomedical Innovation	Prof. Ayyappanpillai Ajayaghosh Prof. Debabrata Patra
10:00–10:30 am	Prof. Durga Prasad Hari *IISc, Bangalore*		Radical-Polar Crossover for Molecular Remodelling	
10:30–11:00 am	Prof. Nilmoni Sarkar *IIT Kharagpur*		Understanding The Self-Assembly of Biological Building Block Molecules and Their Potential Applications	
TEA BREAK (11:00 am to 11:30 am)			**Poster Session 11:00 am onwards**	
11:30–1:00 pm (Technical Session 6)				
11:30–12:00 pm	Prof. Anil Kumar *BITS Pilani, Pilani*		Dehydrogenative C–H/X–H Annulation under Transition-Metal Catalysis: Efficient Access to Polyheterocyclic Frameworks	
12:00–12:30 pm	Prof Debabrata Patra *INST, Mohali*		Active Fluidics: Translating Molecular Activity into Macroscopic Motion	

12:30–12:40 pm	OP7	Jagpreet Singh Sidhu *BITS-Pilani, Pilani*	Acetylcholine Structure-Inspired Synthetic Fluorescent Substrate for Rapid and Selective Detection of AChE and BChE	Prof. Sanjay Singh Prof. Nilmoni Sarkar
12:40–12:50 pm	OP8	Dr. Amilan Jose *NIT Kurukshetra, Haryana*	Photoactivatable Ruthenium–Nitrosyl Nanocarriers for Controlled Nitric Oxide Delivery in Cancer Therapy	
12:50–01:00 pm	OP9	Dr. Meenal Kataria *GNDU Amritsar*	Stereochemical Control of Molecular Packing in IT-Based Organic Semiconductors	
LUNCH (01:00 pm to 02:00 pm)				
2:00–3:30 pm (Technical Session 7)				
02:00–02:30 pm	Prof. Anindya Datta *Director, INST, Mohali*		Rational design of molecules and experiments to unravel the intertwined interactions in fluorogens	Prof. Geeta Hundal Prof. B. S. Randhawa
02:30–03:00 pm	Prof. Rajneesh Misra *IIT Indore*		Mechanochromism, Peizochromism and Room Temperature Phosphorescence in Isomeric Phenothiazines	
03:00–03:10 pm	OP 10	Monika Dhiman *Chitkara University Punjab*	Implementation of the Extended McAllister Interaction Model for Predicting the Density and Ultrasonic velocity of advanced solvents at Different Temperatures	
03:10–03:20 pm	OP-11	Mukesh Kumar *Sahu Jain College, Najibabad, Bijnor*	Asymmetric Synthesis of Tricyclic Chromanes *via* Organocatalyzed Quadruple Domino Sequence	
03:20–03:30 pm	OP-12	Dr. Neha Aggarwal *Gandhi Memorial National College, Haryana*	Thermodynamic Stability of Ionic Liquids for Green Chemistry Applications	
TEA BREAK (3:30 pm to 4:00 pm)				
04:00–5:00 pm (Technical Session 8)				
04:00–04:30 pm	Prof. Nitin T. Patil IISER Bhopal		Enantioselective Gold Redox Catalysis	Prof. Saptarshi Mukherjee Prof. Ekambaram Balaraman
04:30–05:00 pm	Prof. P. VENKATESU *University of Delhi, Delhi*		Sustainable Solvents for Pharmaceutics: Role of Ionic Liquids/ Deep Eutectic solvents in Pharmaceutical Formulations	

Day 3: 26 February 2026 (Thursday)

Time	Program	Speaker/Guest	Title	Session Chair
9:30–11:00 am (Technical Session 9)				
9:30–10:00 am	Prof. ARVIND KUMAR *CSMCRI, Bhavnagar*		Salt and Marine Chemicals Technologies: Current status, Bottlenecks and improved processes	Prof. Rajneesh Misra Prof. Jayamurugan Govindasamy
10:00–10:30 am	Prof. Dillip K Satapathy IIT, Madras		Bioinspired Soft Actuators and Flexible Thermoelectrics for Wearable and Adaptive Technologies	
10:30–10:40 am	OP-13	Priya Mahajan GNDU Amritsar	In silico studies for designing new ZSTK-474 derivatives	
10:40–10:50 am	OP-14	Prabhjot Singh Akal University, Bathinda	Systems Chemistry of Molecular Self-Assembly: From Equilibrium Order to Nonequilibrium Dynamics	
10:50–11:00 am	OP-15	Sandeep Kumar Akal University Bathinda	Interface-Controlled Charge Dynamics in Biogenic Ag@g-C_3N_4 for Rapid Reduction of Nitroaromatics and X-Ray Shielding	
TEA BREAK (11:00 am to 11:30 am)				
11:30–12:50 pm (Technical Session 10)				
11:30–12:00 pm	Prof. Gokulnath Sabapathi *IISER thiravanthrum*		Carbazole Embedded Macrocyclic Systems with Multifaceted Properties	Prof. S. S. Chimni
12:00–12:10 pm	OP-16	Rupinder Preet Kaur GNDU College Verka, Amritsar	Elucidating Antibacterial activity of 3-(Pyridine-3-yl)-2-Oxazolidinone derivatives through QSAR and Molecular Docking Approaches	
12:10–12:20 pm	OP-17	RUHI MEHTA Multani Mal Modi College, Patiala	Smartphone-assisted sensing and quantification of Fe^{3+} by perimidine derivative	
12:20–12:30 pm	OP-18	SHEETAL *GNDU Amritsar*	From Complexity to Chirality: Solvent-Driven Chirality Modulation and Morphological Transitions in Hierarchical Co-Assemblies	
12:30–12:40 pm	OP-19	TULSI PAWAR *LPU, Phagwara*	BioMOF: A Biomolecule-Derived Metal-Organic Framework	
12:40–12:50 pm	OP-20	VISHAKHA THAKUR *GNDU Amritsar*	Modified Benzothiazole-Naphthalimide Based Fluorescent Hybrids for Picomolar Detection of Picric Acid in water and visualization of latent fingerprinting	
LUNCH (12:50 pm to 02:00 pm)				
2:00–4:00 pm	Valedictory Function			