PROGRAM SCHEDULE

37th CRSI-NSC & CRSI-ACS Lecture Series

MLS Hall, IACS Kolkata

July 2-4, 2026

JULY 2 (DAY-1)		
8.30-9.30	Registration	
INAUGURAL SESSION		
9.30-9.35	Address by the Convener, CRSI-NSC-37	
9.35-9.45	Address by the Director, IACS	
9.45-9.47	Remarks by Prof. Rao (read by Secretary General, CRSI)	
9.47-9.52	Address by the Secretary General, CRSI	
9.52-10.02	Address by the Director, ACS India	
10:02-10.07	Address by the President, SACI	
10.07-10.37	Presidential Address	
10.37-11.30	**Photo Session & High Tea**	
SESSION-1 (Chair: G. K. Lahiri & Prasanta K. Das)		
11.30-12.00	**Murthy S. Gudipati** *CRSI Medal (NRI) Lecture*	Chemistry in and of Water Ice: Applications from Astrophysics to Origin of Life
12.00-12.30	**Sébastien Lecommandoux** *CRSI-ACS Lecture-1*	Biomimetic Polymer Vesicles for Drug-Delivery and Artificial Cells
12.30-12.40	**Sabuj Kundu** *BM-1*	Selective Functionalization using Methanol
12.40-12.50	**Sathish M** *BM-2*	Surface Engineering of Porous Nanocarbons for High-Performance Symmetric and Hybrid Supercapacitors
12.50-13.00	**Aloke Das** *BM-3*	From Sequence to Function: β-Turn Peptides as a Platform for Bioelectronic Materials
13.00-14.00	**Lunch**	
14.00-16.00	**Poster Session and Small-Scale Chemistry Experiment Demonstration**	
SESSION-2	**Chair: Vibha Tandon & Pradyut Ghosh**	
16.00-16.30	**Nikoletta B. Báthori** *Special Lecture by the President, SACI*	Structural Diversity in the Solid State: Polymorphism and Crystal Engineering of Baclofen
16.30-16.50	**S. Velmathi** *A.V. Rama Rao Prize for Women Lecture-1*	Seeing the Invisible: Smart Optical Probes in Action

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16.50-17.10	**Alakesh Bisai** *C.N.R. Rao National Prize Lecture*	Biomimetic Total Synthesis of Biologically Relevant Natural Products
17.10-17.20	**Ajay Venugopal** *BM-4*	Hythane
17.20-17.40	**Uttam Ghorai** *CRSI-ACES Early Career Award Lecture*	Magnetic Field Modulation of Electrocatalytic Nitrite Reduction to Ammonia: Insights into Orbital Coupling and Magnetohydrodynamic Effects
SESSION-3		
17.40-18.40	C&EN Session Organized by the ACS	
JULY 3 (DAY-2)		
SESSION-4 Chair: S. Sivaram & Ruchi Anand		
9.30-10.00	**Erick Carreira** *CRSI-ACS Lecture-2*	Advances in Complex Molecule Synthesis: Methods Development and Strategic Implementation
10.00-10.20	**Bimlesh Lochab** *A.V. Rama Rao Prize for Women Lecture-2*	Rational Design Strategies for Greener and Healable Polybenzoxazine Thermosets
10.20-10.30	**Rajarshi Samanta** *BM-5*	Reimagining Reactivity: Diazoquinone-Driven Transformations
10.30-10.40	**Chandi Charan Malakar** *BM-6*	Electrochemical Cascade Cyclization and Desulfurization Strategies: Unified Metal Free Access to Benzoxazines, Quinazolines, and Benzimidazoles with Mechanistic Insights from DFT Calculations
10.40-10.50	**Arunabha Thakur** *BM-7*	Efficient and Controlled Singlet Oxygen Generation from Micellar Nanoaggregates of Organic Photoswitchable Amphiphile
10.50-11.00	**Rupam Dinda** *BM-8*	Metal-Based Theranostic Agents: Cytotoxicity and Internalization in Cells
11.00-11.30	**Tea**	
SESSION-5 Chair: Samaresh Bhattacharya & Kana M. Sureshan		
11.30-12.00	**Daya Shankar Pandey** *SM-1*	Electro- and Photocatalytic CO_2 to CO Conversion by Dipyrrin-Based Complexes
12.00-12.20	**Jayanta Haldar** *CRSI-ACS Lecture-3*	Targeting the Cell Envelope: A Versatile Antibacterial Strategy
12.20-12.40	**Durba Sengupta**	A Molecular View of Lipid Self Assemblies

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	Charusita Chakraborty Memorial Award Lecture	
12.40-12.50	**Debapratim Das** *BM-9*	Supramolecular Chemical Ligation (SCL): Synthesis of Functional Protein from Peptide Fragments
12.50-13.00	**Pankaj Chauhan** *BM-10*	Organocatalytic Asymmetric Synthesis of Medium-Sized Bridged Biaryls
13.00-13.10	**Ramendra Sundar Dey** *BM-11*	Emerging Nanomaterials in Interfacial Electrochemistry: Pathways to a Sustainable Future
13.10-14.00	Lunch Break	
14.00-16.00	**Poster Session and Small-Scale Chemistry Experiment Demonstration**	
SESSION-6	**Chair: V. Chandrasekhar (President, CRSI)**	
16.10-16.50	**S. R. Gadre** *Gold Medal Lecture*	Our Story of Indigenous Development of Quantum Chemical Methods and Codes
16.50-17.30	Presentation of CRSI Medals	
17.30-18.30	CRSI General Body meeting	
19.30-21.30	**Conference Dinner**	
JULY 4 (DAY-3)		
SESSION-7	**Chair: S. Ramakrishnan & Arindam Banerjee**	
9.30-10.00	**Mary Chan-Park** *CRSI-ACS Lecture-4*	Advances in Cationic Polymers for Antimicrobial and RNA applications
10.00-10.20	**Durga Prasad Hari** *CRSI-ACS Lecture-5*	Radical-Polar Crossover for Molecular Remodelling
10.20-10.30	**Bhaskar Biswas** *IL-1*	MOFs As Self-Sacrificial Precursors for the Development of Emerging Electrocatalysts Towards a Sustainable Energy Economy
10.30-10.45	**G. Padmanabhan** *Platinum Sponsor (Asian Paints) Lecture*	Microstructure of Emulsion Polymers
10.45-11.15	**Tea**	
SESSION-8	**Chair: B. C. Ranu & Tarun K. Mandal**	
11.15-11.45	**Sankar P. Rath** *SM-2*	Diheme Enzyme MauG: Understanding Nature's Design and Cooperative Catalysis
11.45-11.55	**Samit Guha** *IL-2*	De Novo Design and Engineering of Target-Specific Multimodal Imaging Contrast Agents

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11.55-12.05	**Harapriya Rath** *IL-3*	Innovation and Advancement in Contracted and Isomeric π-(non)Conjugated Heterocyclic Macrocycles
SESSION-9	**Chair: Subrata Ghosh & Satrajit Adhikari**	
12.05-12.15	**Nanda Dulal Paul** *IL-4*	Stabilizing Organic Radicals via Metal-Ligand Cooperativity for Selective Catalytic Transformations
12.15-12.25	**Pranab Sarkar** *IL-5*	Computational Design of an Efficient Photocatalyst for N_2 Fixation Reaction
12.25-12.35	**Swati De** *IL-6*	Modulating Entrapment and Release in Next - Generation Vesicles – Beyond the Traditional Liposomes
12.35-12.45	**Mijanur Rahaman Molla** *IL-7*	Multifunctional Dynamic Covalent Poly(disulfide)s by Amine Activated Ring Opening Polymerization of 1,2 Dithiolane in a Cascade Fashion and Organocatalyzed Pendant Modification
SESSION-10		
12.45-13.10	Poster Prize Distribution	
13.10-13.15	38th CRSI Meeting Venue Announcement by Professor M. Sankar	
13.15-13.25	Concluding remarks by the Secretary CRSI	
13.25-13.30	Vote of thanks by the Convener, CRSI-NSC-37	
Lunch and Departure		

SM-Silver Medal; *BM*-Bronze Medal; *IL*-Invited Lecture