

FARC 2026 : 8-10 June 2026 (Auditorium, North Campus, IIT Mandi)

Time	Day 1: 8 June, 2026	
8:00-9:00	Registration	
9:00- 9:30	Inauguration (Lamp Lighting, Welcome Address (FARC Chair; School Chair & Director IITM)) (Moderators: Garima Agrawal & Narayan Sinha)	
Session1	Talk	Session Chair: Pradeep C Parameswaran
9:30-9:55	Talk 1 Jim Thomas	Title: Metal complexes as super-resolution microscopy cell probes, phototherapeutics and antimicrobials
9:55-10:20	Talk 2 Anunay Samanta	Title: Charge Carrier Dynamics in Perovskite Nanocrystals
10:20 – 10:45	Talk 3 Amitava Das	Title: Supramolecular Integration of N-Capped Peptides for Multivalent Recognition and Precision Therapeutics
10:45-11:10	Talk 4 Swapn K Pati	Title: Computational Modeling of Molecules and Materials for Applications in Energy Conversion and Storage
11:10- 11:30	High Tea (Foyer)	
Session2	Talk	Session Chair: Venkata Krishnan
11:30-11:55	Talk 5 Hitesh Handa	Title: From Bench Innovation to Clinical Impact: Nitric Oxide-Releasing Device Coatings
11:55-12:20	Talk 6 PC Ravikumar	Title: Synthetic Strategies using C-C and C-H bond Functionalization
12:20-12:45	Talk 7 Prabal Banerjee	Title: Electrochemical Generation of Ketyl Radical Anions: Synthetic Utilization in the Construction of Diverse Cyclic and Acyclic Scaffolds
12:45-13:05	Sponsor 1	ATOS
13:05-14:30	Lunch; (Fountain Area)	
Session3	Talk	Session Chair: Prem Felix Siril
14:30-14:55	Talk 8 Sanjit Koner	Title: New Insight into Bistable Hofmann-Type frameworks: Kinetic Trapping and THz response
14:55-15:20	Talk 9 Tomohiro Ogawa	Title: New insights into photoactive earth-abundant Fe(II) complexes
15:20-15:45	Talk 10 Saptarshi Mukherjee	Title: Intracellular Subdegree Temperature Sensing and Dynamics by Thermoresponsive Silver Nanoclusters as Molecular Probes
15:45- 16:10	Talk 11 Sudip Malik	Title: Aryl-Substituted Buta-1,3-Diene as Luminescent Core for Monomers and Copolymers: Design, Synthesis and Applications
16:10-16:30	High Tea (Foyer)	
Session4	Talk	Session Chair: Garima Agrawal
16:30-16:55	Talk 12 Debashis Adhikari	Title: Redox Active Ligands in Homogeneous Catalysis
16:55-17:20	Talk 13 Laura Zanetti	Title: Probes and Tracers – An Advanced Microscopy Perspective
17:20-17:45	Talk 14 Debapratim Das	Title: Breaking the equilibrium to secure information
17:45-19:30	Poster Presentation (Chair: Narayan Sinha & Garima Agrawal)	
19:30-22:00	Dinner	

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Day 2: 9 June, 2026		
Time	Talk	Session Chair: Moupriya Das
Session5	Talk 15 Stanley Botchway	Title: Time resolved imaging of DNA labelling probe towards chromosome structural characterisation
9:00 -9:25	Talk 16 Anindya Datta	Title: Exciton dynamics in semiconductor nanocrystals: from curiosity to applications
9:25 -9:50	Talk 17 Sanjay Puri	Title: Phase Separation in Active Mixtures
9:50-10:15	Talk 18 Biswarup Pathak	Title: Graph Neural Network for High-Throughput Screening of Nanocluster Electrocatalysis
10:15-10:40	High Tea (Foyer)	
10:40-11:00	Talk	Session Chair: Abhishek Dewanji
Session6	Talk 19 Ralf Eichhorn	Title: An artificial motor protein that walks along a DNA track
11:00-11:25	Talk 20 Santanu Pal	Title: Discotic Liquid Crystals as Self-assembled Molecular Semiconductors for Nanoscale Organic Electronics
11:25-11:50	Talk 21 Prasun Mandal	Title: Single Particle Spectroscopic and Ultrafast Dynamical Exploration of Quantum Dots and Perovskite Nanocrystals
11:50-12:15	Talk 22 Asish Pal	Title: Photoswitch tethered Peptide to Dictate the Fate of Supramolecular Polymerization
12:15-12:40	Sponsor 2	Sci Finder
12:40-12:50	Sponsor 3	RSC
12:50-13:00	Lunch (Fountain Area)	
13:00-14:30	Talk	Session Chair: Narayan Sinha
Session7	Talk 23 Artur Stefankiewicz	Title: Toward Adaptive Systems: Amino Acid-Based Self-Assembled Nanostructures
14:30-14:55	Talk 24 Srabanti Ghosh	Title: Powering Solar Fuels with Next-Generation Semiconductor Heterostructures: Trends, Breakthroughs, and Mechanisms
14:55-15:20	Talk 25 Aasheesh Srivastava	Title: Enzyme-Assisted Preparation of Organic Nanoparticles for Bioanalyte Detection and Photothermal Therapy
15:20-15:45	Talk 26 Bijay Tripathi	Title: Stimuli-Responsive Microgels and Hydrogels: From Switchable Microreactors to Tunable Permeation and Atmospheric Water Harvesting
15:45- 16:10	High Tea (Foyer)	
16:10-16:30	Talk	Session Chair: Indu Bala
Session8	Talk 27 Elena V. Ushakova	Title: Chiral Carbon Dots and Their Bioconjugates: Synthesis and Optical Properties
16:30-16:55	Talk 28 Debabrata Mukherjee	Title: σ -Bond Activation by Stable Azomethine Ylides
16:55-17:20	Talk 29 Yashveer Singh	Title: Hydrogels/ gels and nanomaterials for biomedical applications
17:20-17:45	Poster Presentation (Chair: Narayan Sinha & Garima Agrawal)	
17:45-19:30	Gala Dinner	
19:30-22:00		

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Day 3: 10 June, 2026		
Session 9	Talk	Session Chair: Aditi Halder
9:00 -9:25	Talk 30 Mostofa Ataur Rohman	Title: Expanding self-healing dyes towards the blue-green spectral region via modular linkers
9:25 -9:50	Talk 31 Kuljeet Kaur	Title: Swelling-activated phenomenon: From thin polymer films to bulk polymer materials
9:50-10:15	Talk 32 Md. LH Choudhury	Title: Designing Sustainable Methods for the Synthesis and Functionalization of Small Molecules
10:15-10:40	Talk 33 Vandana Bhalla	Title: Chiral/Achiral Assemblies: Understanding the Regulation of Self-Assembly
10:40-11:00	High Tea (Foyer)	
Session 10	Talk	Session Chair: Subrata Ghosh
11:00-11:25	Talk 34 Subi George	Title: Bio-inspired, Non-Covalent Synthesis of Precision Supramolecular Polymers
11:25-11:50	Talk 35 Akkattu T. Biju	Title: N-Heterocyclic Carbene-Catalyzed Synthesis of C-N, C-O and N-N Axially Chiral Molecules
11:50-12:15	Talk 36 Pratik Sen	Title: Protein Stability and Activity in Alternate Media: An Unified explanation through Associated Water Stabilization Mechanism (AWSM)
12:15-12:40	Talk 37 Virendra V. Singh	Title: Metal Organic Frameworks and their hybrid for Advanced Chemical Defence Applications
12:40-12:50	Sponsor 4	Merck
12:50-13:00	Sponsor 5	Bruker
13:00-14:30	Lunch; (Fountain Area)	
Session 11	Talk	Session Chair: Abhimanew Dhir
14:30-14:55	Talk 38 Ramananda Maity	Title: Iridium (III) NHC Complexes: Selective C–H Bond Activation and Asymmetric Catalysis
14:55-15:20	Talk 39 Tasneem Parvin	Title: Green and Step-Economic Synthesis of Bioactive Hybrid Heterocycles
15:20-15:45	Talk 40 Hema K.	Title: Balancing Molecular Freedom: Confinement and Constraints in Supramolecular Materials Design
15:45-15:55	Award Distribution	
15:55-16:00	Closing Remarks &Vote of Thanks (FARC Chair)	