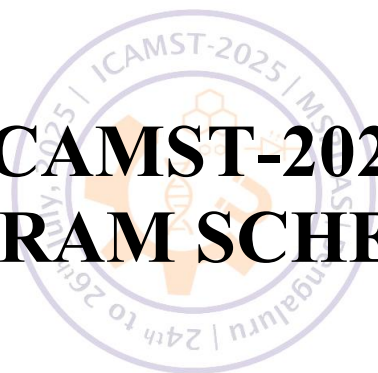


ICAMST-2025 PROGRAM SCHEDULE



Conference theme code	
Biomaterials, Bioengineering and Food Technology	BBFT
Computational Techniques	COMT
Electroceramic, Smart and High Temperature Materials and Application	ESHT
Materials for Energy Conversion and Storage	MECS
Nano and Structural Materials for Sustainable Developments	NSMS
Semiconductor Devices and Display Materials	SDDM

Plenary Lecture	PL
Keynote Lecture	KL
Invited Lecture	IL
Oral Lecture	OL
Poster Presentation	PP

Day 1 - 24/07/2025 - Thursday

			Session 1	Session 2	Session 3
8:00 AM	9:15 AM	08:00-09:15	Registration Location: A-Block Atrium		
9:30 AM	10:15 AM	09:30-10:15	Inauguration Venue: A-206/A-205/A-204		
10:15 AM	11:00 AM	10:15-11:00	PL-1 (45 min) A Chemist’s Perspective on Nanomaterials Synthesis: Our Efforts Towards Bridging the Gap between Laboratory and Market Dr. B.L.V. Prasad		
11:00 AM	11:15 AM	11:00-11:15	Tea / Coffee break		
Parallel Session			Location: A206 Session Chair: Prof. Gurumurthy Hegde	Location: A205 Session Chair: Prof. Tatiana Duque Martins	
11:15 AM	11:30 AM	11:15-12:45	KL-07 Breaking Barriers: Synergistic Interactions of Pt and Pd Single Atoms with Semiconductors for Maximized Photocatalytic Hydrogen Generation Prof. Sasanka Deka	OL-42 Devipriya Vasudevan	
11:30 AM	11:45 AM			OL-43 Jasline Joseph	
11:45 AM	12:00 PM			OL-44 M K Akhila	
12:00 PM	12:15 PM		KL-06 Molecular Engineering of Discotic Liquid Crystals towards the Application in Organic Electronic Devices Prof. A. S. Achalkumar	OL-45 Geethanjali Bijoy	
12:15 PM	12:30 PM			OL-46 Prakash Punj	
12:30 PM	12:45 PM			OL-47 Mansi Thorat	
12:45 PM	1:30 PM	12:45-01:30	Lunch break / Lab Visit		

1:30 PM - 2:15 PM			PL-2 (45 min) Probing and Tailoring Topological Band Structures: Unlocking New Frontiers in Quantum and Energy Materials Prof. Akio Kimura			
Parallel Session			Location: A206 Session Chair: Prof. Ravikumar		Location: A205 Session Chair: Prof. Gurumurthy Hegde	
2:15 PM-2:45 PM		02:15-03:00	IL-05 Perspectives in Nanoparticle Synthesis: Use of Optical Processing for Tuning Materials Properties for Different Applications Prof. Suresh D. Kulkarni		KL-05 Fluorescence Lifetime Imaging Microscopy (FLIM) Applied to Energy Transfer in Luminescent Peptides Nanostructures: An Intellectual Property Perspective Prof. Tatiana Duque Martins Ertner de Almeida	
2:45 PM	3:00 PM		OL-39 Sujoy Saha			
3:00 PM	3:15 PM	03:00-03:15	Tea / Coffee break (Poster session starts)			
Parallel Session			Location: A206 Session Chair: Prof. Balaram Sahoo		Location: A205 Session Chair: Prof. Sasanka Deka	
			Location: A204 Session Chair: Dr. Gajjala Sumana			
3:15 PM	3:30 PM	03:15-04:15	OL-01 Intivenuka Mohana Rao		OL-23 Sarvesh Kumar	
3:30 PM	3:45 PM		OL-02 Yogita Gendre		OL-24 Hemavathi M.	
3:45 PM	4:00 PM		OL-03 Basavaraja K		OL-25 Akshay Gandigawad	
4:00 PM	4:15 PM		OL-04 Swati Gahlot		OL-26 Chob Singh	
4:15 PM onwards			Poster Session 1 NSMS: PP-01 to PP-31 MECS: PP-32 to PP-56 SDDM: PP-57 to PP-66 ESHT: PP-67 to PP-73			

Day 2 - 25/07/2025 - Friday

			Session 1	Session 2	Session 3
9:00 AM	9:45 AM	09:00-09:45	PL-3 (45 min) Transformation of Abundant Clays to Transparent and Flexible Composite Solid Electrolytes for Rechargeable Batteries Prof. Vijayamohanan K. Pillai		
Parallel Session			Location: A206 Session Chair: Dr. P.A. Joy		Location: A205 Session Chair: Dr. Gajjala Sumana
9:45 AM	10:00 AM	09:45-11:00	KL-01 Predictive Models and Simulations of Materials using Quantum Physics and Machine Learning Prof. Umesh Waghmare		OL-52 Arigela Sai Vamsi
10:00 AM	10:15 AM				OL-53 Harshitha Gowda Banglore Hanumanthe
10:15 AM	10:30 AM				OL-54 Dominic Augustine
10:30 AM	10:45 AM		IL-06 A Solid-State Intermediate Temperature Rechargeable Sodium Oxygen Battery Prof. Ravikumar. T		OL-55 Farhat Afsar
10:45 AM	11:00 AM				OL-56 Niharika N and Mukul Saini
11:00 AM	11:15 AM	11:00-11:15	Tea / Coffee break		
Parallel Session			Location: A206 Session Chair: Dr. Balaram Sahoo		Location: A205 Session Chair: Prof. Vijayamohanan Pillai
11:15 AM	11:30 AM	11:30-13:00	OL-05 Nagasuresh Enjamuri	KL-08 Influence of Light on Shape Anisotropic Materials Prof. Gurumurthy Hegde	KL-02 3D Bioprinting for Tissue Repair and Regeneration Prof. Kaushik Chatterjee
11:30 AM	11:45 AM		OL-06 H. M. Shashanka		
11:45 AM	12:00 PM		OL-08 K S Ashadevi		
12:00 PM	12:15 PM		OL-09 Anish Gore	OL-27 Giddaerappa	OL-57 Prabhu Vivek Ashok
12:15 PM	12:30 PM		OL-18 Ayushi Soni	OL-28 J. K Adithya	OL-58 Sanil Narayanan
12:30 PM	12:45 PM		OL-11	OL-29	OL-59

			<i>Shrithi, Balasubramanian Kandasubramanian</i>	<i>P. Vipin Kumar</i>	<i>Saranya Srinivasan</i>
12:45 PM	1:30 PM	12:45-01:30	Lunch break / Lab Visit		
Parallel Session			Location: A206 Session Chair: Prof. Gurumurthy	Location: A205 Session Chair: Prof. Akio Kimura	Location: A204 Session Chair: Prof. Harikrishna
1:30 PM	1:45 PM	01:30-03:00	KL-03 Transition Metal Oxides and Chalcogenides for Photocatalysis and Chemical Sensing <i>Prof. Fei Yan</i>	KL-09 Chiral Science <i>Prof. Katsuya INOUE</i>	OL-60 <i>Snehal Chavan</i>
1:45 PM	2:00 PM				OL-61 <i>Venkatesha Narayanaswamy</i>
2:00 PM	2:15 PM				OL-62 <i>Amrutha Rao</i>
2:15 PM	2:30 PM		IL-02 Green synthesis of Metal Oxide Nanoparticles for Development of New Organic Transformations <i>Ramesh B. Dateer</i>	OL-37 <i>Kiran R</i>	OL-63 <i>Harish Madival</i>
2:30 PM	2:45 PM			OL-38 <i>Priyanka. V. Ganji</i>	OL-64 <i>Sarah Barfe</i>
2:45 PM	3:00 PM			OL-12 <i>Prasad N Dhone</i>	OL-13 <i>Harshal Kalaskara</i>
3:00 PM	3:15 PM	03:00-03:15	Tea / Coffee break (Poster session starts)		
Parallel Session			Location: A206 Session Chair: Dr. P.A.Joy	Location: A205 Session Chair:Prof. Ravikumar	Location: A204 Session Chair: Prof. Ramesh B. Dateer
3:15 PM	3:30 PM	03:15-04:15	OL-14 <i>Pratyush Bagaria</i>	OL-30 <i>Mopuri Vijaya Shiny</i>	OL-40 <i>Anjana G</i>
3:30 PM	3:45 PM		OL-15 <i>Shatakshi Joshi</i>	OL-31 <i>Naveen S Reddy</i>	OL-41 <i>Digvijay Narayan Singh</i>
3:45 PM	4:00 PM		OL-16 <i>Roshith K R</i>	OL-32 <i>Nilesh Chougala</i>	OL-66 <i>Mangala Shenoy K</i>
4:00 PM	4:15 PM		OL-17 <i>Priya Chandra</i>	OL-33 <i>Homen Lahan</i>	OL-67 <i>Kritika Tripathi</i>
4:15 PM onwards			Poster Session 2 NSMS: PP-74 to PP-119 COMT: PP-120 to PP-142		
7:00 PM	8:30 PM	19:00-20:30	Conference Dinner		

Day 3 - 26/07/2025 - Saturday

			Session 1	Session 2	Session 3
9:00 AM	9:45 AM	09:00-09:45	PL-04 (45 min) Skyrmions based True Random Number Generation in a Heavy Metal/Ferromagnet System Prof. P. S. Anil Kumar		
Parallel Session			Location: A206 Session Chair: Dr. Dheepa Srinivasan	Location: A205 Session Chair: Prof.	
9:45 AM	10:00 AM	09:45-11:00	KL-10 Graphene oxide for corrosion protection of iron surface Prof. Balaram Sahoo	OL-34 Ajeesh KS	
10:00 AM	10:15 AM			OL-35 Usharani S R	
10:15 AM	10:30 AM			OL-36 CM Harish	
10:30 AM	10:45 AM		IL-04 Advances in Thermo-Catalytic Fixation of Carbon Dioxide (CO ₂) into Value-added Products: Enabling a Low-Carbon Economy and Sustainable Energy Solutions Prof. Arvind H. Jadhav	OL-68 Aaisha Bhura	
10:45 AM	11:00 AM			OL-69 Hrishikesh K R	
11:00 AM	11:15 AM	11:00-11:15	Tea / Coffee break		
Parallel Session			Location: A206 Session Chair: Dr. Dheepa Srinivasan	Location: A205 Session Chair: Prof. Arvind H. Jadhav	
11:15 AM	11:30 AM	11:30-13:00	KL-11 Liquid Crystal Based Biosensors for the Bacterial Infectious Diseases Dr. Gajjala Sumana	OL-70 Gaurav Jadhav	
11:30 AM	11:45 AM			OL-10 Vijaylakshmi Dayal	
11:45 AM	12:00 PM			OL-19 Kajol Taiwade	
12:00 PM	12:15 PM		KL-04 Materials for Aero Engines: Recent Innovations and Challenges Shri. L N Raghavendra	OL-20 Roopashree B	
12:15 PM	12:30 PM			OL-21 Kathyayani D	
12:30 PM	12:45 PM			OL-22 Jalaja K	
12:45 PM	1:30 PM	12:45-01:30	Lunch break / Lab Visit		

Parallel Session			Location: A206 Session Chair: Dr. P.A. Joy	Location: A205 Session Chair: Prof. Ravikumar	Location: A204 Session Chair: Prof. Ramesh B. Dateer
1:30 PM	2:00 PM	01:30-02:15	KL-12 New Alloy Development for Hybrid Additive Manufacturing for Turbine Components <i>Dr. Dheepa Srinivasan</i>	IL-01 Carbon-Coated Nanoparticles Derived from Pyrolysis of Transition Metal Acetylacetonates for Catalytic 4-Nitrophenol Reduction <i>Dr. Rajeev Kumar</i>	IL-04 Enhanced Thermal Interface Properties in Silicone Rubber Nanocomposites via Non-Covalently Functionalized Graphene-CNT Hybrids <i>T. Niranjana Prabhu</i>
2:00 PM	2:15 PM			Springer Nature	PANalytical
2:15 PM	3:00 PM	02:15-03:00	Panel Discussion		
3:00 PM	3:15 PM	03:00-03:15	Tea / Coffee break		
3:15 PM	3:45 PM	03:15-03:45	Valedictory Function		