



**MANIPAL UNIVERSITY
JAIPUR**



**Anusandhan
National
Research
Foundation**

International Conference on Advanced Sustainable Technologies (ICAST-2026)

19th - 21st August 2026

Venue: Smt. Sharada Pai Auditorium, AB-2, Manipal University Jaipur

Inaugural Schedule (19th August 2026)

S. No	Time Duration	Activity/Remark	Venue
1	9:30 am Onwards	Registrations Open	Outside Smt. Sharada Pai Auditorium
2	10:20-10:25 am	Opening Remarks and Formal stage program	Smt. Sharada Pai Auditorium
3	10:25-10:30 am	Lighting of Lamp	Smt. Sharada Pai Auditorium
4	10:30-10:35 am	Address by Conference Chair	Smt. Sharada Pai Auditorium
5	10:35-10:40 am	Felicitation	Smt. Sharada Pai Auditorium
6	10:40-10:45 am	Release of Abstract Book	Smt. Sharada Pai Auditorium
7	10:45-10:55 am	Presidential Address	Smt. Sharada Pai Auditorium
8	10:55-11:15 am	Address by Chief Guest Shri V. Srinivas	Smt. Sharada Pai Auditorium
9	11:15-11:35 am	Address by Guest of Honour	Smt. Sharada Pai Auditorium
10	11:35-11:40 am	Vote of Thanks	Smt. Sharada Pai Auditorium
11	11:40-11:50 am	Group Photograph	Smt. Sharada Pai Auditorium

ICAST-2026 Technical Program

Venue: Smt. Sharada Pai Auditorium

Day 1 – 19 th August 2026 (Wednesday) – Conference Sessions	
Time (IST)	Event / Speaker
	<i>Session 1: Convener Invites Session Chair -Introduction by Session Chair</i>
12:00 pm-12:45pm	Plenary Talk Circular and Smart Carbon Management: From Carbon Emissions to Carbon Valorisation for the Energy Transition Prof. G.D. Yadav President of Indian Chemical Society and former VC, ICT Mumbai
12:45 pm-1:15pm	Keynote Talk 1 Innovation and Policy Synergies for Sustainable Technologies: ICC's Vision for a Greener Chemical Future Mr. Dinesh Chopra Chairman ICC-Industry Academia committee
1:15pm – 2:00 pm	Lunch Break
Venue: TSB Seminar Hall, Floor:2, Dome Building	
2:00 pm	<i>Session 2: Convener Invites Session Chair -Introduction by Session Chair</i>
2:00 pm-2:30pm	Keynote Talk 2 Can We Make Blue Skies Green?: Decarbonizing aviation with eSAF Dr. R Prasad Baledgedde Ramachandran (Online) Sr. Project Manager CBR Sustainability Partners, Germany
2:30 pm-2:50 pm	Invited Talk 1 Emerging Contaminants and SDGs: a special context to Plastics in daily life Dr. Garima Kaushik Central University of Rajasthan
2:50 pm-3:10 pm	Invited Talk 2 Sustainable Innovation Through Sustainable Chemistry: Key Characteristics, Critical Thinking, and Early Assessment Dr. Dorota Bartkowiak (Online) International Sustainable Chemistry Collaborative Centre (ISC₃)
3:10 pm-3:30 pm	Invited Talk 3 Bio-Derived Quantum Materials: A Sustainable Approach to Renewable Energy Applications Dr. T Pandiyarajan IIITD, Kurnool
3:30 pm-3:40 pm	Contributory talk: Abstract ID: 043
3:40 pm-3:50 pm	Contributory talk: Abstract ID: 047
3:50 pm-4:00 pm	Contributory talk: Abstract ID: 038
4:00 pm-4:10 pm	Contributory talk: Abstract ID: 041
4:10 pm-4:30 pm	TEA Break
4:30 pm-4:40 pm	Contributory talk: Abstract ID: 008
4:40 pm-4:50 pm	Contributory talk: Abstract ID: 051
4:50 pm-5:00 pm	Contributory talk: Abstract ID: 037
5: 00 PM	END of DAY 1

Venue: TSB Seminar Hall, Floor:2, Dome Building

Day 2 — 20 th August 2026 (Thursday) — Conference Sessions	
Time (IST)	Event / Speaker
10:00 am	Convener invites session chair
10:00 am – 10:30 am	Keynote Talk: 3 Sustainable technologies and life cycle management in pharmaceutical and chemical industries Dr. Chirag Patel <i>General Manager, PI Industries</i>
10:30 am-11:00 am	TEA Break
11:00 am	Convener invites session chair
11:00 am-11:30 am	Keynote Talk 4 (Online) Green Hydrogen by Electrolysis: Basic Insights and Future Perspectives Prof. S. Vasudevan <i>CSIR-Central Electrochemical Research Institute, Karaikudi</i>
11:30 am-11:50 am	Invited Talk 4 Developing Sustainable Aviation Fuel Through Advanced Hydro processing Technologies: From Research to Refinery Implementation Vinay Amte <i>Research and Technology - Refining, Reliance Industries</i>
11:50 am-12:10 pm	Invited Talk 5 (online) Advancing Safe and Sustainable Energy Systems through Physics-Based Computational Modelling: Applications in Hydrogen Technologies. Dr Chandra M Rao Vendra <i>University of Hertfordshire</i>
11:50 am-12:10 pm	Invited Talk 6 Agro-Waste to Functional Materials: Enabling Circular Economy and Sustainable Resource Recovery Prof. Jagpreet Singh (online) <i>Rayat Bahra University, Mohali, Punjab, India</i>
12:30 pm-12:40pm	Contributory talk: Abstract ID: 003 and 009
12:40 pm-12:50 pm	Contributory talk: Abstract ID: 052 and 013
12:50 pm-1:00 pm	Contributory talk: Abstract ID: 066 and 067
1:00pm–2:00pm	Lunch
2:00 pm	Convener invites session chair
2:00 pm-2:30 pm	Keynote Talk: 5 Advances in Sustainable Technologies Mr. Vasant T. Jagtap Patil <i>Vice President – Process & Tech. Sales, Xytel India Pvt. Ltd</i>
2:30 pm-2:50 pm	Invited Talk 7 Employing Chemical Engineering to Recycle Batteries for a Sustainable Value Chain Dr. Sulalit Bandopadhyay (Online) <i>NTNU, Norway</i>
2:50 pm-3:10 pm	Invited Talk 8 PFAS in Refrigerant Aerosols: Detection, Precaution, and Global Student-Led Monitoring Frame Dr. Jeekesh Arora <i>Inch Enviro Tech Pvt. Ltd.</i>

3:10 pm-3:30 pm	Invited Talk 9 Flexible Conducting Polymer Nanocomposite Sensors for Room-Temperature Ammonia Detection Dr. Kamlendra Awasthi <i>MNIT Jaipur</i>
3:30 pm-3:50 pm	Invited Talk 10 Biomass-derived carbon bioelectrode from coconut husk for energy storage applications Dr. Vivekanand <i>MNIT Jaipur</i>
3:50 pm-4:10 pm	Invited talk 11 Harnessing Mycochitinases for the Biocatalytic Transformation of Coastal Residual Biomass into Value-Added Bioactives Dr. Nidhi Pareek <i>Central University of Rajasthan</i>
4:10 pm-4:30 pm	TEA
4:30 pm-4:40 pm	Contributory talk: Abstract ID: 050
4:40 pm-4:50 pm	Contributory talk: Abstract ID: 073
4:50 pm-5:00 pm	Contributory talk: Abstract ID: 043
5:00 pm-5:10 pm	Contributory talk: Abstract ID: 039
5:10 pm-5:20 pm	Contributory talk: Abstract ID: 015
5:20 pm-5:30 pm	Contributory talk: Abstract ID: 077
	End of Day 2

Day 3 — 21 st August 2026 (Friday) — Conference Sessions	
Time (IST)	Event / Speaker
10:00 am	Convener invites session chair
10:00 -10:30 am	Keynote Talk 6 Energy Transition in the Oil and Gas Sector: Strategies for Sustainable Future Dr. Chiranjeevi Thota <i>BPCL RSD</i>
10:30-10:50 am	Invited Talk 12 (Online) From Viscose to Lyocell: Enabling Sustainable Regenerated Cellulose Fibers Dr. Aakash Sharma <i>KAUST, Saudi Arabia</i>
10:50-11:00 am	Contributory talk: Abstract ID: 036
11:00-11:10 am	Contributory talk: Abstract ID: 071
11:10-11:20 am	Contributory talk: Abstract ID:040
11:20-11:30 am	Contributory talk: Abstract ID: 014
11:30-11:40 am	Contributory talk: Abstract ID: 062
11:40-11:50 am	Contributory talk: Abstract ID: 064
11:50-12:00 pm	Contributory talk: Abstract ID: 086
12:00 pm -12:10 pm	Contributory talk: Abstract ID: 087
12:10 pm -12:20 pm	Contributory talk: Abstract ID: 058
12:20 pm -12:30 pm	Contributory talk: Abstract ID: 092
(TBD)	Valedictory Ceremony and Prize distribution
	Conference Ends!

