

ICERSC 2026 Schedule - 9th April 2026 (Day 1)

		Inaugural Session (Venue: TTJ Auditorium)				
Time (IST)	Time (IST)	Session Type	Speaker	Title		
8:30	9:30	Registration				
9:30	10:10	Inauguration				
		Chair	Prof. Brajesh Dubey and Prof. Kaustubha Mohanty			
10:10	10:40	Plenary 1	Prof. Jules van Lier	Increasing sustainability in wastewater treatment: the role and potentials of anaerobic digestion		
10:45	11:15	Plenary 2	Dr. Dmitriy Kuvshinov	Biogas-to-Biomethane Conversion: Advancing Sustainable Energy and Reducing Greenhouse Gas Emissions		
11:20	11:45	HIGH TEA				
		Chair	Prof. Ajay Kalamdhad and Dr. Mauro Rinaldi			
11:45	12:15	Plenary 3	Prof. Babu Alappat	Assessment of waste-to-energy incineration plants		
12:20	12:50	Plenary 4	Prof. Piet N L Lens	Innovative Technologies for Biocommodities, Biomanufacturing and a Sustainable Bioeconomy		
12:55	14:00	LUNCH				
			Parallel Session 1 (Venue: HALL 3)		Parallel Session 2 (Venue: HALL 2)	
Time (IST)	Time (IST)	Session Type	Speaker	Title	Speaker	Title
		Chair	Prof. Jules van Lier		Dr. Dmitriy Kuvshinov	
14:00	14:25	Key note 1 & 2	Prof. Ligy Philip	Energy positive wastewater treatment system with nutrient recovery	Prof. Kaustubha Mohanty	Catalytic and non-catalytic co-pyrolysis of algae with dairy sludge: Ex-situ fed batch process for bio-oil production

14:30	14:55	Key note 3 & 4	Prof. Prabu Vairakannu	Thermo-chemical valorization of healthcare waste: CO ₂ pyrolysis of medical waste via plasma and recovery of critical minerals by extractive metallurgical processes	Dr. Praveena Gangadharan	Innovative Approaches and Technologies for Next-Generation Sanitation
15:00	15:25	Key note 5 & 6	Dr. Zeynep Cetecioglu Gurol*	Volatile Fatty Acids as Precursors for Biorefineries	Dr. Ambika S	Beyond Filtration: The Dawn of Multifunctional Hybrid Membranes in Water Treatment, and Resource Recovery
15:25	15:50	HIGH TEA				
		Chair	Prof. Babu Alappat		Prof. Piet N L Lens	
15:50	16:15	Key note 7 & 8	Dr. Jatin Agarwal	Lab to Fab: Role of Tridiagonal Solutions to scale up technologies to various Technology Readiness Level	Prof. Xinmin Zhan*	Integrating Anaerobic Digestion into Sustainable Livestock Farming: Environmental and Economic Considerations
16:20	18:00	Oral & Poster presentations				

*Online presentations

ICERSC 2026 Schedule - 10th April 2026 (Day 2)

		Parallel Session 1 (Venue: HALL 1)			Parallel Session 2 (Venue: HALL 2)	
Time (IST)	Time (IST)	Session Type	Speaker	Title	Speaker	Title
		Chair	Prof. Abhishek Sharma		Prof. Sankar Ganesh Palani	
9:30	10:00	Plenary 4 & 5	Dr. Mauro Rinaldi	Engineering Synthetic Organelles for Sustainable Biomanufacturing and Resource Recovery	Prof. Brajesh K Dubey	Integrating Circular Engineering Principles in Resource Management to Support the United Nations Sustainable Development Goals
10:05	10:35	Plenary 6 & 7	Prof. Ramaraj Boopathy*	Advances in lignocellulosic Ethanol Production	Prof. Ajay Kalamdhad	Waste to Energy (WtE): A comprehensive study on biogas in India
10:40	11:10	Oral & Poster presentations				
11:10	11:35	HIGH TEA				
		Chair	Dr. Vivekanand		Dr. Abhishek Singhal	
11:35	12:00	Key note 11 & 12	Prof. Sankar Ganesh Palani	Sustaining methanogenesis under high organic loading: Insights on metabolic transition and microbial volatility	Prof. Abhishek Sharma	Resource Recovery from Bio-Solids and Agro-Residue via Pilot-Scale Thermal Process: Product Distribution, Compositional Evolution, and Feasibility Assessment
12:05	12:30	Key note 13 & 14	Dr. Venkatesh T	Scale-up and Life cycle assessment studies of bio-based products for energy and resource recovery: From lab concept to pilot-scale realities	Dr. Khalid Muzamil Gani	Integrated liquid and solid waste treatment in satellite and off grid communities
12:30	13:00	Oral & Poster presentations				
13:00	14:00	LUNCH				

		Chair	Dr. Khalid Muzamil Gani		Dr. Venkatesh T	
14:00	14:25	Key note 15 & 16	Dr. Vivekanand V	Solid-state anaerobic digestion of agricultural residues and its concurrent treatment to enhance methanogenesis	Dr. Abhishek Singhal	Different Pretreatment approaches to produce high-quality solid biofuels from low-grade biomass for thermochemical applications
14:30	14:50	Key note 17 & 18	Dr. Chanatip Samart*	Valorization of biomass lignin toward valuable chemicals	Dr. Andrew Ross*	Opportunities for conversion of wet wastes by Hydrothermal Carbonisation (HTC)
14:50	15:10	Invited talk	Dr. Naresh Kumar Garg	Radiation Hygienisation of Municipal Sewage Sludge And Its Application In Agriculture: A Way Forward For Urban Waste Management	Industrial Waste Management Association	
15:10	15:30	Invited talk	Toshvin Analytical		Wattifi Research	
15:30	15:55	HIGH TEA				
15:55	16:15	Invited talk	Elixir Technologies			
16:15	17:00	Valedictory				

*Online presentations