

## KEY SPEAKERS



**Mahesh Panchagnula**  
IIT Madras



**Sarma V. Pisupati**  
Penn State



**Samrat Deka**  
SRD Industries



**Satyanarayanan S**  
IIT Madras



**Ashok Sethuraman**  
Accredited Energy Auditor



**Devendra Deshmukh**  
IIT Indore



**Mani Bhushan**  
IIT Bombay



**Naran Pindoriya**  
IIT Gandhinagar



**Ranajit Mondal**  
IIT Hyderabad



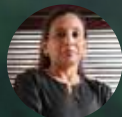
**Sadhan Mahapatra**  
Tezpur University



**Shirin Kujur**  
TVS Motor Company



**Subrata Chakrabarti**  
ISRO



**Tarak Mondal**  
IIT Ropar



**R. Anandalakshmi**  
IIT Guwahati

## REGISTRATION FEES

Indian Student: ₹ 4,000  
Indian Delegate: ₹ 6,500  
Corresponding Author: ₹ 6,500  
Non-Corresponding Author: ₹ 4,000  
Foreign Delegate: 150 USD  
Online Participation: ₹ 2,000

**An additional fee of ₹1500 for in-person and ₹1000 for online registration will apply after May 15, 2025.**

The registration fee includes 18% GST. Accommodation at Institute's Guesthouse and Hostels is available for a fee. **Limited Accommodation**

## IMPORTANT DATES

Abstract Submission Deadline	May 15, 2025
Full Paper Submission Deadline	May 15, 2025
Early Registration Deadline	May 15, 2025
Late Registration Deadline	May 30, 2025
Accommodation Request Deadline	April 30, 2025
Conference Dates	June 13 - 14, 2025
Acceptance Date	Within 15 days of submission

## CONVENOR



**Dr. R. Anandalakshmi**  
Department of Chemical Engineering  
Indian Institute of Technology Guwahati



+91 86381 52674



ecm25@iitg.ac.in



<https://event.iitg.ac.in/ecm25/>



Department of Chemical Engineering,  
IIT Guwahati, Guwahati - 781039



For additional details  
and recent updates



## INTERNATIONAL CONFERENCE

on

## ENERGY & CARBON MANAGEMENT

### CASE STUDIES, PROGRESS & FUTURE DIRECTIONS

## ECM 2025

### HYBRID MODE

June 13 & 14, 2025



### Organized by

Department of Chemical Engineering &  
School of Energy Science & Engineering  
Indian Institute of Technology Guwahati  
Guwahati - 781039, Assam



## ABOUT ECM 2025

ECM 2025 provides a distinguished platform for advancing discourse and practice in energy efficiency, carbon management, and sustainable industrial development. The conference convenes eminent scholars, industry leaders, researchers, and policymakers to deliberate on real-world case studies, emerging technologies, and implementable strategies aimed at reducing carbon emissions and enhancing energy performance.

In light of the global transition toward sustainable energy systems, ECM 2025 serves as a critical venue for the exchange of knowledge, the cultivation of collaborations, and the formulation of impactful solutions aligned with the United Nations Sustainable Development Goals (SDGs). Through a curated programme comprising keynote lectures, plenary sessions, expert panels & technical presentations, the conference seeks to foster engagement across academia, industry, and government.

With a particular emphasis on practical implementation, ECM 2025 will highlight proven strategies for energy transition, the deployment of low-carbon technologies, and policy mechanisms that support industrial sustainability without compromising economic competitiveness.

The conference offers an unique opportunity for academics, professionals, decision-makers, & early-career researchers to engage with leading experts in the field and contribute to shaping a resilient and energy-efficient future.

## ABOUT IIT GUWAHATI

Established in 1994, IIT Guwahati stands as one of India's premier institutions in the field of higher education. Situated along the banks of the mighty Brahmaputra River, the institute offers a conducive environment for academic pursuit and intellectual growth. Renowned for its academic rigor, cutting-edge research infrastructure, and interdisciplinary orientation. The institute fosters innovation that addresses pressing societal and technological challenges. The institute is home to several centres of excellence and maintains robust collaborations with industry and academic institutions around the world.

Join us at IIT Guwahati for an inspiring exchange of ideas, innovations, and initiatives that drive action toward a low-carbon, energy-efficient future.

## THEME

- Industrial Energy Efficiency
- Carbon Footprint Reduction
- Green Hydrogen in Industry
- Energy Storage & Decarbonization
- AI and IoT in Energy Management
- Net Zero Energy Buildings
- Decarbonizing Heavy Industries
- Renewable Energy in Industry
- Sustainable Energy Roadmap
- Energy in Transportation
- Waste Heat Recovery
- Carbon Trading & Policies

## CALL FOR PAPERS

Participants are invited to submit their work under two main conference categories:

• **Oral Presentations** •  
Participants must submit a full paper or extended abstract review, which will be evaluated for quality, clarity & relevance.

• **Poster Presentations** •  
Participants must submit an abstract for review, which will be evaluated based on its conciseness, clarity, and relevance.

**Proceedings:** Abstracts of both oral and poster presentations will be included in the conference proceedings and will be assigned an ISBN and DOI.

**Book Chapter:** Selected oral papers will be published as a chapter in a Springer Nature Book (Proposal under review).

**Presentation:** Oral presenters must present their work at the conference, either in person or virtually. However, poster presenters must attend in person.

## BEST THESIS AWARD

Best Thesis Awards will be presented to recognize outstanding work in the field of Energy and Carbon Management. Separate awards will be given to the undergraduate, postgraduate, and doctoral levels, with each category evaluated independently. Theses demonstrating innovation, practical relevance, or significant impact will be considered.

For further details and submission guidelines, please visit the website

## COMMITTEE MEMBERS

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Prof. Devendra Jalihal , Director, IIT Guwahati

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- Prof. Viswajeet Mehandia, IIT Ropar