

***“Innovation in materials
is the catalyst;
sustainable energy is the
destination. At RAMSE
2025, we unlock the
power of small molecules
to shape a brighter,
cleaner future.”***



RAMSE 2025 focuses on the theme “Small Molecule Activation”, highlighting its vital role in sustainable chemistry and energy solutions. The conference will unite leading experimental and theoretical researchers to explore advanced strategies for activating simple molecules such as H_2 , O_2 , NO , and CO_2 , fostering collaboration and innovation in molecular science, catalysis, and sustainable chemical processes.



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RAMSE 2025

Recent Advances on Materials for Sustainable Energy

One-day Symposium on

Small Molecule Activation

13 December 2025



Committee

The Core Organizing Committee comprises the following members:

- Patron: Prof. Sukumar Mishra (Director)
IIT(ISM) Dhanbad
- Chairman: Prof. Parthasarathi Das (HoD)
Chemistry & Chemical Biology
- Convenor: Prof. Sumanta K. Padhi
- Co-Convenor: Prof. Ganesh C. Nayak
- Secretary: Prof. Sumanta K. Sahu
- Treasurer: Prof. Chanchal Halder

Speakers

- Prof. Ebbe Nordlander (Lund University, Sweden)
- Prof. T. K. Paine (IACS Kolkata)
- Prof. Bhabani S. Mallik (IIT Hyderabad)
- Prof. Sukanta Mandal (IIT Kharagpur)
- Prof. Debasis Koley (IISER Kolkata)
- Prof. Pankaj K. Koli (IISER Tirupati)
- Prof. Prasenjit Mondal (IIT Tirupati)

Venue:

*Department of Chemistry,
IIT(ISM) Dhanbad, Jharkhand,
INDIA-826004,*

🌐: <https://pathisharma.wixsite.com/ramse2025>

Registration

The list of invited speakers has been finalized. Research scholars and postdoctoral fellows are invited to present their work in the poster session. Participants are required to register under the applicable category, with the registration fees as follows:

Students: ₹1200+18% GST
Faculty: ₹1800 + 18% GST
Foreign participants:
₹3000+18% GST
Industry participants:
₹3000+18% GST



Visit the Symposium Web-page for details of the Registration and Payment.

Accommodation

Accommodation will be provided on a payment basis, subject to room availability at the IIT(ISM) Guest House, as per institute rules.

Abstract Submission

The deadline for abstract submission is **25th November 2025**.

Awards

Several Best Poster Awards will be presented in various categories.