



# DEPARTMENT OF PHYSICS & ASTROPHYSICS UNIVERSITY OF DELHI

## EMTE-2025

1<sup>st</sup> National Conference on

# UNVEILING ENERGY MATERIALS: THEORY AND EXPERIMENT

## Highlights

### Themes

- First-principles simulations & molecular modeling
- Materials synthesis & advanced characterization
- Structure–property correlations
- Synergy of theory & experiment in material design
- Hands-on training with VASP, ASE, VESTA
- Case studies integrating computation & experiment

### Sessions

- Keynote Talk
- Invited talks
- Oral presentations
- Posters
- Hands-On Training

### Speakers

- More than 15 Invited speakers

## Local Organising Committee Members

Prof. S. Annapoorni

Prof. S.A. Hashmi

Dr. Debabrata Mishra

Dr. Utkarsh Mishra

Dr. Sumalay Roy

Dr. Om Prakash

Dr. Govind Dayal Singh

Dr. R.K. Mishra

Dr. Subhajit Paul



Registration open:

1 October 2025

Abstract deadline:

25 October 2025



Conference:

01–03 December 2025

Workshop:

04–05 December 2025



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Astrophysics, University of  
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Website:

<https://sites.google.com/physic.s.du.ac.in/emte2025/home>



Registration fee(Inc. GST):  
Students:

Non DU ₹ 2360

For DU ₹ 2000

Faculty , Postdoc & Other:

Non DU ₹ 3540

For DU ₹ 3000

**Convenor:** Dr. Krishnakanta Mondal

**Co-convenors:** Dr. Amol Singh

Prof. S. Murugavel

**Workshop coordinator:**

Dr. Suman Chowdhury



अनुसंधान नेशनल रिसर्च फाउंडेशन  
Anusandhan National Research Foundation

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- Selected articles after peer review will be published as a cross-journal conference collection launched with Discover Electrochemistry, Springer Nature
- \*DU University of Delhi