

Celebrating 75 years of CSIR-National Metallurgical Laboratory, Jamshedpur

National Conference on Emerging Trends in Mineral Beneficiation Technologies

Theme: Sustainable Utilization of Natural Resources



EMBT - 2025

July 23 - 25, 2025

Venue: CSIR-NML Jamshedpur



About the Conference

EMBT-2025 is aimed at highlighting the recent advancements in mineral processing technologies pertaining to sustainable utilization of Ferrous, Non-Ferrous, Industrial Minerals and Coal including strategic and critical minerals of our country. This congregation would provide an open platform to academicians, researchers, industry personnels and budding mineral engineers to brainstorm on various topics from exploration-to-extraction. The expected outcome may led to establish environmental friendly, sustainable, energy efficient and zero-waste technologies in Mineral Beneficiation.

CSIR-NML Jamshedpur

CSIR-National Metallurgical Laboratory is a globally acclaimed R &D establishment in the domain of Minerals, Metals & Materials Science and Technology. The Laboratory has made significant contributions towards establishment & advancement of numerous minerals and metallurgical industries both in India and in abroad. The laboratory has a state-of-the-art pilot and bench scale research facility touching every aspect of minerals processing; starting from process mineralogy to dry beneficiation. The laboratory is embarking on it's platinum jubilee foundation day on 26th Nov. 2025

Scope of the Conference

- Process Mineralogy
- Advancement of Technologies in Comminution and Classification
- Advance Beneficiation Techniques
- Sustainable Utilization of Process tailings and Mines waste
- Processing of Critical and Strategic Minerals
- Plant Performance Optimization
- Slurry Transport and Rheology
- Dry Beneficiation
- Advance Agglomeration Process
- Coal Preparation
- Application of AI/ML in Mineral Processing

Call for Abstract and Important Dates

The EMBT technical program focuses on process advancement in mineral processing for sustainable utilization of natural resources. Participants are invited to submit their abstracts up to 500 words. It should be submitted electronically in MS Word format, focusing on topics related to the theme of the conference and should be emailed to **embt2k25@gmail.com**. All abstracts will undergo a thorough review by the Conference Technical Committee, ensuring relevance to the conference's scope and scientific rigor.



Conference Last date

Abstract Submission Last Date

June 30, 2025

Acceptance Notification

July 3, 2025

Registration Last Date

July 7, 2025

Registration Details

Delegates are requested to register online. Registration fees should be paid by electronic fund transfer and bank details are given below. Delegates and students are encouraged to participate in oral and poster session. After online payment, please upload or send the duly filled registration form, abstract and receipt to the given e-mail address: **embt2k25@gmail.com**

Registration	Fee (Excl. 18% GST)
Delegates	Rs. 6000/-
Student Delegates	Rs. 2000/-
Accompanying Partner	Rs. 3000/-

Details of Bank Account for Online Payment

A/C Number: 30271713826
A/C Name: DIRECTOR NML
Bank Name: STATE BANK OF INDIA
IFSC Code: SBIN0003329
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Sponsorship and advertisement are solicited for the conference. Different categories of sponsorships, rates and complementary benefits are listed below:

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