

1st Circular

CRITMET 2025



CRITICAL METALS CONGRESS

A confluence for researchers, industries and policy makers in critical mineral processing and metal extraction

06–08 November, 2025

organised by

**CSIR–National Metallurgical Laboratory
Jamshedpur, INDIA**

in association with



**Ministry of Mines
Govt of India**



**MeiTY
Govt of India**

www.critmet.in



About CRITMET 2025

The present world is highly dependent on higher-value products that use a growing number of elements previously utilized in limited quantities and are now renamed as critical elements. These critical elements are used in renewable energy, defense, consumer electronics, etc are concentrated in a few geographic locations or recovered as a by-product of a different processing chain owing to the geological association. CRITMET 2025 underpins the need to discuss and share the latest developments or technological advancements in critical mineral availability, extraction methodologies, and meeting the demand by recycling, and their applications. This conference aims to attract researchers from across the world to communicate and share the latest developments in these surfacing and ever-expanding fields. With India launching the National Critical Mineral Mission in 2025, the meet will be very pivotal in shaping national and international partnerships in this niche area.

Commemorating seven prosperous decades of CSIR-National Metallurgical Laboratory, Jamshedpur, India in the area of minerals, metals, materials and environmental research; we propose to hold CRITICAL METALS CONGRESS (CRITMET 2025), India's First International Event on critical minerals and metals, on 6-8 November, 2025 at our campus strategically located at JAMSHEDPUR, the STEEL CITY OF INDIA.

SCOPE

- *Exploration of Critical and Rare Earth resources*
- *Critical mineral distribution*
- *Critical metals for strategic applications, and low carbon mobility*
- *Potential Sources of Critical Metals*
- *Pre-concentration of critical minerals*
- *Chemistry of critical metals*
- *Recovery of Rare earths from Primary and Unconventional resources*
- *Recycling of Secondary Resources and Low Grade Ores*
- *Extraction and Separation of Critical metals*
- *Technological Innovations in RE value chain*
- *RE metals/ alloys/ compounds/ products & their applications*
- *'Application of AI in enhancing Metal Recoveries*
- *National and International Policy Framework on Critical Minerals, Rare Earths and Supply Chain Resilience*
- *Business Networking in Critical Metals Supply Chain*



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Call for Papers

**KEY
BENEFITS**

Why attend CRITMET 2025???

- Plenary Lectures by researchers of eminence
- Learn from international researchers
- Meet and grow your professional scientific network.
- Oral slots for Young Investigators (including Post-docs).
- Best oral & posters winners will receive a certificate and reward.

Abstract Submission:

Oral and poster presentation abstracts are invited on the conference themes below using the online abstract submission system. Your submission should be in the form of text, no more than 300 words long. If your abstract is accepted, it will be included in our online abstract link that will be distributed to all conference participants.

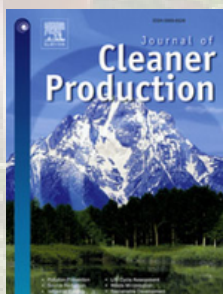
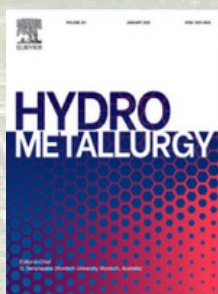
All abstracts will be reviewed by the Members of International and National Committee to ensure that the topic of the submission is consistent with the scope of the topics covered at the meeting. Once the abstracts are accepted, at least one of the authors must register for and present at the conference. Successfully submitted abstracts will be acknowledged with an electronic receipt including an abstract reference number, which should be quoted in all correspondence.

Conference deadlines

Abstract submission deadline	31.07.2025
Abstract acceptance	15.08.2025
Full Paper submission deadline	30.09.2025 (Conference Proceedings)

Publication Partners

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Registrations

Early Booking Deadline : 31st July 2025

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USD 550
USD 650
USD 350

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INR 8,000 + GST @ 18%
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INR 5000 + GST @ 18%

The registration fee includes:

- Free Abstracts available online
- Proceedings in flash drive
- Attractive registration kit and freebies
- Ice-Breaker
- Refreshments, Lunch and Dinner
- Cultural Programs

Payment Methods

Payment for conference registrations and sponsorships can be made by credit card, online/SWIFT Transfers., Mastercard, Visa and American Express Accepted.

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- Logo on Home Page
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- 1 Stall for exhibition
- 5 min Presentation
- 1 Full Page Colour Ad



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- Printed on pad as watermark on pages

Conference Pen



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Self-Crafted Sponsorship Packages and Sponsored Oral Presentations Are Welcome!

SOUVENIR

- A special souvenir will be unveiled during the Inaugural Function on November 6th 2025, at NML, Jamshedpur.
- This souvenir will be valuable resource, capturing key discussions, innovations, and collaborations shaping the future of critical metal research globally.
- All attendees will receive digital copies

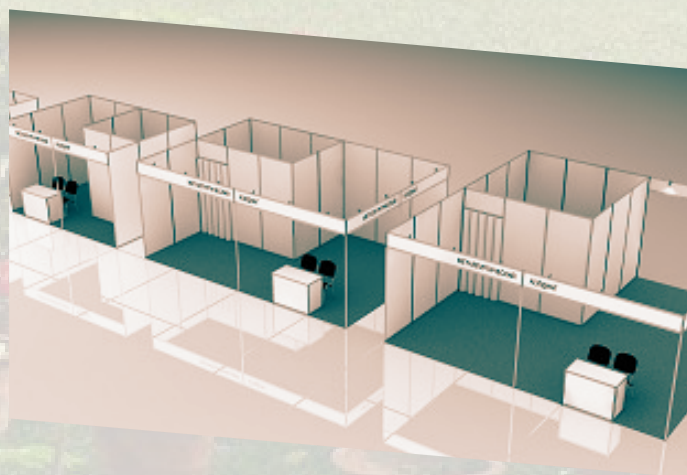
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A good advertising campaign including advertisements in the catalogue, exhibition guidebook, on billboards, as well as web announcements, presentations, etc. is half the battle. CRITMET-Expo management offers you a good opportunity to choose among a wide range of advertising options to promote your company among potential customers and to get the most of your participation in the exhibition of equipments, chemicals and new materials.

- Floor area- 5ftx7ftx7ft
- Carpet on floor
- Wall panels (standard)
- Fascia panels (standard)
- 2 chairs
- 1 waste basket
- Lettering on fascia panel (up to 9 char.)
- Spot lights (1 spot light per each fascia)
- Electrical sockets (5A,15A: 2 each)
- 1 extension 4 point spike board



The Charges for each unit exhibition module in the CRITMET-EXPO will be Rs. 3,00,000/- (GST included) for 3 full days, which includes coupons for lunch, dinner and a copy of souvenir for maximum 2 delegates



CRITMET Secretariat

Dr. Abhilash

Convenor, CRITMET 2025

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