

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) on 6-8 November, 2025 at our campus strategically located at JAMSHEDPUR, the STEEL CITY OF INDIA, next to the promenade of TATA STEEL, and amidst several mining and metallurgical fraternities and companies.



SCOPE

- *Critical mineral distribution*
- *Critical metals for strategic applications*
- *Critical metal for low carbon mobility*
- *Responsible sourcing of critical metals*
- *Pre-concentration of critical minerals*
- *Chemistry of critical metals*
- *Extraction and Separation of Critical metals*
- *Recycling of Secondary Resources*
- *Case Studies on Critical Elements Recovery from Secondary Resources*
- *National and International Policy Framework on critical metals*
- *Business Networking in Critical Metals Supply Chain*

Chief Patron: Dr. V.K.Saraswat, Member, Niti Aayog, Govt of India

Patrons

Dr. N.Kalaiselvi
Director General, CSIR
Tanmay Kumar
Secretary, MOEFCC

V.L.Kantha Rao
Secretary, Min. of Mines
Nidhi Khare
Secretary, MNRE

Ajit K Mohanty
Chairman, Dept of Atomic Energy
S. Krishnan
Secretary, MEITY

Dr. Samir V Kamat
Secretary, DRDO
Dr. V.Narayanan
Chairman, Dept of Space

Conference President

Dr. Sandip Ghosh Chowdhury , Director, CSIR-NML, Jamshedpur, INDIA

International Scientific Committee (Tentative)

Alexandre Chagnes, Univ Lorraine, France

Alafara A Baba, Univ Ilorin, Nigeria

Andrey Pavnov, RUSAL

Anita Prabhakar Fox, UQ, Australia

Anna Kaksonen, CSIRO

Christian Adam, BAM, DE

Christina S. Franca, CETEM, Brazil

Corby Anderson, CSM, USA

Eric D van Hullebusch, Université de Paris

Gabor Musci, University of Miskolc, Hungary

Gavin Harper, University of Birmingham, UK

Gracelin Baskaran, CMI, USA

Hongbo Zhao, CSU, China

Kerstin Forsberg, KTH, SE

Kinnor Chattopadhyay, SLB New Energy, USA

Kristi Disney Bruckner, IRMA, USA

Lei Jiang, Institute of Geology and Geophysics, CAS

Mohan Chellishetty, Monash Univ, Australia

Nabeel A Mancheri, REIA, Belgium

Nagendra Tripathi, RioTinto

Pradip, Ex- TRDDC

Sehlielo Ndlou, Univ. of Arizonaz, USA

Stéphane Pellet-Rostaing, ICSM, FR

Temmujin Jadamba, Mongolian Acad of Sci.

Sami Virolainen, LUT, Finland

Sarma V Pisupati, EMS, USA

Stuart Nicol, GLENCORE

National Advisory Committee (Tentative)

Alok Awasthy, BARC

Amarendu Prakash, SAIL

Anantha Ramakrishnan, CSIR-NIIST

Anshoo Pandey, Min. of Mines

Anupam Agnihotri, JNARDDC

Anuradha Madhukar, CSIR-TWAS

Arun Misra, VEDANTA

Asit Saha, GSI

B A Sawale, CPRI

B.C.Pathak, NPCIL

B.P.Singh, NALCO

B.S.Murthy, IITH

Bineesha Payyatti, DST-TDB/MRAI

Biplob Chatterjee, GEOVALE

C.G. Kharhadkar, IGCAR

C.R. Borra, IIT Kharagpur

Chaitanya Bhanu, TATASTEEL

Chetan Prakash Jain, CEL

Dheeraj Pande, AMD

Dhruv Kumar Singh, Ex-BARC

Farida Naik, Min. of Mines

Geethika Sharma, NMET

Ghanshyam Sharma, HCL

Gurdeep Singh, NTPC

Indra Dev Narayan, MECL

Indranil Manna, BIT Mesra

K Ramesha, CSIR-CECRI

K. Anand Rao, AMD-BARC

K. Balasubramanian, NFTDC

Kamachi Mudali, HBNI

Nikhil Dhawan, IIT Roorkee

P.K.Banerjee, CSIR-CIMFR

Pradeep Kumar P, KMML

Prashant T Rojalkar, NMRL

R. Balamuralikrishnan, DMRL

Rama Swami Bansal, CSIR-ISTAG

Ramanuj Narayan, CSIR-IMMT

S.B.Mohanty, IREL

S.K.Satpathy, UCIL

Sadashiv Samantaray, KABIL

Shakeel Ahmed, Min of Mines

Shankar Venugopal, Mahindra Research Valley

Suddhasatwa Basu, IIT Delhi

Suman Mishra, Mahindra Last Mile Mobility

T. Sreenivas, Ex-BARC

V.M. Tiwari, CSIR-NEIST

Vilas Tathavadkar, HINDALCO

CRITMET 2025 Core Committee

Chairman : Dr. Sanjay Kumar

Convenor : Dr. Abhilash

Members

Dr. S. Sivaprasad

Dr. S. K. Pal

Dr. Sarmistha Sagar

Dr. Sanchita Chakravarty

Dr. Raghuvir Singh

Mr. Uday M Bhaskar Rao

Dr. K. K. Sahu

Dr. D. Mishra

Dr. S. K. Sahu

Dr. Pratima Meshram

Dr. S. K. Nath

Why attend CRITMET 2025???

KEY
BENEFITS

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

Call for Papers

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 **Not later than 15th May 2025**

Abstract acceptance **Before 31st May 2025**

Full Paper submission deadline **31st July 2025**

To submit, [Click Here](#)

Registrations

Early Booking Deadline : 31st July 2025

Category	Non-Indian (inc. VAT)	Indian
Early booking delegates	USD 550	INR 8,000 + GST @ 18%
Late booking delegates	USD 650	INR 10,000 + GST @ 18%
Students	USD 350	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 can only be made by credit card online/SWIFT Transfers. Mastercard, Visa and American Express Accepted.

Sponsorships



- INR 20 Lakhs+GST
- Logo in print and e-media
- 10 Complimentary delegates
- A slot for Presentation
- 1 Full Page Colour Ad



- INR 15 Lakhs+GST
- Logo in print and e-media
- 8 Complimentary delegates
- A slot for Presentation
- 1 Full page Colour Ad



- INR 10 Lakhs+GST
- Logo in print and e-media
- 6 Complimentary delegates
- A slot for Presentation
- 1 Full Page Colour Ad



- INR 7 Lakhs+GST
- Logo in print and e-media
- 4 Complimentary delegates
- 1 Half Page Colour Ad

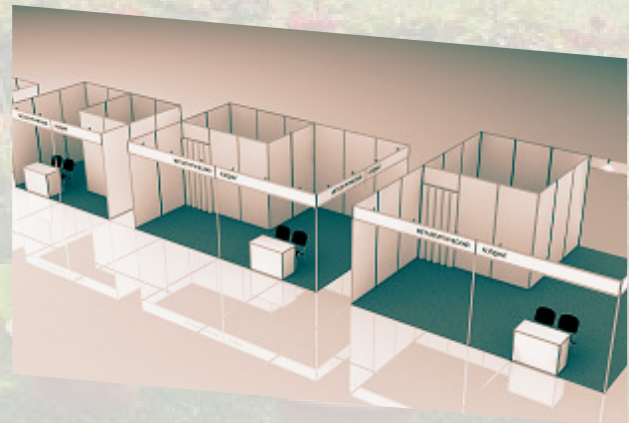


- INR 5 Lakhs+GST
- Logo in print and e-media
- 2 Complimentary delegates
- 1 Full Page B&W Ad

CRITMET EXPO

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 characters)
- Spot lights (1 spot light per each linear meter of 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

C/o Metal Extraction and Recycling Division

CSIR-National Metallurgical Laboratory, Jamshedpur, Jharkhand 831007, INDIA

Tel: +91-657-2345274; +91-9431962767 Fax: +91- 657-2345213

Email: critmet.nml@gmail.com abhilash@nml.res.in abhibios@gmail.com

www.critmet.in