

MBT '24

International Conference on Mining and Beneficiation Technology (MBT)



Organised by:

TATA STEEL
#WeAlsoMakeTomorrow



Mining Engineers'
Association of India
Barajamda Chapter



February 1 and 2, 2024 | Venue: Beldih Club, Jamshedpur, India

About the Conference

The mining and beneficiation sector is facing several challenges such as deep mining and deteriorating quality of mineral deposits necessitating us to develop efficient mining and processing routes. These challenge needs to be addressed along with the transition in the industry towards higher productivity, carbon neutrality and circularity. Therefore, it is imperative to identify the best practices in sustainable mining and beneficiation which may include state-of-the-art technologies, cutting-edge innovations and digital interventions.

The International Conference on **“Mining and Beneficiation Technology (MBT)”** is being organized by Tata Steel Ltd.

along with Mining Engineers' Association of India (MEAI).



This conference will focus on:

- Mining in the Digital Age: Harnessing Analytics/ Drones/Automation for Maximising Mining Efficiency and Safety
- Drilling and Blasting Redefined: Next-Gen Drilling and Blasting Techniques
- Technological Interventions in Challenging Landscapes: Blast Restricted Zones/Deep Seated Mining/ Fiery Seam/Highwall etc.
- Forging a Greener Future: Decarbonisation in Mining through Alternate Fuels/Electrification/Hybrid Vehicles and Biodiversity management
- Beyond Excavation: Shaping Sustainability through CCUS/ Coal Gasification/CBM
- Beneficiation - Mega trends and technologies (Comminution, Classification, Gravity Concentration, Flotation, Dewatering etc.), Leveraging Low grade Raw materials
- Process modelling, simulation, optimisation, and control
- Waste to Worth: Recovery of critical minerals / REE from coal products / Valorisation of by-products
- Advancement in mineral characterisation

The conference will provide an opportunity for researchers, academicians and industry professionals to interact and deliberate upon the major challenges and opportunities in the mining and beneficiation processes.

Who should attend:



- Mining and mineral processing industry plant operation and maintenance managers
- Process equipment suppliers and designers
- Researchers and Technologists

Whom you expect to meet:



- Process experts in mining and beneficiation
- Equipment design and Engineering experts



Conference **Schedule**



- Invited Lectures on Mining and Beneficiation Technology.
- Parallel Technical sessions



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Abstract Submission and **Important dates**

Soft copy of abstract in MS Word must be submitted. All abstracts will be reviewed by Conference Technical Committee. Soft copies of accepted abstracts from registered delegates will be provided to all participants. Final presentation slot details will be communicated to the authors of the accepted abstracts.

Papers can be emailed at mbt2024@tatasteel.com

- Abstract Submission : **December 15, 2023**
- Acceptance Notification : **December 31, 2023**
- Registration Deadline : **January 10, 2023**



Registration

Delegate fees to be 6,000 INR + 18% GST

Registration fee can be paid either by electronic fund transfer or through Cheque/ Demand Draft, drawn in favour of "Mining Engineer Association of India", payable at the Union Bank of India, Nampalli.

Bank Name Details for Fund Transfer:

Account name	Mining Engineer Association of India
Account No	037810100028696
MICR code	500026048
IFS Code	UBIN0803782
GSTIN	36AAATM7472Q1ZT

Sponsorship

Sponsorships are solicited from Government organisations and Commercial establishments who wish to sponsor various events/functions during the seminar. Different categories of sponsorship and rates are listed below:

Type	Amount	Benefits
Platinum	5,00,000 + 18% GST	Display of Logo / Banner/Stall Free delegates - 6
Gold	3,00,000 + 18% GST	Display of Logo / Banner/Stall Free delegates - 4
Silver	2,00,000 + 18% GST	Display of Logo / Banner/Stall Free delegates - 2
Bronze	1,00,000 + 18% GST	Display of logo/banner, Free delegate - 1

Exhibition Stall (10ft x 10ft): `1,50,000+18% GST

(2 delegates free for representing the stall)

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