

Dry Beneficiation:

DRYBEN-2026

Dry beneficiation for Sustainability
across Steel Industry



23rd & 24th March, 2026



Beldih Club, Jamshedpur - 831007, Jharkhand (INDIA)

Jointly organized by:

TATA STEEL
WeAlsoMakeTomorrow

 **IIM**
Metallurgy
Materials Engineering

DRYBEN 2026

About **DRYBEN 2026**

Dry beneficiation is emerging as a critical solution for the steel industry to reduce raw material (iron ore, coal, etc.) water consumption, minimise environmental impact and improve resource efficiency. With increasing pressure on sustainability and cost optimisation, this technology offers a transformative approach to raw material preparation.

The steel industry faces challenges such as water scarcity, stricter environmental regulations and rising operational costs. Traditional wet beneficiation of raw materials consumes significant amounts of water and generates tailings, posing ecological risks. Dry beneficiation addresses these issues by offering eco-friendly, cost-effective alternatives. In the current global push for decarbonisation and ESG compliance, dry beneficiation is not just an option—it is a necessity for future-ready steelmaking.

This conference aims to bring together industry experts, researchers and technologists to discuss advancements, challenges and future prospects in dry beneficiation technologies for processing steel industry raw materials such as iron ores, coal, rejects and other associated materials.



Scope of the **SYMPORIUM**

- Comminution & Sorting Technologies
- Dry / Air Classification
- Dry Gravity Concentration Technologies
- Electrostatic & Magnetic Separation Technologies
- Auxiliary Technologies: Drying Systems, Dust Extraction Systems and Pneumatic Conveying Systems
- Innovation in Dry Beneficiation Technologies
- Industry Case Studies and Best Practices in Dry Beneficiation

Who Should Attend

- Mineral Processing Professionals
- Manager and Operators
- Policy Makers & Industry Leaders
- Equipment Manufacturers & Technology Providers
- Students & Young Professionals

Expected Outcomes

- Identify scalable solutions for water-poor operations
- Connect industry and academia for collaborative deployments
- Define roadmaps for regulatory and operational adoption
- Exchange of industry and research experiences
- Insights into cutting-edge beneficiation practices
- Collaborative roadmap for the future of low-grade iron ore

Call for **PAPERS**

Submit a 300-word abstract highlighting objectives, methods, results, and relevance. Selected abstracts will be invited for oral presentations. Practical case studies and techno-economic analyses are strongly encouraged.

Registration & Participation

Registration categories: Delegates, Students, Exhibitors & Sponsors

Email ID: dryben2026@tatasteel.com



Important **DATES**

Abstract Submission Deadline: **31st January, 2026**

Abstract Acceptance Notification: **28th February, 2026**

Registration Deadline: **15th March, 2026**

Final Presentation Submission: **10th March, 2026**

Abstract & Presentation Submission Guidelines

Soft copies of abstracts must be submitted in MS Word, and final presentations in MS PowerPoint



Submission Format



Selection Criteria



Review Process



Distribution



Presentation Guidelines

All abstracts will be reviewed by the Conference Technical Committee

Accepted abstracts from registered delegates will be shared with all participants

Only a limited number of papers from registered delegates will be selected for presentation. Authors will be informed accordingly

Final presentations must follow the prescribed format, which will be communicated to authors of accepted abstracts

REGISTRATION Fee

18% GST is applicable on Registration

Delegates Fee : Rs 10000/-

IIM Members : Rs 8000/-

Students: Rs 3000/-

Details of Bank Account for Electronic Fund Transfer:

Bank Name

Bank of India

Account Name

Jsr Chapter of Indian Inst of Metal

Account No

450020100010066

MICR code

831013002

IFSC code

BKID0004500

GSTIN

20AAATT3359D1ZW

SWIFT Code

BKIDINBBJAM

Permanent Account Number of Indian Institute Of Metals

AAATT3359D

SPONSORSHIP & ADVERTISEMENT

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CATEGORY	AMOUNT	NUMBER OF FREE DELEGATES	ADVERTISEMENT
Platinum	₹ 5,00,000	4	
Gold	₹ 3,00,000	3	Display of logo in conference venue, lunch /dinner site
Silver	₹ 2,00,000	2	

Exhibition Stall (10ft x 10ft): 1,00,000 + GST (2 delegates free for representing the stall)

Conference Contact

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ABSTRACT Format

Title of the Paper

(Font: Times New Roman | Size: 12 pts | Format: Bold)

Author 1a, Author 2b, Author 3b, Author 3c

(Font: Times New Roman | Size: 12 pts | Format: Bold)

a Affiliation 1, b Affiliation 2, c Affiliation 3

(Font: Times New Roman | Size: 12 pts | Format: Bold)

Email ID:

Contact No:

Abstract

(Font: Times New Roman | Size: 12 pts | Format: Bold)

Abstract must be written with max <300 words

(Font: Times New Roman | Size: 12 pts)

Single-space within paragraph, double-space
between paragraphs

Keep Separate paragraphs for objective, methodology, results and
relevance to industry

Keep few figures (max 2)

Key Words

(Font: Times New Roman | Size: 12 pts | Format: Bold)