



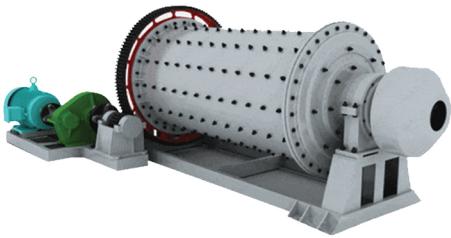
# ICIOB 2026



## INTERNATIONAL CONFERENCE ON **IRON ORE BENEFICIATION**

*Current Practices, Process Innovations  
& Future Technologies*

**09-10 April 2026**  
**JSW Steel Vijayanagar Works,**  
**Toranagallu, Ballari**



## Conference Overview

The global iron ore sector is undergoing significant transformation driven by declining ore grades, increasing complexity and rising environmental and decarbonization pressures.

Beneficiation has become essential for sustainable ironmaking, supported by advances in ore characterization, geo-metallurgical modelling and energy-efficient comminution and separation technologies.

The industry is placing greater emphasis on water efficient processing, dry beneficiation, sustainable tailings management and reprocessing of legacy tailings. These measures are critical for improving resource utilization while minimizing environmental impact across operations.

At the same time, hybrid processing routes and rapid digitalization through automation, artificial intelligence and data analytics are enhancing plant performance and resource efficiency. In this evolving landscape, the International Conference on Iron Ore Beneficiation serves as a key global platform for sharing knowledge, technologies, and strategies shaping the sector's future.

## Conference Theme



**Advanced ore characterization, process mineralogy and geo-metallurgy**



**Energy-efficient, next-generation comminution and size-reduction technologies**



**State-of-the-art iron ore beneficiation flowsheets and processes**



**Innovative solutions for low-grade, complex and refractory ores**



**Tailings reprocessing and sustainable tailings management**



**Emerging and hybrid (dry-wet) mineral processing technologies**



**Advanced dewatering, water recovery and water optimization systems**



**Digitalization, automation and smart beneficiation technologies**



**Best practices in plant operations, maintenance, reliability and safety**

# Who Should Attend

- Beneficiation plant operators
- Maintenance managers
- Process engineers
- Plant and process designers
- Equipment and technology suppliers
- Researchers and technologists
- Academics and policy makers
- Sustainability and environmental professionals

## Networking Opportunities

- Process experts in iron ore beneficiation
- Global equipment and engineering specialists
- Steelmakers and technology providers
- Academic and R&D leaders



## Important Dates & Registration

- Conference registration is FREE
- Abstract Submission Deadline: 28 February 2026
- Abstract Acceptance Notification: 15 March 2026
- Final Presentation Submission: 20 March 2026
- Registration Deadline: 20 March 2026

SCAN THE QR CODE



TO REGISTER

For abstract submission and other queries, please email us at: [iciob2026@jsw.in](mailto:iciob2026@jsw.in)

Note: Prior registration is mandatory. Selected abstracts will be notified by email.

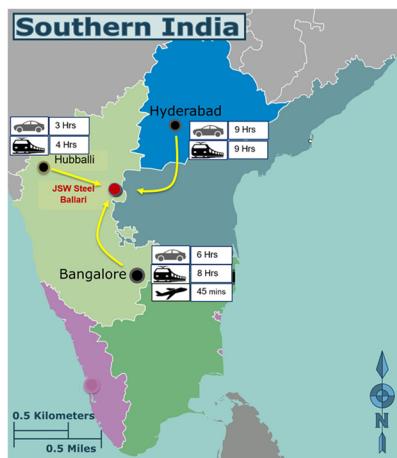


JSW Steel's Vijayanagar Works at Toranagallu, located in Karnataka's Bellary–Hospet iron ore belt, is one of the world's largest & most advanced integrated steel plants. Spread over about 10,000 acres, it has a crude steel capacity of 18.5 MTPA, making it India's largest single-location steel facility.

The plant is fully integrated, covering iron ore beneficiation to finished steel products and is known for technological leadership, including India's first Corex-based hot metal production and the country's largest blast furnace. Vijayanagar Works emphasizes sustainability with zero-effluent discharge, high waste recycling and efficient energy use.

Producing a wide range of flat and value-added steels for key industries, the facility continues to expand through brownfield projects and Industry 4.0 initiatives, reinforcing its role as a future-ready and sustainable steel manufacturing hub.

## Reaching Venue



### By Air:

- Vidyanagar (Jindal) Airport – 2 km
- Hubballi – 170 km
- Bengaluru – 350 km

### By Train:

- Toranagallu Railway Station – 6 km
- Hospet Junction – 35 km

### By Road:

- Well connected via National & State Highways



## Organizing Committee

*Chairman*

**Mr. P.K Murugan**

*Co-Chairman*

**Mr. L.R Singh**

*Convenor*

**Mr. Suraja Yekkar**

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For queries related to registration, presentation submissions and additional information.