Organised by

METALOGIC EVENTS

METALOGIC INTERNATIONAL COAL CONFERENCE

17-18 DEC 2026 | **RADISSON BLU HOTEL** RANCHI

300+	2 Days	High-Level	Limited
Delegates	**Conference**	**Networking**	**Exhibitor Stall**

REGISTER NOW

VISIT **metalogicevents.com** to know more.

CONFERENCE OVERVIEW

COKE-MAKING INNOVATIONS	COAL GASIFICATION TECHNOLOGIES	POLICY & MARKETS	LOGISTICS & SUPPLY CHAINS	RENEWABLE ENERGY INTEGRATION

The global coal industry is undergoing a significant transformation, shaped by evolving market dynamics, changing trade flows, technological advancements and the growing need for energy security. As coal continues to play a critical role in steelmaking, power generation and industrial development, the focus is increasingly on improving operational efficiency, strengthening supply chains and adopting sustainable mining and processing practices.

Against this backdrop, Metalogic's International Coal Conference in Ranchi will bring together industry leaders, coal producers, mining companies, technology providers, policymakers, traders and end-users to discuss emerging opportunities and challenges across the coal value chain.

The conference will explore key themes including coal production and demand outlook, domestic and international trade, mine development and auctions, coal beneficiation and washeries, coke and coking coal markets, logistics and supply chain efficiencies, policy developments, import duties and the integration of renewable energy into mining operations.

ADVANCING COAL THROUGH TECHNOLOGY, TRADE & TRANSFORMATION

ABOUT THE ORGANISER

Our Mission

METALOGIC PMS is proud to be the industry's early morning news provider for over **10+ years,** covering areas such as steel, mining, automobile, cement, and infrastructure.

It also offers daily updates on commodity base prices and congestion reports at major Indian ports.

Our Speakers

We handpick each of our speakers for their expertise and innovative ideas, ensuring that our guests are exposed to the latest trends and thought-provoking insights.

METALOGIC

#WeCreate TheBest

Our History

Founded in 2017, Metalogic PMS has since become a premier event in the industry, attracting top professionals and thought leaders from around the world.

With over **10+ years** of experience in organizing steel industry-related events and disseminating information through various media, METALOGIC's experienced team is set to propel this standalone venture for the success of the Indian iron and steel industry.

Beyond the Event:

Every Metalogic conference is documented and amplified, delivering extended promotional visibility and lasting industry impact.

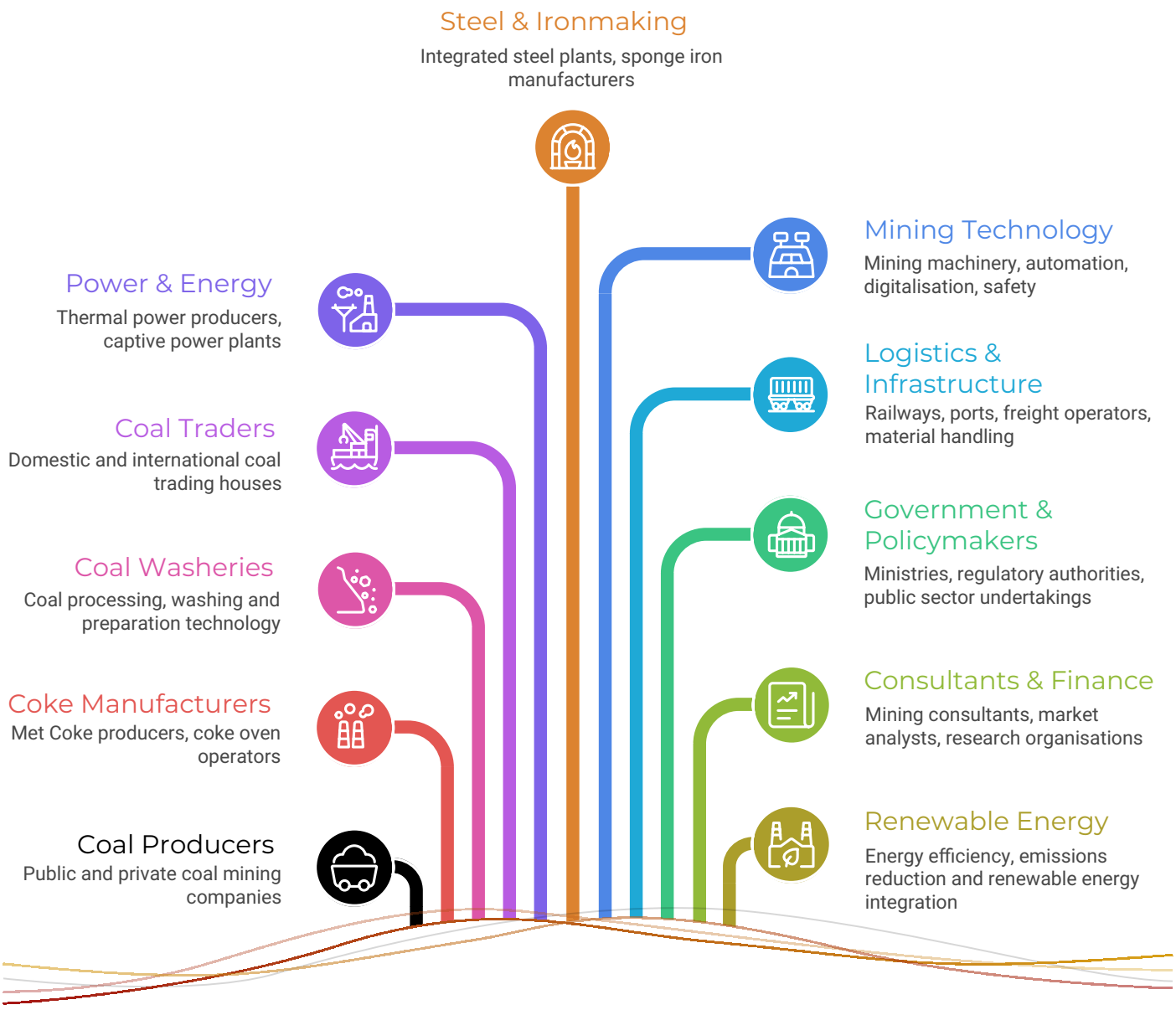
Lasting Value:

Participation doesn't end at the event—Metalogic ensures recorded, shareable content for continued exposure.

More than a Conference:

Professionally captured and distributed, Metalogic events create ongoing visibility for speakers, partners, and participants.

WHO SHOULD ATTEND?



WHY ATTEND?

Discover actionable technologies to improve plant safety, optimise coke quality, enhance gasification efficiency and reduce operational costs. Identify new sourcing and investment opportunities, understand coal market trends and trade policies, strengthen supply-chain strategies, and explore practical pathways to integrate renewable energy. **Connect with industry leaders and technology experts to exchange insights, build strategic partnerships and turn industry challenges into business opportunities.**

BE WHERE THE INDUSTRY MOVES FORWARD.

TURN INDUSTRY INSIGHTS INTO YOUR NEXT COMPETITIVE ADVANTAGE.

REGISTER NOW

CONFERENCE AGENDA (DAY 1)

TECHNOLOGY DAY FOR COKE OVEN AND COAL GASIFICATION

2:00 - 3:00 pm — **Delegate Registrations & Welcome Refreshments**

3:00 - 3:15 pm — **Welcome Address by Ms. Monica Bachchan Duvvuri, Founder & CEO, Metalogic PMS**

3:15 - 3:45 pm — **Session 1: Safety First - Safety Excellence in Coal Plants: Risk Prevention, Operational Discipline and Emergency Preparedness**

(Presentations)

Discussion Areas:
- Strengthening safety practices across coal handling, crushing, conveying and processing operations.
- Preventing fires, explosions, equipment-related accidents and confined-space incidents.
- Improving worker safety through training, monitoring and a strong safety culture.
- Emergency preparedness, incident investigation and adoption of modern safety technologies.

3:45 - 4:30 pm — **Session 2: Safety First - Coke Quality, Cost Competitiveness and Alignment Between Iron-Makers and Coke-Makers**

(Presentations)

Discussion Areas:
- Coal blending and beneficiation strategies for consistent coke quality and improved blast furnace performance.
- Coke quality parameters, yield optimisation and their impact on ironmaking efficiency.
- Domestic versus imported metallurgical coke: Cost competitiveness, quality and supply reliability.
- Coke production economics: Energy efficiency, by-product recovery, emission reduction and battery life-cycle costs.

4:30 - 5:30 pm — **Session 3: Advanced Coke-Making Technologies, Battery Modernisation and Plant Performance**

(Presentations)

Discussion Areas:
- Coke oven technologies: Stamp charging, top charging, tall batteries and heat-recovery/non recovery processes.
- Coke dry quenching (CDQ), waste-heat recovery and energy-efficient plant operations.
- Refractory innovations, battery maintenance, repair technologies and service-life extension.
- Automation, process control, emission reduction and modernisation of existing coke oven batteries.

5:30 - 6:30 pm — **Session 4: Coal Gasification Technologies: Reaction Chemistry, Gasifier Design and Syngas Generation**

(Presentations)

Discussion Areas:
- Coal characteristics, feedstock preparation and their impact on gasification performance.
- Gasification chemistry, reaction kinetics and the roles of temperature, pressure, oxygen and steam.
- Gasifier designs: Fixed-bed, fluidised-bed and entrained-flow technologies.
- Syngas generation: CO and H_2 formation, composition, calorific value and quality control.
- Carbon conversion, cold gas efficiency and operating challenges across different gasifier technologies.

6:30 - 7:30 pm — **Session 5: Syngas Conditioning and Coal Gasification Process Optimisation**

(Presentations)

Discussion Areas:
- Syngas cooling, particulate removal and gas cleaning technologies.
- Removal of sulphur compounds, tars, ammonia and other contaminants.
- Syngas conditioning, H_2/CO ratio adjustment and hydrogen recovery.
- Heat recovery, oxygen consumption, water management and overall process efficiency.
- Integration of syngas with downstream applications, including chemicals, methanol, ammonia, hydrogen and direct reduced iron (DRI).
- Gasifier reliability, ash and slag management, emissions control and plant performance optimisation.

7:30 - 10:00 pm — **Networking Dinner**

DAY 1 Ends

CONFERENCE AGENDA (DAY 2)

AUCTIONS, MARKETS & SUPPLY CHAIN

9:00 - 9:45 am — **Delegate Registrations & Networking Session**

9:45 - 11:00 am — **Conference Inaugural Session**

Discussion Points:
- Indian Coking Coal — Can Domestic Production Reduce Import Dependence?
- Commercial coal mine auctions, bidding strategies and investment considerations.
- Advanced coal washing technologies.
- Global trade flows, seaborne coal markets and evolving procurement strategies.
- Solar and wind power integration across mining and coal-handling operations.

11:00 - 11:45 am — **Session 1: Mine Auctions, Coal Policy and Regulatory Developments in India**

(Panel Discussion)

Discussion Areas:
- Commercial coal mine auctions, bidding strategies and investment considerations.
- Mine development timelines, operational challenges and production ramp-up.
- Policy reforms, regulatory compliance and the evolving framework for domestic coal supply.

11:45 - 12:45 pm — **Session 2: Coal Beneficiation and Washeries: Technologies, Efficiency and Quality Enhancement?**

(Presentations)

Discussion Areas:
- Advanced coal washing technologies, yield optimisation and ash reduction.
- Washery economics, rejects management and water conservation.
- Beneficiation of domestic coal to meet industrial and metallurgical requirements.

12:45 - 1:00 am — **Sponsored Presentation**

1:00 - 2:00 pm — **Lunch Break & Networking Session**

12:45 - 1:00 am — **Sponsored Presentation**

2:15 - 3:15 pm — **Session 3: Coal Market Outlook: Demand-Supply Dynamics, Pricing, Anti-Dumping Duties and Trade Flows**

(Panel Discussion)

Discussion Areas:
- India's coal demand-supply outlook across power, steel, cement and other industries.
- Domestic production, imports, inventory levels and pricing trends.
- Global trade flows, seaborne coal markets and evolving procurement strategies.
- Low-Ash Metallurgical Coke Trade: Anti-Dumping Duties, Imports and Domestic Competitiveness
- Impact of anti-dumping duties on low-ash metallurgical coke (LAM coke) imports.
- Import economics, sourcing strategies and implications for domestic coke producers and steelmakers.
- Trade policy, price competitiveness and security of metallurgical coke supplies.

3:15 - 4:15 pm — **Session 4: Coal Logistics and Supply Chain: Infrastructure, Costs and Reliability**

(Presentations)

Discussion Areas:
- Rail, road, coastal shipping and multimodal coal transportation.
- Slurry Pipeline integration for coal transportation in India – Case Study.
- First-mile connectivity, mechanised loading and evacuation infrastructure.
- Reducing logistics costs, turnaround time and supply-chain bottlenecks.

4:15 - 5:30 pm — **Session 5: Renewable Energy Integration in Coal Mining: Decarbonisation and Operational Efficiency**

(Presentations)

Discussion Areas:
- Solar and wind power integration across mining and coal-handling operations.
- Renewable energy for mine electrification, pumping, beneficiation and auxiliary loads.
- Hybrid power systems, storage, captive power economics and emissions reduction.

30 Minutes Networking Session

DAY 2 Ends

EXHIBITOR STALL OPPORTUNITIES

Exclusive
Visibility

Limited stalls to ensure high-quality engagement and focused attention from key decision-makers

Brand
Positioning

Showcase products, technologies, and solutions to a highly relevant and niche audience

B2B
Interactions

Ideal platform for one-on-one meetings and business discussions

Targeted
Audience

Direct access to senior leaders from relevent sectors.

International
Exposure

Engage with global participants exploring partnerships in India

Lead
Generation

Connect with potential clients, partners, and collaborators across the value chain

Premium
Networking

Opportunity to engage with curated delegates, speakers, and industry influencers

Strategic
Location

Stalls positioned within high-traffic networking zones for maximum visibility

By Invitation/
Approval

Stall allocation on a selective basis to maintain quality and relevance

2x2 Sq Mtr
Octonorm Stall

Includes:
2 Delegate Passes
2 Chairs | 1 Table
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CONFERENCE PARTICIPATION

TITLE SPONSOR **20 LAKH**	**POWERED** BY **10 LAKH**	**CO - POWERED** BY **10 LAKH**	**DINNER** SPONSOR **10 LAKH**	**LANYARD** SPONSOR **10 LAKH**
LUNCH SPONSOR **8 LAKH**	**GOLD** SPONSOR **8 LAKH**	**SILVER** SPONSOR **6 LAKH**	**BADGE** SPONSOR **5 LAKH**	**DELEGATE KIT** SPONSOR **5 LAKH**
BRONZE SPONSOR **4 LAKH**	**CO** SPONSOR **2 LAKH**			

Delegate Fee: **INR 18,000/-***
Per Person

- Please note: **18% GST applicable on all base tarrifs.**
- **You can make the payment by NEFT/RTGS or Payment Gateway.**

PAST CONFERENCE GLIMPSE

2 DAYS CONFERENCE

LIMITED EXHIBITOR STALLS

HIGH-LEVEL NETWORKING

Scan Me

VISIT **metalogicevents.com** To know more.

REGISTER NOW

ABOUT THE VENUE & CITY

The Radisson Blu Hotel, Ranchi is an upscale 5-star hotel located at Main Road, Kadru Diversion, Ranchi, Jharkhand - 834001

RADISSON BLU HOTEL, RANCHI

RANCHI CITY

Ranchi is the capital of the Indian state of Jharkhand, and now it is the most populous city of the state. Ranchi was the centre of the Jharkhand movement, which called for a separate state for the tribal regions of South Bihar, northern Orissa, western West Bengal and the eastern area of what is present-day Chhattisgarh. The Jharkhand state was formed on 15 November 2000 by carving out the Bihar divisions of Chota Nagpur and Santhal Parganas.

The name Ranchi is derived from the previous name of the Oraon village at the same site, Archi."Archi" derives from the Oraon word for bamboo grove or stave. According to legend, after an altercation with a spirit, a farmer beat the spirit with his bamboo stave. The spirit shouted archi, archi, archi and vanished. Archi became Rachi, which became Ranchi. One of the historically significant neighbourhoods of Rachi is Doranda (duran means song and daah means water in the Mundari language). Doranda lies between the Hinoo (Bhusur) & Harmoo Rivers, where the civil station, treasury and church established by the British Raj were destroyed by rebel forces during the Sepoy Mutiny.

Ranchi has been selected as one of the hundred Indian cities to be developed as a smart city under PM Narendra Modi's flagship Smart Cities Mission.Ranchi is well known for being the hometown of former Indian cricket captain MS Dhoni.

Contact

White Papers

Monica Bachchan D.
98187 50128
monica@metalogicpms.com

Hotel & Logistics Coordination

Rajat Kaushik
98739 03590
rajat@metalogicpms.com

Partnerships

Ruchi Tripathi
99535 41121
ruchi@metalogicpms.com

Contact: Sponsorship, Stall & Delegate Registrations

Yasmeen Akhtar Khan
97170 97893
yasmeen@metalogicpms.com

Rahul Mishra
70650 44004
rahul@metalogicpms.com

Sujeet Dubey
85878 72852
sujeet@metalogicpms.com

Supriya Nishad
85878 72832
supriya@metalogicpms.com

Contact: Creative & Stall Coordination

Shiv Shankar
94557 26722
creative@metalogicpms.com

metalogicpms.com
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