

INTERNATIONAL SEMINAR

Organized by

STEEL TECH

ON

4

COAL, COKE &
COAL CHEMICALS

21st November
2025 | Friday

ITC HOTELS
Bhubaneswar, India

Blending Philosophy for Metallurgical Coke Making in India – Challenges & Opportunities

www.steeltech-india.com



STEEL TECH

INTERNATIONAL SEMINAR



STEEL TECH's International Seminar began in 2009, initiated by our founding Editor, Late Dr Amit Chatterjee, and quickly gained popularity for its uniqueness. This forum is a dynamic platform that advances dialogue, innovation, and collaboration within the industry, among technology suppliers and developers. A large number of speakers and participants attended the seminars, including both domestic and international attendees. The rich content, interactive deliberations, and networking opportunities were its special attractions. We continued the series, and this is the 21st seminar. This C4 seminar will reflect our continued commitment towards strengthening this critical pillar of steelmaking.

This conference is aimed at maximizing the use of indigenous coking coal by a blend capable of meeting the quality needed for Ironmaking; realizing the full value of coal chemicals, complying with all safety and environmental norms, developing indigenous equipment and machinery, and also recognizing individuals and their collective efforts in Technological improvements.

STEEL TECH C4 aims to serve as a KNOWLEDGE SHARING PLATFORM for the coke-making industry.



Contents



● SEMINAR & BRIEF	04
● KEY ISSUES TO BE DISCUSSED	05
● PARTICIPATION / SPEAKERS & VENUE	06
● WHY ATTEND THIS SEMINAR ?	07
● ABOUT THE ORGANIZER	07
● SEMINAR CORE COMMITTEE	08
● SEMINAR TECHNICAL COMMITTEE	08
● BRIEF SEMINAR PROGRAMME	09
● DETAILS / SPONSORSHIP	10
● PAYMENTS DETAILS	12





Seminar & Brief

India's steel industry is on a rapid growth trajectory, aiming to achieve over **300 million tonnes of crude steel production by 2030**. A cornerstone of this ambition is the **consistent availability of high-quality metallurgical coke**, which, in turn, is directly dependent on the availability and blending of **coking coal**—a limited and strategic resource.

Currently, more than **85% of India's crude steel** is produced through the **BF-BOF route**, which relies heavily on metallurgical coke. However, India has **limited domestic reserves of prime coking coal**, leading to a dependency on **imports for nearly 50–55%** of its total coking coal requirement. Major import sources include Australia, the USA, Canada, and Russia—creating exposure to **volatile prices, logistical constraints, quality variation, and geopolitical risks**.

In this scenario, the **blending philosophy**—i.e., optimizing the mix of domestic and imported coals—has become a **strategic imperative** to enhance coke quality, reduce costs, and ensure operational sustainability.

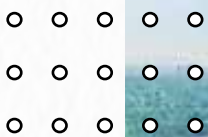
KEY ISSUES to be Diccussed



- ✦ Evolving **coal blending strategies** for cost-effective, high-quality coke production
- ✦ **Technological innovations** in coke ovens, coal beneficiation, and automation.
- ✦ Efficient **coal sourcing, washing**, and logistics models to reduce import reliance.

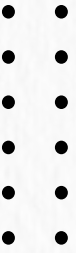


- ✦ **Coke quality** management vis-à-vis coal origin, blend ratio, and charging technique.
- ✦ **Environmental compliance** and sustainability solutions in coke production.
- ✦ Adoption of **non-conventional carbon materials** and coke substitutes.
- ✦ Challenges related to **coal logistics, supply volatility**, and **policy support**.
- ✦ Coal Chemicals and their utilization.
- ✦ Safety, Health & Environment.





Participation & Speakers



CIL, CIMFR, TATA STEEL, SAIL, RINL, IISCO, DSP, RSP, BSP, BSL, ONGC, MCL, JSW, JSL, JSPL, AM/NS, NMDC, ESSAR MINMET, TBSL, IMR Resources, SMS, TENOVA, Paul Wurth, Thyssenkrupp, HUDE, Nippon Steel, ACRE, SEDIN, SDM, Sino-Steel, Shanxi Arfanti, Hooghly Met Coke, Giprokoks, Leon Overseas PTE Singapore, FOSBEL, Bathurst New Zealand, IMFA, JAMIPOL, OCL, Vedanta Group, IMMT, DGFT, NML, RDCIS, Mecon, M N Dastur, IIT, KIIT, JU & many more... are expected to attend.

VENUE



The venue is the **Welcomhotel by ITC Hotels, Bhubaneswar** D/1 Dumduma, Bhubaneswar, Odisha, India, 751019, a Luxury and conveniently located hotel, having excellent facilities.



Bhubaneswar, the **Temple City** blend of ancient heritage and modern amenities, with nearby attractions such as **Kalinga Nagar** – *Pittsburgh of India*, **Angul** – *the biggest steel-hub*, all weather ports – *Gateway to Eastern India*, **Nandan Kanan Zoo**, **Lingaraj Temple**, **Puri**, **Konark**, **Chilka Lake**, **Chandipur Missile Test Range**, **Bhitarkanika Naitonal Park**, **Tikarpada Crocodile Sanctuary** etc. The venue is not just great for the seminar/conference but can be a memorable experience and you may like to accompany with your spouses/partner.

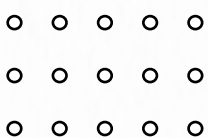


Do not miss this unique opportunity

WHY Attend this Seminar?

The Seminar will provide a unique opportunity for Steel/Coal Coke & Coal Chemical producers, miners to interact with Technology Suppliers, Designers, Operating Personnel, Researchers, Academicians and Others from the Industry. The latest technological developments in production/usage as well as advanced process control techniques will be deliberated upon in this Seminar. Unique networking opportunity with peers and industry leaders through interactive panel discussions and during lunch/tea breaks. **STEEL TECH** has been conducting seminars of international standard since long and this seminar is the 21st one once again designed with rich content.

About The Organizer



STEEL TECH is a reputed technical journal published quarterly from Kolkata. It features technical articles involving steel technology for today and tomorrow. The aim is for faster development of steel industry, including downstream facilities with special focus in the eastern region, which is lagging compared to the other regions although it is rich in mineral reserves. The journal has received widespread acclaim from within the industry, research organizations as well as academic institutions. The Editorial Board of the journal consists of luminaries in the Indian steel industry, including top executives of major steel plants, well-known scientists in research organisations and academicians of repute.

Seminar **CORE** Committee

Patron in Chief	:	Mr. S. S. Mohanty
Chairman	:	Mr. Tarun Chatterjee
Co-Chairman	:	Mr. J K Chatterjee
Conveners	:	Mr. R K Sabat
Members	:	Mr. A.C. Patnaik Mr. Ramesh Kumar Mr. Amar Bountra Mr. Abhijit Parab Mr. B P Sarkar Mr. Arnab Banerjee Mr. P. K Sen



Seminar **TECHNICAL** Committee

1. Mr. G. S. Venkata Subramanian
Convenor
2. Mr. Y. Venkate Swarelu
3. Dr. Sushmita Dasgupta
4. Dr. Debjani Nag
5. Mr. V.M. Shisani
6. Mr. Umesh Kade
7. Mr. Sujit Haldar
8. Mr. M.S. Pillai



BRIEF SEMINAR PROGRAMME

WELCOMHOTEL BY ITC HOTELS
Bhubaneswar



09.15 - 10.00	Registration & Tea Session
10.00 - 11.00	Address by the Chief Guest/ Guests of Honors & Keynote Speaker
11.00 - 11.45	Panel Discussion & Q&A
11.45 - 12.00	Tea Break
12.00 - 13.45	Technical Session 1
13.45 - 14.45	Lunch
14.45 - 17.00	Technical Session 2
17.00 - 17.30	Valedictory Session and Vote of Thanks
17.30 - 18.00	Tea, Networking

Participation Details

DELEGATE FEE#	INR 10,000 per person for Indian participants
	INR 5,000 per Student participants
	USD 200 / Euro 200 per person for overseas participants

PLUS GST of 18%

SPONSORSHIP#	
Diamond Sponsor	INR 5 Lakhs (USD 7,500 / Euro 7,000) (includes 10 free delegates + full page colour advertisement)
Graphine Sponsor	INR 3 Lakhs (USD/Euro 4,500 overseas) (includes 8 free delegates + full page colour advertisement)
Bituminus Sponsor	INR 2 Lakhs (USD/Euro 3,000 overseas) (includes 6 free delegates + full page colour advertisement)
Lignite Sponsor	INR 1 Lakh (USD 1,600 / Euro 1,500) (includes 3 free delegates + full page colour advertisement)
Kit Sponsor	INR 2.5 Lakh (USD/Euro 3,500 overseas) (includes 5 free delegates + full page colour advertisement)
Lanyard Sponsor	INR 2.5 Lakh (USD/Euro 3,500) (includes 5 free delegates + full page colour advertisement)

Plus 18% GST to be borne by the sponsor

EXHIBITION#	
STALL Poster Display	(2M x 2M) or Multiple: Rs. 12,500 per Sq M (USD 200) Flat Euro 250 (3Ft x 2Ft) Max : Rs. 15,000 (USD 250) Flat Euro 250 per Poster

Plus 18% GST to be borne by the sponsor

ADVERTISEMENT WILL BE COVERED IN THE JANUARY 26 ISSUE OF STEEL TECH / PROCEEDINGS*

Inside Back Cover	:	INR 50,000 (USD 1000 / Euro 950)
Double Page Colour	:	INR 35,000 (USD 700 / Euro 650)
Full Page Colour	:	INR 20,000 (USD 400 / Euro 350)
Full Page B/W	:	INR 10,000 (USD 200 / Euro 200)

Plus 5% GST

TO PARTICIPATE IN THIS EVENT - PLEASE

REGISTER NOW



INTERNATIONAL SEMINAR 2025

Payment Details

Payments are to be made in favour of “**STEEL TECH**”

Bank: AXIS Bank, KUDGHAT WB, 171 Chandi Ghosh Road, Kolkata -700 040, India

Account No. : 919020095595464; **IFSC Code:** UTIB0004005

9-Digit code no. of the Bank: 700211149; **Swift Code:** AXISINBB255

GSTIN: 19AJDPS7852C1ZY



ADDRESS FOR COMMUNICATION



Mr. R K Sabat

CONVENER

Email: rksabat@gmail.com

info@steeltech-india.com

Mobile: : +91 97774 42244



OTHER CONTACT: Mr. P K SEN, CEO & Editor | psen2008@yahoo.co.in | Mobile: 92306 39343/87773 41510



For booking rooms at the ITC, Bhubaneswar, delegates can reach Ms. SRADHANJALI SAHOO

Email: Sradhanjali.Sahoo@itchotels.com, Mobile: 81448 06486, Tel: 0674 - 714 7140

www.steeltech-india.com

PROUD TO SERVE THE STEEL & RELATED INDUSTRIES

www.steeltech-india.com

STEEL TECH

12