

# INTERNATIONAL SEMINAR ON EMERGING REFRACTORY TECHNOLOGIES



## BF HEARTH AND CAST HOUSE REFRACTORIES

Mayfair Convention, Bhubaneswar, India  
14-15 September, 2023

Organized By:

**TATA STEEL**  
WeAlsoMakeTomorrow





# InSERT-23

INTERNATIONAL SEMINAR ON EMERGING REFRACTORY TECHNOLOGIES  
14-15 SEPTEMBER, 2023, BHUBANESHWAR, INDIA

## About InSERT

InSERT is a knowledge exchange platform without the paraphernalia of a conventional conference. With invited speakers, limited guests, and focused topic, InSERT aims to bring together leading experts, Researchers, and industry professionals from around the globe to discuss and showcase the latest advancement in refractory technologies. The seminar will provide a platform for in-depth discussions, presentation and networking opportunities that will significantly contribute in shaping the future of steel and refractory industries.

## Theme

Deliberations for InSERT-23 will be focused on BF Hearth and Cast House Refractories. The seminar focuses on Emerging technologies like quick repair of BF hearth, impact of process conditions on hearth and cast house refractories, NextGen tap hole clay, use of digital techniques for wear estimation.

## Venue

The venue is Mayfair Convention in Bhubaneswar, the capital of Steel Hub of India - Odisha. It is well connected with all parts of country by rail and air. Bhubaneswar stands as a dynamic metropolis that harmoniously weaves together a rich tapestry of history, spirituality, and contemporary progress. As the chosen host for your upcoming seminar, Bhubaneswar offers a captivating backdrop that promises to inspire and invigorate participants from around the world.

## Technical Session:

The technical sessions would cover the development and application of refractories for:

1. Blast Furnace Hearth Refractories
2. Cast House Refractories



## Registration of Delegates

Registration fees for delegates is Rs. 20,000 + 18% GST. Bank Transfer: A direct bank transfer should be made to the account below. Cheque/Draft to be drawn in favour of "Indian Ceramic society, Jamshedpur Chapter".

SBI NML

Bank Code: SBIN00003329

MICR: 831002013

A/C No.: 10485712965

PAN Code: AAAA12940N

GSTN: 20AAAAI2940N2ZV

## Programme Schedule

Time	Programme
Day-1: Thursday, 14th September 2023	
09:00AM - 09:30AM	Registration of delegates
09:30AM - 10:15AM	Inaugural session
10:15AM - 10:30AM	Hi Tea/Breakfast
10:30AM - 01:30PM	Technical Session-1 (Tap Hole Clay)
01:30PM - 02:30PM	Lunch
02:30PM - 06:00PM	Technical Session-2 (Trough)
07:30PM - 10:30PM	Cultural Session + Dinner
Day-2: Friday 15th September 2023	
09:30AM - 11:00AM	Technical Session-3 (Hearth)
11:00AM - 11:30AM	Tea break
11:30AM - 01:00PM	Technical Session-4 (Mini blast furnace)
01:00PM - 01:30PM	Panel discussion
01:30PM - 02:30PM	Lunch & dispersal



## Contact Details

The organising committee, InSERT-23  
Indian Ceramic Society, Jamshedpur chapter  
Room no#16, Center for Excellence  
Jubilee park road, Jamshedpur-831001  
Email: ics\_jsr@yahoo.com

### Mentor

**Mr Brijender Singh,**  
Chief Refractories Group, TATA STEEL

**Dr Sanjay Kumar,**  
Chief Scientist and Head,  
Metal Extraction & Recycling Division,  
CSIR-NML

### Chairman

**Mr Sujat Ali Khan,**  
Chief Refractories Odisha, TATA STEEL

### Co-Chairman

**Mr Prasanta Panigrahi,**  
Head RTG, TATA STEEL

### Convener

**Mr Santanu Saha,**  
Head Refractory TSM, TATA STEEL

### Treasurer

**Dr Susanta Nath,**  
Principal Scientist, CSIR-NML

### Co-Convener

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### Members

Mr. Prasanta Chakraborty, TATA STEEL  
Mr Tushar Agrawal, TATA STEEL  
Mr. Satrughna Nayak, TATA STEEL  
Mr Mousom Bag, TATA STEEL  
Mr Avick Ghosh, TATA STEEL  
Mr. Biswajit Pal, TATA STEEL  
Mr. Monoj Halder, TATA STEEL  
Ms. Saumita Gangopadhyay, TATA STEEL  
Mr. Biswajit Sahu, TATA STEEL  
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Mr. Siddharth Chowdhury, TATA STEEL  
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Mr. Amit Kr. Ghosh, TATA STEEL  
Mr. Sourav Ghosh, TATA STEEL  
Mr. Tapas Mondal, TATA STEEL  
Mr. Banti Kr. Yadav, TATA STEEL  
Mr. Deepak Kr. Singh, TATA STEEL, NINL  
Mr. Tapas Pal, TATA STEEL  
Mr Prosenjit Sarkar, ICS, Jamshedpur  
Mr. Nilesh Kumar, ICS, Jamshedpur

