

# DIAMOND JUBILEE WORKSHOP

## Decarbonisation & Sustainability Challenges in Raw Material Preparation for Steel Industries

23<sup>rd</sup> June 2023 (Friday)

9:00 AM to 5:00 PM

### Registration Link:

<https://forms.gle/qe8C2quZsQPTEXTKA>

### Venue:

SS Bhatnagar Hall  
CSIR- IMMT, Bhubaneswar



75  
Azadi Ka  
Amrit Mahotsav

G20  
भारत 2023 INDIA



### ABOUT THE WORKSHOP:

Steel is one of the strategic products of the modern world. A vibrant steel industry has been the pillar of India's rapid economic growth. Being the second largest steel producer globally, India also faces the challenge to ensure supply of quality raw material to its iron and steel sector and also fulfill its commitment towards reducing carbon dioxide gas emission.

This one-day workshop titled '**Decarbonisation and Sustainability Challenges in Raw Material Preparation for Steel Industries**' is aimed towards the above mentioned objectives. Industry leaders will make key deliberation on the above issues. The workshop also features Poster Session from research scholars and students from academia and R&D institutions.

# KEY SPEAKERS



**Mr. N.D. Rao**  
President  
Atha Group of Industries



**Dr. S.K. Biswal**  
Ex-Chief Scientist, CSIR-IMMT  
& President-4MSI



**Shri Debasish Nanda**  
Director, Coal India Ltd.



**Shri Arun Kumar Rath**  
Head Brown field Projects  
ArcelorMittal Nippon Steel India



**Dr. A. K. Sahu**  
Chief Scientist, Head-MPD &  
SPBD, CSIR-IMMT

# POSTER SESSION

The following are the broad areas in iron and steel sector, which will be displayed by the students and research scholars from academia and R&D institutions.

**Beneficiation of Low and Lean Grade Ores**

**Agglomeration**

**Fine Particle Processing**

**Coal Preparation**

**Industrial Waste Utilization**

**Carbon Capture Usage & Storage (CCUS)**

**Alternate process towards energy efficiency**

**Application of AI/ML in iron and steel sectors**

For participation in **POSTER SESSION**, please mail us a short abstract (max 200 words) by 17<sup>th</sup> June 2023 to the following email addresses:

- **Dr. S.P. Das**, Chief Scientist, MPD, ([spd@immt.res.in](mailto:spd@immt.res.in)) M- 94384 85730
- **Dr. S.S. Rath**, Principal Scientist, MPD, ([ssrath@immt.res.in](mailto:ssrath@immt.res.in)) M-7873411250
- **Mr. Deepak Nayak**, Senior Scientist, ([deepak@immt.res.in](mailto:deepak@immt.res.in)) M- 9861078942

## CONTACT DETAILS

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**Dr. N. K. Dhal**, Chief Scientist, Head-E&S (+91-9437460626)

**Er. Sachida Nanda Sahu**, Pr. Scientist, MPD ([sachi@immt.res.in](mailto:sachi@immt.res.in)) (for registration)

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