

Student's Seminar on
**Metallurgical and Materials
Engineering**

Behind the Teacher's Desk
(BTTD-2024)

June 19 - 21, 2024

at

CSIR-National Metallurgical Laboratory, Jamshedpur

Organized by

The Indian Institute of Metals (IIM), Jamshedpur Chapter



in association with

Tata Steel Limited (TSL), Jamshedpur

CSIR-National Metallurgical Laboratory (NML), Jamshedpur

National Institute of Technology (NIT), Jamshedpur

Academy of Scientific and Innovative Research (AcSIR)

TATA STEEL



AcSIR

WeAlsoMakeTomorrow

Important Dates

Last date for abstract submission: June 01, 2024

Acceptance confirmation: June 05, 2024

Online registration by: June 15, 2024



Background

India has a large pool of young talent that has fuelled its steady economic growth. The talent pool requires to be nurtured and augmented with new skills. The Government of India has also emphasized the need to impart requisite skills under the flagship programme of 'Skill India'. The field of materials and metallurgical engineering is projected to be of enormous importance for the progress and growth of the country. Young practitioners of this field, therefore, require to be imparted with better skill sets. In order to fulfil this objective, several leading institutions of the country, namely the Jamshedpur Chapter of the IIM, Tata Steel Limited, CSIR-National Metallurgical Laboratory, NIT Jamshedpur and AcSIR have been working together to nurture and mentor young metallurgists and inspire them to flourish into dedicated professionals. This annual Students' Seminar has been initiated to provide a common platform for promising and aspiring metallurgists to interact with the pool of experts from industries, R&D labs and academic institutes. The student participants of this event will get an opportunity to update their current knowledge base and share their academic achievements, innovative thoughts and new ideas in the area of metallurgy and materials technology.

About the seminar

Since its inception in 2011, the seminar "Behind the Teacher's Desk (BTTD)" has blossomed into one of the most sought-after events among the student fraternity of India. BTTD has been held annually at the CSIR-NML Jamshedpur and attracts more than 200 students from across the country. The event provides a launch pad for the students to showcase themselves and interact with scientists, eminent metallurgists, engineers and entrepreneurs to develop new skills in metallurgy and materials technology.

Who can participate?

- UG and PG students working in the domain of materials and metallurgical engineering
- Scientists, faculty members, and industry professionals who would like to interact with students

Call for papers

Interested students should submit an abstract (300 words max) in MS word format and send it by email to btted.iimjrs@gmail.com. The abstract template is available at <https://btted.nmlindia.org/>, the BTTD 2024 website. Accepted abstracts will be placed for oral or e-poster presentations based on the theme and the number of abstracts selected for presentation. The accepted abstracts will be confirmed via e-mail and over the website. The abstract should be classified under one of the following topics listed below:

1. Innovation in mineral processing and metal extraction
2. Innovations in iron & steel-making
3. Advances in alloy design, phase transformation, mechanical behaviour of materials and damage mechanisms
4. Materials modelling and simulation
5. Corrosion and surface engineering
6. Sustainable metallurgy and waste management

Submitted abstracts must clearly contain the abstract's title, authors' names and respective affiliations. Professors and mentors may be acknowledged, but their names may not be included as authors. Students are requested not to use slides and information from the web verbatim. Originality in abstracts/presentations will be a criterion for acceptance.

Registration fee (incl. GST)

- Rs. 1000 (student, member IIM)
- Rs. 1200 (student, non-member IIM)
- Rs. 2000 (Teacher/Other professionals)

Registration fee includes a registration kit, lunch, and dinner during the event.

Mode of Payment: Bank/Electronic transfer.
The details for the bank transfer are as follows.

Bank Name: Bank of India
A/C Name: JSR CHAPTER OF INDIAN INST OF METAL
Account No: 450020100010066
MICR Code: 831013002
IFSC Code: BKID0004500
GSTIN: 20AAATT3359D1ZW

Online Registration

For participation, online registration can be done through the BTTD 2024 website (<https://btted.nmlindia.org/>). Participants must carefully fill out the online registration form with a valid email ID.

Outstation students will be offered free shared hostel accommodation. Details of accommodation will be sent to the registered BTTD 2024 participants.

Awards and Certificates

All registered student delegates will receive certificates of participation. Papers and e-posters presented in each technical session will be judged by experts. The best speaker and best e-posters will be awarded attractive prizes for every technical session. The grand prize will be given for the best presentation among all the technical sessions.

Social and Cultural Functions

Participants of the BTTD-2024 are invited to join the cultural evening to be held on June 19, 2024. Students are encouraged to participate in cultural events to strike up and strengthen networking among students.

Special attractions

- Expert talks by eminent professionals from Industry, Academia and R&D institutions
- Cultural evening and networking dinner
- Oral or e - poster presentations
- Meta Quiz'24
- Talent show and networking dinner

Industry and laboratory visits

- Visit to metallurgical industries in Jamshedpur
- Visit to CSIR-National Metallurgical Laboratory

Sponsorship Details

Platinum: Rs. 2,00,000+ 5%GST (Free advertisement in the souvenir, banner and five free delegates)

Gold sponsor: Rs. 1,00,000+5 %GST (Free advertisement in the souvenir, banner and two free delegates)

Silver sponsor: Rs. 50,000+5%GST (Free advertisement in the souvenir, banner and one free delegate)

Advertisement: Rs. 20,000+5%GST (Full page)
Rs. 15,000+5%GST (Half page)

Seminar Website

All relevant information will be updated on the seminar website: <https://btted.nmlindia.org/>

Organising Committee

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Prof G Sutrathar, Director, NIT-Jamshedpur
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Website/Public Relations (PR)

Mr Sudip Kundu, CSIR-NML

Industry Visit

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Mr Rohit Meshram, CSIR-NML

Meta Quiz Committee

Dr Premkumar, CSIR-NML
Dr Monalisha Mandal, NIT Jamshedpur

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Seminar Contacts

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