

Symposium
on

Recent Advances in Materials & Metallurgy

November 4 - 5, 2024

at

IGIT, Sarang

Organized by

Department of Metallurgical & Materials
Engineering

IGIT, Sarang



Important Dates

Last date for abstract submission: Nov 1, 2024

Acceptance confirmation: Nov 2, 2024

Online registration by: Nov 3, 2024



Background

India possesses a substantial reservoir of youthful talent that has propelled its consistent economic progress. The talent pool must be cultivated and enhanced with new skills. The Government of India has underscored the necessity of providing essential skills through the flagship initiative 'Skill India.' The domain of materials and metallurgical engineering is anticipated to be critically significant for the advancement and development of the nation. Consequently, novice practitioners in this discipline necessitate the acquisition of enhanced skill sets. To achieve this goal, IGIT, Sarang has taken the initiative to cultivate and mentor emerging metallurgists, encouraging them to develop into committed professionals. This annual Students' Seminar has been established to offer a shared platform for young and aspiring metallurgists to engage with specialists from industry, research and development laboratories, and academic institutions. Student participants in this event will have the opportunity to enhance their knowledge base and share their academic accomplishments, unique concepts, and new ideas in metallurgy and materials technology.

About the seminar

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 upload it at <https://forms.gle/aNNJnMRM9Wtq6UDi8>. Accepted abstracts will be placed for oral or poster presentations based on the theme and the number of abstracts selected for presentation. The accepted abstracts will be confirmed via e-mail. 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.

Registration fee: NIL

Accommodation, Lunch, dinner and breakfast will be provided free of cost to the students.

QR CODE FOR REGISTRATION AND ABSTRACT SUBMISSION



Awards and Certificates

All registered student delegates will receive certificates of participation. Papers and posters presented in each technical session will be judged by experts. The best speaker and best 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.

Special attractions

- Expert talks by eminent professionals from Industry, Academia and R&D institutions
- Oral and poster presentations
- Meta Quiz'24
- Model display



Organising Committee

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