

Indian Institute of Technology Kharagpur presents

5th Indo-Austrian Symposium on Materials Engineering

12th & 13th December, 2024

Organized by: Department of
Metallurgical and Materials Engineering,
IIT Kharagpur

Convener: Prof. Rahul Mitra

Introduction

The Department of Metallurgical and Materials Engineering at IIT Kharagpur is privileged to host the 5th Indo-Austrian Symposium on Materials Engineering (IASME 2024), scheduled for December 12th and 13th, 2024. Primary goals of this Symposium are to address challenges related to materials for high temperature applications, new horizons in advanced steels, research activities in additive manufacturing, materials for sustainable societies and solutions for preventing environmental degradation of materials. IASME 2024 seeks to bring together scientists, researchers, and engineers with varied backgrounds, encompassing research institutes, universities, and industries, to facilitate sharing of ideas and collaboration. We warmly invite you to join us in Kharagpur on December 12th and 13th, 2024.

Thrust Areas

- High-temperature materials
- Advanced Steels
- Additive manufacturing
- Materials for Sustainability
- Environmental degradation

About MME Dept. @ IIT KGP

The Department of Metallurgical and Materials Engineering, with a seven-decade legacy, focuses on extractive and physical metallurgy along with processing, microstructural characterization, mechanical behavior and environmental degradation of materials, as well as computational approaches for design and development of materials. Over the years, it has also expanded into diverse areas such as energy materials, biomaterials, ceramics & composites, electronic and magnetic materials, and computational modeling, serving as a model for academia nationwide. Our community includes undergraduate and postgraduate students, research scholars, faculty, and staff. Renowned for our comprehensive curricula and alumni leadership, we engage with various private and public organizations, providing innovative solutions. Committed to academic excellence and nation-building, we evolve to meet the changing needs of academia and industry, nurturing the next generation of leaders.

About IIT Kharagpur



Kharagpur - a dusty town tucked away in the eastern corner of India, famous until 1950 as home to the longest railway platform in the world - became the nursery where the seed of the IIT system was planted in 1951. IIT Kharagpur started its journey in the old Hijli Detention Camp in Eastern India, where some of the country's great freedom fighters toiled and sacrificed their lives for India's independence. Spurred by the success of IIT Kharagpur, four younger IITs sprouted around the country in the two following decades, and from these five came thousands of IITians, the brand ambassadors of modern India. It was the success of this one institution at Kharagpur that wrote India's technological odyssey.

The Institute takes pride in its relentless effort to provide the best platform for both education as well as research in the areas of science and technology, infrastructure designs, entrepreneurship, law, management, and medical science and technology. IITKGP is not just the place to study technology, it is the place where students are taught to dream about the future of technology and beam across disciplines, making differences enough to change the world.

Important Dates

Abstract Submission Opens: May 15, 2024

Abstract Submission Closes: August 31, 2024

Last Date for Early

Bird Registration: August 31, 2024

Closure of Registration Portal: November 1, 2024

Announcement of Final Program: November 2, 2024

Local Organizing Committee

- Prof. Shiv Brat Singh, Chairman
- Prof. Rahul Mitra, Convener
- Prof. Tapas Laha, Co-Convener
- Prof. Sumantra Mandal, Co-Convener
- Prof. Kaushik Biswas, Treasurer
- Prof. J. Dutta Majumdar, Co-Ordinator, Technical Committee
- Prof. D. Chhakrabarti
- Prof. T. K. Bandyopadhyay
- Prof. Mangal Roy
- Prof. Indrani Sen
- Prof. Chenna Rao Borra
- Prof. Manas Paliwal
- Prof. Amlan Dutta
- Prof. Sankha Mukherjee

Registration Fee (Early-bird) *

Foreign Delegates: **USD500**

Academia: **₹10000**

Industry: **₹12000**

Students: **₹4000**

*Registration fee includes conference materials, food, and certificates for participants. Fees exclude GST (currently @18% of registration fee), which must be paid during online registration. Additionally, the registration fee does not include lodging expenditure. Limited in-campus accommodations are available on a first-come, first-served basis. For more details, contact the resource person.

Registration Fee (Regular*)

Foreign Delegates: **USD550**

Academia: **₹11000**

Industry: **₹13200**

Students: **₹4400**

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