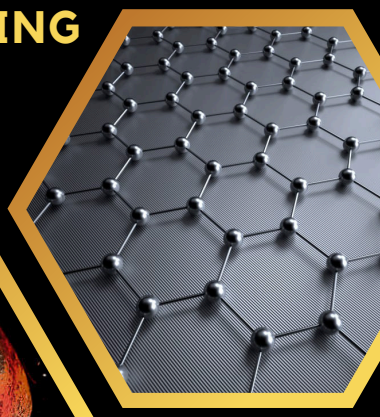
https://icpcm2024.com

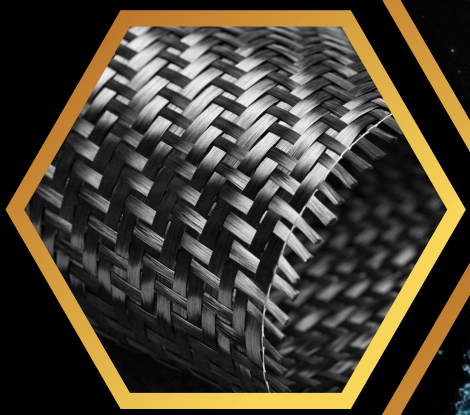
ICPCM 2024

6TH INTERNATIONAL CONFERENCE ON PROCESSING AND CHARACTERIZATION OF MATERIALS

An adaptation of 14th National Conference on Processing and Characterization of Materials

Dec 5 - 7, 2024
Rourkela, India





Organized by
Department of Metallurgical and Materials Engineering
National Institute of Technology, Rourkela
Odisha, India - 769008

About the Conference

Department of Metallurgical and Materials Engineering, National Institute of Technology is going to organize the 6th edition of International Conference on Processing & Characterization of Materials (ICPCM 2024) to provide a platform for scientific and industrial collaboration. ICPCM is an adaptation of National Conference on Processing and Characterization of Materials (NCPCM) which started in the year 2011 and subsequently being organized annually. This conference has been a great success in multiple facets such as effective knowledge sharing, technology transfer, academia-industry interaction, research networking and so on. Researchers from academia, laboratories, and Industry personnel across the globe will deliver talks on diverse advancements in materials processing and characterization. The conference will also provide an opportunity for the young researchers to develop concepts from distinguished Scientists, Engineers, Researchers and Technocrats.

Important Dates

Event	Date
Abstract Notification Starts	Jul 01, 2024
Abstract Submission Closes	Sep 15, 2024
Abstract Acceptance Notification	Sep 30, 2024
Registration Opens	Oct 01, 2024

Event	Date
End of Early Registration	Oct 30, 2024
End of Late Registration	Nov 30, 2024
Full Paper Submission	Nov 15-30, 2024
Conference	Dec 05-07, 2024

Registration Fee (including GST)

Category	Early Registration (Oct 01-30, 2024)	Late Registration (Nov 01-30, 2024)
Presenting Students	₹ 6500	₹ 8000
Presenting Delegates from Academia and R&D Labs	₹ 8000	₹ 10000
Presenting Delegates from Industries	₹ 10000	₹ 12000
Presenting International Delegates (Online)	US$ 150	US$ 200
Attendee & Accompanying Persons	₹ 3000	₹ 4000

Thematic Fields

- Green steel Production
- Mineral beneficiation for iron and steel industries
- Steel for Defense industries
- Stainless and Special Steels
- Advances in non-ferrous metal industries
- Modelling and Simulations in Materials Engineering
- Materials Designing
- FRP Composites
- Advanced Polymer & Ceramic Materials and their Composites
- Metal Matrix Composites
- Bio Materials
- Recycling and reuse of Materials
- Waste Management
- Corrosion & Degradation
- Surface Engineering
- Advanced Materials Charaterization
- Nanostructured Materials
- Smart Materials
- High Entropy Alloys
- Bulk metallic glasses
- Additive Manufacturing
- Texture in metals and alloys
- High temperature Materials
- Materials for Energy storage
- Materials for renewable Energy

Conference Publication

Along with the following confirmed books/journals, the organizing team is approaching other relevant internationally reputed publishing houses for publication of the conference articles in a variety of SCI/Scopus indexed journals/books and shall be updated continuously.

Sponsorship

- Platinum ₹ 2,00,000 10 delegates
- Diamond ₹ 1,00,000 5 delegates
- Gold ₹ 75,000 3 delegates
- Silver ₹ 50,000 2 delegates
- Bronze ₹ 25,000 1 delegates

Advertisement

An abstract booklet will be released during the inauguration of the conference and will be provided to the delegates of the conference, and shall be circulated both Nationally and Internationally. Advertisements can be published in the booklet with the following rates.

Back Cover Page	Full Page (Color)	Half Page (Color)	Full Page (Black & white)	Half Page (Black & white)
₹ 30000	₹ 20000	₹ 15000	₹ 15000	₹ 10000

Organizing Committee

- Prof. A. Basu
- Prof. K. K. Mehta
- Prof. S. K. Sahoo
- Prof. S. N. Alam
- Prof. A. Mallik
- Prof. M. Kumar
- Prof. S. K. Dinda
- Prof. A. Sarkar
- Prof. N. Yedla
- Prof. S. Acharya
- Prof. K. Dutta
- Prof. P. G. Ranaware
- Prof. S. K. Karak

Advisory Committee

- **Prof. Dr. Jurgen Eckert**, Director of Materials Physics of the University of Leoben, Austria.
- **Prof. Upadrasta Ramamurty**, President's Chair in Mechanical and Aerospace Engineering and Materials Science and Engineering, Nanyang Technological University, Singapore.
- **Dr. Bhaskar Majumdar,** Professor, Defence Institute of Advanced Technology, Pune, India.
- **Prof. Somnath Bhattacharyya,** Professor, Department of Metallurgical and Materials Engineering, Indian Institute of Technology Madras.
- **Prof. B Gangadhara Prusty,** Director of the ARC Training Centre for Automated Manufacture of Advanced Composites (AMAC), University of New South Wales, Australia.
- **Dr. Subrata.Mukherjee,** Head, Advanced Materials and Characterization Research Group, Research and Development, Tata Steel Ltd., Jamshedpur, India.
- **Dr. Bharat Gwalani**, Department of Materials Science and Engineering, North Carolina State University, USA.
- **Prof. Chandra Sekher Yerramalli**, Professor, Department of Aerospace Engineering, IIT Bombay.
- **Prof. Josemon Jacob,** Professor, Department of Materials Science & Engineering, Indian Institute of Technology Delhi.
- **Prof. G.P. Chaudhari,** Professor, Department of Metallurgical and Materials Engineering, Indian Institute of Technology Roorkee.
- **Prof. Manoj Gupta**, Provost's Chair Professor, Materials, National University of Singapore.
- **Mr. Biswadeep Bhattacharjee**, Vice President, Green Steel, Primetals Technologies India Private Limited.
- **Prof. Pradeep Menezes**, Associate Professor, Mechanical Engineering, University of Nevada Reno.
- **Prof. Pradeep Rohatgi**, Professor, University of Wisconsin-Milwaukee, USA.
- **Prof. Nikhil Gupta,** Professor, Department of Mechanical and Aerospace Engineering, New York University.
- **Prof. Rajiv Asthana**, Professor, Robert F. Cervenka School of Engineering. University of Wisconsin-Stout, USA.
- **Prof. Tuan Anh Nguyen**, Senior Principal Research Scientist, Vietnam Academy of Science and Technology.

Conference Core Committee

CHIEF PATRON: **Prof. K. Umamaheshwar Rao**,
Director, NIT Rourkela

PATRON: **Prof. Debasis Chaira**,
HOD, Metallurgical and Materials Engineering, NIT Rourkela

CHIEF ADVISOR: **Prof. Bankim Chandra Ray**,
Metallurgical and Materials Engineering, NIT Rourkela

CHAIRPERSONS: **Dr. Anshuman Patra** & **Dr. Rajesh Kumar Prusty**,
Metallurgical and Materials Engineering, NIT Rourkela

SECRETARY: **Dr. Ajit Behera**,
Metallurgical and Materials Engineering, NIT Rourkela

ICPCM 2024

Scan QR for more details

Contact

Chairpersons

Dr. Anshuman Patra	Dr. Rajesh Kumar Prusty
patraa@nitrkl.ac.in	prustyr@nitrkl.ac.in
0661 - 246 2574, 8917483254	0661 - 246 2598, 9861133420

General contact

https://icpcm2024.com

Department of Metallurgical and Materials Engineering,
NIT Rourkela, Odisha, India - 769008

Dec 5 - 7, 2024
Rourkela, India