



1st International Symposium on Materials for Sustainable Development

December 20-21, 2024

Call for Abstracts

Important dates

Call open for Abstracts:	10 Oct 2024
Deadline for Abstracts:	05 Dec 2024
Confirmation of Acceptance:	10 Dec 2024
Early-Registration:	10 Dec 2024
Registration deadline:	19 Dec 2024
Conference start:	20 Dec 2024

For registration

Use the form link or scan the QR Code.

[Registration link](#)

Scan for
Registration



Scan for
Website



Contact

For more information please drop an email to ismsd@iiti.ac.in

Organized by

Indian Institute of Technology Indore

Dept. of Metallurgical Engineering & Materials Science

Department of Civil Engineering

Material Advantage Student Chapter IIT Indore

sponsored by **SPARC-UKIERI**

Symposium Themes

1. New and alternative materials

Metals & alloys, Concrete, Ceramic, Polymers, Composite, High entropy materials, Sustainable alternatives, Waste upcycling, Nano-materials, Treated or processed materials, etc.

2. Advanced or functional materials

Shape memory alloys, Energy storage materials, Bio-inspired materials, Metamaterials, Bacterial concrete, Functionally graded composites, etc.

3. Industrial applications

Improved processing/ manufacturing, 3D printing, Solidification and Casting, Product design, etc.

4. Computational methods

Computational engineering of materials, Property predication models, Sustainability assessment tools, Service life estimation, Risk assessment, etc.

Detailed list on website <https://ismsd.iiti.ac.in/>



1st International Symposium on Materials for Sustainable Development

December 20-21, 2024



Registration Fees

Registering category	On or before Dec 05, 2024	After Dec 05, 2024
Indian Student*	2000 INR	2500 INR
Indian Faculty*	6000 INR	7000 INR
Indian Industry	8000 INR	9000 INR
International Participant	300 USD	400 USD

*Valid institute id is needed for registration

#Registration includes: 1×Book of abstracts, 1×Starter Kit,
2×Breakfast, 2×Lunch, 1×Gala Dinner

Abstract template will be available [<<here>>](#)

Abstracts should be submitted using the link [<<here>>](#)

Accepted Abstracts will be given a Acceptance Number,
and shared to corresponding Author through email.

Upon acceptance, authors will need to register to present
their work at the conference. The acceptance number
must be submitted during the registration process.

Authors will also receive a participation certificate, for
attending the symposium and presenting their work.

Organizing Committee IIT Indore

Patron

Prof. Suhas S. Joshi

Director, IIT Indore

Convener

Prof. Vinod Kumar

Associate Professor, Metallurgical Engineering & Materials Science

Prof. Sandeep Chaudhary

Professor, Civil Engineering

Dr. Boksun Kim

Associate Professor, SECAM, University of Plymouth, UK

Advisory Committee

Prof. Neelima Satyam

Professor, Civil Engineering

Prof. Pavan Kumar Kankar

Professor, Mechanical Engineering

Prof. Jayaprakash Murugesan

Associate Professor, Metallurgical Engineering & Materials Science

Prof. Mrigendra Dubey

Associate Professor, Metallurgical Engineering & Materials Science

Prof. Kaustav Bakshi

Assistant Professor, Civil Engineering

Prof. Baadiga Ramu

Assistant Professor, Civil Engineering

Prof. Khushubo Devi

Assistant Professor, Metallurgical Engineering & Materials Science

Prof. Ranjith Kumar Poobalan

Assistant Professor, Metallurgical Engineering & Materials Science

Prof. K. V. Vamsi

Assistant Professor, Metallurgical Engineering & Materials Science

Prof. Vivek Varma

Assistant Professor, Metallurgical Engineering & Materials Science

Prof. Nisheeth Kumar Prasad

Assistant Professor, Metallurgical Engineering & Materials Science

About the Symposium

It often happens that materials and innovation in one domain, have better applicability and sustainability in another domain. The cross-disciplinary application of materials and associated inter-disciplinary research, is the reason that researchers from all domain should gather to bring about the sustainable development. An inter-disciplinary discussion forum can spark new ideas, that can better contribute to sustainability.

Keeping in line with the Sustainable Development Goals, the symposium aims to bring together researchers, academicians, industry from all fields of science and engineering around the globe. The symposium will cover sessions from some of the leading experts in the field of Materials. The symposium will provide an excellent opportunity for Researchers and Academicians (specially Students) to present their work in the field of Materials and identify inter-disciplinary and cross-disciplinary potential of their work towards Sustainable Development.

The first international symposium on Materials for Sustainable Development (ISMSD 2024) is organized by the Indian Institute of Technology Indore (IIT). IIT Indore is a premier institution of national importance, known for its cutting-edge research, academic excellence, and contributions to technological innovation. IIT Indore was established in 2009, and in less than 15 years it has risen to top 500 universities of the World (#477 QS world university ranking). IIT Indore leads all the new IITs in research quality. Many more milestones have been achieved in a short period of time, which can be credited to its world class faculty and exceptionally bright students..