7-days of Theory and Practice Workshop on

Advanced Manufacturing and Materials

Under the Karyashala Scheme

An Initiative by SERB, Govt. of India

Organized by,

Dept. of Mechanical Engineering,
Indian Institute of Technology Indore

17th June-23rd June,2023

No Registration Fees

Course Objective

The objective of the program is to broaden the technical knowledge in the field of advanced manufacturing and materials such as 3D printing, Joining and welding of new materials, High entropy alloys, Laser texturing, Advanced forming techniques and microstructure, property characterization of additive manufactured components. Besides technical sessions, there are training sessions for using welding techniques, laser based additive manufacturing, and mechanical testing equipment and materials characterization will also be part of the program.

About Karyashala

The 'KARYASHALA' scheme by SERB is intended for skill development training on topics required for scientific research work. It is an effort to improve the research productivity of promising Master graduate and PhD students from universities and colleges through high-end workshops on specific themes. This program aims to provide students with opportunities to acquire specialized research skills.

Important Dates

Karyashala Dates: 17th June-23rd June 2023
Registration Opens: 17th May 2023
Registration Deadline: 10th June 2023
Number of Participants: 25
Location: POD 1B-401, IIT Indore

Important Information

Eligibility: ME/MTech/MS/PhD students of specialization relevant to the Karyashala theme
Travel Expenses will be Reimbursed to the selected applicants upon producing the original sleeper train/bus tickets as per SERB norms.
Accommodation for participants will be provided in the IIT Indore hostel with catering services.

About IIT Indore

Indian Institute of Technology Indore (IIT Indore) is a distinguished academic institution established in 2009 in Indore, Madhya Pradesh. The department of mechanical Engineering emphasizes on employing scientific and engineering methodologies to advance fundamental knowledge and practical applications to find amicable solutions for the real-world problems and work on the cutting-edge research problems that benefits the society in large.

Course Faculty

Dr. Neelesh Kumar Jain, Professor, ME, IIT Indore
Dr. I.A. Palani, Professor, ME, IIT Indore
Dr. Kazi Sabiruddin, Associate Professor, ME, IIT Indore
Dr. Jayapraksh Murugesan, Associate Professor, MEMS, IIT Indore
Dr. Yuvraj Madhukar, Assistant Professor, IIT Indore
Dr. Girish Verma, Assistant Professor, ME, IIT Indore
Dr. Ashish Rajak, Assistant Professor, ME, IIT Indore
Dr. Dan Sathiaraj, Assistant Professor, ME, IIT Indore

How to Apply?

Applicants need to register using the Google form link or QR code given below:
Registration Link

Below is the link for NOC form:
NOC

Contact for Further Queries

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Coordinator: Dr. Dan Sathiaraj, Assistant Professor, Department of Mechanical Engineering, IIT Indore.
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Notes: **100% attendance is mandatory for travel claims and certificates.**Selected candidates will have to confirm participation through an acknowledgement mail. Failing to this, the waitlisted candidates may be called for attending the workshop*