



High End Workshop on DOE, Material Characterization and Advanced Manufacturing Techniques (Online Mode)

(Under the KARYASHALA Scheme - A SERB initiative)

September 20-26th 2021

Funded By

Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India under Accelerate Vigyan Scheme

Organized by

Department of Mechanical Engineering, PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur

About IIITDM

PDPM IIITDM Jabalpur is an Institute of National Importance, established by Government of India in 2005 with a focus on education and research in IT enabled Design and Manufacturing. Since its inception, PDPM IIITDM Jabalpur has been playing a vital role in producing quality human resources for contribution in India's mission of inclusive and sustainable growth. The Institute offers undergraduate, post graduate and PhD programs in Computer Science and Engg., Electronics and Communication Engg., Mechanical Engg., Design and PhD programs in Natural Sciences (Mathematics and Physics). Under IIIT act, the Institute has been declared as an Institute of National Importance in January 2015. The Institute is located at a distance of 10 kms from the Jabalpur railway station and 5.5 kms from Dumna Airport, Jabalpur. <http://www.iiitdmj.ac.in>

About the Course

'KARYASHALA' is aimed to provide hands-on experience to the students primarily from universities, colleges, private academic institutions and newly established institutes in handling / troubleshooting of high-end scientific instruments and such skill development on themes required for research work. The program is meant to support motivated PG and Ph.D. level students, who are having a strong willingness to get excellence in their scientific and engineering research pursuits. Following are the objectives of this high end workshop:

1. To impart the knowledge of design of experiments and thus enable the scholars to understand it with real life examples
2. To demonstrate and hands on with the different advanced manufacturing equipment available with the institute
3. To develop programming skills among researchers to deal with customized coding problems related with their research work
4. To impart knowledge on various avenues of active research in mechanical engineering and interdisciplinary areas



Who can attend: Karyashala is open to postgraduate students/research scholars from all Institutes, Colleges and Universities. Preference will be given to the students having interest towards Advanced Design, Manufacturing and Characterization. **There is no registration fees.**

How to Apply? <https://docs.google.com/forms/d/17MYeMnt9CsjE8U1ZBSxWlfWohzPyDVNjyFXwORFMWio/edit?ts=60dd6420>

or scan



Tentative Resource Persons

- Dr. P. M. Pandey, IIT Delhi
- Dr. Puneet Tandon, IIITDM Jabalpur
- Dr. V. K. Gupta, IIITDM Jabalpur
- Dr. Mukesh Kumar Roy, IIITDM Jabalpur
- Dr. Prashant K. Jain, IIITDM Jabalpur
- Dr. Pavan Kankar, IIT Indore
- Dr. Zahid Ansari, IIITDM Jabalpur
- Dr. Amit Singh, MNIT Jaipur
- Dr. Harpreet Singh, IIITDM Jabalpur
- Dr. Manu Srivastava, IIITDM Jabalpur
- Dr. Sandeep Rathee, NIT Srinagar
- Dr. Mohammad Taufik, MANIT Bhopal
- Dr. Narendra Kumar, NIT Jalandhar

Important Dates

Registration opens

August 15, 2021

Last date for application

September 15, 2021

Display of shortlisted candidates

September 16, 2021

Workshop dates

September 20-26, 2021

Event Organizer

Dr. Prashant K. Jain
Professor (ME Discipline)

pkjain@iiitdmj.ac.in

(9425800310)

Dr. Manu Srivastava

Assistant Professor (ME Discipline)

manu@iiitdmj.ac.in

(9818614959)