



## High-End Workshop (KARYASHALA) On

**“Metamaterial/Metasurface enabled  
RF and Microwave Circuits for  
5G/6G Technologies and beyond”**

**Sponsored by Science and Engineering  
Research Board (SERB)- Department of  
Science & Technology (DST), GoI,  
under the Accelerate Vigyan scheme**

**10<sup>th</sup> July-16<sup>th</sup> July 2023  
(Physical Mode)**

Organized  
By

**Department of Electronics and  
Communication Engineering, PDPM-  
Indian Institute of Information  
Technology Design and Manufacturing  
Jabalpur  
Jabalpur-482005, MP, India**



## About the KARYASHALA

Karyashala is a noble initiative of Science and Engineering Research Board (SERB)-Department of Science & Technology (DST), Government of India under Accelerate Vigyan (AV) scheme to improve the research productivity of potential Masters and Ph.D students from Academic Institutions, Universities, R&D organizations and colleges through high-end workshops in selected thrust areas. This scheme aims to provide opportunities to acquire specialized research skills. <https://acceleratevigyan.gov.in/home>

## About the ECE Department

The Department of ECE offers 4 years B. Tech programme to cater to the ever-challenging demand of technical excellence in field of Electronics and Communication. In addition, it has strong research programs leading to M.Tech and Ph.D. degree in the major research areas of ECE. The department is well equipped with high-end design, fabrication and measurement facilities. For more detail, please login to [www.iiitdmj.ac.in/ece.iiitdmj.ac.in/](http://www.iiitdmj.ac.in/ece.iiitdmj.ac.in/)



## About the Institute

IITDM Jabalpur is an “Institute of National Importance” established by Ministry of Education, Govt. of India in 2005 to prepare trained and high skilled professionals in the area of IT enabled design and manufacturing. For more detail, please refer Institute’s website <https://www.iiitdmj.ac.in>



## Organizing Committee

**Chief Patron  
Prof. Bhartendu Kumar Singh  
Director, IITDM Jabalpur**

**Patron  
Prof. Dinesh Kumar V.  
Dean, RSPC, IITDM Jabalpur**

**Convenor  
Dr. Matadeen Bansal  
Head, ECE, IITDM Jabalpur**

**Event Coordinator  
Dr. Manoj Singh Parihar  
IITDM Jabalpur**

**Resource Persons**  
Speakers from reputed institutions such IITs, IITs, NITs and industry will be delivering expert lectures along with hands-on training sessions

**Who Can Attend?**  
Students pursuing their Master’s or Ph.D. degree from recognized University and Institute in the relevant area are eligible to apply

**Venue**  
Visitors’ Hostel  
IITDM Jabalpur,  
Dumna Airport Road  
Jabalpur-482005, MP,  
India



## Eligibility Criteria

❖ Students pursuing M.Tech/M.E./M.S. (Research)/MSc (Eng.)/ Ph.D or equivalent degree in Electronics & Communication/ Electronics & Instrumentation /Electrical Engineering/ Electrical and Electronics Engineering or in equivalent and allied stream from recognized University/Institute/College.

❖ The candidates with knowledge of RF & Microwave Circuits (Filters, Couplers, Antennas, Transmission lines), Wireless Communications and with background of simulation tools such as CST, HFSS, IE3D, ADS, MATLAB etc. will be given preference.

## Nature of Support and Other Terms & Conditions

- The workshop will be conducted in Physical mode at IIITDM Jabalpur.
- The number of participants is strictly limited to 25 candidates (as per SERB norms).
- The participants must provide **NOC** on Institute's letterhead from Supervisor / Head of the Department / Head of the Institute, indicating their association with the institute, hence allowing their student for workshop, if selected.
- A certificate shall be issued to the participants by the event organizer and head of the department on satisfactory participation in the workshop.
- All the daily expenses such as Accommodation, Food, Consumables and Stationery will be borne by the Institute as per SERB norms. Besides, the participants will be eligible for Travel Allowance (TA) reimbursement for their journey to the host institute from their hometown / home institute, both ways, as per GoI norms.
- The selected candidates need to acknowledge and accept the offer of participation through return email, failing which the waitlisted candidates will be called for the workshop.

## Registration Guidelines

- ❖ There is no registration fee to participate in the workshop.
- ❖ During registration, the candidate must upload their student ID card, NOC letter duly signed by the competent authority, and the latest CV.
- ❖ Interested students can apply online through the given link of Google form.
- ❖ The last date to apply is **20<sup>th</sup> June 2023**.
- ❖ Shortlisted candidates will be intimated by **22<sup>nd</sup> June 2023** by email. List of selected candidates will be uploaded on Institute's website as well

**To register for the workshop please scan**



**SCAN ME**

**<https://forms.gle/s579ogNVNCEXDjSB9>**

### Contact details:

**For any queries related to workshop please contact to the course coordinators.**

**Dr. Manoj Singh Parihar, Coordinator**

**Email: [mparihar@iiitdmj.ac.in](mailto:mparihar@iiitdmj.ac.in)**

**Mob: +919425156309, 0761-279-4467**

**Prof. Dinesh Kumar V., Co-coordinator**

**Email: [dineshk@iiitdmj.ac.in](mailto:dineshk@iiitdmj.ac.in)**

**Mob: +919425805411, 0761-279-4463**

## NOC Format

### To Whom It May Concern

This is to certify that [Student's Full Name and Roll Number], is a bona fide student of [School/Institution Name], has sought permission to attend the high-end workshop entitled [Workshop Name], which is scheduled [Workshop Dates] at [Workshop Venue].

We hereby confirm that we have no objection to the student attending the workshop and encourage their participation in such educational events that can further enhance his/her knowledge and skills.

Signature of the applicant

Recommended and forwarded

Signature of the Supervisor/Head of the Department / Head of the Institution with seal