

**Joint Online Faculty Development Programme** 

# **MATLAB Programming**

August 22-September 02, 2022

Organized by

MNIT Jaipur, NIT Patna & PDPM IIITDM Jabalpur







## **Course Contents**

- Introduction to MATLAB User Interface
- Basic Operations, Using MATLAB as Calculator
- Handling Variables, Data Format, Expressions and Matrices
- Conditional/logical Statement, Execution Control, Loops,
- Writing Functions, Data Input/Output in Various Format
- 2D Plotting Visualization Using MATLAB, 3D Plots
- Modifying plots using property editor, Automating Plots
- Building Graphical User Interface (GUI)
- Polynomials, Curve fitting and interpolations
- Debugging and Troubleshooting programs
- Development Tools and Programming Techniques, Symbolic Math
- Building GUI's with tool bars, Sliders, Toggle buttons, Radio button
- MATLAB Applications demonstration
- Generating Executable Files and Stand Alone Applications

## **Speakers**

- Dr. Pulak Mohan Pandey, IIT Delhi
- Dr. Prashant K. Jain, IIITDM Jabalpur
- Dr. Pavan K. Kankar, IIT Indore
- Dr. Amit Singh, MNIT Jaipur
- Dr. Mohammad Taufik, MANIT Bhopal
- Dr. Narendra Kumar, NIT Jalandhar

## **Venue and Time**

Workshop will be conducted online using Zoom platform daily four hours in two sessions from 3:30pm onwards

## **Principal Coordinator**

# Prof. Prashant K. Jain

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Phone: 0761-279 4415, 94258 00310 (M)

### **Programme Features**

- Course will be beneficial to beginners of MATLAB as well as practitioners of different domain
- Teaching methodology will be adopted in such a manner so that all can cope up even those who do not possess any prior knowledge of programming
- All participants can use MATLAB Software ONLINE or download trial version

## **Registration Details**

Registration link - Please fill out registration using the following link

https://forms.gle/LLLTHCHgHtpJqXR76

**Indian Participants -**

Academic (student/faculty): 500 INR

Industry Participants and Others: 1000 INR

Foreign Participants – SAARC/African countries

Academic (student/faculty): - Rs. 500/-

Others - Rs. 1000/-

**Rest of the countries** 

Fee - US\$ 60 or British £ 50

Last Date for Registration : August 08, 2022

### Online payment details

Beneficiary Name : EICT Academy

Bank Name: INDIAN BANK A/C No.: 50302042708 IFSC Code: IDIB 000 M694

Branch: Mehgawan, IIITDM Branch

### **Contact Us**

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