

## ABOUT NMIET

NMVP's NMIET (Nutan Maharashtra Institute of Engineering and Technology) was founded in 2008. The All-India Council for Technical Education (AICTE) in New Delhi and the Maharashtra Government's Directorate of Technical Education (DTE) have both recognized the institute. It is a part of Pune's Savitribai Phule Pune University (SPPU). There are seven undergraduate courses offered by the Institute. Electronics and Telecommunication Engineering Computer Engineering, Information Technology, Mechanical Engineering, Computer science & Eng, CSE- AI, AI-ML are some of the undergraduate courses available. Furthermore, the Nutan Maharashtra Institute of Engineering and Technology (NMIET) began offering Bachelor of Vocational (B.VOC) Courses in 2019. Automotive Manufacturing Technology, Refrigeration and Air Conditioning, Graphics and Multimedia, and Software Development are all B.VoC courses.

## ABOUT FDP

In this FDP, we will engage beginner and intermediate participants interested in getting started with Deep Learning, Machine Learning, AI and the Internet of Things (IoT) using MATLAB. With a hands-on exercise where you'll use a webcam and a neural network to recognize images, aggregate data, and run real-time IoT analytics. Our goal is to get you excited about IoT, Deep Learning, Machine Learning and AI and to set you up for success with various types of projects for research, projects and beyond. This FDP explores cutting-edge advancements in Deep Learning, Machine Learning, Signal Processing, Artificial Intelligence, IoT and Hardware Interfacing. Delve into hands-on sessions, including MATLAB Onramps for Signal Processing, Machine Learning, Deep Learning, and Code Generation. Engage with simulations, AI-driven models, and IoT solutions. Elevate your expertise and innovation potential with MATLAB

## RESOURCE PERSONS

Mr. Kunal Khandelwal-  
Application Engineer  
MathWorks , DesignTech  
Systems Pvt. Ltd.



Mr. Rohit Pawar- Application  
Engineer  
MathWorks , DesignTech  
Systems Pvt. Ltd.



## CHIEF PATRON

Hon. Shri. Sanjay (Bala) Vishwanath Bhegade, Ex-  
Minister (Maharashtra Govt.),  
President NMVPM, Talegaon

## PATRON

Shri. Ganesh Khandge, Vice-President, NMVPM  
Shri. Santosh Khandge, Secretary, NMVPM  
Shri. Rajesh Mhaske, Treasurer, NMVPM  
Shri. Nandkumar Shelar, Joint- Secretary, NMVPM  
Dr. Girish Desai, Exe. Director, PCET-NMVPM  
Dr. R. S. Jahagirdar- CEO, NMVPM  
Dr. S. N Sapali, Principal, NMIET  
Dr. Aparna Pande, Principal, NCER

## CONVENOR

Dr. Ashwini Shinde- HOD E&TC

## CO-CONVENOR

Prof. Harsha J. Sarode- E&TC  
Prof. Mahesh G. Chinchole-E&TC

## LOCAL ADVISORY TEAM

Dr. Vilas Deotare- Dean R&D  
Dr. Nitin Dhawas- Dean Academics  
Dr. Ashwini Shinde- HOD E&TC  
Dr. Satish More - HOD Mechanical  
Dr. Sanjeev Kumar Angadi- HOD CSE  
Dr. Sagar Shinde- HOD CSE-AI  
Dr. Chandrakant Kokane- HOD IT  
Dr. Prasad Dhore -HOD CE  
Dr. Shekhar Rahane Dean FE

## Supporting Team

Department of E&TC, NMIET

## VENUE

Computer Center Room No 109, Wing B, NMIET Talegaon  
Dabhade, 410507.



Five Days  
National  
Level FDP  
on



## Applications of AI, ML, and IoT using MATLAB and Simulink

24-01-2025 to 08-03-2025  
(Hybrid Mode)

Sponsored & Conducted By



In Association with  
The Institution of Electronics and Telecommunication  
Engineers (IETE)



Organized by  
Department of Electronics & Telecommunication  
Engineering

NUTAN MAHARASHTRA VIDYA PRASARAK MANDAL'S  
NUTAN MAHARASHTRA INSTITUTE OF  
ENGINEERING  
AND TECHNOLOGY

Under administrative support of  
Pimpri Chinchwad Education Trust (PCET)

Approved By AICTE-New Delhi, Govt. of Maharashtra and DTE  
(Mumbai), Affiliated to Savitribai Phule Pune University, Pune, India.



## WHO SHOULD ATTEND?

Faculty, PG and PhD scholars from various Engineering Colleges / Institutions/ Research Organizations can apply.

## REGISTRATION AND OTHER INFORMATION

- Registration Fees- 100/- Rs
- No TA/DA will be provided to participants
- No Accommodation will be provided
- Participants should submit the registration form dully signed by the head of the Institution.

## SCHEDULE INFORMATION

24<sup>th</sup> Jan 2025 - Offline  
25<sup>th</sup> Jan 2025 - Offline  
8<sup>th</sup> Feb 2025-Online  
22<sup>nd</sup> Feb 2025-Online  
8<sup>th</sup> March 2025-Offline

**The link for online mode will be shared on the same day.**

## IMPORTANT DATES

The last date for submitting an online application: 22<sup>nd</sup> January 2025.

## HOW TO APPLY

The registration form in the prescribed format, dully filled out in all respects and attested by the Head of the Institution, should reach the coordinator through Google form before the last date.

## ADDRESS OF THE CORRESPONDENCE

Prof. Harsha J. Sarode- -77589 80333  
Assistant Professor- E&TC  
Email- [harsha.sarode@nmiet.edu.in](mailto:harsha.sarode@nmiet.edu.in)

Prof. Mahesh G. Chinchole- 9579163885  
Assistant Professor- E&TC  
Email- [mahesh.chinchole@nmiet.edu.in](mailto:mahesh.chinchole@nmiet.edu.in)

## REGISTRATION LINK

<https://forms.gle/GVgBasMp5JDuw3YG7>

Scan the QR code to make the registration payment.



UPI ID : maheshvgsaskp@axisbank

## REGISTRATION FORM

### APPLICATIONS OF AI, ML, AND IOT USING MATLAB AND SIMULINK

1. Name: \_\_\_\_\_
2. Date of Birth: \_\_\_\_\_ Gender \_\_\_\_\_
3. Department: \_\_\_\_\_
4. Institute: \_\_\_\_\_
5. E-mail: \_\_\_\_\_
6. Mobile No: \_\_\_\_\_
7. Highest Qualification: \_\_\_\_\_
8. Specialization: \_\_\_\_\_

Endorsement from the Head of the Institution

I hereby certify that Mr./Ms/Dr \_\_\_\_\_ faculty of \_\_\_\_\_ has no objection to registering for the FDP on “APPLICATIONS OF AI, ML, AND IOT USING MATLAB AND SIMULINK”, at NMIET, Pune during 24/01/25 to 08/03/2025.

Place:

Date:

Name & Signature of the Head of the Department

(Institute Seal)