HOW TO APPLY/REGISTER

Registration Start Date	**01/05/2026**
Last Date of Registration	**15/05/2026**
Last date of deposition of fees	**15/05/2026**
Commencement of Training Program	**1/06/2026**

The fee will be paid through online mode. Registration charges are non-Refundable. Online registration can be done in following three steps: -

Step 1 :- Register by going through the following links or by scanning QR code.

https://forms.gle/jyLt83hDbMDSykQn6

Step 2: Fil the google form and upload the required documents.

Step 3 : - Submit the google form.

Note: Separate charge as per university norms will be applicable if any student is allowed for hostel accommodation during internship period.

Eligibility:
Students of various institutions comprising of **Diploma/ B.Tech / M.Tech / MSc /PhD to register**.

Account Details.
Account No.: 33542824744
IFSC Code : SBIN0002578
Account Name: Madan Mohan Malaviya University of Technology.
Bank Name: State Bank of India

COURSE FEE

Fee Type	Registration Fee
For Other University/Institute Students	**INR 2,500 /-**
For MMMUT Students	**INR 2,500 /-**

AWARDS

The participants who have completed a minimum of 3 minor projects and 1 major project with minimum of 75% attendance will be given "Successful Completion Certificate".

The best project from each domain from (IoT, Drone, Robotics, 3D Printing, Ansys and Artificial Intelligence) will be awarded.

SPEAKERS/INSTRUCTORS

- Prof. S. K. Soni, ECED, MMMUT, Gorakhpur
- Dr. Raj Kumar Singh, ECED(IoT), MMMUT, Gorakhpur
- Ms. Shweta Yadav, ECED(IoT),, MMMUT, Gorakhpur
- Dr. Suyash Kumar Singh, ECED(IoT),, MMMUT, Gorakhpur
- Dr. Ram Pravesh, ECED(IoT), MMMUT, Gorakhpur
- Dr. Praveen Kumar Rao, ECED(IoT), MMMUT, Gorakhpur,
- Dr. Archana Khurana, LPU
- Mr. Ankit Kumar, ECED, MMMUT, Gorakhpur
- Mr. Tushant, ECED, MMMUT, Gorakhpur
- Mr. Shivam Kumar, ECED, MMMUT, Gorakhpur
- Mr. Sumit Singh, ECED, MMMUT, Gorakhpur

REGISTER HERE

SCAN HERE

CONTACT US

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Six-Week Summer Internship on "IoT, Drone, Robotics, 3D Printing, Artificial Intelligence, Ansys Modelling and Simulation"

1 June to 10 July 2026

Organized By

IoT AND DRONE DESIGN LAB
Centre of Excellence
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY, GORAKHPUR, UTTAR PRADESH

Patron
Prof. J. P. Saini
Hon'ble Vice Chancellor
MMMUT, Gorakhpur

Chairman & Principal Coordinator
Prof. S. K. Soni
HOD, Electronics and Communication Engineering, MMMUT, Gorakhpur

Coordinator
Dr. Raj Kumar Singh
Assistant Professor
Electronics and Communication Engineering Department (IoT), MMMUT, Gorakhpur

Coordinator
Ms. Shweta Yadav
Assistant Professor
Electronics and Communication Engineering Department (IoT), MMMUT, Gorakhpur

ABOUT SCHEDULED EVENTS

INTERNET OF THINGS

1.	Introduction to IoT
2.	Introduction to NodeMCU / Arduino
3.	Hands-on IoT Components
4.	Introduction to Wi-Fi & MQTT
5.	LED Blinking using NodeMCU (Practical)
6.	Measurement of humidity & temperature of an open environment
7.	Wi-Fi based home automation using Node MCU (ESP8266) on Blynk platform

DRONE

1.	Introduction to Drone
2.	Drone Hardware Components
3.	Flight mechanics and control Systems
4.	CFD Analysis of UAV
5.	Aerodynamic Analysis of Propulsion System of UAV
6.	Design and Development of Drone using NAZA flight controller and frame designed in 3D printing
7.	Development of pre-guided path UAV (Drone) using Pixhawk flight controller.
8.	Developing the medical relief UAV using NAZA V2 flight controller to pick-&-drop First-Aid Box
9.	Developing the logistics based application Drone

ARTIFICIAL INTELLIGENCE

1.	Introduction to Artificial Intelligence
2.	Fundamentals of Machine Learning
3.	Types of ML: Supervised, Unsupervised, Reinforcement
4.	Real-world Applications
5.	Python Basics and Key Libraries
6.	Python Fundamentals: Variables, Control Flow, Functions
7.	Machine Learning Algorithms
8.	Supervised Learning: Regression, Classification Unsupervised Learning: Clustering, Dimensionality Reduction
9.	Deep Learning: Convolutional neural networks
10.	Image Classification using CNNs.

3D PRINTING

1.	Introduction to 3D Design and CAD Tools.
2.	Design of Quad-Copter drone frame using fusion 360 software and 3D printer.
3.	Design of IoT Node Casing in 3D printer.
4.	Lightweight FPV Quad-Copter

Robotics

1.	Introduction to Robotics
2.	Sensor and gripper mechanism, Derives and Control
3.	Robot Path Planning & Robot Operating System (ROS)
4.	Robot Modeling and communication in ROS
5.	Design, simulation of Robotics Project using ROS

ANSYS

1.	Introduction to ANSYS
2.	Antenna Design
3.	Electronics simulation.
4.	Project on Ansys