

Ref: -2025/NMAMIT/ Dean (R&amp;D)/07

03.06.2025

**NOTICE**

**Summer Research Internship Programme (2025-26) at NMAMIT**

NMAMIT is starting a Summer Research Internship Programme (this is not an alternative to the mandatory NU internship) for students of II and III year BE and MCA. The following is the list of faculty members who have expressed interest in guiding students for the Summer Research Internship, along with their areas of interest.

Sl.No	Name of the Faculty	Preferred Branch of the student	Research Area/Topic
1	Ravikiran Kamath B	AI&ML/AI&DS/R&AI	Prediction of Tribological Performance of Polymer Composites Using Artificial Intelligence Techniques
2	Dr. Bhojaraja B. E	Computer Science / Artificial Intelligence	3) Machine Learning Models for Hyperspectral Image Classification 4) Machine Learning-Based Hyperspectral Image Classification for Arecanut Crop Mapping and Health Assessment
3	Dr. Muralidhara	R&AI/ME/ECE/EEE	11) Investigations on position and orientation error in Ackerman steering mechanism based wheeled mobile robot.  12) Investigations on position and orientation error of mecanum wheeled mobile robot.  13) Investigations on position and orientation error of differential drive based wheeled mobile robot  14) Design and development of rehabilitation robot for the assessment of lower limb recovery  15) Design and development of novel 3D Position measurement sensor for

			<p>position and path error estimation of a 3-DOF Robot.</p> <p>16) Design and development of 2D position and orientation measurement system for a 2-DOF robot arm</p> <p>17) Laser distance sensor based three Axis robot end effector position and orientation measurement setup</p> <p>18) Three Axis gimbal setup with stepper motor based correction system</p> <p>19) Aruco Marker based Path tracing for Ackerman wheel, mecanum wheel and differential wheel robot</p> <p>20) Development of Shape Memory Alloy Wire characterization setup</p>
4	Dr. Pallavi K N	CSE, ISE, AIDS, AIML, Cyber Security, EC, CCE	Deep Learning, Machine Learning, Data Security
5	Dr. Rashmi Naveen	IS/CS/Cyber Security	Information security using cryptography & steganography.
6	Dr. Manjula Gururaj Ro	Any IT-related branch/ students interested in doing a project in ML/ DL/ NLP/ AI/ IMAGE PROCESSING	<p>5) Bird Species Classification Using Audio Signals and AI Techniques</p> <p>6) AI-Powered Fashion Try-On Using Virtual Fitting Room Technology</p> <p>7) Automatic Code Review Using NLP and Deep Learning</p> <p>8) Fake Face Detection Using DeepFake Recognition Models</p>
7	Dr. Sarvajith M S	BTE	Nanocomposites, Electrochemical sensors
8	Mrs. Swathi Hatwar H	EEE	dsPIC33 microcontroller evaluation kit
9	Mrs.Raksha AdappaEE	EEE	Air quality indicator using LoRa
10	Dr.Dinesh Shetty	EEE	Room Automation
11	Mr.Ravikiran Rao M	EEE	LED Driver
12	Dr.Keerthana B.Chigateri	Any IT-related branch	Machine Learning/Artificial Intelligence
13	Dr. Sneha Nayak	Biotechnology	Electrochemical Sensing
		IT branches (CS/IS/ AIML/AIDS)	AI in agriculture/ healthcare

14	Dr. Shyam Prasad K	EEE, ECE, ME	Synthesis and characterization of nanoparticles for super capacitor applications.
15	Dr. Nagaraja B S	EEE, ECE, ME	Preparation of nanoparticles for energy storage applications.
16	Dr. Pradeep Kanchan	CSE	Quantum Computing, Cyber Security, Wireless Sensor Networks

The interested students are hereby instructed to submit a filled-in enrolment form available at <https://drive.google.com/file/d/1c5uxwCshmWtX8nhJemK8i5JcU2o3bfg4/view> to the Dean (R&D) office **by 31st August 2025**.

Students who have registered for any other audit courses and internships (internal/external) are not eligible. On successful completion of the internship, a certificate will be issued by the college.



Dean (R&D)

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Principal Table