

Department of Electrical Engineering

Activity: "Innovative Teaching Learning Pedagogy"

Date & Day: 30/1/2025 Thursday

Activity Name: Live Programming

Subject: NMCP

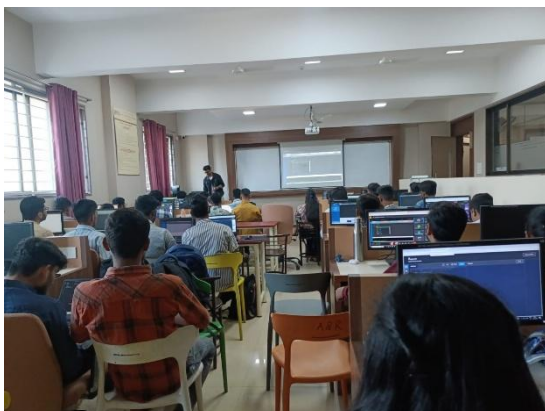
Venue: Computer & PLC Lab

Activity conducted by: Mr. Shashikant Prasad

Objectives:

- To enhance students' coding proficiency and problem-solving skills by demonstrating NMCP concepts through real-time programming.
- To bridge the gap between theoretical knowledge and practical application by providing hands-on exposure to coding NMCP-related problems.

Photographs:



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Outcome:

- Students will be able to implement NMCP concepts effectively through live coding, improving their practical programming skills.
- Students will develop the ability to analyze problems and write optimized code solutions in real-time scenarios.

Mapping of Pedagogy with POs and PSOs:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2	3	3	3	3	-	-	-	-	2	2	3	3	3	3

Mapping of POs and PSOs with Justification:

POs and PSOs Mapped	Justification
PO1	Applied fundamental mathematics and programming logic to develop algorithms for NMCP problems.
PO2	Analysed NMCP problems, identified parameters, and broke them into smaller coding tasks.
PO3	Designed and implemented effective code solutions for NMCP applications.
PO4	Tested, debugged, and refined live code outputs to ensure accuracy.
PO5	Used programming platforms and simulation tools to solve NMCP problems efficiently.
PO10	Communicated coding logic and solution strategies effectively during demonstrations.
PO11	Managed coding tasks and resources within the allotted time.
PO12	Learned and adapted new programming techniques for continuous improvement.
PSO1	Applied logical and technical skills to model, simulate, and analyze NMCP-related electrical systems.
PSO2	Developed innovative and efficient coding solutions that support sustainable engineering practices.
PSO3	Applied NMCP concepts in multidisciplinary contexts such as control systems and automation.



Course Coordinator


DAC
HOD