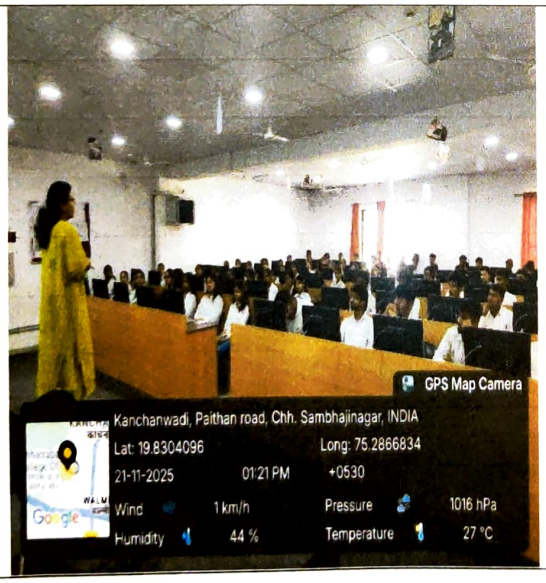
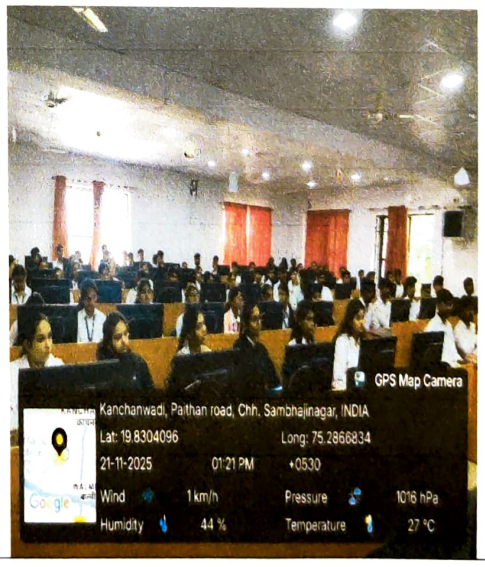
CSMSS

CHH. SHAHU COLLEGE OF ENGINEERING, CHH SAMBHAJINAGAR

DEPARTMENT OF ELECTRICAL ENGINEERING

Name of the event:	**Expert Lecture on "Artificial Intelligence and Machine Learning for Electrical Engineering"**
Date of the event:	21st Nov 2025.
Participants:	Students of the Electrical Engineering Department.
Expert of the event:	Dr. A. S. Gavali, Professor, Department of Artificial Intelligence & Data Science
Summary of the event:	The Department of Electrical Engineering organized an **Expert Lecture on "Artificial Intelligence and Machine Learning for Electrical Engineering".** It was a good experience for all the students. It was an interactive session conducted by Dr. A. S. Gavali Madam. This expert lecture explored the transformative intersection of Artificial Intelligence and Machine Learning (AIML) with applications in electrical engineering. The lecture started with foundational concepts of Electrical as well as machine learning. The session provided comprehensive insights into how AI and ML algorithms are revolutionizing power systems analysis, renewable energy forecasting, fault diagnosis, grid optimization, and electricity thefts.
Outcome:	➢ Students comprehended fundamental ML concepts, algorithm selection criteria, and feature engineering techniques applicable to electrical systems. ➢ Participants understood how to formulate classical electrical engineering problems as Machine Learning tasks. ➢ Career opportunities in AIML and electrical engineering increasingly favour hybrid expertise that combines both disciplines.
Photographs of the event:	 

Activity Coordinators
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Prof. P. S. More

HOD
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25/11/25
Principal
Dr. G. B. Dongre