

Chettinad College of Engineering & Technology, Karur

Department of Electrical and Electronics Engineering

News Report

Programme Name: 5 Days - Industrial Training

Date: 17-03-2025 to 21-03-2025

Class & No. of Participants: III Year EEE & 5 students

Venue: Chettinad Cement Corporation Pvt. Ltd, Karikali, Dindigul.

Description:

The Department of Electrical and Electronics Engineering organized a five-day industrial training session from March 17 to 21, 2025, for third-year students at Chettinad Cement Corporation Pvt. Ltd., focusing on electrical systems, power distribution, motor control, maintenance procedures, troubleshooting techniques, automation, and safety protocols. The training included plant visits, hands-on experiences, and interactive sessions with industry professionals.

On Day 1, students learned about the plant's electrical infrastructure and safety measures, and the comprehensive electrical system designed for large-scale operations followed by an orientation session by the electrical engineering team highlighting the importance of safety in preventing electrical hazards.

On Day 2, students visited the power distribution center, learned about distribution networks, switchgear, motor control systems, variable-frequency drives (VFDs), and strategies for efficient power supply and energy optimization.

On Day 3, students learned about motor control, maintenance, and troubleshooting activities and discussed preventive measure strategies. They also studied MCCs and components like starters and relays, contactors, and overload relays, as well as the importance of a systematic approach.

On Day 4, the Technical Engineers explained the selection and application of various motors used in cement production and covered transformer fundamentals, including construction, working principles, cooling methods, and maintenance procedures.

On the final day, students explored automation technologies and safety protocols, with a focus on PLC systems, learning how automation enhances efficiency and accuracy while safety measures prevent accidents.

We extend our sincere gratitude to Chettinad Cement Corporation Pvt. Ltd. for this exceptional training opportunity for our students. Special thanks to the HR team, electrical engineers, and all staff members who contributed to this enriching experience.

Industrial Training Photos:



Chettinad cement

Chettinad
College of Engineering & Technology
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Organizes 5 Days
INDUSTRIAL TRAINING

17-03-2025
21-03-2025

Chettinad Cement Corporation Ltd,
Karikali, Dindigul.

Exclusively for our III Year EEE Students

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