

Chettinad College of Engineering & Technology, Karur

Department of Electrical and Electronics Engineering

News Report

Programme Name: Power Audit

Date: 24-03-2025 to 28-03-2025

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

Venue: Government Medical College and Hospital, Dindigul.

Description:

A comprehensive Power Audit was conducted at the Government Medical College and Hospital, Dindigul from March 24, 2025, to March 28, 2025. The audit aimed to evaluate the energy consumption patterns, identify potential areas for energy conservation, and recommend strategies for improving overall energy efficiency.

The audit was executed by a dedicated team comprising third-year EEE students from Chettinad College of Engineering and Technology, Karur. The initiative was undertaken as part of their academic training and practical exposure in the domain of energy auditing.

The audit activities were carried out under the supervision of Mr. N. Vijayasarithi, Head of the Department / EEE, and Mr. S. Ragul, Assistant Professor / EEE. The faculty provided valuable guidance throughout the audit process, which included load analysis, identification of high-energy-consuming equipment, assessment of power factor, examination of lighting and HVAC systems, and evaluation of the overall electrical infrastructure.

This collaborative effort not only contributed to the professional development of the students but also provided insightful recommendations to the hospital administration for optimizing energy usage, reducing power costs, and promoting sustainable practices within the institution.

Energy Audit Photos:

