



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### REPORT ON NATIONAL ENERGY CONSERVATION DAY

**Date:18.12.2025**



As part of the observance of National Energy Conservation Day, a poster presentation titled “Decode the Data, Save the Energy” was organized by the Institution’s Innovation Council (IIC) in association with the Aadhavan Energy Swaraj Club and the Department of Electrical and Electronics Engineering at AVIT, Chennai Campus, under Vinayaka Mission’s Research Foundation (Deemed to be University). The event was held at the Siemens Integrated Engineering Design Research Lab on 18 December 2025, from 01:30 PM to 03:30 PM.

A total of 44 students participated in the event as presenters and audience. The program aimed to create awareness about energy conservation, encourage sustainable energy practices, and promote data-driven approaches for efficient energy utilization.

The event commenced with an introductory session highlighting the importance of National Energy Conservation Day and the role of engineers in achieving energy sustainability. Students presented posters on topics such as renewable energy systems, energy-efficient

technologies, smart grids, data analytics in energy management, and innovative conservation strategies.

The poster presentation provided an interactive and knowledge-sharing platform for students to demonstrate their technical understanding and innovative ideas. Faculty members evaluated the posters based on technical content, innovation, clarity of presentation, and relevance to contemporary energy challenges.

The key outcomes of the event include:

- Enhanced awareness of energy conservation and sustainable development.
- Improved understanding of data-driven energy analysis and optimization.
- Development of innovation and technical communication skills among students.
- Active participation and collaborative learning.

The program concluded with a valedictory session where faculty members appreciated the enthusiastic participation of the students and emphasized the importance of adopting energy-efficient practices in both professional and personal life. The event was successfully conducted and effectively achieved its objectives.



