Department of Electrical & Electronics Engineering

Activity Report

Title of the Event	**DIGITAL SYSTEM CONTROL IN MODERN POWER SYSTEM**
Date of Activity held	23/07/2023
Time of Activity	11:00AM to 1:00PM
Type of Activity (Cultural/ Cocurricular/Curricular)	Cocurricular Activity
Resource Person	Dr.Amarendra EE,CUK
Professional details of Resource Person	-
Program/Course/ Class	B.Tech./EEE/ 4th Semester
Number of Students attended	53
Number of Staff attended	4
Activity Incharge	Annarao patil
Description of Activity	Digital system control in modern power systems enhances the efficiency, reliability, and flexibility of electricity generation, transmission, and distribution. Utilizing advanced algorithms and real-time data, digital controllers optimize the operation of power grids, integrate renewable energy sources, and ensure stable power supply. Features like automated fault detection, load forecasting, and adaptive grid management enable quick responses to changing conditions, minimizing downtime and improving overall system performance. This technology is pivotal for creating smart grids that can meet the growing demands of modern society while supporting sustainable energy practices.

Activity Photograghs

Faculty of Engineering &Technology (CO-ED)	EEE Dept.	2022-23(Even Sem)