INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	DR. GATLA RANJITH KUMAR	Department:	CSIT
Regulation:	UG20	Batch:	2022-2026
Course Name:	Basic Electrical Engineering Laboratory	Course Code:	AEEC04
Semester:	I	Target Value:	60% (1.8 on 3 scale)

Attainment of COs:

	Course Outcome	Overall Attainment	Observations
CO1	Solve the electrical circuit source resistance, currents, voltage and power by applying various network reduction techniques.	2.3	Target Attained
CO2	Apply various network theorems to reduce complex network into simple equivalent network with DC excitation.	2.3	Target Attained
CO3	Examine the alternating quantities for different periodic wave forms and the impedance of series RC, RL and RLC circuits.	2.3	Target Attained
CO4	Apply magnetization characteristics of dc shunt generator for calculating the critical resistance and speed control methods and performance characteristics of DC Shunt machine for efficiency.	2.3	Target Attained
CO5	Examine the performance of single-phase transformers, induction motors and alternator by calculating efficiency and regulation.	2.3	Target Attained

Course Coordinator

Mentor

HOD

Head of the Department
Computer Science and Information Technology
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