



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. RAVI BABU T	Department:	Aeronautical Engineering
Regulation:	IARE - BT23	Batch:	2024-2028
Course Name:	Electrical and Electronics Engineering Laboratory	Course Code:	AEED03
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate an electric circuit by proving laws and solving theorems	1.20	0.00	1.2	Not Attained
CO2	Identify the performance characteristics of DC shunt motor by suitable test.	1.20	0.00	1.2	Not Attained
CO3	Discuss the performance of induction generator to study magnetizing characteristics.	1.20	0.00	1.2	Not Attained
CO4	Acquire basic knowledge on the working of diodes and rectifiers to study their characteristics.	1.20	0.00	1.2	Not Attained
CO5	Identify transistor configuration to deduce its working characteristics.	1.20	0.00	1.2	Not Attained
CO6	Use of half wave and full wave rectifiers to study the characteristics.	1.20	0.00	1.2	Not Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO1: Demonstrated electric circuits in the laboratory through practical experiments and circuit analysis.

CO2: Conducted suitable tests such as load test and no-load test in the laboratory to help students identify and analyze the performance characteristics of a DC shunt motor.

CO3: Discussed the performance through theoretical explanation and experimental observation during classroom and lab sessions.

CO4: Enabled students to acquire basic knowledge on the working principles through classroom instruction and laboratory experiments.

CO5: Guided students in identifying various transistor configurations through circuit analysis and lab-based experiments.

CO6: Demonstrated and guided students in studying their output characteristics through practical circuit implementation and waveform analysis in the classroom and lab.


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
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