



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G VISWANATH	Department:	Civil Engineering
Regulation:	IARE - BT23	Batch:	2024-2028
Course Name:	Electrical and Electronics Engineering Laboratory	Course Code:	AEED03
Semester:	I	Target Value:	70% (2.1)

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: Organized experiments to apply and validate circuit theorems such as Thevenin's, Norton's, Superposition, and Maximum Power Transfer.

CO2: Provided guided exercises for plotting performance curves and interpreting motor behavior under different operating conditions.

CO3: Delivered tutorials on interpretation of experimental data to connect theoretical concepts with practical observations.

CO4: Organized experiments to study the behavior of half-wave, full-wave, and bridge rectifiers under various load conditions.

CO5: Provided guided exercises for plotting characteristic curves and analyzing transistor behavior under different biasing conditions.

CO6: Conducted hands-on lab sessions where students built half-wave and full-wave rectifier circuits using diodes.


Course Coordinator


Mentor


Head of the Department
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