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:	**Elements of Electrical and Electronics Engineering**	Course Code:	**AEED01**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of basic electrical laws for solving DC and AC circuits.	1.80	2.00	1.8	Attained
CO2	Solve the network theorems to calculate the parameters in electrical circuits.	1.20	2.00	1.4	Not Attained
CO3	Demonstrate the fundamentals of electromagnetism for the operation of DC and AC machines.	1.20	1.90	1.3	Not Attained
CO4	Utilize the characteristics of diodes for the construction of rectifiers and regulators circuits.	1.20	1.90	1.3	Not Attained
CO5	Interpret the transistor configurations for optimization of the operating point.	0.80	1.90	1	Not Attained
CO6	Illustrate the amplifier circuits using transistors for computing hybrid parameters.	0.80	1.90	1	Not Attained

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

CO2: Taught and demonstrated the application of network theorems through classroom problem-solving sessions.

CO3: Demonstrated the fundamentals of electromagnetism through experiments and explanations to in classroom sessions.

CO4: Explained and demonstrated through hands-on lab sessions and circuit analysis in the classroom.

CO5: Explained various transistor configurations (CB, CE, CC) and guided students through circuit simulations and classroom exercises.

CO6: Illustrated transistor-based amplifier circuits and guided students practical demonstrations in the classroom.

Course Coordinator   Mentor   Head of the Department