



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Mr. RAVI BABU T** Department: **Computer Science and Engineering**
Regulation: **IARE - R20** Batch: **2022-2026**
Course Name: **Basic Electrical Engineering** Course Code: **AEEC01**
Semester: **I** Target Value: **70% (2.1)**

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	1.60	2.30	1.7	Not Attained
CO2 Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	1.60	2.30	1.7	Not Attained
CO3 Make use of various network theorems and graph theory for simplifying complex electrical networks.	1.60	2.30	1.7	Not Attained
CO4 Demonstrate the construction, principle and working of DC machines for their performance analysis.	0.90	2.30	1.2	Not Attained
CO5 Illustrate working, construction and obtain the equivalent circuit of single phase transformers.	1.60	2.30	1.7	Not Attained
CO6 Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	1.60	2.30	1.7	Not Attained

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

CO1: Make students to Solve more example networks in the classroom

CO2: Provide more problems on parallel circuits in Tutorial sessions to make students analyze circuits properly.

CO3: Make students to solve more problems for a better understanding of network theorems.

CO4: Organize a Guest lecturers from seniors in department on DC Machines and their performance analysis.

CO5: To make students understand working principles of transformers we Need to provide more real-time examples

CO6: Provide assignments on synchronous motors to Make students understand the same.


Course Coordinator


Mentor


Head of the Department