INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	**Dr. A NARESH KUMAR**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - R20**	Batch:	**2021-2025**
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.	3.00	2.20	2.8	Attained
CO2	Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	0.90	2.20	1.2	Not Attained
CO3	Make use of various network theorems and graph theory for simplifying complex electrical networks.	1.60	2.20	1.7	Not Attained
CO4	Demonstrate the construction, principle and working of DC machines for their performance analysis.	1.60	2.20	1.7	Not Attained
CO5	Illustrate working , construction and obtain the equivalent circuit of single phase transformers.	0.90	2.20	1.2	Not Attained
CO6	Explore electromagnetic lawsused for the construction and opertaion of synchronous and asynchronous machines.	1.30	2.20	1.5	Not Attained

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

CO2: A Demonstration in Lab will be arranged to make student strong in AC , DC circuits and Electrical networks

CO3: A Demonstration in Lab will be arranged to make student strong in AC , DC circuits and Electrical networks

CO4: A seminar by an expert from industry will be arranged to train students in usage of DC machines and Transformers.

CO5: A seminar by an expert from industry will be arranged to train students in usage of DC machines and Transformers.

CO6: A case study on electrical circuit characteristics will be discussed to enhance students interest in the same topic

Course Coordinator	Mentor	Head of the Department