INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Mr. S SRIKANTH	Department:	CSIT
Regulation:	UG20	Batch:	2021-2025
Course Name:	Basic Electrical Engineering	Course Code:	AEEC01
Semester:	I	Target Value:	60% (1.8 on 3 scale)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	2.7	2.5	2.7	Target Attained
CO2	Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	2.7	2.5	2.7	Target Attained
CO3	Make use of various network theorems and graph theory for simplifying complex electrical networks.	1.6	2.5	1.8	Target Attained
CO4	Demonstrate the construction, principle and working of DC machines for their performance analysis.	0.6	2.5	1	Target not Attained
CO5	Illustrate working , construction and obtain the equivalent circuit of single phase transformers.	0.9	2.5	1.2	Target not Attained
CO6	Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	0.3	2.5	0.7	Target not Attained

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

In this Course CO4,CO5 and CO6 requires additional attention and it is improved by

CO 4: Proving more inputs on understanding the operation of stepper motor, DC shunt motor with example problems and calculate the required parameters.

CO 5: Making the students learn more about Principle of transformer, transformer types and example problems for finding required parameters.

CO 6: Conducting tutorial classes for understanding Synchronous impedance method, EMF method and solve different example problems.

Course Coordinator **Mentor** **HOD**