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:	Dr. GATLA RANJITH KUMAR	Department:	CSIT
Regulation:	UG20	Batch:	2022-2026
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.	1.6	2.4	1.8	Target Attained
CO2	Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	0.9	2.3	1.2	Target not Attained
CO3	Make use of various network theorems and graph theory for simplifying complex electrical networks.	0.9	2.3	1.2	Target not Attained
CO4	Demonstrate the construction, principle and working of DC machines for their performance analysis.	0.9	2.3	1.2	Target not Attained
CO5	Illustrate working , construction and obtain the equivalent circuit of single phase transformers.	1.6	2.3	1.7	Target not Attained
CO6	Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	1.6	2.3	1.7	Target not Attained

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

In this Course CO2,CO3, CO4, CO5 and CO6 requires additional attention and it is improved by

CO 2: Practicing more problems with students in the classroom.

CO 3: Making the students to solve more problems for a better understanding of network theorems.

CO 4: Conducting guest lecturers on DC Machines.

CO 5: Providing more real-time examples.

CO 6: Providing assignments on synchronous motors .

Ranjith

Course Coordinator

Mentor

HOD

Head of the Department
Computer Science and Information Technology
Institute of Aeronautical Engineering
Dundigal, Hyderabad - 500043