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

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	MS Sravan	Department:	Computer Science and Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Fundamental of Electrical Engineering	Course Code:	AEEB01
Semester:	I	Target Value:	70% (2.1)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Know the fundamental concepts of electric circuits for computing voltage and current relationship of passive elements.	2.10	2.70	2.2	Attained
CO2	Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	2.30	2.70	2.4	Attained
CO3	Make use of various network theorems for simplifying complex electrical networks.	0.90	2.70	1.3	Not Attained
CO4	Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	3.00	2.70	2.9	Attained
CO5	Interpret the power factor in single phase circuits with various combination of network elements for computing active and reactive power.	1.60	2.60	1.8	Not Attained
CO6	Explain formation of incident, cut-set and tie set matrices using which characteristics of electrical circuits can be studied.	3.00	0.00	2.4	Attained

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

CO3: Application problems on network theorems will be provided as an exercise to make student understand simplification of electrical networks.

CO5: Practical exercises on single phase circuits will be demonstrated to students to enhance understanding skills on computing active and reactive power.

Course Coordinator Mentor Head of the Department