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. V CHANDRA JAGAN MOHAN**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
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.	0.00	2.40	0.5	Not Attained
CO2	Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	3.00	2.50	2.9	Attained
CO3	Make use of various network theorems for simplifying complex electrical networks.	3.00	2.50	2.9	Attained
CO4	Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	0.90	2.50	1.2	Not Attained
CO5	Interpret the power factor in single phase circuits with various combination of network elements for computing active and reactive power.	2.00	2.50	2.1	Attained
CO6	Explain formation of incident, cut-set and tie set matrices using which characteristics of electrical circuits can be studied.	0.90	0.00	0.7	Not Attained

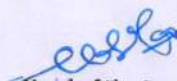**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**

CO1: A Demonstration in Lab will be arranged to make student strong in fundaments of Electric circuits.

CO4: A seminar by an expert from industry will be arranged to train students in usage of series and parallel circuits

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**

Computer Science and Engineering
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