



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (AI & ML)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. K LINGASWAMY	Department:	Computer Science and Engineering (AI & ML)
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Basic Electrical Engineering	Course Code:	AEEC01
Semester:	I	Target Value:	60% (1.8)

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.	1.60	2.10	1.7	Not Attained
CO2	Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	0.90	2.10	1.1	Not Attained
CO3	Make use of various network theorems and graph theory for simplifying complex electrical networks.	1.30	2.10	1.5	Not Attained
CO4	Demonstrate the construction, principle and working of DC machines for their performance analysis.	1.60	2.10	1.7	Not Attained
CO5	Illustrate working, construction and obtain the equivalent circuit of single phase transformers.	2.30	2.10	2.3	Attained
CO6	Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	1.60	2.10	1.7	Not Attained

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

CO1: More tutorials can be given on applying network reduction techniques for reducing into a simplified circuit.

CO2: More assignments are to be given on calculating the impedance and the admittance of series and parallel circuits.

CO3: More assignments are to be given on applying network theorems and graph theory for simplifying complex electrical networks.

CO4: Digital content and additional reading materials is given to enhance the knowledge of transformers.

CO6: Additional reading materials are provided on electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.

T. Saritha Kumari

Course Coordinator

Linga

Mentor

[Signature]

Head of the Department

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