


**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:	2021-2025
Course Name:	Basic Electrical Engineering	Course Code:	AEEEC01
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.	3.00	2.40	2.9	Attained
CO2	Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	0.90	2.30	1.2	Not Attained
CO3	Make use of various network theorems and graph theory for simplifying complex electrical networks.	2.30	2.30	2.3	Attained
CO4	Demonstrate the construction, principle and working of DC machines for their performance analysis.	2.30	2.30	2.3	Attained
CO5	Illustrate working, construction and obtain the equivalent circuit of single phase transformers.	0.90	2.30	1.2	Not Attained
CO6	Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	1.60	2.30	1.7	Not Attained

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

CO2: will provide Tutorial classes on serial and parallel circuits

CO5: will conduct workshops on transformers

CO6: will give example solution to the operations of synchronous machines

Course Coordinator

Mentor

Head of the Department

Head of the Department  
Artificial Intelligence & Machine Learning  
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