



**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 Laboratory	Course Code:	AEEC04
Semester:	I	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Solve the electrical circuit source resistance, currents, voltage and power by applying various network reduction techniques.	3.00	0.00	3	Attained
CO2	Apply various network theorems to reduce complex network into simple equivalent network with DC excitation.	3.00	0.00	3	Attained
CO3	Examine the alternating quantities for different periodic wave forms and the impedance of series RC, RL and RLC circuits.	3.00	0.00	3	Attained
CO4	Apply magnetization characteristics of dc shunt generator for calculating the critical resistance and speed control methods and performance characteristics of DC Shunt machine for efficiency.	3.00	0.00	3	Attained
CO5	Examine the performance of single-phase transformers, induction motors and alternator by calculating efficiency and regulation.	3.00	0.00	3	Attained

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

*T. Senthakumari*  
Course Coordinator

*Linga*  
Mentor

*[Signature]*  
Head of the Department

Head of the Department  
Artificial Intelligence & Machine Learning  
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