



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## ATTAINMENT OF COURSE OUTCOMES (COs) – ACTION PLAN

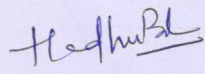
Name of the Faculty	Ms. T Saritha Kumari	Department	CSE
Regulations	UG20	Batch	2020-2024
Course Name	Basic Electrical Engineering Laboratory	Course Code	AEEC04
Semester	I	Target Value	70% (2.1 on 3 Scale)

### Attainment of COs:

Course Outcomes		Overall Attainment	Observation
CO1	Solve the electrical circuit source resistance, currents, voltage and power by applying various network reduction techniques.	3	Target attained
CO2	Apply various network theorems to reduce complex network into simple equivalent network with DC excitation.	3	Target attained
CO3	Examine the alternating quantities for different periodic wave forms and the impedance of series RC, RL and RLC circuits.	3	Target 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	Target attained
CO5	Examine the performance of single-phase transformers, induction motors and alternator by calculating efficiency and regulation.	3	Target attained
CO1	Solve the electrical circuit source resistance, currents, voltage and power by applying various network reduction techniques.	3	Target attained

  
Course Coordinator

  
Mentor

  
HOD  
Head of the Department  
Computer Science and Engineering  
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