



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Mr.K.Lingaswamy	Department	CSE(DS)
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 complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	3	Target Attained
CO2	Define basic nomenclature of single-phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	3	Target Attained
CO3	Make use of various network theorems and graph theory for simplifying complex electrical networks.	3	Target Attained
CO4	Demonstrate the construction, principle and working of DC machines for their performance analysis.	3	Target Attained
CO5	Illustrate working, construction and obtain the equivalent circuit of single-phase transformers.	3	Target Attained
CO6	Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	3	Target Attained

Lingaswamy
Course Coordinator

[Signature]
Mentor

[Signature] HOD
Head of the Department
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