INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	**Mr. K Lingaswamy**	Department:	**ECE**
Regulation:	**UG20**	Branch:	**2020-2024**
Course Name:	**Electrical circuits LAB**	Course Code:	**AEEC03**
Semester:	**II**	Target Value:	**60% (1.8)**

Attainment of Cos:

	Course Outcome	Overall Attainment	Observations
CO1	Calculate the source resistance, current and voltage using Ohm`s, Kirchhoff`s laws, mesh and nodal analysis techniques in electrical circuits.	2.3	Attainment target is reached
CO2	Analyze the alternating quantities for different periodic wave forms.	2.3	Attainment target is reached
CO3	Apply network theorems for complex circuits and verify the current, voltage and power in DC networks.	2.3	Attainment target is reached
CO4	Validate the resistance, inductance and power consumed by passive loads using digital simulation.	2.3	Attainment target is reached
CO5	Analyze the concepts of impedance, admittance hybrid and transmission parameters of a two port network.	2.3	Attainment target is reached
CO6	Determine the resonant frequency, quality factor and bandwidth of the RLC circuits.	2.3	Attainment target is reached

Course Coordinator **Mentor** **HOD**

Head of the Department
Electronics and Communication Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043