



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. A SATHISH KUMAR	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Electrical Circuits Laboratory	Course Code:	AEEEC03
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Calculate the source resistance, current and voltage using Ohm's, Kirchhoff's laws, mesh and nodal analysis techniques in electrical circuits.	0.90	0.00	0.9	Not Attained
CO2 Analyze the alternating quantities for different periodic wave forms.	0.90	0.00	0.9	Not Attained
CO3 Apply network theorems for complex circuits and verify the current, voltage and power in DC networks.	0.90	0.00	0.9	Not Attained
CO4 Validate the resistance, inductance and power consumed by passive loads using digital simulation.	0.90	0.00	0.9	Not Attained
CO5 Analyze the concepts of impedance, admittance hybrid and transmission parameters of a two port network.	0.90	0.00	0.9	Not Attained
CO6 Determine the resonant frequency, quality factor and bandwidth of the RLC circuits.	0.90	0.00	0.9	Not Attained

Action taken report:

CO1:

Provide assignments to understand mesh and node concepts

CO2:

Give more problems on AC and periodic waves

CO3:

More tutorial has been conducted on n/w theorem

CO4:

Make students to watch the ELRV

CO5:

More practical example should be given

CO6:

Model based learning should be conducted



Course Coordinator



Mentor



Head of the Department

Head of the Department
Electrical and Electronics Engineering
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