



# ELECTRONICS AND COMMUNICATION ENGINEERING

## ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. V BINDU SREE	Department:	Electronics and Communication Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Electrical Circuits Laboratory	Course Code:	AEED04
Semester:	I	Target Value:	60% (1.8)

**Attainment of COs:**

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Calculate the source resistance, currents, voltage and power in an electrical circuit using various laws associated with electrical circuits	0.90	0.00	0.9	Not Attained
CO2 Evaluate the alternating quantities for different periodic waveforms.	0.90	0.00	0.9	Not Attained
CO3 Describe the superposition principle, reciprocity and maximum power transfer condition for the electrical network with DC excitation.	0.90	0.00	0.9	Not Attained
CO4 Demonstrate Thevenin's and Norton's theorems to reduce complex networks into simple equivalent networks with DC excitation.	0.90	0.00	0.9	Not Attained
CO5 Apply Faraday's laws of electromagnetic induction in the construction of magnetic circuits.	0.90	0.00	0.9	Not Attained
CO6 Make use of the two port parameters to be measured easily, without solving for all the internal voltages and currents in the different networks.	0.90	0.00	0.9	Not Attained

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

CO1: Tutorial classes will be conduct on basics of electrical circuits and more practice is required.

CO2: Tutorial classes will conduct on basics of ohms law ,periodic waveforms for electrical circuits.

CO3: Guest lecture will conduct on superposition theorem,reciprocity theorem of AC and DC circuits.

CO4: Tutorial classes will be conduct on basics of electrical circuits and more practice is required.

CO5: Guest lecture will conduct on faradays laws of electromagnetic induction for magnetic circuits.

CO6: Tutorial classes will conduct on two port parameters of voltage and current for different networks.

Course Coordinator

Mentor

Head of the Department  
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