



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:	2022-2026
Course Name:	Electrical Circuits	Course Code:	AEECO2
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Identify the basic concepts of electrical quantities such as current, voltage, power, energy of simple DC circuits used in electrical and electronic devices.	0.90	2.40	1.2	Not Attained
CO2 Define basic terminology of single-phase AC circuits for obtaining mean value, RMS value, form factor, impedance, admittance, apparent, real power, reactive power and power factor of electrical circuits.	1.30	2.40	1.5	Not Attained
CO3 Apply the different laws, series parallel combination of RLC circuits and indirect quantities associated with electrical circuit for determine voltage and currents in resistive circuits containing voltage and current sources.	0.90	2.40	1.2	Not Attained
CO4 Apply the several theorems for simplify complex network into equivalent network and verify the current, voltage and power in linear bilateral network with the help of DC and AC excitation.	0.00	2.40	0.5	Not Attained
CO5 Describe the basic fundamental of Electromagnetism, Faraday's laws of Electromagnetic induction, Lenz's law, types of induced emf, self and mutual inductance for notice the total magnetomotive force and ampere turns values.	1.60	2.40	1.8	Attained
CO6 Understand the two port parameters, network topology and dual network for digital and graphical representation of complex circuits to be measure easily, without solving for all the internal voltages and currents in the different networks.	0.90	2.40	1.2	Not Attained

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

- CO1: Conduct tutorial classes on electrical quantities
- CO2: Solve more problems on Ac Analysis.
- CO3: Introduce more number of problems on RLC
- CO4: Conduct tutorial classes on theorems
- CO6: Conduct tutorial classes on two port network

SATHISH
Course Coordinator

[Signature]
Mentor

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Head of the Department