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 SRIKANTH**	Department:	**Electrical and Electronics Engineering**
Regulation:	**IARE - R18**	Batch:	**2019-2023**
Course Name:	**Electrical Circuits**	Course Code:	**AEEB03**
Semester:	**II**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Apply the different laws, series parallel combination of RLC circuits and identify the basic concepts of electrical quantities such as current, voltage, power, energy of simple DC network with help of different input signals	2.70	2.20	2.6	Attained
CO2	Apply the indirect quantities associated with electrical circuit for determine voltage and currents in resistive circuits containing voltage and current sources.	2.70	2.20	2.6	Attained
CO3	Understand the 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.	2.00	2.10	2	Attained
CO4	Identify the alternating quantities with help of different periodic wave forms and define the steady state behavior of series and parallel combination of RLC circuit with sinusoidal excitation.	0.70	2.20	1	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.	0.70	2.20	1	Not Attained
CO6	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	0.00	0	Not Attained

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

CO4: Delivering more lecture on real- time application of electric circuits

CO5: Delivering lectures using ICT tools

CO6: Giving assignments and conducting tutorials collaboratively

Course Coordinator	**Mentor**	**Head of the Department**