



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Ms S. Swathi	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	Electrical circuits	Course Code:	AEE002
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Explain the basic elements, basic laws and the sources used for analysis of electrical circuits.	0.9	2.5	1.2	Attainment target reached
CO2	Determine the unknown elements and quantities by using mesh, nodal and transformation techniques in network.	0	2.5	0.5	Attainment target is not reached
CO3	Apply the principles of network topology for simplifying the electrical circuits.	1.4	2.5	1.6	Attainment target is not yet reached
CO4	Analyze the basic series and parallel R, L and C elements for sinusoidal excitation.	0.9	2.5	1.2	Attainment target is not yet reached
CO5	Apply faradays laws and dot convention for analyze the series and parallel magnetic circuits.	1.6	2.5	1.8	Attainment target is not reached
CO6	Make use of an appropriate network theorem for solving the DC and AC excitation.	2.3	2.5	2.3	Attainment target reached

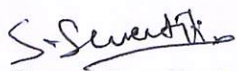
Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO 1: Conducting Guest lectures on single phase AC circuits and steady state analysis of RL and RC (in Series, Parallel and Series Parallel Combinations)


CO 2: Additional inputs will be provided on Mesh analysis, Nodal analysis and Network topology

CO 3: Giving assignments and conducting tutorials on analysis R, L, C Parameters and voltage current relationship for passive elements

CO 4: Providing more information on circuit concept and Kirchoff's laws.


Course Coordinator


Mentor


HOD
Head of the Department
Electronics and Communication Engineering
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