



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

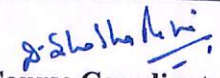
Name of the faculty:	Dr. D Shobha Rani	Department:	EEE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Network Analysis	Course Code:	AEE005
Semester:	III	Target Value:	60% (1.8)

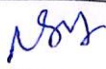
Attainment of COs:

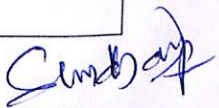
Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Understand the relation between line and phase quantities of three phase star and delta connected systems to analyze balanced and unbalanced circuits.	2	2.7	2.1	Attainment target reached
CO2 Demonstrate the operation of wattmeter to measure the three-phase active and reactive power in three phase systems	2.7	2.7	2.7	Attainment target reached
CO3 Understand the concept of initial conditions of RLC elements to determine the transient response of first and second order electric circuits using differential equation approach and Laplace transform technique.	1.7	2.7	1.9	Attainment target reached
CO4 Illustrate the locus diagram for series and parallel circuits and describe the network functions in time domain and frequency domain approach	0.6	2.7	1	Attainment target is not yet reached.
CO5 Solve the various two port network parameters and determine their inter relationships, outline the concepts of interconnections of two port networks	0.9	2.6	1.2	Attainment target is not yet reached.
CO6 Develop the various types of active filters and understand their characteristics, execute digital simulation using MATLAB.	2.3	2.7	2.4	Attainment target reached

Action taken report:

CO 4: Conduct experiment on the locus diagram for series and parallel circuits for RL and RC.
CO 5: Do more practice on various two port network parameters.


Course Coordinator


Mentor


HOD

Head of the Department
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