



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. P SHIVA KUMAR	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	NETWORK ANALYSIS	Course Code:	AEEB09
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.	1.60	2.50	1.8	Attained
CO2 Demonstrate the operation of wattmeter to measure the three-phase active and reactive power in three phase systems.	0.60	2.50	1	Not Attained
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.	0.30	2.50	0.7	Not Attained
CO4 Illustrate the locus diagram for series and parallel circuits and describe the network functions in time domain and frequency domain approach.	2.00	2.50	2.1	Attained
CO5 Solve the various two port network parameters and determine their inter relationships, outline the concepts of interconnections of two port networks.	2.30	2.50	2.3	Attained
CO6 Develop the various types of active filters and understand their characteristics, execute digital simulation using MATLAB.	3.00	2.50	2.9	Attained

Action taken report:

CO2:

Extra classes should be taken

CO3:

Students are encouraged to enroll for NPTEL video


Course Coordinator


Mentor


Head of the Department

Head of the Department
Electrical and Electronics Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043