



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. D SHOBHA RANI	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Network Analysis	Course Code:	AEEC05
Semester:	III	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Identify various combinations for RL, RC and RLC Circuits with sinusoidal excitation	1.60	2.40	1.8	Attained
CO2	Explain Series and parallel resonance using resonant frequency	1.60	2.40	1.8	Attained
CO3	Illustrate the initial and steady state conditions of R L and C parameters	2.30	2.40	2.3	Attained
CO4	Solve the transient response of first and second order electric circuits using differential equation and Laplace transform techniques.	0.90	2.40	1.2	Not Attained
CO5	Recall the concept of locus diagram for series and parallel circuits	1.60	2.40	1.8	Attained
CO6	Illustrate the concept of network functions for one port and two port networks.	3.00	2.50	2.9	Attained

Action taken report:

CO4:

Conduct experiment on the locus diagram for series and parallel circuits for RL and RC

*Shobha Rani*

Course Coordinator

*SL*  
Mentor

*Ravi* IARE - CO Action Taken - CLET  
Head of the Department

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Electrical and Electronics Engineering  
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