



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Dr. T Vigneysh</b>	Department:	<b>EEE</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2016 - 2020</b>
Course Name:	<b>Electrical Engineering Simulation Laboratory</b>	Course Code:	<b>AEE104</b>
Semester:	<b>III</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:


	Course Outcome	Overall attainment	Observation
CO 1	Calculate various parameters of two port network for analyzing different electrical circuits.	1.7	Not Attained
CO 2	Examine the transfer function for studying transient response of RL, RC and RLC circuits.	1.7	Not Attained
CO 3	Analyze the virtual instrumentation (VI) using control loops, arrays, charts and graphs.	1.7	Not Attained
CO 4	Determine various alternating quantities of single phase and three phase signals.	1.7	Not Attained
CO 5	Analyze the basic circuits, rectified waveforms using Fourier transform and Visio Software.	1.7	Not Attained

#### Action taken report:

- CO 1: Provide more experiments for analyzing different electrical circuits.
- CO 2: Need to provide more open ended experiments for studying transient response of RL, RC and RLC circuits.
- CO 3: Need to provide more open ended experiments to understand virtual instrumentation
- CO 4: Need to use ICT tools for analysis of electrical signals
- CO 5: Need to provide more open ended experiments on Visio Software

  
Course Coordinator

  
Mentor

  
Head of the Department  
Electrical and Electronics Engineering  
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