



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

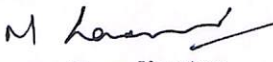
Name of the faculty:	<b>Dr. M Laxmidevi Ramanaiah</b>	Department:	<b>EEE</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2017 - 2021</b>
Course Name:	<b>Electrical Measurements and Instrumentation</b>	Course Code:	<b>AEE008</b>
Semester:	<b>IV</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:

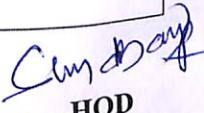
Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Illustrate the working of PMMC, MI and electrostatic voltmeter in view of principle of operation, construction, extension of range and various errors.	3	2.4	2.9	Attained
CO2 Make use of potentiometer and instrument transformers in view of construction, extension of range and various errors.	0.9	2.3	1.2	Not Attained
CO3 Demonstrate the construction and operation of wattmeter and energy meter for obtaining power and energy in single phase and three phase networks.	1.6	2.3	1.7	Not Attained
CO4 Select the DC and AC bridges suitable for the measurement of passive parameters.	1.6	2.4	1.8	Attained
CO5 Summarize various working models, features and applications of transducers and oscilloscopes	0.9	2.3	1.2	Not Attained

#### Action taken report:

CO 2: Take tutorial classes to solve more problems based on the different types of errors in instrument transformers.  
CO 3: Need to provide more problems on measurement of power and energy.  
CO 5: Need to deliver extra classes on the types of transducers and oscilloscopes, e-content for better understanding of transducers and oscilloscopes.

  
Course Coordinator

  
Mentor

  
Head of the Department  
Electrical and Electronics Engineering  
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