



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Dr. P. Raghavulu</b>	Department:	<b>ME</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2017 - 2021</b>
Course Name:	<b>Instrumentation and Control Systems Laboratory</b>	Course Code:	<b>AME116</b>
Semester:	<b>VII</b>	Target Value:	<b>60% (1.8)</b>


#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Identify various elements and their purpose in typical instruments. to identify various errors that would occur in instruments.	2.10	0.00	2.1	Attainment target reached
CO2	Analysis of errors so as to determine correction factors for each instrument.	2.10	0.00	2.1	Attainment target reached
CO3	Design an instrument taking into account static and dynamic characteristics of instrument and should be able to determine loading response time.	2.10	0.00	2.1	Attainment target reached
CO4	Choose Transducer for given range of displacement should be able to specify it accurate and loading time of that transducer.	2.10	0.00	2.1	Attainment target reached
CO5	Design the thermocouple. Thermister and resistance temperature detector (RTD) for temperature measurement and control of furnace temperature	2.10	0.00	2.1	Attainment target reached
CO6	Choose Optical, Proximity Tacho Pickups used for the measurement and control of shaft speed.	2.10	0.00	2.1	Attainment target reached

Action taken report: In this course, all the CO's are attained. So no need to take corrective actions.

  
Course Coordinator

  
Mentor

  
HOD  
Head of the Department  
Mechanical Engineering  
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