



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. R SRINIVAS	Department:	Mechanical Engineering
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Instrumentation, Control Systems & Production Drawing Practice Laboratory	Course Code:	AMEC49
Semester:	VII	Target Value:	60% (1.8)


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.	2.30	0.00	2.3	Attained
CO2 Analysis of errors so as to determine correction factors for each instrument.	2.30	0.00	2.3	Attained
CO3 Design an instrument taking into account static and dynamic characteristics of instrument and should be able to determine loading response time.	2.30	0.00	2.3	Attained
CO4 Choose transducer for given range of displacement should be able to specify it accurate and loading time of that transducer.	2.30	0.00	2.3	Attained
CO5 Design the thermocouple, Thermister and resistance temperature detector (RTD) or temperature measurement and control of furnace temperature.	2.30	0.00	2.3	Attained
CO6 Choose optical, Proximity, Tacho Pickups used for the measurement and control of shaft speed.	2.30	0.00	2.3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
IARE, Dundigal, Hyderabad - 500043, Telangana