



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: **2021-2025**

Course Name: **Instrumentation, Control Systems & Production Drawing Practice Laboratory**

Course Code: **AMEC49**

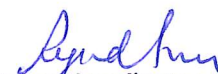
Semester: **VII**

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.	3.00	0.00	3	Attained
CO2	Analysis of errors so as to determine correction factors for each instrument.	3.00	0.00	3	Attained
CO3	Design an instrument taking into account static and dynamic characteristics of instrument and should be able to determine loading response time.	3.00	0.00	3	Attained
CO4	Choose transducer for given range of displacement should be able to specify its accurate and loading time of that transducer.	3.00	0.00	3	Attained
CO5	Design the thermocouple, Thermistor and resistance temperature detector (RTD) or temperature measurement and control of furnace temperature.	3.00	0.00	3	Attained
CO6	Choose optical, Proximity, Tacho Pickups used for the measurement and control of shaft speed.	3.00	0.00	3	Attained

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


Course Coordinator


Mentor


Head of the Department
Head of the Department
Mechanical Engineering
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Dundigal, Hyderabad - 500 043