



# 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 and Control Systems	Course Code:	AMEC39
Semester:	VII	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate the importance of basic principles, configuration and functional description of measuring instruments performance characteristics of an instrument when the device is exposed to measure dynamic inputs and error control.	3.00	2.30	2.9	Attained
CO2	Identify the measuring instruments based on the principle of working with the physical parameters such as displacement, temperature and pressure.	3.00	2.30	2.9	Attained
CO3	Make use of appropriate instrument for measuring Speed, Acceleration and Vibration by considering different aspects.	3.00	2.40	2.9	Attained
CO4	Apply relevant control systems for speed, position and control processes in practical applications.	3.00	2.30	2.9	Attained
CO5	Choose the concepts for measurement of Stress, Strain, Humidity and their application for finding stress, strain, and humidity.	3.00	2.30	2.9	Attained
CO6	Describe the control systems for temperature, speed and position control systems to industrial applications.	3.00	2.30	2.9	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department