



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. BDY SUNIL	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Instrumentation and Control Systems	Course Code:	AMEB27
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:


Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Recognize 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.	2.70	2.30	2.6	Attained
CO2 Categorize the measuring instruments based on the principle of working with the physical parameters such as displacement, temperature and pressure.	2.70	2.40	2.6	Attained
CO3 Make use of appropriate instrument for measuring Speed, Acceleration and Vibration by considering different aspects.	2.40	2.40	2.4	Attained
CO4 Apply relevant control systems for speed, position and control processes in practical applications..	0.90	2.30	1.2	Not Attained
CO5 Demonstrate the concepts for measurement of Stress, Strain, Humidity and their application for finding stress, strain, and humidity.	2.30	2.40	2.3	Attained
CO6 Describe the control systems for temperature, speed and position control systems to industrial applications.	3.00	2.40	2.9	Attained

Action Taken:

CO4: Additional tutorial hours are required to control processes in practical applications..


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
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