



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. BDY Sunil	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Instrumentation and Control Systems	Course Code:	AME019
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.	0.00	2.40	0.5	Attainment target not reached
CO2	Categorize the measuring instruments based on the principle of working with the physical parameters such as displacement, temperature and pressure.	1.00	2.40	1.3	Attainment target not reached
CO3	Demonstrate working principle of level of measuring devices for ascertaining liquid level and choose appropriate device for controlling fluid flow in industrial applications.	2.40	2.40	2.4	Attainment target reached
CO4	Make use of appropriate instruments for measuring speed, acceleration and vibration by considering different aspects.	1.60	2.40	1.8	Attainment target reached
CO5	Demonstrate the concepts of measurement of stress, strain humidity and their application for finding stress, strain and humidity.	1.60	2.40	1.8	Attainment target reached
CO6	Apply relevant control system for speed, position and control processes in practical applications.	1.60	2.40	1.8	Attainment target reached


Action taken report:

CO1: Extra tutorial hours essential to explain the configuration and functional description of measuring instruments.

CO2: More assignments have to be practiced for the principle of working with the physical parameters.


Course Coordinator


Mentor


HOD
Head of the Department
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