



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

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|----------------------|--|---------------|--------------------|
| Name of the faculty: | Dr. BDY Sunil | Department: | ME |
| Regulation: | IARE - R16 | Batch: | 2016 - 2020 |
| 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. | 3.00 | 2.30 | 2.9 | 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. | 1.60 | 2.30 | 1.7 | 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. | 2.30 | 2.30 | 2.3 | Attainment target reached |
| CO4 | Make use of appropriate instruments for measuring speed, acceleration and vibration by considering different aspects. | 2.30 | 2.30 | 2.3 | Attainment target reached |
| CO5 | Demonstrate the concepts of measurement of stress, strain humidity and their application for finding stress, strain and humidity. | 0.90 | 2.30 | 1.2 | Attainment target not reached |
| CO6 | Apply relevant control system for speed, position and control processes in practical applications. | 3.00 | 2.40 | 2.9 | Attainment target reached |


Action taken report:

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

CO5: More problems to be solved on measurement of stress, strain humidity and their application


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
HOD
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