



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. M PALA PRASAD REDDY	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Industrial Automation and Control	Course Code:	AEEB58
Semester:	VII	Target Value:	60% (1.8)

### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment*	Overall attainment	Observation
CO1 Illustrate the architecture of industrial automation system and its hierarchical levels for supervisory control of an industrial process.	3.00	2.30	2.9	Attained
CO2 Demonstrate the operating principles of various instruments for measuring variables in a controlled process.	2.70	2.40	2.6	Attained
CO3 Identify the suitable control technique to control a given process for achieving desired response.	1.00	2.40	1.3	Not Attained
CO4 Make use of PLC's in hardware and software environment and ladder logic for Automatic control of an industrial application.	0.90	2.40	1.2	Not Attained
CO5 Demonstrate the principle of operation of CNC machines, control valves and actuators to perform various operations in an industrial application.	1.40	2.30	1.6	Not Attained
CO6 Choose an appropriate electric drive for an industrial application based on drive characteristics.	2.40	2.40	2.4	Attained

### Action taken report:

CO3:

More tutorial should be discussed on suitable control technique to control a given process for achieving desired response.

CO4:

More emphasis will be give on practical problems on PLC

CO5:

Need to arrange expert lecture

  
Course Coordinator

Mentor



Head of the Department  
Head of the Department  
Electrical and Electronics Engineering  
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