



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. P MABUHUSSAIN	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	PLC and Industrial Automation Laboratory	Course Code:	AEEB26
Semester:	VI	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Use the PLC timers and Counters for delaying a particular control process and counting the production rate in an industrial system.	2.30	0.00	2.3	Attained
CO2	Design a system for starting, speed control and braking of DC/AC motors using PLC digital module.	2.30	0.00	2.3	Attained
CO3	Measure the temperature, speed, voltage and current using PLC analog module to control the operation of motors, relays and circuit breakers.	2.30	0.00	2.3	Attained
CO4	Construct PLC based automatic traffic signal system to control the vehicle congestion at a three-way or four-way road junction.	2.30	0.00	2.3	Attained
CO5	Develop the ladder diagram logic program for lift control, solar tracking and fault annunciation systems.	2.30	0.00	2.3	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department