



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. P Mabuhussain	Department:	EEE
Regulation:	IARE - R16	Batch:	2017- 2021
Course Name:	PLC and Automation Laboratory	Course Code:	AEE110
Semester:	VI	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome		Overall attainment	Observation
CO1	Use the PLC timers and Counters for delaying and counting a particular process in an industrial system.	2	Attained
CO2	Design a system for starting, speed control and braking of DC/AC motors using PLC digital module.	2	Attained
CO3	Measure the temperature, voltage and current using PLC analog module to control the operation of motors, relays and circuit breakers.	2	Attained
CO4	Construct PLC based automatic traffic signal system to control the vehicle congestion at a three-way or four-way road junction.	2	Attained
CO5	Develop the ladder diagram logic programs for water level control and other industrial applications.	2	Attained

Action taken report:

- All the course outcomes are attained the target value
- However, the students shall be advised to practice more real time problems and write ladder programs for them.
- Students shall be motivated to carryout open-ended experiments to address the real time applications to help for the better CO attainments in forthcoming semesters


Course Coordinator


Mentor


HOD

Head of the Department
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