ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT
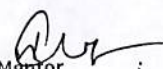
Name of the faculty:		Department:	Electrical and Electronics Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	PLC and Industrial Automation Laboratory	Course Code:	AEEC32
Semester:	VI	Target Value:	0% (0)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Use PLC logic gates,timers and Counters for delaying a particular control process and counting the production rate in an industrial system.	3.00	0.00	3	Attained
CO2	Design a system for starting, speed control and braking of DC/AC motors using PLC digital module.	3.00	0.00	3	Attained
CO3	Measure the temperature, speed, voltage and current using PLC analog module to control the operation of motors, relays and circuit breakers.	3.00	0.00	3	Attained
CO4	Construct PLC based automatic traffic signal system to control the vehicle congestion at a three-way or four-way road junction.	3.00	0.00	3	Attained
CO5	Develop the ladder diagram logic programs for lift control, water level monitoring and fault annunciation systems.	3.00	0.00	3	Attained

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

Course Coordinator   Mentor   :   Head of the Department

Head of the Department
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