

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

Name of the faculty:	Mr. A SRIKANTH	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2019-2023
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.	1.30	2.30	1.5	Not Attained
CO3	Identify the suitable control technique to control a given process for achieving desired response.	0.90	2.30	1.2	Not Attained
CO4	Make use of PLC's in hardware and software environment and ladder logic for Automatic control of an industrial application.	1.60	2.30	1.7	Not Attained
CO5	Demonstrate the principle of operation of CNC machines, control valves and actuators to perform various operations in an industrial application.	2.30	2.20	2.3	Attained
CO6	Choose an appropriate electric drive for an industrial application based on drive characteristics.	1.60	2.20	1.7	Not Attained

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

CO2: more practical examples should be given

CO3: need more classes

CO4: more hands-on training is needed on PLC

CO6: more tutorial is needed

Course Coordinator
Mentor
Head of the Department