



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. P Sridhar	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Control Systems and Simulation Laboratory	Course Code:	AEE115
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

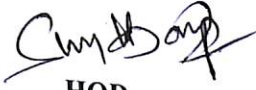
Course Outcome		Overall attainment	Observation
CO1	Determine the transfer function and time domain specifications of a second order systems for standard input signals.	2.3	Attained
CO2	Validate and select various electronic controllers with tuning parameters in virtual environment for improving system performance	2.3	Attained
CO3	Analyze the magnitude and phase plots of various compensators for improving system performance.	2.3	Attained
CO4	Examine the system's stability in time and frequency domain using simulation tools.	2.3	Attained
CO5	Develop the ladder diagram programs for various control applications using programmable logic controllers.	2.3	Attained

Action taken report:

- All the course outcomes are attained the target value.
- However, students shall be advised to validate the concepts by using various simulation tools.
- Students shall be motivated to carryout open-ended experiments to address the real time applications. These will help for better CO attainments in forthcoming semesters.


Course Coordinator

Mentor


HOD
Head of the Department
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