



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	<b>Dr. P SRIDHAR</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R20</b>	Batch:	<b>2020-2024</b>
Course Name:	<b>Control Systems</b>	Course Code:	<b>AEEEC12</b>
Semester:	<b>IV</b>	Target Value:	<b>60% (1.8)</b>

### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Relate the different physical and mechanical systems into equivalent electrical analogies using the mathematical form of complex physical systems	0.90	2.20	1.2	Not Attained
CO2	Utilize various reduction techniques for developing the transfer function and steady state error with the standard input signals	0.60	2.20	0.9	Not Attained
CO3	Make use of the time domain analysis to predict transient response specifications for analysing system's stability	0.90	2.20	1.2	Not Attained
CO4	Infer the stability of a first and second order systems using frequency domain specifications	0.90	2.30	1.2	Not Attained
CO5	Classify the types of compensators in time domain and frequency domains specifications for increasing the steady state accuracy of the system	0.90	2.30	1.2	Not Attained
CO6	Interpret linear system equations in state-variable form for the analysis of system's dynamic behavior	0.60	2.20	0.9	Not Attained

Action taken report:

CO1:

More tutorial class should be planned on analogus system

CO2:

More assignments need to be given on tf and error calculation

CO3:

Use the real-time examples of time domain specifications along with transient response in stability analysis.

CO4:

students are encouraged to join ELRV

CO5:

Need to provide more problems and assignments, and also additional digital resources which enables the students to gain more problem-solving skills.

CO6:

need to give expert lecture on linear system equation



Course Coordinator



Mentor



Head of the Department

Head of the Department  
Electrical and Electronics Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043