INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	**Mr. J Sivaramakrishna**	Department:	**ECE**
Regulation:	**UG-20**	Batch:	**2020-2024**
Course Name:	**Control Systems**	Course Code:	**AECC21**
Semester:	**V**	Target Value:	**60% (1.8)**

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Relate the physical and mechanical systems into equivalent electrical analogies using the mathematical form of physical systems.	3	2.4	2.9	Target Attained
CO2	Utilize various reduction techniques for developing the transfer function, transient and steady state error with the standard input signals	2.3	2.4	2.3	Target Attained
CO3	Make use of the ROUTH-HOURITZ criterion to determine the stability of a system	3	2.4	2.9	Target Attained
CO4	Demonstrate the stability of a system using root locus technique for analysing the system performance.	2.3	2.4	2.3	Target Attained
CO5	Illustrate the system using polar plot, Nyquist plot, and Bode plot for determining the stability of the system.	3	2.4	2.9	Target Attained
CO6	Interpret linear system equations in state space form for the analysis of LTI system.	3	2.4	2.9	Target Attained

Course Coordinator **Mentor** **HOD**

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