



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Ms. L Babitha	Department:	ECE
Regulation:	IARE-R18	Batch:	2018-2022
Course Name:	Control Systems	Course Code:	AEEB16
Semester:	IV	Target Value:	60% (1.8)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Relate the different physical and mechanical systems into equivalent electrical analogies using the mathematical form of complex physical systems.	2.3	2.1	2.3	Attainment target reached
CO2	Utilize various reduction techniques for developing the transfer function and steady state error with the standard input signals.	1.6	2.1	1.7	Attainment Target not yet reached
CO3	Make use of the time domain analysis to predict transient response specifications for analysing system's stability	1.6	2.1	1.7	Attainment Target not yet reached
CO4	Infer the stability of first and second order systems using frequency domain specifications.	2.1	2.1	2.1	Attainment target reached
CO5	Classify the types of compensators in time domain and frequency domains specifications for increasing the steady state accuracy of the system.	2.1	2.2	2.1	Attainment target reached
CO6	Interpret linear system equations in state-variable form for the analysis of system's dynamic behavior.	2.1	2.2	2.1	Attainment target reached

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


In this Course, the CO2, CO3, requires additional attention and it is improved by

CO 2: Conducting Guest lectures on compensators: lag, lead, lag lead networks.

CO 3: Additional inputs will be provided on Routh's and Routh Hurwitz stability criterions.


Course Coordinator


Mentor


HOD
Dr. P. ASHOK BABU, M.E.
Professor & Head
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