



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. Ch Chaitanya	Department:	CSE(CS)
Regulation:	IARE – UG20	Batch:	2020- 2024
Course Name:	Linear Algebra and Calculus	Course Code:	AHSC02
Semester:	I	Target Value:	60% (1.8)


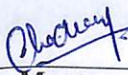
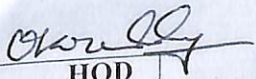
Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Compute the rank and inverse of real and complex matrices with elementary transformation methods.	2.3	2.2	2.3	Attainment target reached
CO2	Use the Eigen values, Eigen vectors for developing modal and Spectral matrices from the given matrix.	0.9	2.2	1.2	Attainment target is not reached.
CO3	Make use of Cayley Hamilton theorem for finding positive and negative powers of the matrix.	1.6	2.3	1.7	Attainment target is not reached.
CO4	Utilize the mean–value theorems and partial derivatives in estimating the extreme values for functions of several variables.	0.9	2.2	1.2	Attainment target is not reached.
CO5	Solve the Second and higher order linear differential equations with constant coefficients by using substitution method and method of variation of parameters.	0.9	2.3	1.2	Attainment target is not reached.
CO6	Apply the Fourier Series expansion of periodic, even and odd functions in analyzing the square wave, sine wave rectifiers.	0.9	2.2	1.2	Attainment target is not reached.

Action taken report:

CO 2&CO 3&CO 4 Need to provide more Problems to be work on to get better knowledge on solving the problems

CO 5 & CO 6: Need to provide more concept and understanding of the Fourier Series problems and linear differential equations

 Course Coordinator	 Mentor	 HOD
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Head of the Department
CSE (Cyber Security)
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