INSTITUTE OF AERONATICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Mr. CH . Chaitanya	Department:	ECE
Regulation:	R18	Batch:	2019-2023
Course Name:	Linear Algebra and Calculus	Course Code:	AHSB02
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Compute the rank and inverse of real and complex matrices with elementary transformation methods.	3	2.6	2.9	Target Attained
CO2	Make use of Eigen values, Eigen vectors for developing modal, Spectral matrices and Cayley Hamilton for powers of the matrix.	3	2.6	2.9	Target Attained
CO3	Utilize the mean–value theorems and partial derivatives in estimating the extreme values for functions of several variables.	3	2.6	2.9	Target Attained
CO4	Solve the Second and higher order linear differential equations with constant coefficients by using substitution method and method of variation of parameters.	3	2.6	2.9	Target Attained
CO5	Apply the definite integral calculus to a function of two or more variable in calculating the area of solid bounded regions.	3	2.6	2.9	Target Attained
CO6	Calculate scalar and vector point function, line, surface, volume integral for bounded regions.	3	2.6	2.9	Target Attained

Course Coordinator

Mentor

HOD

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