



# 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. CH . Chaitanya	Department:	ECE
Regulation:	R18	Branch:	2018-2022
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	Calculate the rank and inverse of real and complex matrices with elementary transformation methods.	3	2.7	2.9	Attainment target reached
CO2	Compute the diagonally equivalent matrix and Cayley Hamiltonion equation of the given matrix by using Eigen values and Eigen vectors.	2.7	2.7	2.7	Attainment target reached
CO3	Interpret the properties of differential equation of first order and first degree and orthogonal trajectories by using integration factor method	2.3	2.7	2.4	Attainment target reached
CO4	Solve the Second and higher order linear homogeneous and non homogeneous differential equations with constant coefficients by using substitution method	2	2.7	2.1	Attainment target reached
CO5	Interpret the extreme values for functions of several variables by using partial derivatives	2.3	2.7	2.4	Attainment target reached
CO6	Apply mean-value theorems in establishing mathematical inequalities	1.6	2.6	1.8	Attainment target reached

  
Course Coordinator

  
Mentor

  
HOD

Head of the Department  
Electronics and Communication Engineering  
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