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:	IARE-R16	Batch:	2016-2020
Course Name:	Linear Algebra and Ordinary Differential Equations	Course Code:	AHS002
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.	3.00	2.20	2.8	Attained
CO2	Compute the diagonally equivalent matrix and Cayley Hamiltonion equation of the given matrix by using Eigen values and Eigen vectors.	2.30	2.20	2.3	Attained
CO3	Interpret the properties of differential equation of first order and first degree and orthogonal trajectories by using integration factor method	2.00	2.20	2	Attained
CO4	Solve the Second and higher order linear homogeneous and non homogeneous differential equations with constant coefficients by using substitution method	1.70	2.20	1.8	Attained
CO5	Interpret the extreme values for functions of several variables by using partial derivatives.	2.70	2.20	2.6	Attained
CO6	Apply mean–value theorems in establishing mathematical inequalities	2.70	2.10	2.6	Attained

Course Coordinator

Mentor

HOD

Head of the Department
Electronics and Communication Engineering
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