



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Dr.M Anitha	Department	CSE
Regulations	R16	Batch	2016 -2020
Course Name	Linear Algebra and Ordinary Differential Equations	Course Code	AHS002
Semester	I	Target Value	70% (2.1 on 3 Scale)

Attainment of COs:

Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Apply numerical methods for solving algebraic, transcendental equations and interpolating the data	3	2.4	2.9	Target attained
CO2	Make use of least square methods for fitting straight lines, second degree, exponential and power curves.	2.7	2.4	2.6	Target attained
CO3	Utilize numerical methods for solving linear differential equations with initial conditions.	0.9	2.4	1.2	Target not attained
CO4	Identify the limits of definite integrals for calculating the area of solids	2.4	2.4	2.4	Target attained
CO5	Extend vector operations and theorems for finding line, surface and volume integrals	1.3	2.3	1.5	Target not attained
CO6	Determine characteristics of special functions for solving proper and improper integrals.	2.7	2.3	2.6	Target attained

Action taken report:

CO3: Make students to solve more problems in analyzing algebraic reasoning and strategies for solving linear differential equations.

CO5: Need to provide additional problem-solving sessions on line, surface and volume integrals.


Course Coordinator


Mentor


HOD

Head of the Department
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