



# 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	<b>CH. Chaitanya</b>	Department	<b>CSE</b>
Regulations	<b>R16</b>	Batch	<b>2017 -2021</b>
Course Name	<b>Linear Algebra and Ordinary Differential Equations</b>	Course Code	<b>AHS002</b>
Semester	<b>I</b>	Target Value	<b>70% (2.1 on 3 Scale)</b>

#### 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	2.7	2.9	Target attained
CO2	Make use of least square methods for fitting straight lines, second degree, exponential and power curves.	1.6	2.7	1.8	Target not attained
CO3	Utilize numerical methods for solving linear differential equations with initial conditions.	2.3	2.7	2.4	Target attained
CO4	Identify the limits of definite integrals for calculating the area of solids	3	2.7	2.9	Target attained
CO5	Extend vector operations and theorems for finding line, surface and volume integrals	0.9	2.7	1.3	Target not attained
CO6	Determine characteristics of special functions for solving proper and improper integrals.	2.3	2.7	2.4	Target attained

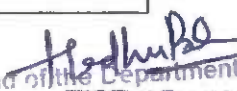
#### Action taken report:

CO2: Make students to solve more problems in Least Square Methods for fitting straight lines and curves.

CO5: Provide additional problem-solving sessions on vector operations for finding line, surface and volume integrals.

  
Course Coordinator

  
Mentor

  
Head of the Department  
Computer Science and Engineering  
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