



# 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>Dr. P. Srilatha</b>	Department	<b>CSE</b>
Regulations	<b>R16</b>	Batch	<b>2016 -2020</b>
Course Name	<b>Computational Mathematics and Integral Calculus</b>	Course Code:	<b>AHS003</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	Solve the algebraic and transcendental equations within given range using MAT LAB programs	2.3	2.6	2.4	Target attained
CO2	Utilize MAT LAB programs for verifying properties of limits, derivatives of a function	3	2.6	2.9	Target attained
CO3	Interpret rank, Eigen values and vectors for matrix transformations	2.3	2.6	2.4	Target attained
CO4	Utilize MAT LAB programs for solving differential equations, and multiple integrals	2.3	2.6	2.4	Target attained
CO5	Make use of MAT LAB programs for finding interpolating values of differential equations numerically.	1.6	2.5	1.8	Target not attained
CO6	Use MAT LAB programs for vector operations on vector field	3	2.4	2.9	Target attained

#### Action taken report:

CO5: More practice sessions to be allotted to solve numerical problems using MATLAB.

  
Course Coordinator

  
Mentor

  
Head of the Department  
Computer Science and Engineering  
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