



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME –ACTION TAKEN REPORT

Name of the faculty:	Dr. P Srilatha	Department:	EEE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	COMPUTATIONAL MATHEMATICS AND INTEGRAL CALCULUS	Course Code:	AHS003
Semester:	I	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Apply numerical methods for solving algebraic, transcendental equations and interpolating the data.	3	2.6	2.9	Attained
CO2	Make use of least square methods for fitting straight lines, second degree, exponential and power curves.	3	2.6	2.9	Attained
CO3	Utilize numerical methods for solving linear differential equations with initial conditions.	3	2.6	2.9	Attained
CO4	Identify the limits of definite integrals for calculating the area of solids.	1.6	2.6	1.8	Attained
CO5	Extend vector operations and theorems for finding line, surface and volume integrals.	1.6	2.6	1.8	Attained
CO6	Determine characteristics of special functions for solving proper and improper integrals.	1.6	2.6	1.8	Attained

#### Action taken report:

All the COs are attained

Course Coordinator

Mentor

Head of the Department  
Electrical and Electronics Engineering  
HOD  
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