INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Dr. P.Sriltha	Department:	ECE
Regulation:	IARE-R16	Batch:	2016-2020
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	Observations
CO1	Apply numerical methods for solving algebraic, transcendental equations and interpolating the data.	2.30	2.50	2.3	Attained
CO2	Make use of least square methods for fitting straight lines, second degree, exponential and power curves.	3.00	2.50	2.9	Attained
CO3	Utilize numerical methods for solving linear differential equations with initial conditions.	1.60	2.50	1.8	Attained
CO4	Identify the limits of definite integrals for calculating the area of solids.	2.30	2.50	2.3	Attained
CO5	Extend vector operations and theorems for finding line, surface and volume integrals.	1.30	2.50	1.5	Not attained
CO6	Determine characteristics of special functions for solving proper and improper integrals.	2.30	2.40	2.3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

In this Course, the CO5 requires additional attention and it is improved by

1. Conducting Guest lectures on theorems for finding line, surface and volume integrals.

2. Additional inputs will be provided on intersecting straight lines.

3. Giving assignments and conducting tutorials on vector operations.

Course Coordinator

Mentor

HOD

Head of the Department
Electronics and Communication Engineering
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