



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. Srilatha	Department:	ECE
Regulation:	IARE-R16	Branch:	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	Observations
CO1	Apply numerical methods for solving algebraic, transcendental equations and interpolating the data.	2.30	2.60	2.4	Attainment target reached
CO2	Make use of least square methods for fitting straight lines, second degree, exponential and power curves.	3.00	2.60	2.9	Attainment target reached
CO3	Utilize numerical methods for solving linear differential equations with initial conditions.	2.30	2.60	2.4	Attainment target reached
CO4	Identify the limits of definite integrals for calculating the area of solids.	0.90	2.60	1.2	Attainment target is not yet reached
CO5	Extend vector operations and theorems for finding line, surface and volume integrals.	0.90	2.60	1.2	Attainment target is not yet reached
CO6	Determine characteristics of special functions for solving proper and improper integrals.	0.90	2.60	1.2	Attainment target is not yet reached


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

CO4: Need to provide more problems and assignments on definite integrals for calculating area of solids.

CO5: Need to conduct Guest lectures on vector operations, theorems for finding line, surface and volume integrals.

CO6: Need to discuss more problems on special functions and improper integrals.


Course Coordinator


Mentor


HOD

Head of the Department
Electronics and Communication Engineering
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