



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad-500043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME-ACTION TAKEN REPORT

Name of the faculty:	B.Subba Laxmi	Department:	IT
Regulation:	IARE-R16	Batch:	2016 -2020
Course Name:	Computational Mathematics and Integral Calculus	Course Code:	AHS003
Semester:	I-Semester	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.	1.6	2.7	1.8	Attainment target is reached
CO2 Make use of least square methods for fitting straight lines, second degree, exponential and power curves.	3	2.7	2.9	Attainment target is reached
CO3 Utilize numerical methods for solving linear differential equations with initial conditions.	1.3	2.7	1.6	Attainment target is not yet reached
CO4 Identify the limits of definite integrals for calculating the area of solids.	1.3	2.6	1.6	Attainment target is not yet reached
CO5 Extend vector operations and theorems for finding line, surface and volume integrals.	1	2.5	1.3	Attainment target is not yet reached
CO6 Determine characteristics of special functions for solving proper and improper integrals.	2	2.5	2.1	Attainment target is reached

Action taken report: (To be filled by the concerned faculty/course coordinator):

CO 3: Delivering more lecture on numerical methods for solving linear differential equations.
CO 4: Need to provide guest lectures on definite integrals for calculating the area of solids.
CO 5: Delivering more lectures on vector operations and theorems.

B. Subba Laxmi
Course Coordinator

Suresh Choudhary
Mentor

R. Sulekha
HOD