



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad-500043

## INFORMATION TECHNOLOGY

### ATTAINMENT OF COURSE OUTCOME-ACTION TAKEN REPORT

Name of the faculty:	Ch. Kumara swamy	Department:	IT
Regulation:	IARE-R16	Batch:	2017 -2021
Course Name:	Computational Mathematics and Integral Calculus	Course Code:	AHS003
Semester:	I-Semester	Target Value:	60% (1.8)

#### Attainment of COs:

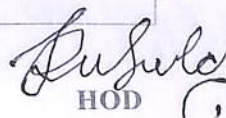
Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Apply numerical methods for solving algebraic, transcendental equations and interpolating the data.	3.0	2.5	2.9	Attainment target is reached
CO2	Make use of least square methods for fitting straight lines, second degree, exponential and power curves.	3.0	2.5	2.9	Attainment target is reached
CO3	Utilize numerical methods for solving linear differential equations with initial conditions.	3.0	2.5	2.9	Attainment target is reached
CO4	Identify the limits of definite integrals for calculating the area of solids.	2.3	2.5	2.3	Attainment target is reached
CO5	Extend vector operations and theorems for finding line, surface and volume integrals.	2.0	2.6	2.1	Attainment target is reached
CO6	Determine characteristics of special functions for solving proper and improper integrals.	2.0	2.6	2.1	Attainment target is reached

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

In this course, all the COs are attained. So no need to take corrective actions.

  
Course Coordinator

  
Mentor

  
HOD