INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. P SRILATHA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
Course Name:	**Linear Algebra and Calculus**	Course Code:	**AHSB02**
Semester:	**I**	Target Value:	**70% (2.1)**

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Compute the rank and inverse of real and complex matrices with elementary transformation methods.	2.40	2.50	2.4	Attained
CO2	Make use of Eigen values, Eigen vectors for developing modal, Spectral matrices and Cayley Hamilton for powers of the matrix.	2.70	2.50	2.7	Attained
CO3	Utilize the mean–value theorems and partial derivatives in estimating the extreme values for functions of several variables.	3.00	2.50	2.9	Attained
CO4	Solve the Second and higher order linear differential equations with constant coefficients by using substitution method and method of variation of parameters.	2.00	2.50	2.1	Attained
CO5	Apply the definite integral calculus to a function of two or more variable in calculating the area of solid bounded regions.	2.30	2.50	2.3	Attained
CO6	Calculate scalar and vector point function, line, surface, volume integral for bounded regions.	1.30	2.40	1.5	Not Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)
CO6: Assignment questions on line, surface and volume integrals will be given as exercise to make student understand the same concepts.

Course Coordinator **Mentor** **Head of the Department**

Head of the Department
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