



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Mr. M VENKATA CHARY** Department: **Computer Science and Engineering**
Regulation: **IARE - R20** Batch: **2022-2026**
Course Name: **Linear Algebra and Calculus** Course Code: **AHSC02**
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.	3.00	2.50	2.9	Attained
CO2 Use the Eigen values, Eigen vectors for developing modal and Spectral matrices from the given matrix.	3.00	2.50	2.9	Attained
CO3 Make use of Cayley Hamilton theorem for finding positive and negative powers of the matrix.	0.90	2.50	1.2	Not Attained
CO4 Utilize the mean-value theorems and partial derivatives in estimating the extreme values for functions of several variables.	3.00	2.40	2.9	Attained
CO5 Solve the Second and higher order linear differential equations with constant coefficients by using substitution method and method of variation of parameters.	2.30	2.40	2.3	Attained
CO6 Apply the Fourier Series expansion of periodic, even and odd functions in analyzing the square wave, sine wave rectifiers.	2.30	2.40	2.3	Attained

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

CO3: Assignment on Cayley Hamilton theorem for finding positive and negative powers of the matrix will be given to make student able to apply for applications.


Course Coordinator


Mentor


Head of the Department