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

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. NARESH KUMAR**	Department:	**Information Technology**
Regulation:	**IARE - R23**	Batch:	**2023-2027**
Course Name:	**Matrices and Calculus**	Course Code:	**AHSD02**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Determine the rank and solutions of linear equations with elementary operations.	3.00	2.50	2.9	Attained
CO2	Utilize the Eigen values, Eigen vectors for developing spectral matrices.	3.00	2.50	2.9	Attained
CO3	Make use of Cayley-Hamilton theorem for finding powers of the matrix	1.20	2.50	1.5	Not Attained
CO4	Interpret the maxima and minima of given functions.	1.80	2.40	1.9	Attained
CO5	Apply the Fourier series expansion of periodic functions for harmonic series.	0.80	2.50	1.1	Not Attained
CO6	Determine the volume of solid bounded regions by using the integral calculus.	0.00	2.40	0.5	Not Attained

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

CO3: Additional Assignments can be given on Cayley- Hamilton Theorem by using matrix.
CO5: Additional Assignments can be given Fourier Series solving by using integral Calculus.
CO6: Additional Assignments can be given on volume of solid bounded by using integral Calculus.

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