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

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr.J SURESH GOUD**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - BT23**	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	2.30	2.9	Attained
CO2	Utilize the Eigen values, Eigen vectors for developing spectral matrices.	1.20	2.30	1.4	Not Attained
CO3	Make use of Cayley-Hamilton theorem for finding powers of the matrix	1.20	2.40	1.4	Not Attained
CO4	Interpret the maxima and minima of given functions.	1.20	2.40	1.4	Not Attained
CO5	Apply the Fourier series expansion of periodic functions for harmonic series.	0.80	2.30	1.1	Not Attained
CO6	Determine the volume of solid bounded regions by using the integral calculus.	0.40	2.20	0.8	Not Attained

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

CO2: Additional problems on Eigen values and Eigen vectors are to be solved.

CO3: Additional assignments can be given on the Cayley-Hamilton theorem for finding the powers of the matrix.

CO4: Additional numericals for finding maxima and minima are to be given.

CO5: Additional assignments can be given on Fourier series expansion of periodic functions for harmonic series

CO6: Additional assignments can be given on the volume of solid bounded regions by using integral calculus.

Course Coordinator

Mentor

Head of the Department

Head of the Department
Aeronautical Engineering
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