



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. PRAVEENA RAO	Department:	Civil 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	2.40	2.30	2.4	Attained
CO4 Interpret the maxima and minima of given functions.	1.80	2.30	1.9	Attained
CO5 Apply the Fourier series expansion of periodic functions for harmonic series.	0.40	2.30	0.8	Not Attained
CO6 Determine the volume of solid bounded regions by using the integral calculus.	0.40	2.30	0.8	Not Attained

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

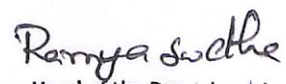
CO2: Students will be made to practice more problems and given assignments Eigen values, Eigen vectors for developing spectral matrices which enable them to gain more problem solving skills.

CO5: Students will be made to practice more problems and given assignments on fourier series expansion of periodic functions for harmonic series which enable them to gain more problem solving skills.

CO6: Students will be made to practice more problems and given assignments on volume of solid bounded regions by using integral calculus which enable them to gain more problem solving skills.


Course Coordinator


Mentor


Head of the Department
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