



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. B PRAVEENA	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Linear Algebra and Calculus	Course Code:	AHSC02
Semester:	I	Target Value:	60% (1.8)

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.	2.30	2.20	2.3	Attained
CO2	Use the Eigen values, Eigen vectors for developing modal and Spectral matrices from the given matrix.	0.90	2.20	1.2	Not Attained
CO3	Make use of Cayley Hamilton theorem for finding positive and negative powers of the matrix.	2.30	2.20	2.3	Attained
CO4	Utilize the mean-value theorems and partial derivatives in estimating the extreme values for functions of several variables.	0.90	2.20	1.2	Not Attained
CO5	Solve the Second and higher order linear differential equations with constant coefficients by using substitution method and method of variation of parameters.	1.60	2.20	1.7	Not Attained
CO6	Apply the Fourier Series expansion of periodic, even and odd functions in analyzing the square wave, sine wave rectifiers.	0.30	2.20	0.7	Not Attained

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

CO2: Take more classes on Eigen vectors for developing modal and Spectral matrices from the given matrix.

CO4: More tutorials are needed

CO5: conduct expert lecturers on higher order linear differential equations with constant coefficients by using substitution method

CO6: Students are encouraged to do mooc courses


Course Coordinator


Mentor


Head of the Department