INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr.J SURESH GOUD**	Department:	**Electrical and Electronics Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
Course Name:	**Linear Algebra and Calculus**	Course Code:	**AHSB02**
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.	2.70	2.60	2.7	Attained
CO2	Make use of Eigen values, Eigen vectors for developing modal, Spectral matrices and Cayley Hamilton for powers of the matrix.	1.40	2.70	1.7	Not Attained
CO3	Utilize the mean–value theorems and partial derivatives in estimating the extreme values for functions of several variables.	1.30	2.60	1.6	Not Attained
CO4	Solve the Second and higher order linear differential equations with constant coefficients by using substitution method and method of variation of parameters.	1.00	2.70	1.3	Not Attained
CO5	Apply the definite integral calculus to a function of two or more variable in calculating the area of solid bounded regions.	0.90	2.60	1.2	Not Attained
CO6	Calculate scalar and vector point function, line, surface, volume integral for bounded regions.	0.30	2.70	0.8	Not Attained

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

CO2: More ploblems should be practiced

CO3: Need to conduct slip tests

CO4: Extra classes have been taken

CO5: More ploblems should be practiced

CO6: Extra classes have been taken

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