

**INFORMATION TECHNOLOGY****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	<b>Ms. P RAJANI</b>	Department:	<b>Information Technology</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2019-2023</b>
Course Name:	<b>Linear Algebra and Calculus</b>	Course Code:	<b>AHSB02</b>
Semester:	<b>I</b>	Target Value:	<b>60% (1.8)</b>

**Attainment of COs:**

	<b>Course Outcome</b>	<b>Direct attainment</b>	<b>Indirect attainment</b>	<b>Overall attainment</b>	<b>Observation</b>
CO1	Compute the rank and inverse of real and complex matrices with elementary transformation methods.	3.00	2.50	2.9	Attained
CO2	Make use of Eigen values, Eigen vectors for developing modal, Spectral matrices and Cayley Hamilton for powers of the matrix.	2.70	2.50	2.7	Attained
CO3	Utilize the mean-value theorems and partial derivatives in estimating the extreme values for functions of several variables.	3.00	2.50	2.9	Attained
CO4	Solve the Second and higher order linear differential equations with constant coefficients by using substitution method and method of variation of parameters.	2.70	2.60	2.7	Attained
CO5	Apply the definite integral calculus to a function of two or more variable in calculating the area of solid bounded regions.	3.00	2.50	2.9	Attained
CO6	Calculate scalar and vector point function, line, surface, volume integral for bounded regions.	2.30	2.50	2.3	Attained

**Action Taken:**

*Papini*  
Course Coordinator

Mentor *H. S. J.*

Head of the Department *K. Reddy*