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.T SARITHA KUMARI**	Department:	**Electrical and Electronics Engineering**
Regulation:	**IARE - R18**	Batch:	**2019-2023**
Course Name:	**Mathematical Transform Techniques**	Course Code:	**AHSB11**
Semester:	**II**	Target Value:	**60% (1.8)**

\ttainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Solve algebraic and transcendental equations using Bisection method, Regula-falsi method and Newton-Raphson method	3.00	2.50	2.9	Attained
CO2	Apply numerical methods in interpolating the equal and unequal space data .	3.00	2.50	2.9	Attained
CO3	Make use of method of least squares to fit poliynomial curves and differential equation by numerical methods	3.00	2.60	2.9	Attained
CO4	Apply the Fourier transform as a mathematical function that transforms a signal from the time domain to the frequency domain, non-periodic function up to infinity	2.10	2.50	2.2	Attained
CO5	Explain the properties of Laplace and inverse transform to various functions the integral transforms operations of calculus to algebra in linear differential equations	1.00	2.60	1.3	Not Attained
CO6	Solve the linear, nonlinear partial differential equation by the method of Lagrange's ,separiable and Charpit to concern engineering field	2.10	2.50	2.2	Attained

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

CO5: Provide assignments on Laplace and inverse transform to various functions the integral transforms operations of calculus to algebra in linear differential equations

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