INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	L Indira	Department:	ECE
Regulation:	R18	Batch:	2018-2022
Course Name:	Mathematical Transformation Techniques	Course Code:	AHSB11
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Solve algebraic and transcendental equations using Bisection method, Regula-falsi method and Newton-Raphson method	3	2.6	2.9	Attainment target reached
CO2	Apply numerical methods in interpolating the equal and unequal space data .	3	2.6	2.9	Attainment target reached
CO3	Make use of method of least squares to fit poliynomial curves and differential equation by numerical methods	3	2.6	2.9	Attainment target reached
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	2.3	2.6	2.4	Attainment reached
CO5	Explain the properties of Laplace and inverse transform to various functions the integral transforms operations of calculus to algebra in linear differential equations	1.6	2.6	1.8	Attainment target reached
CO6	Solve the linear, nonlinear partial differential equation by the method of Lagrange's ,separable and Charpit to concern engineering field	2.3	2.6	2.4	Attainment target reached

Course Coordinator

Mentor

HOD

Dr. P. ASHOK BABU, M.E. Ph.D

Professor & Head

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