



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

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

Name of the Faculty:	Mrs. B. Praveena	Department:	ECE
Regulation:	UG20	Branch:	2020-2024
Course Name:	Mathematical Transform Techniques	Course Code:	AHSC07
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Explain the properties of Laplace and inverse transform to various functions such as continuous, piecewise continuous, step, impulsive and complex variable functions.	1.6	2.4	1.8	Attainment target reached
CO2	Make use of the integral transforms which converts operations of calculus to algebra in solving linear differential equations	2.3	2.3	2.3	Attainment target reached
CO3	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.	1.6	2.4	1.8	Attainment target reached
CO4	Apply the definite integral calculus to a function of two or more variables in calculating the area of solid bounded regions	2.3	2.3	2.3	Attainment target reached
CO5	Develop the differential calculus which transforms vector functions, gradients, Divergence, curl, and integral theorems to different bounded regions in calculating areas.	2	2.4	2.1	Attainment target reached
CO6	Solve Lagrange's linear equation related to dependent and independent variables the nonlinear partial differential equation by the method of Charpit concern to the engineering field	1.3	2.4	1.5	Attainment target reached

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

CO 3: Additional inputs will be provided on Lagrange's linear equation related to dependent and independent variables


Course Coordinator


Mentor


HOD

Head of the Department
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