INSTITUTE OF AERONATICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Mr. G Satyanarayana	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	Mathematical Transform Techniques	Course Code:	AHS011
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Explain the nature of the Fourier series that represent even and odd functions.	2.3	2.5	2.3	Attainment target reached
CO2	Apply to compute the Fourier series of the function with one variable	0.6	2.5	1	Attainment target is not reached
CO3	Identify the role of Fourier transform non-periodic functions up to infinity as a mathematical function in transforming a signal from the time domain to the frequency domain	1.3	2.5	1.5	Attainment target is not yet reached
CO4	Explain the properties of Laplace and inverse transform to various functions the integral transforms operations of calculus to algebra in linear differential equations	0.6	2.5	1	Attainment target is not yet reached
CO5	Compute the Z-transforms and inverse of Z-transforms to difference equations by using the methods of partial fractions and convolution method	1.3	2.5	1.5	Attainment target is not reached
CO6	Solve the linear, nonlinear partial differential equation by the method of Lagrange's ,separiable and Charpit to concern engineering field	0.6	2.5	1	Attainment target is not reached

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

CO 2: Providing more information and assignments on Fourier series.

CO 3: Providing more information and assignments on Fourier transform.

CO 4: Conducting Guest lecture on role of Fourier transform non-periodic functions as a mathematical function in transforming

a signal from the time domain

CO 5: Conducting tutorial classes on properties of Laplace and inverse transform to various functions.

CO 6: Providing more information and assignments on linear, nonlinear partial differential equation.

Course Coordinator

Mentor

HOD