INSTITUTE OF AERONAUTICAL 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	Batch:	2016-2020
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.	3	2.3	2.9	Attained
CO2	Apply to compute the Fourier series of the function with one variable	2.3	2.4	2.3	Attained
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	0.9	2.4	1.2	Not attained
CO4	Explain the properties of Laplace and inverse transform to various functions the integral transforms operations of calculus to algebra in linear differential equations	0.9	2.3	1.2	Not attained
CO5	Compute the Z-transforms and inverse of Z-transforms to difference equations by using the methods of partial fractions and convolution method	1.6	2.5	1.8	Attained
CO6	Solve the linear, nonlinear partial differential equation by the method of Lagrange's ,separiable and Charpit to concern engineering field	0.6	2.4	1	Not attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)
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 6: Providing more information and assignments on linear, nonlinear partial differential equation

Course Coordinator

Mentor

HOD

Head of the Department
Electronics and Communication Engineering
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