



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT


Name of the faculty:	Mr. G Satyanarayana	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	MATHEMATICAL TRANSFORM TECHNIQUES	Course Code:	AHS011
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:


Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Explain the nature of the Fourier series that represent even and odd functions.	0.9	2.7	1.3	Not Attained
CO2 Apply to compute the Fourier series of the function with one variable	0.9	2.7	1.3	Not 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	1.6	2.7	1.8	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	2.7	1.3	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	0.9	2.7	1.3	Not Attained
CO6 Solve the linear, nonlinear partial differential equation by the method of Lagrange's, separable and Charpit to concern engineering field	2.3	2.7	2.4	Attained

Action taken report:

CO 1: Need to use digital resources and ICT tools
CO 2: Provide more assignments on computation the Fourier series
CO 4: More focus on role of Fourier transform
CO 5: Provide more real time applications Z transforms and inverse Z transforms


Course Coordinator


Mentor


Head of the Department
Electrical and Electronics Engineering
HOD
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