



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

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

Name of the Faculty:	Ms. G Mary Swarnalatha	Department:	ECE
Regulation:	IARE-R16	Batch:	2016-2020
Course Name:	Simulation Laboratory	Course Code:	AHS107
Semester:	III	Target Value:	60% (1.8)

Attainment of Cos:

	Course Outcome	Overall Attainment	Observations
CO1	Understand the basics of MATLAB syntax and functions for programming the continuous and discrete time signals and systems.	2.3	Attained
CO2	Demonstrate the generation of various Signals and Sequences in MATLAB for performing the operations on Signals and Sequences.	2.3	Attained
CO3	Analyze the frequency response of a given signal and system using Fourier transform, Laplace transform and Z-transform.	2.3	Attained
CO4	Determine the Convolution and Correlation between Signals and sequences for measuring the similarities.	2.3	Attained
CO5	Relate the auto correlation function and power spectral density of a wide sense stationary random process to verify the Wiener- Khinchin theorem.	2.3	Attained
CO6	Make use of the distribution and density functions for analyzing the statistical behaviour of the standard random signals and processes.	2.3	Attained


Course Coordinator


Mentor


HOD

Head of the Department
Electronics and Communication Engineering
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