



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRONICS AND COMMUNICATION ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	<b>Ms. C V P SUPRADEEPTHI</b>	Department:	<b>Electronics and Communication Engineering</b>
Regulation:	<b>IARE - R20</b>	Batch:	<b>2022-2026</b>
Course Name:	<b>Signals and Systems</b>	Course Code:	<b>AECC02</b>
Semester:	<b>III</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Describe the concepts of signals and signal properties for performing mathematical operations.	2.70	1.90	2.5	Attained
CO2 Make use of Fourier series and Fourier transform for calculating spectral characteristics of periodic and aperiodic signals	2.00	1.90	2	Attained
CO3 Utilize the concepts of convolution and correlation to determine the response of a LTI system.	0.90	1.90	1.1	Not Attained
CO4 Classify the ideal lowpass,high pass,band pass and band stop filters for obtaining the response of linear time invariant system	1.30	1.90	1.4	Not Attained
CO5 Apply the Laplace and Z transform for analyzing the frequency domain representation of continuous and discrete time signals and system respectively.	2.00	1.90	2	Attained
CO6 Demonstrate the procedure for sampling and reconstruction of bandlimited signals by using sampling techniques.	1.60	1.90	1.7	Not Attained

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

CO3: Guest lecture will be conduct on convolution and correlation to determine the response of a LTI system.

CO4: Tutorial classes will be conduct on ideal lowpass,high pass,band pass and band stop filters for obtaining the response of linear time invariant system

CO6: Guest lecture will be conduct on sampling and reconstruction of bandlimited signals by using sampling techniques.

*Supradeepthi*  
Course Coordinator

*[Signature]*  
Mentor

*[Signature]*  
Head of the Department

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