INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Ms. B VEENA**	Department:	**Electronics and Communication Engineering**
Regulation:	**IARE - UG20**	Batch:	**2021-2025**
Course Name:	**Digital Signal Processing**	Course Code:	**AECC33**
Semester:	**VI**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate the concept of discrete time signals and systems for analysing the response of LTI system in time domain and frequency domain	0.90	2.20	1.2	Not Attained
CO2	Construct the Decimation-in-time fast fourier transform and decimation-in-frequency fast fourier transform for reducing computational complexity of DFT	0.90	2.20	1.2	Not Attained
CO3	Implement the digital filters and their realization structures using various transformation technique	3.00	2.20	2.8	Attained
CO4	Analyze the performance characteristics of digital filters to meet expected system specifications using MATLAB	3.00	2.20	2.8	Attained
CO5	Interpret the efficient implementation of sample rate conversion of digital signals to interface the digital systems with different sampling rates	3.00	2.20	2.8	Attained
CO6	Identify the errors in analog to digital conversion for tolerating finite word length effects	0.90	2.20	1.2	Not Attained

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

CO1: Guest lectures will be conduct on concept of discrete time signals and systems for analyzing the response of LTI system

CO2: Assignment will be given on frequency fast fourier transform and Decimation-in-time fast fourier transform

CO6: Assignment will be given on analog to digital conversion

Course Coordinator

Mentor

Head of the Department

Dr. P. MUNASWAMY M.Tech, Ph.D, MISTE
Professor & Head
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