



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

Name of the faculty:	Dr. S CHINA VENKATESWARLU	Department:	Electronics and Communication Engineering
Regulation:	IARE - R20	Batch:	2020-2024
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	2.70	2.20	2.6	Attained
CO2	Construct the Decimation-in-time fast fourier transform and decimation-in-frequency fast fourier transform for reducing computational complexity of DFT	3.00	2.20	2.8	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	2.10	2.10	2.1	Attained
CO5	Interpret the efficient implementation of sample rate conversion of digital signals to interface the digital systems with different sampling rates	1.70	2.20	1.8	Attained
CO6	Identify the errors in analog to digital conversion for tolerating finite word length effects	2.00	2.20	2	Attained

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


Course Coordinator


Mentor


Head of the Department
Head of the Department
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