INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Dr. B Ravi Kumar	Department:	ECE
Regulation:	IARE-R16	Branch:	2016-2020
Course Name:	Digital Signal Processing Laboratory	Course Code:	AEC107
Semester:	VI Semester	Target Value:	60% (1.8)

Attainment of Cos:

	Course Outcome	Overall Attainment	Observations
CO1	Examine the overlap add and overlap save convolution methods for long duration sequence	2	Attained
CO2	Compute the FFT algorithms for reducing computational complexity of discreet Fourier transform	2	Attained
CO3	Implement FIR and IIR filters using digital transformation technique.	2	Attained
CO4	Analyse the DTMF tone generation and detection using Goertzel algorithm	2	Attained
CO5	Apply decimation and interpolation methods for sampling rate conversion	2	Attained
CO6	Design the IIR and FIR Filter using DSP Kits	2	Attained

Course Coordinator

Mentor

HOD

Head of the Department
Electronics and Communication Engineering
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