



# 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. S Sushma	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	Digital Signal Processing LAB	Course Code:	AEC107
Semester:	VI	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	Attainment target reached
CO2	Compute the FFT algorithms for reducing computational complexity of discrete Fourier transform	2	Attainment target reached
CO3	Implement FIR and IIR filters using digital transformation technique.	2	Attainment target reached
CO4	Analyse the DTMF tone generation and detection using Goertzel algorithm	2	Attainment target reached
CO5	Apply decimation and interpolation methods for sampling rate conversion	2	Attainment target reached
CO6	Design the IIR and FIR Filter using DSP Kits	2	Attainment target reached

*Sushma*  
Course Coordinator

*[Signature]*  
Mentor

*[Signature]*  
HOD

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