



# 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 G. Ajitha	Department:	ECE
Regulation:	R18	Branch:	2019-2023
Course Name:	Analog Communications Laboratory	Course Code:	AECB16
Semester:	IV	Target Value:	60% (1.8)

### Attainment of COs:

Course Outcome		Overall Attainment	Observations
CO1	Examine linearity, time invariance, stability properties of a given system for analysis of response of LTI system.	2.3	Attainment target reached
CO2	Discriminate the generation and detection of amplitude modulated and frequency modulated signals to calculate the modulation index and frequency deviation.	2.3	Attainment target reached
CO3	Analyze the working principle for generating and detecting DSBSC and SSBSC modulated wave.	2.3	Attainment target reached
CO4	Distinguish the time division and frequency division multiplexing techniques for transmitting multiple signals at a time in the communication system	2.3	Attainment target reached
CO5	Examine the mixer characteristics of super heterodyne receiver to verify the characteristics of automatic gain control unit.	2.3	Attainment target reached
CO6	Make use of phase locked loop to verify the operation of frequency synthesizer.	2.3	Attainment target reached

*GMAF*  
Course Coordinator

*GMAF*  
Mentor

*[Signature]*  
HOD

Head of the Department  
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