

## 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	Course Code:	AECB12
Semester:	IV	Target Value:	60% (1.8)

## Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Illustrate the fundamental equations, generation and detection techniques of amplitude modulations for video signal transmission systems.	3	2.2	2.8	Attainment target reached
CO2	Compare bandwidth, power requirements, efficiency for AM and FM analog communication systems	3	2.2	2.8	Attainment target reached
CO3	Outline the generation and detection techniques of frequency modulated waves used for audio signal transmission systems.	3	2.2	2.8	Attainment target reached
CO4	Calculate Signal to Noise Ratio (SNR) and noise figure for analysis of amplitude and frequency modulation techniques.	3	2.2	2.8	Attainment target reached
CO5	Make use of the working principles of AM, FM receivers to measure selectivity, sensitivity, fidelity and signal to noise ratio.	3	2.2	2.8	Attainment target reached
CO6	Interpret the generation and detection techniques of pulse modulations for introducing digital communications, A/D converters.	3	2.2	2.8	Attainment target reached

Course Coordinator

Mentor

Head of the Department
Electronics and Communication Engineering
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