



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

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

Name of the Faculty:	Mr S. Lakshmanachari	Department:	ECE
Regulation:	R18	Branch:	2018-2022
Course Name:	Analog and Pulse Circuits Laboratory	Course Code:	AECB15
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Overall Attainment	Observations
CO1	Demonstrate the concept of single-stage amplifiers using frequency response to calculate amplifier gain and bandwidth.	2	Attainment target reached
CO2	Summarize the concept of feedback in multi stage amplifiers to calculate the overall gain, input and output	2	Attainment target reached
CO3	Analyze oscillators using Barkhausen criterion to generate sinusoidal signal and its frequency response.	2	Attainment target reached
CO4	Develop high efficiency power amplifiers for audio amplifier circuits to decrease signal distortion.	2	Attainment target reached
CO5	Build circuits using diodes and transistors for deriving the frequency response for step and square input.	2	Attainment target reached
CO6	Construct multivibrators and Schmitt trigger using cross-coupled Transistors to generate pulse waveforms.	2	Attainment target reached


Course Coordinator


Mentor


HOD

Head of the Department
Electronics and Communication Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043