



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRONICS AND COMMUNICATION ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. P ANNAPURNA	Department:	Electronics and Communication Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Analog and Pulse Circuits Laboratory	Course Code:	AECC13
Semester:	IV	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Analyze the single stage and multistage Bipolar Junction Transistor amplifiers for determining the voltage gain and bandwidth	3.00	0.00	3	Attained
CO2 Build linear and nonlinear wave shaping circuits to obtain the response for sine and square wave inputs	3.00	0.00	3	Attained
CO3 Analyze voltage series and current shunt feedback amplifier circuits for determining amplifier characteristics	3.00	0.00	3	Attained
CO4 Apply the Barkhausen criteria to oscillators for generating sine wave	3.00	0.00	3	Attained
CO5 Examine the suitable multivibrator to generate non-sinusoidal waveforms for real time applications	3.00	0.00	3	Attained
CO6 Examine the frequency response of class-A power amplifiers and single tuned voltage amplifier circuits using Bipolar junction transistors (BJT)	3.00	0.00	3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
ELECTRONICS AND COMMUNICATION ENGINEERING  
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