



# 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:	IARE-R16	Branch:	2017-2021
Course Name:	Electronic Circuit and Pulse Circuits Laboratory	Course Code:	AEC102
Semester:	IV	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome		Overall Attainment	Observations
CO1	Analyze the single stage and multistage Bipolar Junction Transistor (BJT) amplifiers for estimating the voltage gain and bandwidth.	1.7	Attainment target is not reached
CO2	Build linear and non-linear wave shaping circuits to observe the response for sine and square wave inputs.	1.7	Attainment target is not reached
CO3	Make use of voltage series and current shunt feedback amplifier circuits for determining amplifier characteristics.	1.7	Attainment target is not yet reached
CO4	Apply the Barkhausen criteria to oscillators for generating sine wave.	1.7	Attainment target is not yet reached
CO5	Identify the suitable multivibrator to generate non-sinusoidal waveforms for real time applications.	1.7	Attainment target is not reached
CO6	Examine the frequency response of class-A power amplifiers and single tuned voltage amplifier circuits using Bipolar Junction Transistor (BJT).	1.7	Attainment target is not yet reached

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

- CO 1: Practice labs are conducted on single stage and multistage Bipolar Junction Transistor (BJT) amplifier experiments.
- CO 2: Open ended experiments are conducted on linear and non-linear wave shaping circuits.
- CO 3: Repetition labs are conducted for voltage series and current shunt feedback amplifier experiments.
- CO 4: Repetition labs are conducted for Oscillator experiments
- CO 5: Practice labs are conducted on multivibrator experiments
- CO 6: Open ended experiments are conducted on class-A power amplifiers and single tuned voltage amplifier circuits

Course Coordinator

Mentor

HOD

Head of the Department  
Electronics and Communication Engineering  
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