INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	**S Lakshmanachari**	Department:	**ECE**
Regulation:	**R18**	Batch:	**2019-2023**
Course Name:	**Analog and Pulse Circuits LAB**	Course Code:	**AECB15**
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 amplifiers for determing the voltage gain and bandwdith	3	Attainment target reached
CO2	Build linear and nonlinear wave shaping circuits to obtain the response for sine and square wave inputs	3	Attainment target reached
CO3	Analyze voltage series and current shunt feedback amplifier circuits for determniing amplifier characteristics	3	Attainment target reached
CO4	Apply the Bharkhausen criteria to oscillators for generating sine wave	3	Attainment target reached
CO5	Examine the suitable multivibrator to generate non-sinusoidal waveforms for real time applications	3	Attainment target reached
CO6	Examine the frequency response of class-A power amplifiers and single tuned voltage amplifier circuits using Bipolar junction transistors (BJT)	3	Attainment target reached

Course Coordinator **Mentor** **HOD**

Head of the Department
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