



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. L BABITHA	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Analog Electronics	Course Code:	AECC07
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Recall the principles and operation of pn diode for the applications such as rectifiers, clippers, and clampers	3.00	2.10	2.8	Attained
CO2	Illustrate the characteristics of bipolar and uni polar transistor for operating in different regions of operation.	0.60	2.10	0.9	Not Attained
CO3	Demonstrate differential amplifiers and power amplifiers using transistor high frequency model.	2.30	2.10	2.3	Attained
CO4	Estimate feedback amplifiers parameters based on sampling and mixer circuits.	1.60	2.10	1.7	Not Attained
CO5	Determine frequency of oscillations for the RC, LC, Hartley and Colpitts oscillators.	1.60	2.10	1.7	Not Attained
CO6	Utilize inverting and non inverting amplifiers as waveform generators and in IC related real time applications.	2.00	2.10	2	Attained

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

CO2: Extra classes should be taken

CO4: Model based learning are planned

CO5: Explain more problems on frequency of oscillations for the RC, LC, Hartley and Colpitts oscillators


Course Coordinator


Mentor


Head of the Department