



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. T Mahesh	Department:	ECE
Regulation:	R18	Batch:	2019-2023
Course Name:	Electrical Circuit Analysis	Course Code:	AEEB02
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	List the effects of resistance, coupling and bypass capacitors for frequency response of single stage amplifiers	2.3	2.5	2.3	Target Attained
CO2	Explain the concept of transistor amplifiers at high frequency for determining gain and bandwidth	1.6	2.5	1.8	Target Attained
CO3	Develop RC, transformer and direct coupled multi stage amplifiers to find the effect of cascading on gain and bandwidth.	1.6	2.5	1.8	Target Attained
CO4	Summarize the concept of tuned amplifiers for determining the resonant frequency and gain.	2.3	2.5	2.3	Target Attained
CO5	Demonstrate the conditions required by an amplifier to generate positive and negative feedback amplifiers.	1.6	2.5	1.8	Target Attained
CO6	Describe different types of power amplifiers based on position of quiescent point for determining efficiency and power dissipation of class A, class B power amplifiers.	3	2.5	2.9	Target Attained

Course Coordinator

Mentor

HOD

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