



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. J Sivaramakrishna	Department:	ECE
Regulation:	IARE-R16	Batch:	2016-2020
Course Name:	Electronic Circuit Analysis	Course Code:	AEC004
Semester:	IV	Target Value:	60% (1.8)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Recall the effect of resistance, coupling and bypass capacitors for frequency response of single stage amplifiers.	2.00	2.30	2.1	Attained
CO2	Understand the concept of transistor amplifiers at high frequency for determining gain and bandwidth.	1.60	2.40	1.8	Attained
CO3	Develop RC, transformer, and direct coupled multi stage amplifiers to find the effect of cascading on gain and bandwidth.	0.90	2.40	1.2	Not attained
CO4	Explain the concept of tuned amplifiers for determining the resonant frequency and gain	2.30	2.40	2.3	Attained
CO5	Demonstrate the conditions required by an amplifier to generate positive and negative feedback amplifiers.	3.00	2.30	2.9	Attained
CO6	Understand different types of power amplifiers based on position of quiescent point for determining efficiency and power dissipation of class A, class B power amplifiers.	1.60	2.30	1.7	Not attained

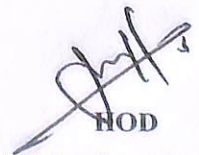
Action Taken Report: (To be filled by the concerned faculty / course coordinator)

In this Course, the CO1, CO2, CO3, CO5 and CO6 requires additional attention and it is improved by

1. Conducting Guest lectures on multi stage amplifiers and tuned amplifiers.
2. Additional inputs will be provided on stability of tuned amplifiers and effect of cascading single tuned amplifiers on bandwidth.
3. Giving assignments and conducting tutorials on analysis class A amplifier, class B amplifier and complementary symmetry class B push-pull amplifier.


Course Coordinator


Mentor


HOD

Head of the Department
Electronics and Communication Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043