



# 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 B. Naresh	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	Electronic Devices and Circuits Laboratory	Course Code:	AEC101
Semester:	III	Target Value:	60% (1.8)

### Attainment of COs:

Course Outcome		Overall Attainment	Observations
CO1	Demonstrate electronic measuring instruments for measuring voltage, current, frequency and phase of the various signals.	2	Attainment target reached
CO2	Apply the pn junction diode and Zener diode characteristics for the diode applications such as rectifiers and voltage regulator	2	Attainment target reached
CO3	Analyze the input and output characteristics of transistor(BJT and FET) configurations for determining the input - output resistances.	2	Attainment target reached
CO4	Analyze BJT and FET amplifiers for estimating the voltage gain and Current gain	2	Attainment target reached
CO5	Calculate the intrinsic stand-off ratio of the uni junction transistor using volt – ampere characteristics	2	Attainment target reached
CO6	Determine holding, latching current and break over voltage of silicon controlled rectifier using volt – ampere characteristics.	2	Attainment target reached

  
Course Coordinator

  
Mentor

  
HOD  
Head of the Department  
Electronics and Communication Engineering  
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