



# 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	Batch:	2016-2020
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.	2.3	Attained
CO2	Apply the pn junction diode and Zener diode characteristics for the diode applications such as rectifiers and voltage regulator	2.3	Attained
CO3	Analyze the input and output characteristics of transistor (BJT and FET) configurations for determining the input - output resistances.	2.3	Attained
CO4	Analyze BJT and FET amplifiers for estimating the voltage gain and Current gain	2.3	Attained
CO5	Calculate the intrinsic stand-off ratio of the uni junction transistor using volt - ampere characteristics	2.3	Attained
CO6	Determine holding, latching current and break over voltage of silicon controlled rectifier using volt - ampere characteristics.	2.3	Attained

  
Course Coordinator

  
Mentor

  
HOD  
Head of the Department  
Electronics and Communication Engineering  
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