



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. B MANOGNA	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Basic Electrical and Electronics Engineering Laboratory	Course Code:	AEEB08
Semester:	II	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Analyze an electric circuit using Ohm's and Kirchhoff's laws.	1.60	0.00	1.6	Not Attained
CO2	Analyze the performance characteristics of DC shunt machine at various loading conditions.	1.60	0.00	1.6	Not Attained
CO3	Examine the performance of single-phase transformers, induction motors and alternator by conducting a suitable test.	1.60	0.00	1.6	Not Attained
CO4	Acquire basic knowledge on the working of PN-junction diode, Zener diode to plot their V-I characteristics.	1.60	0.00	1.6	Not Attained
CO5	Identify transistor configuration and their working to deduce its working as switch and amplifier.	1.60	0.00	1.6	Not Attained

#### Action Taken:

CO1: More practice may be given on analyzing an electric circuit using Ohm's and Kirchhoff's laws.

CO2: More practice may be given on analyzing the performance characteristics of DC shunt machine at various loading conditions.

CO3: More practice may be given on analyzing the performance of single-phase transformers, induction motors and alternator by conducting a suitable test.

CO4: More practice may be given on working of PN-junction diode, Zener diode to plot their V-I characteristics.

CO5: More practice may be given on working of transistor as switch and amplifier

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Mechanical Engineering  
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