



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. N. Shiva Prasad	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Basic Electrical and Electronics Engineering Laboratory	Course Code:	AEE103
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Solve the electrical circuit source resistance, currents, voltage and power by applying various network reduction techniques.	1.60	0.00	1.6	Attainment target not reached
CO2	Apply magnetization characteristics of dc shunt generator for calculating the critical resistance and speed control methods and performance characteristics of DC Shunt machine and Transformer for efficiency.	1.60	0.00	1.6	Attainment target not reached
CO3	Acquire basic knowledge on the working of PN-junction diode, Zener diode to plot their V-I characteristics.	1.60	0.00	1.6	Attainment target not reached
CO4	Identify transistor configuration and their working to deduce its working as switch and amplifier.	1.60	0.00	1.6	Attainment target not reached
CO5	Explore the knowledge and skills of employability to succeed in national and international level competitive examinations.	1.60	0.00	1.6	Attainment target not reached
CO6	Solve the electrical circuit source resistance, currents, voltage and power by applying various network reduction techniques.	0.00	0.00	0	Attainment target not reached

Action taken report:

CO1: More experiments need to be done on network reduction techniques.

CO2: Assignments may be given on dc shunt generator.

CO3: More practical to be conducted on PN-junction diode, Zener diode to plot their V-I characteristics.


CO4: More applications may be given on transistor configuration.

CO5: More practical need to be conducted for better improvement.

CO6: More assignments and application need to be given for better improvement.

Course Coordinator

Mentor


HOD
Head of the Department
Mechanical Engineering
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