



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	B Manogna	Department:	Aeronautical Engineering
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Basic Electrical and Electronics Engineering Laboratory	Course Code:	AEE103
Semester:	III	Target Value:	88% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	2.0	-	2.0	Attainment target reached
CO 2	Differentiate the working of moving iron and moving coil type instruments for computing electrical quantities using suitable instrument.	2.0	-	2.0	Attainment target reached
CO 3	Demonstrate the construction, principle and working of DC machines for their performance analysis.	2.0	-	2.0	Attainment target reached
CO 4	Illustrate alternating quantities of sinusoidal waveform and working, construction of single phase transformers, induction motors, alternators for analysis of AC waveforms and AC machines.	2.0	-	2.0	Attainment target reached
CO 5	Apply the PN junction characteristics for the diode applications such as switch and rectifier.	2.0	-	2.0	Attainment target reached
CO 6	Extend the biasing techniques for bipolar and uni-polar transistor amplifier circuits considering stability condition for establishing a proper operating point.	2.0	-	2.0	Attainment target reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

Course Coordinator

Mentor

Head of the Department
Aeronautical HOD
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