



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. N SHIVA PRASAD	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	Course Code:	AEEB04
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	1.70	2.60	1.9	Attained
CO2 Differentiate the working of moving iron and moving coil type instruments for computing electrical quantities using suitable instrument.	2.10	2.80	2.2	Attained
CO3 Demonstrate the construction, principle and working of DC machines for their performance analysis.	1.40	3.00	1.7	Not Attained
CO4 Illustrate alternating quantities of sinusoidal waveform and working, construction of single phase transformers, induction motors, alternators for analysis of AC waveforms and AC machines.	1.40	2.40	1.6	Not Attained
CO5 Apply the PN junction characteristics for the diode applications such as switch and rectifier.	0.70	2.80	1.1	Not Attained
CO6 Extend the biasing techniques for bipolar and uni-polar transistor amplifier circuits considering stability condition for establishing a proper operating point.	1.70	2.50	1.9	Attained

Action Taken:

CO3: More Applications may be given on DC machines for their performance analysis

CO4: More Assignments may be given on single -phase transformers, induction motors and alternators for analysis of AC wave forms and AC machines

CO5: More Applications may be given on PN junction characteristics


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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