

BB-04
EEE



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. MULE LAXMIDEVI RAMANAIAH	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Basic Electrical Engineering	Course Code:	AEEC01
Semester:	II	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.	2.30	2.40	2.3	Attained
CO2 Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	0.90	2.40	1.2	Not Attained
CO3 Make use of various network theorems and graph theory for simplifying complex electrical networks.	0.70	2.40	1	Not Attained
CO4 Demonstrate the construction, principle and working of DC machines for their performance analysis.	2.30	2.30	2.3	Attained
CO5 Illustrate working, construction and obtain the equivalent circuit of single phase transformers.	0.90	2.30	1.2	Not Attained
CO6 Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	0.90	2.40	1.2	Not Attained

Action Taken:

CO2: Additional inputs will be provided by Defining the basic nomenclature of single-phase AC circuits for obtaining impedance, and admittance of series and parallel circuits.

CO3: Giving assignments and conducting tutorials on making use of various network theorems and graph theory for simplifying complex electrical networks.

CO5: Provide more problems and assignments on Illustrate working, construction and obtain the equivalent circuit of single phase transformers.

CO6: Providing more information and assignments on concepts of exploring electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.

Course Coordinator

Mentor

Head of the Department
Civil Engineering
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