

BB-17  
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:	2020-2024
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.	1.60	2.20	1.7	Not Attained
CO2 Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	0.90	2.20	1.2	Not Attained
CO3 Make use of various network theorems and graph theory for simplifying complex electrical networks.	0.90	2.20	1.2	Not Attained
CO4 Demonstrate the construction, principle and working of DC machines for their performance analysis.	0.90	2.20	1.2	Not Attained
CO5 Illustrate working, construction and obtain the equivalent circuit of single phase transformers.	0.60	2.20	0.9	Not Attained
CO6 Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	0.60	2.10	0.9	Not Attained

#### Action Taken:

CO1: Giving assignments and conducting tutorials on complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.


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

CO3: Providing more information on use of various network theorems and graph theory for simplifying complex electrical networks.


CO4: Need to provide more problems on the construction, principle and working of DC machines for their performance analysis.

CO5: Giving assignments and conducting tutorials on working, construction and obtain the equivalent circuit of single phase transformers.

CO6: Additional inputs will be provided on Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Civil Engineering  
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