



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. RAVI BABU T	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Basic Electrical Engineering	Course Code:	AEECO1
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.	3.00	2.30	2.9	Attained
CO2 Define basic nomenclature of single phase AC circuits for obtaining impedance, admittance of series and parallel circuits.	1.30	2.30	1.5	Not Attained
CO3 Make use of various network theorems and graph theory for simplifying complex electrical networks.	0.60	2.30	0.9	Not Attained
CO4 Demonstrate the construction, principle and working of DC machines for their performance analysis.	0.90	2.40	1.2	Not Attained
CO5 Illustrate working, construction and obtain the equivalent circuit of single phase transformers.	1.60	2.30	1.7	Not Attained
CO6 Explore electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	0.90	2.30	1.2	Not Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)


CO2: Solve more problems on AC Analysis and Series, Parallel

CO3: Organizing expert lectures for students on graph theory for simplifying complex electrical networks.

CO4: Conduct tutorial classes on DC Machines

CO5: Solve more problems on transformers

CO6: Conduct tutorial classes on Synchronous machines


Course Coordinator


Mentor


Head of the Department

Head of the Department
Civil Engineering
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