



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. K DEVENDER REDDY	Department:	Information Technology
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Basic Electrical Engineering	Course Code:	AEEC01
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.	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.	0.90	2.30	1.2	Not Attained
CO3	Make use of various network theorems and graph theory for simplifying complex electrical networks.	1.30	2.30	1.5	Not Attained
CO4	Demonstrate the construction, principle and working of DC machines for their performance analysis.	0.90	2.30	1.2	Not 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.	0.60	2.30	0.9	Not Attained

Action Taken:

CO2: Need to explain more examples on single phase AC circuits

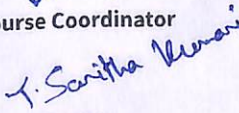
CO3: Need to discuss more concepts on network theorems and graph theory.

CO4: Need to solve more problems on construction and working of DC machines

CO5: Need to solve problems on equivalent circuit of single phase transformers.

CO6: Need to discuss electromagnetic law in detail and operations of synchronous and asynchronous machines.


Course Coordinator


Mentor

Head of the Department 