



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. P SHIVA KUMAR	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	DC Machines and Transformers	Course Code:	AEEC07
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Use the concepts of complex algebra, phasor operations, principles of electromagnetism and circuit theory for analyzing the performance related issues in electrical machines.	0.90	2.40	1.2	Not Attained
CO2	Demonstrate the working of linear machine as generator, motor and transformer by applying electromagnetic laws and its mathematical models under different loading conditions	1.30	2.40	1.5	Not Attained
CO3	Identify various control strategies for calculating the performance parameters and voltage regulation of electrical machines	2.30	2.40	2.3	Attained
CO4	Illustrate the equivalent circuits and connections of three phase transformers and auto transformers for power system analysis	0.90	2.40	1.2	Not Attained
CO5	Illustrate the equivalent circuits and connections of three phase transformers and auto transformers for power system analysis	0.00	2.40	0.5	Not Attained

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

CO1: Students are encouraged to do mooc courses

CO2: Model based learning are planned

CO4: More problems should be practiced

CO5: Extra classes should be taken


Course Coordinator


Mentor


Head of the Department