



ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. P SRIDHAR	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2021-2025
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.	1.30	2.20	1.5	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	2.20	1.5	Not Attained
CO3	Identify various control strategies for calculating the performance parameters and voltage regulation of electrical machines	0.90	2.20	1.2	Not Attained
CO4	Illustrate the equivalent circuits and connections of three phase transformers and auto transformers for power system analysis	1.60	2.30	1.7	Not Attained
CO5	Illustrate the equivalent circuits and connections of three phase transformers and auto transformers for power system analysis	0.90	2.30	1.2	Not Attained

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

CO1: Take more classes on principles of electromagnetism and circuit theory for analyzing the performance related issues in electrical machines.

CO2: Provide more Real-time applications for working of linear machine as generator under different loading conditions

CO3: Students are encouraged to do MOOC courses

CO4: Taking the more classes on problems of transformer

CO5: Conduct expert lecturers on three phase transformers


Course Coordinator


Mentor


Head of the Department