



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

Name of the faculty: **Mr. N SHIVA PRASAD** Department: **Electrical and Electronics Engineering**
Regulation: **IARE - R18** Batch: **2018-2022**
Course Name: **ELECTRICAL MACHINES-I** Course Code: **AEEB11**
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 analysing the performance related issues in electrical machines.	1.70	2.40	1.8	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.	2.30	2.40	2.3	Attained
CO3 Identify various control strategies for calculating the performance parameters and voltage regulation of electrical machines .	0.60	2.30	0.9	Not Attained
CO4 Illustrate the equivalent circuits and connections of three phase transformers and auto transformers for power system analysis	1.60	2.40	1.8	Attained
CO5 Describe the load sharing capabilities and reliability of electrical machines using parallel operation under various loading conditions.	0.00	2.40	0.5	Not Attained

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

CO3: Expert lectures are planned

CO5: Tutorial classes has been conducted


Course Coordinator


Mentor


Head of the Department