



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. K LINGASWAMY	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	AC Machines	Course Code:	AEEEC11
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Demonstrate various winding factors, spatially displaced armature windings to generate electro motive force in AC machines	2.30	2.50	2.3	Attained
CO2 Illustrate electromagnetic laws used for the construction and operation of synchronous and asynchronous machines	0.90	2.50	1.2	Not Attained
CO3 Identify various control strategies for calculating the performance parameters and voltage regulation of AC machines	0.90	2.50	1.2	Not Attained
CO4 Demonstrate the parallel operation of alternators for load sharing under various loading conditions	0.90	2.50	1.2	Not Attained
CO5 Examine the behavior of synchronous motor with variable excitation and loadings for calculating armature current, power and power factor	0.90	2.50	1.2	Not Attained

Action taken report:

CO2:

Need to provide e-content for better understanding of synchronous machine

CO3:

Plan for expert lectures

CO4:

Take tutorial classes and practice more problems on parallel operation of alternators.

CO5:

Provide assignments on synchronous motor, and also additional digital resources which enables the students to gain more problem-solving skills


 Course Coordinator

Mentor 


Head of the Department

Head of the Department
Electrical and Electronics Engineering
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