



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	K Devender Reddy	Department:	EEE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	AC Machines	Course Code:	AEE007
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.	3	2.4	2.9	Attainment target reached
CO2	Illustrate electromagnetic laws used for the construction and operation of synchronous and asynchronous machines.	0.9	2.3	1.2	Attainment target reached
CO3	Identify various control strategies for calculating the performance parameters and voltage regulation of AC machines.	1.6	2.3	1.7	Attainment target is not yet reached.
CO4	Demonstrate the parallel operation of alternators for load sharing under various loading conditions.	1.6	2.4	1.8	Attainment target reached
CO5	Examine the behavior of synchronous motor with variable excitation and loadings for calculating armature current, power and power factor	0.9	2.3	1.2	Attainment target is not yet reached

Action taken report:

CO 2: Need to provide e-content for better understanding of electromagnetic laws.

CO 3: Take tutorial classes on voltage regulation of AC machines.

CO 5: Provide more assignments to practice on synchronous motor and also additional digital resources which enables the students to gain more problem solving-skills.

Course Coordinator

Mentor

HOD

Head of the Department
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