



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr K Devender Reddy	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	AC Machines Laboratory	Course Code:	AEE106
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Overall attainment	Observation
CO 1	Select suitable testing strategies for evaluating the performance characteristics of transformers.	1	Attained
CO 2	Determine the performance parameters of induction motor by conducting direct and indirect tests.	1	Attained
CO 3	Explain the parallel operation of alternators for load sharing under various loading conditions.	1	Attained
CO 4	Distinguish the synchronous impedance and ampere turns methods for the computation of voltage regulation of an alternator.	1	Attained
CO 5	Estimate the voltage and current swings in salient pole alternator for determination of direct and quadrature axis reactance.	1	Attained

Action taken report:

CO 1: Need to provide more open ended experiments to determine performance characteristics of transformers
CO 2: Need to provide more open ended experiments to determine performance parameters of induction motors
CO 3: Need to provide more open ended experiments for parallel operation of alternators
CO 4: Need to provide more open ended experiments for voltage regulation of an alternator.
CO 5 :Need to provide more open ended experiments on salient pole alternator

Course Coordinator

Mentor

Head of the Department
HOD
Electrical and Electronics Engineering
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