

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

Name of the faculty:	<b>Mr. K LINGASWAMY</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R20</b>	Batch:	<b>2020-2024</b>
Course Name:	<b>AC Machines Laboratory</b>	Course Code:	<b>AEEEC13</b>
Semester:	<b>IV</b>	Target Value:	<b>70% (2.1)</b>

**Attainment of COs:**

	<b>Course Outcome</b>	<b>Direct Attainment</b>	<b>Indirect Attainment</b>	<b>Overall Attainment</b>	<b>Observation</b>
CO1	Select suitable testing strategies for evaluating the performance characteristics of transformers	3.00	0.00	3	Attained
CO2	Determine the performance parameters of induction motor by conducting direct and indirect tests	3.00	0.00	3	Attained
CO3	Explain the parallel operation of alternators for load sharing under various loading conditions.	3.00	0.00	3	Attained
CO4	Distinguish the synchronous impedance and ampere turns methods for the computation of voltage regulation of an alternator.	3.00	0.00	3	Attained
CO5	Estimate the voltage and current swings in salient pole alternator for determination of direct and quadrature axis reactance.	3.00	0.00	3	Attained
CO6	Apply programmable logic controllers for limiting the starting current of poly phase induction motors.	3.00	0.00	3	Attained

**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**  
Course Coordinator  
Mentor  
Head of the Department