


**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

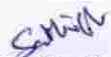
Name of the faculty:	<b>Mr. A SATHISH KUMAR</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2019-2023</b>
Course Name:	<b>ELECTRICAL MACHINES-I</b>	Course Code:	<b>AEEB11</b>
Semester:	<b>III</b>	Target Value:	<b>60% (1.8)</b>

**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.	3.00	2.20	2.8	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.	3.00	2.20	2.8	Attained
CO3	Identify various control strategies for calculating the performance parameters and voltage regulation of electrical machines .	3.00	2.20	2.8	Attained
CO4	Illustrate the equivalent circuits and connections of three phase transformers and auto transformers for power system analysis	2.30	2.20	2.3	Attained
CO5	Describe the load sharing capabilities and reliability of electrical machines using parallel operation under various loading conditions.	0.90	2.20	1.2	Not Attained

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

CO5: Extra classes should be taken and assignment given

  
 Course Coordinator

  
 Mentor

  
 Head of the Department