



# 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. P SHIVA KUMAR</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2018-2022</b>
Course Name:	<b>Electric Drives and Static Control</b>	Course Code:	<b>AEEB23</b>
Semester:	<b>VI</b>	Target Value:	<b>60% (1.8)</b>

### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Illustrate the speed control of DC motors with single phase and three phase-controlled rectifiers for verification of speed torque characteristics	2.70	2.10	2.6	Attained
CO2	Explain the four-quadrant chopper fed dc motor drives for verification of speed torque characteristics	2.30	2.10	2.3	Attained
CO3	Describe the working of stator voltage control of induction motor for speed control of the drive.	0.90	2.10	1.1	Not Attained
CO4	Identify the variable frequency control methods for induction motor drive applications	2.00	2.10	2	Attained
CO5	Summarize the slip power recovery schemes, direct and indirect vector control methods for speed control of induction motors.	1.00	2.10	1.2	Not Attained
CO6	Demonstrate the working of voltage source and current source inverter fed synchronous motor drive for speed control applications.	0.70	2.10	1	Not Attained

### Action taken report:

CO3:

Delivering more lecture on real-time application of power electronics

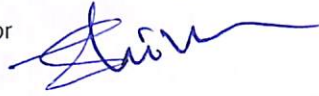
CO5:

Conducting Guest lectures on  
direct and indirect vector control methods for speed control of induction motors


CO6:

Giving assignments and conducting tutorials collaboratively on SCRS.

Course Coordinator



Mentor



Head of the Department



Head of the Department  
Electrical and Electronics Engineering  
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