


INSTITUTE OF AERONAUTICAL ENGINEERING
 (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	Mr. S SRIKANTH	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Electric Drives and Static Control	Course Code:	AEEB23
Semester:	VI	Target Value:	60% (1.8)

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	0.90	2.30	1.2	Not Attained
CO2	Explain the four-quadrant chopper fed dc motor drives for verification of speed torque characteristics	0.90	2.30	1.2	Not Attained
CO3	Describe the working of stator voltage control of induction motor for speed control of the drive.	0.90	2.30	1.2	Not Attained
CO4	Identify the variable frequency control methods for induction motor drive applications	0.90	2.30	1.2	Not Attained
CO5	Summarize the slip power recovery schemes, direct and indirect vector control methods for speed control of induction motors.	0.90	2.20	1.2	Not Attained
CO6	Demonstrate the working of voltage source and current source inverter fed synchronous motor drive for speed control applications.	0.90	2.30	1.2	Not Attained

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

CO1: Delivering more lectures on speed control of DC motor using controlled rectifiers

CO2: conducting guest lectures on four quadrant operations of dc drives

CO3: Giving assignments on voltage control of induction motor drives

CO4: Conducting tutorial classes on variable frequency control methods

CO5: Conducting guest lecture on vector control of induction motor

CO6: Conducting more lectures on Synchronous motor drives

Course Coordinator

Mentor

Head of the Department