COURSE TITLE	**TE142425: Control of Electric Drives** Credits: 2 ELECTIVE COURSE
LEARNING OBJECTIVES	Students are able to explain the basic principle of motor driver and able to design the controller for motor drive.
COMPETENCY	• The students have the ability to explain the basic principle of motor drives . • The students have the ability to design the controller for motor drives.
SUBJECTS	• DC Motor Dynamic • DC Motor Control • Induction Motor Dynamics • Induction Motor Control • Synchronous Motor Control
MAIN REFERENCES	• DUBEY, Gopal K: Power Semiconductor Controlled Drives, Prentice Hall, Inc., 1989 • Subrahmanyam, Vedam : Electric Drives Concepts & Applications, McGraw-Hill, 1996.
OPTIONAL REFERENCES	-
PREREQUISITE	• Linear System Theory