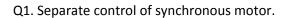
ELECTRIC DRIVE

EE-7002

ASSIGNMENT 1

Q1.What do you understand by thyristor control derives?
Q2Speed -Torque Expression Of controlled derives ?
Q3.Fully controlled converters connected to Dc separately excited?
Q.4 Single phase semi-controlled converters?
Q5. Speed control of thyristor drives.
ASSIGNMENT 2
Q1. Define four quadrant operation of Dc drives ?
Q2 Define Electric Braking ?
Q3.What is motoring operation of Dc derive ?
Q4.Two-quadrant & four Quadrant chopper fed Dc separately Excited ?
Q5. Describe closed loop operation.
ASSIGNMENT 3
Q1 Explain control of Induction motor by Ac voltage controller?
Q2Define CSI operation ?
Q3. ,Variable frequency control of induction motor by voltage source ?
Q4Define current Source inverters and cycloconverters ?
Q5. Describe closed loop operation of induction motor.
ASSIGNMENT 4
Q1. Describe slip power recovery of induction motor.
Q2. Describe static Kramer drive.
Q3. Describe Scherbius drive.
Q4. Speed torque characteristic of induction motor.
Q5. Applications of induction motor control.

ASSIGNMENT 5



- Q2. Speed torque characteristics of synchronous motor.
- Q3. Closed loop operation of synch. Motor.
- Q4. Describe VSI.
- Q5. Describe CSI.