

**ASSIGNMENT: 2 QUESTION ON INDUCTION MOTOR DESIGN**

1. Explain the factors affecting the selection of Air gap of three phase Induction Motor.
2. Explain the effect of skewing the rotor slots in a squirrel cage induction motor.
3. What is dispersion coefficient? Show its effect on maximum power factor and overload capacity of three phases Induction Motor.
4. Explain methods of Improving starting torque of Induction Motor.
5. Explain the effect of Harmonic Induction Torque and Harmonic synchronous Torque on the performance of three phases Induction Motor.