

Electrical Machines IV - Code: CECE437

- Q<sub>1</sub>: state Advantages of 3- $\phi$  I.M?
- Q<sub>2</sub>: state disadvantages of 3- $\phi$  I.M?
- Q<sub>3</sub>: What are The two main parts of 3- $\phi$  I.M Construction?
- Q<sub>4</sub>: Explain briefly The stator of 3- $\phi$  I.M?
- Q<sub>5</sub>: What are The two main types of Rotor for 3- $\phi$  I.M?
- Q<sub>6</sub>: Explain briefly The squirrel Cage Rotor type of 3- $\phi$  I.M?
- Q<sub>7</sub>: Explain briefly The wound Rotor type of 3- $\phi$  I.M?
- Q<sub>8</sub>: Why The starting Torque is Low in squirrel Cage I.M?
- Q<sub>9</sub>: Why The starting Torque is Large in wound Rotor I.M?
- Q<sub>10</sub>: What is The Value of The Magnitude of Rotating field in 3- $\phi$  I.M?
- Q<sub>11</sub>: Describe briefly; How The rotating Magnetic field is produced in 3- $\phi$  I.M?