



*Techno-Social Excellence*  
Marathwada Mitra Mandal's  
**INSTITUTE OF TECHNOLOGY (MMIT)**  
Lohgaon, Pune-411047.

## **Department of Mechatronics Engineering**

**Course Name: Electrical Machines and Drive**

**Class: SE Mechatronics Engineering**

**Course Code: 217549 (2019 Course)**

### **Course Objectives:**

1. To teach basic of electrical machines and its characteristic.
2. To teach different electrical drives.

### **Course Outcomes:**

On completion of the course, learner will be able to

1. Evaluate the steady state behavior and basic operating characteristics of A.C Machine
2. Demonstrate analytical skills to assess machine performance in steady state
3. Understand the basics of electric drives and fundamentals of drive dynamics
4. Analyze DC drive, Induction and Synchronous Motors Drives.