



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

Department of Mechatronics Engineering

Course Name: Electric Vehicles

Class: BE Mechatronics Engineering

Course Code: 417551 C (2019 Course)

Course Outcomes:

On completion of the course, the students will be able to

1. UNDERSTAND the basics related to e-vehicle
2. CLASSIFY the different hybrid vehicles
3. IDENTIFY and EVALUATE the Prime Movers, Energy Storage and Controllers
4. DISCOVER and CATAGORIZE the Electric Vehicle Configuration with respect to Propulsion, Power distribution and Drive-Train Topologies
5. DEVELOP body frame with appropriate suspension system and TESTING of for eVehicles
6. CLASSIFY and EVALUATE Battery Charging techniques and management