



**Tulsiramji Gaikwad-Patil College of Engineering and Technology**

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur)



---

## Department of Electrical Engineering

---

### M. Tech. Electric Vehicle Technology

### Course Name: **MEV1107: Plug-In Electric Vehicles**

MEV1107	Course Outcomes
CO1	<b>Understand</b> the architecture and vehicle dynamics of electric and hybrid vehicles
CO2	<b>Analyze</b> and model the power management systems for electric and hybrid vehicles
CO3	<b>Devise</b> power electronics based control strategies for electric and hybrid vehicle
CO4	<b>Analyze</b> and design various components of electric and hybrid vehicles with environment concern
CO5	<b>Investigate</b> and model the issues in mathematical domain related to grid interconnections of electric and hybrid vehicle.