



**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)



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## Department of Electrical Engineering

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### M. Tech. Electric Vehicle Technology

**Course Name: MEV1102: Electrical Drives for EV**

MEV1102	Course Outcomes
CO1	<b>Interpret</b> the significance of speed- torque characteristics of electrical drives and methods to modify the characteristics.
CO2	<b>Evaluate</b> the performance of AC Voltage Controller fed induction motor drive
CO3	<b>Implement</b> VSI fed v/f controlled AC motor drive
CO4	<b>Analyze</b> the concept of Field Oriented Control of an induction motor.
CO5	<b>Determine</b> the speed control methods of synchronous motor based on application