



**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: MEV1103: Electric Vehicle Structural Design**

MEV1103	Course Outcomes
CO1	<b>Analyze</b> the modeling, drafting and dimensioning of machine elements by using computer Software.
CO2	<b>Apply</b> Basics of CAD to Generate several alternate design options very easily.
CO3	<b>Examine</b> the requirements of hardware & software for computer aided design process.
CO4	<b>Interpret</b> Mechanical Design Analysis and Optimization
CO5	<b>Solve</b> FEM Technique to analyze the Spring, truss and beam element.