



**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 Integrated Power System**

**Course Name MIP1202: Advanced Power System Protection**

<b>MIP1202</b>	<b>Course Outcomes</b>
CO1	<b>Predict</b> basic philosophy of power system protection.
CO2	<b>Evaluate</b> various parameters of short & long transmission line
CO3	<b>Apply</b> protective relaying for transformers, machines, bus bars and transmission lines.
CO4	<b>Demonstrate</b> the principle, construction and application of numerical relays
CO5	<b>Articulate</b> the algorithms used for fault analysis.