



**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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### B.Tech. Electrical Engineering

**Course Name: BEE4702: Switchgear & Protection Lab**

BEE4702	Course Outcomes
CO1	<b>Determine</b> time-current characteristics of thermal overload relay, overcurrent relay & earth fault Relay
CO2	<b>Demonstrate</b> the characteristics of MCB, HRC fuse & IDMT overcurrent relay
CO3	<b>Determine</b> characteristics of transmission line for ABCD parameter of PIE & T network.
CO4	<b>Demonstrate</b> the working performance of reverse power relay & Buchholz relay
CO5	<b>Analyze</b> performance of transmission line for various faults using MATLAB.