



**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: BEE4703: Internet of Things Lab**

BEE4703	Course Outcomes
CO1	<b>Understand</b> the principles of digital input and output interfacing with Arduino microcontrollers.
CO2	<b>Demonstrate</b> proficiency in wiring and programming a push button to control the state of an LED
CO3	<b>Analyze</b> and troubleshoot common issues that arise when interfacing push buttons with LEDs
CO4	<b>Apply</b> knowledge of conditional statements and logical operations in Arduino programming to create responsive LED control systems.
CO5	<b>Develop</b> critical thinking skills by designing and implementing complex LED control scenarios.