



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)



Department of Electrical Engineering

B.Tech Electrical Engineering

Course Name **BEE2404: Microprocessor & Microcontroller**

| BEE2404 | Course Outcomes |
|---------|---|
| CO1 | Demonstrate INTEL Microprocessor 8085, function of Timing and Control Unit and real time based application |
| CO2 | Develop Assembly language programming of 8085 with the help of 5 types of Instruction Set & function of Interrupt used in 8085. |
| CO3 | Demonstrate INTEL Microprocessor 8086 Architecture, Features & Applications also design the Interfacing of 8255 with 8085 Microprocessor |
| CO4 | Describe Microcontroller 8051, it's Features, real time Applications, Addressing mode & Types of Ports |
| CO5 | Develop Assembly language program for 8051 Microcontroller, Timing and Control Panel of 8051, Counter and Timer panel, & it's Industrial use in embedded system application. (ARM-7) |