



**TULSIRAMJIGAIKWAD-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)**



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## **Department of Electronics & Communication Engineering**

B.Tech Electronics & Communication Engineering

Course Name EC2404: Microprocessor & Micro-controller

<b>EC2404</b>	<b>Course Outcome</b>
CO1	<b>Analyze</b> the structure and organization of the instruction set in the 8086 microprocessor.
CO2	<b>Implement</b> the ability to configure the microprocessor's I/O ports and communication protocols for specific peripherals.
CO3	<b>Analyze</b> the execution of 8051 microcontroller programs and identify potential errors or inefficiencies.
CO4	<b>Implement</b> the interfacing 8051 micro-controller with display & stepper motor.
CO5	<b>Analyze</b> the performance and behavior of advanced controllers implemented with Arduino.