



**Tulsiramji Gaikwad-Patil College of Engineering and Technology**  
Wardha Road, Nagpur-441 108  
**NAAC Accredited with A+ Grade**  
**(An Autonomous Institute Affiliated to RTM Nagpur University,  
Nagpur)**

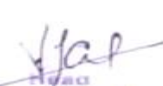


**Program: B.Tech In Mechanical Engineering**

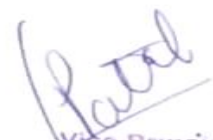
**Fourth Semester Autonomous Course Outcome (Cos)**

**BME2403: Kinematics of Machine**

Course Code	Course Outcomes
<b>BME2403.1</b>	<b>Demonstrate</b> kinematic and dynamic analysis (Displacement, Velocity, acceleration, Inertia forces) of a given mechanism using analytical and graphical method.
<b>BME2403.2</b>	<b>Explain</b> the concept of compliant mechanisms.
<b>BME2403.3</b>	<b>Synthesize</b> new mechanisms for specific requirements and Perform computer aided analysis of simple mechanisms.
<b>BME2403.4</b>	<b>Construct</b> cam profiles and analyze the follower motion.
<b>BME2403.5</b>	<b>Classify</b> the Geometry of gear, its types, and analysis of forces and motions of gear teeth. Study of gear trains and governors.

  
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