



**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**

**Third Semester Autonomous Course Outcome (COs)**

**BME2301 : Applied Mathematics – III**

<b>Course Code</b>	<b>Course Outcomes</b>
<b>BME2301.1</b>	Apply the concept of Laplace Transform for Solving differential equation
<b>BME2301.2</b>	Analyze numerical techniques to find the roots of equations different types of equations.
<b>BME2301.3</b>	Apply the knowledge of Fourier series and Transform for understanding periodic signals and solve integrals equations.
<b>BME2301.4</b>	Solve Partial Differential Equation using appropriate method
<b>BME2301.5</b>	Understand Complex Variable and its application.

  
Head  
Department of Mechanical Engineering  
Tulsiramji Gaikwad Patil College of  
Engineering & Technology, NAGPUR.

  
Dean Academics  
Tulsiramji Gaikwad-Patil  
College Of Engineering  
and Technology, Nagpur

  
Vice Principal  
Tulsiramji Gaikwad-Patil  
College Of Engineering &  
Technology, Nagpur.