



**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)**

**BME2306 : Lab-Material Engineering**

<b>Course Code</b>	<b>Course Outcomes</b>
<b>BME2306.1</b>	<b>Distinguish</b> different type of materials, its physical and chemical properties with crystallographic studies
<b>BME2306.2</b>	<b>Analyze</b> the process of metals solidification with phase diagram
<b>BME2306.3</b>	<b>Compare</b> the different heat treatment process and plane carbon steel alloys
<b>BME2306.4</b>	<b>Categories</b> the different types of cast iron and nonferrous alloys with the applications
<b>BME2306.5</b>	<b>Identify</b> the basic of powder Metallurgy with different Hardness testing method and Advance materials

  
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