



**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)**



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Department of Biotechnology

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## **B. Tech Biotechnology**

### **Course Name BBT3608: PE4: Nano Biotechnology**

<b>BBT3608</b>	<b>Course Outcomes</b>
<b>CO1</b>	Understand nanotechnology basics and key nanomaterials.
<b>CO2</b>	Explore nanobiotechnological devices and biosensors, emphasizing detection techniques.
<b>CO3</b>	Comprehend biopolymer synthesis and applications in various fields.
<b>CO4</b>	Evaluate nanomedicine's role in drug delivery and societal implications of nanotechnology.
<b>CO5</b>	Examine nanotechnology applications in waste reduction, energy efficiency, water treatment, and environmental remediation, including regulatory needs.