



**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)**



Department of Biotechnology

## **B. Tech Biotechnology**

### **Course Name: BBT3508 Rational Drug Discovery**

<b>BBT3508</b>	<b>Course Outcomes</b>
<b>CO1</b>	<b>Apply</b> the concepts of Molecular Modelling in Drug Discovery.
<b>CO2</b>	<b>Acquire</b> the knowledge about Quantum Mechanics and Molecular Mechanics.
<b>CO3</b>	Comprehend the knowledge of the Molecular Dynamics simulation methods
<b>CO4</b>	<b>Demonstrate the</b> Molecular Docking and lead optimization
<b>CO5</b>	<b>Apply</b> the knowledge about the Pharmacophore and QSAR