



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 BBT32304: Biochemistry and Molecular Biology Lab

BBT32304	Course Outcomes
CO1	Describe the classification, structure, and function of carbohydrates, and analyze their chemical reactions and properties
CO2	Explain the classification and structure of amino acids and proteins, and analyze the processes of protein denaturation and renaturation
CO3	Understand the structure and types of DNA and RNA, and explain the functions of nucleic acids, nucleosides, nucleotides, purines, and pyrimidines
CO4	Analyze the processes of DNA replication, transcription, and translation in prokaryotic and eukaryotic cells, and evaluate the genetic code
CO5	Classify and describe the structure, properties, and biological functions of fatty acids and simple lipids, including triacylglycerol, phospholipids, and glycolipids