



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 BBT32303: Microbiology and Cell Biology Lab

BBT32303	Course Outcomes
CO1	Analyze the historical contributions to microbiology and classify different classes of microorganisms.
CO2	Compare the structure and function of prokaryotic and eukaryotic microorganisms, including bacteria, viruses, algae, fungi, and protozoa
CO3	Develop techniques for isolating and culturing microbes, including streaking, pour plate, and spread plate methods
CO4	Explain the principles of cell biology, including cell discovery, classification, and the differences between prokaryotic and eukaryotic cells
CO5	Evaluate the structure and function of various cell organelles and their roles in cellular organization in both simple and complex organisms