Bachelors In Science (Microbiology)
Programme Outcomes

Sr. No	POs
1	A Bachelor of Science (BSc) in Microbiology program aims to equip students with a solid understanding of microorganisms, their functions, applications, and relevance in various fields.
2	Core Knowledge in Microbiology: Graduates will demonstrate a comprehensive understanding of fundamental principles in microbiology, including microbial structure, genetics, physiology, ecology, and evolution.
3	Laboratory Skills: Acquire and demonstrate proficiency in laboratory techniques essential for microbiological research, including culturing, staining, microscopy, and molecular biology methods.
4	Applied Microbiology Competence: Ability to apply theoretical knowledge to real-world scenarios, including the identification, isolation, and characterization of microorganisms, as well as the application of microbiology in biotechnology, healthcare, agriculture, and environmental science.
5	Understanding Disease Processes: Gain insights into microbial pathogenesis, immunity, and the role of microorganisms in causing infectious diseases.
6	Critical Thinking and Analysis: Develop analytical and critical thinking skills necessary for evaluating scientific literature, experimental data, and problem-solving in microbiology.
7	Interdisciplinary Awareness: Understand the intersections between microbiology and other fields such as biochemistry, genetics, biophysics, and immunology to appreciate the interdisciplinary nature of scientific research.

8.	To acquire skill sets to make students industry-ready and independent researchers.

Bachelors In Science (Microbiology)
Programme Specific Outcomes

Sr. No	PSOs
1	Retain the basic concepts of Microbiology with the latest discoveries in Microbiology and other interdisciplinary fields.
2	Learn recent developments in Bacteriology & Clinical Microbiology with a glimpse in interdisciplinary courses such as Biophysics and Biochemistry.
3	Develop their cognitive skills—such as evaluating, analysing, and understanding how all pieces of a 'concept' fit together, thereby giving them a strong foundation in the subject.
4	Prepare students to perform better in competitive exams and gain employability in research-oriented careers.