

M.Sc. Microbiology PSO

- To provide students with a competent understanding of evolutionary theory.
- Equip the students with skills in basic mathematics, statistics and computing in preparation for areas of biology which require quantitative data analysis
- Acquaint the students with a basic understanding of chemical nature of biological macromolecules their 3 dimensional construction and various functions of macromolecules.
- Acquire information of analytical techniques along with their theory, working principle instrumentation and possible application.
- Provide deeper insight to Student about the essential concepts of virology which include the structure of different viruses, properties, replication, types of infection.
- Understand the Structure and Function of the molecules, cells, and organs involved in Immunity
- Appraise the student's basic & high throughput techniques in genomics& proteomics & it's application
- Introduction to biotechnological applications of bacteria such as the cloning of bacterial genes