

B.Sc. Microbiology PSO

- Identify common infectious agents and the diseases they cause. Use various methods to identify infectious agents in the clinical microbiology lab and help the medical professionals in eliminating diseases
- Understand Processes regarding Genes and Recombinant DNA technology.
- Provide a deeper insight into the fundamentals of enzyme structure and function and kinetics of enzymes. Also it deals with current applications and future potential of enzymes.
- To provide students with an appreciation and an understanding of key metabolic biochemistry and molecular biology concepts.
- Familiarize students with the basics of immunology. To develop immunochemical analytical methods for compounds difficult to analyze by conventional methodologies
- Familiarize students to processes of production of industrially important products like vitamins, amino acids, Organic acids, enzymes, milk products, vaccines etc.
- Make students understand the role of microbes in fermentation, spoilage and food borne diseases, principles of food preservation.
- Get awareness of relationships between microbes and crops, improving yields and combating plant diseases.