

Programme Specific Outcomes for B.Sc. Medical Microbiology Programme

PSO1.	Understanding comprehensive knowledge of structure, function and pathological changes of the organs and the basis for understanding the clinical correlation of diseases and the pathological basis for the disease presentation.
PSO2.	Understanding role of medical microbiologist in clinical biochemistry lab .
PSO3.	To gain knowledge of Epidemiology, surveillance and control of community and hospital infections.
PSO4.	To Understand the basic microbial structure and function and study the comparative characteristics of prokaryotes and eukaryotes ..
PSO5.	To Understand the basic fundamentals and application of microbiology in daily life.
PSO6.	Expertise in basic microbiology techniques like pure culture, streaking, spreading, pour plate, Serial dilution, inoculation, maintenance of aseptic conditions etc. Being expert in use of microbiology instruments, such as laminar air flow, pH meter, spectrophotometer , autoclave, etc
PSO7.	Knowledge about diagnostic techniques like, blood group determination, microscopic examination of samples, staining, etc. Understanding of ELISA, PCR, Biosafety levels etc.
PSO8.	To learn the basic principles of medical microbiology and infectious disease. It covers mechanisms of infectious disease transmission, principles of aseptic practice, and the role of the human body's normal microflora.
PSO9.	To develop diagnostic skills, including the use and interpretation of laboratory tests in the diagnosis of infectious diseases.
PSO10.	To analyse the biological data by using bioinformatic tools.