**MASTER OF SCIENCE (MICROBIOLOGY)**

**PROGRAMME OUTCOMES (PO’s)**

**PO1:** Microorganisms survive everywhere life is possible.

**PO2:** The whole world depends on the activities of microorganisms and they influence human society in many ways.

**PO3:** On these aspects modern microbiology has a great impact on different fields such as medicine, agricultural and food sciences, ecology, genetics, biochemistry and molecular biology.

**PO4:** The students graduating in M.Sc Microbiology will be able to acquire, retain and apply specialized concept and knowledge relevant to abundance of microbiological field.

**PO5:** They will also gain knowledge in laboratory safety and in routine and specialized microbiological skills applicable to clinical research, including accurately reporting observations and analysis.

**PO6:** The course will help them to impart the knowledge of the various branches of microbiology - bacteriology, virology, mycology, immunology and parasitology including the nature of pathogenic microorganisms, pathogenesis, laboratory diagnosis, transmission, prevention and control of diseases common in the country.

**PO7:** The course is reasoning and application based, making the b students eligible for higher studies, jobs in various sectors and entrepreneurship abilities.