**MASTER OF SCIENCE (MICROBIOLOGY)**

**PROGRAMME SPECIFIC OUTCOMES (PSO’s)**

**PSO1:** The core course is emphasized on morphology, physiology and function of microorganisms in addition to several subjects including biochemistry, microbial genetics immunology, virology, and recombinant DNA technology.

**PSO2:** On successful completion of graduation, the students will gain insight of microbiology starting from history, basic laboratory techniques and fundamental knowledge about the microorganisms.

**PSO3:** They will acquire the skill in the use and care of basic microbiological equipment; performance of basic laboratory cal procedures in microbiology; proper collection and forwarding of microbiological and parasitological specimens to the laboratory.

**PSO4:** They will be well-informative about the integral role of microorganisms associated with specific disease, vital role of microorganisms in biotechnology, fermentation, medicine, and other industries important to human well being.

**PSO5:** The skill enhancement elective course is designed to provide students with an opportunity to gain hands on experience in state-of-the-art laboratory equipments that could enrich them to perform high throughput research on microorganisms and execute diagnostic procedures required in food, dairy and pharmaceutical industries.