

**Program Outcomes (POs)  
&  
Program Specific Outcomes (PSOs)  
(2021-2022)**



**The Department of Microbiology**

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## **Program Outcomes (POs)**

On Successful completion of program students will be able to enter in the world of Microbiology and will explore the knowledge of different Microorganisms and be aware of roles of microorganisms in routine life. They will be able to perform different microbial techniques and increase their skill. They will be able to get admission in various higher educations.

## **Program Specific Outcomes (PSOs)**

Microbiology is a branch of science that studies “life” taking an example of microorganisms such as bacteria, protozoa, algae, fungi, bacteria, viruses, etc. The relevance and applications of these microorganisms to the surrounding environment including human life and mother-nature becomes part of this branch... These studies integrate cytology, physiology, ecology, genetics and molecular biology, evolution, taxonomy and systematic with a focus on microorganisms; in particular bacteria.

## **Course Outcomes (COs)**

<b>Course</b>	<b>Outcomes</b>
MI-301	The subject will provide complete knowledge about biochemical components and their reactions in the cells, enzyme and their structure, function and metabolism.
MI-302	The program provides knowledge about brief knowledge for eukaryotic cell structure and organization, different pathways and signaling mechanisms of cell.
MI-303 practical	Subject includes detail study about qualitative analysis of macromolecules, enzymatic activity and microscopic observation of plant and animals cells and different phases of cell division.