

**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-601	This programme enables to get sufficient knowledge about immune system, immune cells, and immune responses.
MI-602	The subject will provide brief knowledge about industrially important microorganisms, fermentation designs and processing.
MI-603	The subject will provide complete picture of relationship between human diseases and microbes and their treatment and prevention.
MI-604	The subject will provide knowledge about how microbial processes used in food production, pollution control, at fields, metabolite over production. It also inoculates information about control parameters and economics related to fermentation.
MI-605 practical	The aim of subject is to deliver practical Knowledge about diagnosis of disease. Blood and urine analysis and study of industrially important techniques.
Hematology & blood banking ES	This programme enables to get basic knowledge about blood and its components and blood transfusion reactions.