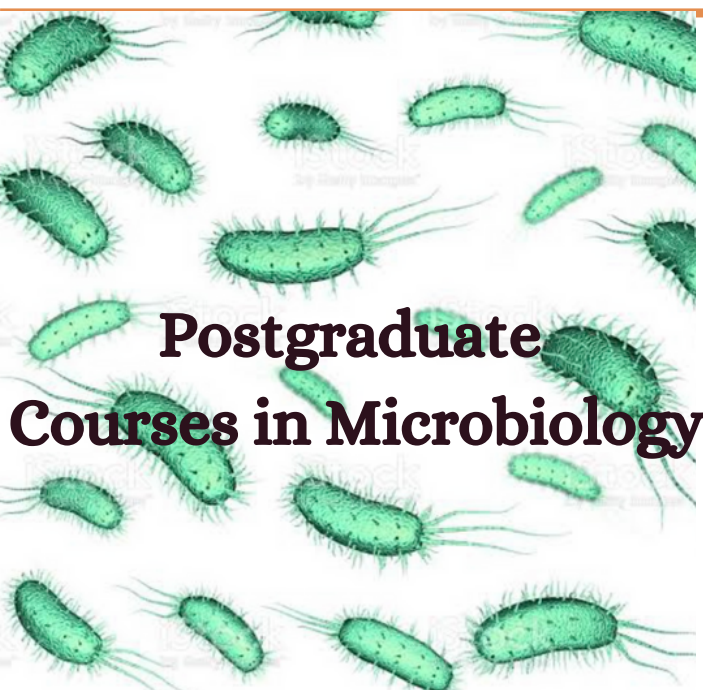


## Vision

*Aspiring for Excellence through World Class Education, Research & Innovation in Contemporary & Prospective Sciences.*

## Mission

*To Facilitate Diverse Spectrum of Science Education Programme through Modern Pedagogical Approaches for Nurturing Quality Research of International Standards.*



## Postgraduate Courses in Microbiology



## Admission Inquiry-2022

Scan following QR code



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**The Campus**

MTB College Campus, Athwalines,  
Surat- 395001, Gujarat, India

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7228018498 I 7228018499 I  
7228018500



SARVAJANIK  
UNIVERSITY

INCLUSIVE | INTEGRATED | INNOVATIVE

## Faculty of Science

**Shree Ramkrishna  
Institute of  
Computer  
Education  
and Applied Sciences**



## M.Sc. Microbiology



### ELIGIBILITY

A candidate must have passed the B.Sc. degree examination from any recognized University or affiliated colleges with biological science as principal subject.

### DURATION

2 years (4 semesters)

### CURRICULUM

The program focuses on areas such as:

- Principles of Microbiology & Microbial Diversity
- Agriculture & Environmental Microbiology
- Advances in molecular biology & Genetic Engineering
- Advances in immunology and molecular pathogenesis
- Microbial Physiology & Metabolism
- Enzyme Technology & Protein Engineering
- Pharmaceutical Microbiology & Drug Development

### SCOPE

- Research Institutions
- Pharmaceutical Industries
- Food and beverage Industries
- Clinical/Analytical laboratories
- Water/sewage treatment plants
- Agro Industries
- Dairy Industries
- Government projects
- Academics
- Entrepreneur
- Research Development Analyst
- Quality control Executive
- Microbiological auditor



## M. Sc. Industrial Microbiology



### ELIGIBILITY

A candidate must have passed the B.Sc. degree examination from any recognized University or affiliated colleges with biological science as principal subject.

### DURATION

2 years (4 semesters)

### CURRICULUM

The program focuses on areas such as:

- Principles of Industrial Microbiology
- Fermentation Technology
- Advances in molecular biology & Genetic Engineering
- Principles of Biochemical Engineering & Bioseparation
- Instrumentation and analytical techniques
- Microbial products
- Enzyme & Immuno Technology
- cGMP & Quality Assurance

### SCOPE

- Pharmaceutical Industries
- Food and beverage Industries
- Clinical/Analytical laboratories
- Water/sewage treatment plants
- Agro Industries
- Dairy Industries
- Government projects
- Entrepreneur
- Quality control Executive
- Microbiological auditor

## M. Sc. Medical Laboratory Technology



### ELIGIBILITY

A candidate must have passed the B.Sc. degree examination from any recognized University or affiliated colleges with biological science as principal subject.

### DURATION

2 years (4 semesters)

### CURRICULUM

The program focuses on areas such as:

- Principles of Clinical Bacteriology, Virology & Mycology
- Human Anatomy & Physiology
- Haematology & Blood Transfusion
- Clinical Biochemistry
- Histopathology & Parasitology
- Advances in Immunology
- Advances in Diagnostic Microbiology
- Clinical Laboratory Management

### SCOPE

- Health care Administrator
- Natural Resources & Management
- Lab Technician
- Drug Safety Associate
- Medical Technologists
- Clinical Reviewer
- Clinical Data Associate
- Clinical Research Executive
- Government projects
- Research Institutions
- Academics

