

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.



Admission Inquiry-2022

Scan following QR code



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The Campus

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**SARVAJANIK
UNIVERSITY**

INCLUSIVE | INTEGRATED | INNOVATIVE

Faculty of Science

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

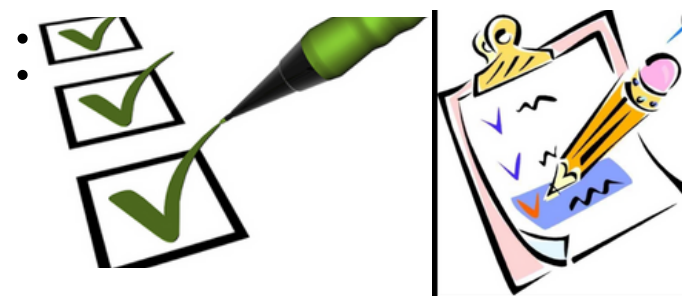


**B. Sc.
Microbiology**



SALIENT FEATURES

- Best Performing Science College in the region since 20 years
- Curriculum as per UGC Guidelines
- CBCS Integrated Syllabus Design
- B.Sc., M. Sc. & Ph. D. Courses Under the same roof.
- Sophisticated & Well-equipped Laboratories.
- Well-qualified & Experienced Faculties
- Industrial Liaison for Training & Placement
- Scholarships & Freeships available.
- On Campus Hostel Facility available.



ELIGIBILITY

A candidate must have passed 10+2 or an equivalent examination in a science stream with Biology as one of the subjects.

COURSE DESCRIPTION

- B.Sc. in Microbiology is an undergraduate three years program that focuses on serving interdisciplinary knowledge engrossed with other Biological, chemical, Physical and Technological Sciences.
- Microbiology is a subject that comprises of microorganisms such as bacteria, viruses, fungi, protozoa, etc.
- B.Sc. in Microbiology is structured to provide education regarding the properties of microorganisms and their impact on the human body.
- The programme also covers the diseases caused by different types of bacteria and viruses.
- Course give inclination to the students to pursue career in research related to microbial activities and products for the betterment of mankind.

CURRICULUM

The program focuses on topics like:

- Introduction to microbiology & Microscopy
- Cell structure & Anatomy
- Nutrition & Growth of microorganisms
- Microbial Diversity
- Microbial Ecology
- Control of microorganisms
- Microbial Taxonomy
- Applied Environmental Microbiology
- Food & Dairy Microbiology
- Microbial Physiology & metabolism
- Microbial Technology
- Health & Epidemiology
- Haematology & Blood banking
- Instrumentation & Techniques
- Recombinant DNA Technology



FUTURE PROSPECTS

Microbiology is an emerging field with constant research developments and advancements taking place. There is a lot of scope for further study and research. Students pursuing B.Sc. in Microbiology are also eligible for overseas education and jobs opportunities. Government sectors also hire microbiology graduates for various posts on the basis of exams.

Some of the most popular career options for B.Sc. Microbiology includes:

- Pharmaceutical Industries
- Food and beverage Industries
- Clinical/Analytical laboratories
- Blood Banks
- Water/sewage treatment plants
- Agro Industries
- Dairy Industries
- Research Institutions
- Government projects
- Academics