

Microbiology Department (BSC)

Course Heading

The Bachelor of Science in Microbiology provides a thorough introduction to microorganisms and their roles in different environments. Students learn the fundamentals of microbiology and gain practical experience through laboratory work. The program offers hands-on research opportunities and internships, preparing students for careers in research, industry, or further studies. The curriculum ensures graduates are well-rounded and ready for professional challenges in microbiology.

Key Information

Duration: 3 years

Course Type: Bachelor's Degree

Campus: Jai Hind College, Churchgate

Mode of Study: Full-time

Programme Objectives

- Graduates will identify and study microorganisms and their environmental interactions.
- Graduates will apply microbiological methods to address real-world challenges.
- Graduates will conduct and present independent research.
- Graduates will exhibit strong communication and teamwork skills.

Pedagogy

The Department of Microbiology employs a blend of ICT-based tools and traditional teaching methods to enhance learning. Techniques include Google Classrooms for interactive sessions, independent research projects to foster critical thinking, and innovative approaches like flipped classrooms and problem-based learning. This dynamic pedagogy ensures students receive a comprehensive and engaging education in microbiology

Curriculum

Graduate Attributes

Graduates of the Microbiology program will be equipped with:

- Expertise in microbiology techniques.
- Strong research skills.
- Knowledge of microbial effects on health.
- Application in various industries.
- Proficiency with modern tools.
- Critical thinking.
- Effective communication.
- Commitment to ethics and learning