

B.Sc. Biotechnology

I. 1yr. Paper

- Microbiology
- Cell Biology
- Molecular Biology
- Development Biology
- Immunology
- Instrumentation and Computer Courses
- Energy Sources and Utilization
- Biochemistry-I
- Thermodynamics of Biological System

II. 2yr. Paper

- Microbiology
- Food and Dairy Technology
- Biochemistry-II
- Agriculture and forest Biotechnology
- Environment Biotechnology
- Plant Secondary Metabolites
- Production of Recombinant Molecules
- Industrial Biotechnology(Industrial Visit)

III. 3yr. Paper

- Genome Analysis
- Plant Biotechnology
- Animal Biotechnology
- Fundamentals of Bio-informatics & Nanotechnology
- Plant tissue Culture & Biotechnology
- Professional Communication Skills
- Industrial Relation Entrepreneurship

Career Options : Biotechnology has created unprecedented opportunities, not only for the manipulation of biological system for the benefit of mankind, but also to understand the fundamental life processes. At present there is shortage of trained people in biotechnology. A biotechnologist can work in :-

- Research and Development Labs
- MNC Pharma Companies
- Agricultural Research Institute
- Dairy Technology
- Food Technology
- Medical and Diagnostic Labs

- Academics and Research Areas
- Marine Biotechnology
- Bio-Processing

Eligibility : 10+2 (Bio) Min Percentage : 50% SC/ST/-5% relaxation