

Programme Outcomes for Undergraduate Program in Biotechnology

- A. Understanding of the molecules of life and demonstrate interdisciplinary skills acquired in biomolecules, microbiology, cell biology, immunology, molecular biology.
- B. Demonstrate the different lab skills acquired in biomolecules, cell biology, immunology, microbiology with emphasis on applied part.
- C. Competent and apply the knowledge and skill gained in the subjects of biotechniques, recombinant DNA technology, Animal and Plant Biotechnology, Bioprocess and Food technology in research, dairy, agriculture, food and other biotechnology product development industries.
- D. Critically analyze environmental problems and apply the knowledge gained for their solutions and conserving environment.
- E. Apply the knowledge and skills gained from biochemistry, immunology, microbiology, genetics, drug design, bioinformatics to solve the different problems of mankind and help to combat diseases and better drug design for sustainable life.
- F. Examine and interpret data and use the different tools of biostatistics, bioinformatics and omics technologies for better health and sustainable development.
- G. Demonstrate communication and presentation skills, scientific writing, data collection and interpretation in the different fields of biotechnology.
- H. Learn professional skill and ethics in handling microbes, recombinant DNA technology products their management and ethics of research and communication.
- I. Use of biotechnology concepts and expertise, innovative thinking to address present and future challenges especially of health, food and environment.