

Department of Biotechnology

Department of Biotechnology was established in the year 2007. We have well equipped lab with all experimental kits for isolation of DNA (plant & microorganisms). Biotechnology means any technological application that uses biological systems or living organisms to make or modify products or processes for specific use. It refers to the use of microorganisms such as bacteria, yeasts, or biological substances such as enzymes, to perform specific industrial or manufacturing processes. Applications include production of certain drugs, synthetic hormones, and bulk foodstuffs as well as bioconversion of organic waste. Bio- Technology is concerned with variety of subjects including Biochemistry, Genetics, Microbiology, Chemistry and Engineering. Biotechnology has wide areas of application in Agriculture, Animal Husbandry, development of Medicines and Vaccine, treatment of prolonged disease, pollution control and waste management and ecological conservation, energy production and conservation and many more. At present, there are more than 250 biotechnology health care products and vaccines available to patients, many for previously untreatable diseases. Millions of farmers around the world use agricultural biotechnology to increase yields, prevent damage from insects and pests and reduce farming impact on the environment.

Objectives:

- The main objective of the Biotechnology programme is to promote education and research in Biotechnology
- To provide academic and professional excellence for immediate productivity in industrial, governmental or clinical setting for an ultimate benefit of society and environment
- To promote a supportive learning environment for life through implementing continuous learning programme
- To make the students well know ledged persons.
- To create interest in research field.
- To encourage the Students in the area of their interest, attitude and Skills.

- To provide awareness about the recent developments in the Biotechnology
- To keep the progress report.
- Work as computational biologist and analysts to help engineering, medical and scientists solve scientific problems
- Act as administrators in public, private and government organizations or business administrators or entrepreneurs with further training and education.
- Pursue master's and doctoral research degrees to work in colleges, universities as professors or as scientists in research establishments.

Facilities:

1. Well equipped laboratories
2. Bio museum
3. Tissue Culture lab
4. Wi-Fi facility
5. Question Bank
6. Projector
7. Visual Charts and slides
8. Well Experienced Teaching Faculty
9. Computer with internet facility
10. Departmental Library