

Programme Outcome (P. O.)

The B.Sc. (H) Biotechnology programme of Bundelkhand University aims to train the students in various theoretical and practical principles for the study and research in the field of Biology, Agriculture, Pharmaceutical, Industrial and Clinical research. The students in this program acquire deep knowledge and critical thinking skills for conducting advanced research and understand the necessary knowledge and concepts of biotechnology and its applications in related areas. Understand the ability to apply biotechnological knowledge in practical or experiment design, which students can conduct independently, employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of experiment. To solve the problems of related subject and think methodically, independently and draw a logical conclusion. Create an awareness of the impact of biotechnology on the environment, society, and development outside the scientific community. Comprehend about the introduction and history of biotechnology.

Programme Specific Outcomes (PSOs)

PSO1: Students will be able to demonstrate their knowledge of Cell Biology, Microbiology, Biostatistics and Biotechniques to solve various problems in Biotechnology. The cell biology and basic structural and functional study of prokaryotic and eukaryotic cells. Acquire knowledge in domain of biotechnology enabling their applications in industry and research.

PSO2: Students will be able to gain deep knowledge in cell biology

PSO3: Students will be able to gain fundamental knowledge in techniques commonly used in Biotechnology laboratories and their uses.

PSO4: Students will be able to learn the fundamentals of Biostatistics and different test applied in biological research.

PSO5: Students will be able to gain understanding of microbes and microbiology in the field of biotechnology.

PSO6: Acquire knowledge of biotechnology through theory and practical

PSO7: Understand good laboratory practices and safety and Develop research-oriented skill

[Handwritten signatures and dates]
24/06/2022
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