

## Department of Biotechnology

<b>B.Sc. Bioechnology</b>		
<b>PO</b>		<b>PSO</b>
1 To introduce the concepts in various allied subjects		The interdisciplinary nature of biotechnology helps student to understand living systems including animal, plant, microbes and their studies from molecular biology to cell biology, from biochemistry to biophysics, from genetic engineering to stem cell research, from bioinformatics to genomics-proteomics, from environmental biology to biodiversity, from microbiology to bioprocess engineering, from bioremediation to material transformation and so on.
2 To enrich students' knowledge		Application of these studies on living organisms and their bioprocesses are learnt by students. Economic and social renaissance is staged on biotechnology especially, since it's biomedical and cutting edge technological applications are tremendously powerful in shaping student with exciting future.
3 To help the students to build interdisciplinary approach		Biotechnologists are always in demand as an efficient work force in fundamental research and industries.
4 To inculcate sense of		
5 To help students build-		
6 The coursework is designed to train the students to work independently and also to adapt themselves to work efficiently in intra, inter and multidisciplinary teams as per the standard guidelines		

7	The students will be able to develop skills, attitude and values required for self-directed, lifelong commitment to learning and professional development		
8	The student will be able to adopt code of ethics in professional and social context. Also able to demonstrate exemplary professional, ethical and legal behaviors in decision making.		
9	the student will able to comprehend the complex interconnections between the biotechnology, medicine, economy and legal aspects of biotechnology to transform our society and culture as a whole.		
10	The students can find employment opportunities in pharma industries, healthcare, food industry, dairies, academia and research both in private and public sectors as well as an entrepreneur		
11	The student will utilize critical inquiry to analyze, design and conduct experiments to solve problems in various courses of biotechnology by the use of classical as well as modern approach		

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<p>The student will be able to execute their professional roles as biotechnology professionals, employers and employees in various industries, regulators, researchers, educators, managers and an entrepreneur for the upliftment of the society.</p>		