



"बेटी बचाओ, बेटी पढ़ाओ"

JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR
Faculty of Education & Methodology

Teacher Name & Designation : **JV'n Moin Khan**, Assistant Professor
Department Name : **DEPARTMENT OF FOOD & BIOTECHNOLOGY**
Program Name : **B.Sc. BT & B.TECH. FBT**
Semester : **3rd SEM**
Course/Subject Name : **MOLECULAR BIOLOGY**

Sr.No.	Course Outcome
1	Genomic Medicine: Applying molecular techniques to diagnose and treat genetic diseases.
2	Biotechnology: Developing genetically modified organisms, vaccines, and biopharmaceuticals.
3	Cancer Research: Investigating the molecular basis of cancer and developing targeted therapies.
4	Genetic Engineering: Manipulating genes for various applications, including agriculture and medicine.
5	Virology: Studying viruses and developing antiviral therapies.
6	Structural Biology: Analyzing the 3D structures of biomolecules to understand their functions.
7	Personalized Medicine: Tailoring medical treatments to an individual's genetic profile.
8	Environmental Science: Studying microbial communities and their impact on ecosystems.
9	Biological Research Tools: Developing advanced tools and techniques for molecular studies.
10	Synthetic Biology: Designing and constructing novel biological systems for specific purposes.