



"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 : **M.Sc. BIOTECH.**
Semester : **3rd SEM**
Course/Subject Name : **ANIMAL BIOTECHNOLOGY**

Sr.No.	Course Outcome
1	Genetic Engineering: Manipulating animal genetics for improved traits, disease resistance, and production efficiency.
2	Biopharmaceuticals: Developing biologics and vaccines using animal cell cultures.
3	Transgenic Animals: Creating genetically modified animals for medical research and bio production.
4	Stem Cell Research: Using animal stem cells for regenerative medicine and disease modeling.
5	Reproductive Technologies: Advancing assisted reproduction techniques for livestock and endangered species.
6	Disease Diagnosis: Developing diagnostic tools for animal diseases.
7	Animal Cloning: Cloning valuable animals for agriculture and research purposes.
8	Environmental Conservation: Using biotechnology to conserve endangered species and ecosystems.
9	Aquaculture: Improving the breeding and health of aquatic organisms for sustainable seafood production.
10	Bioethics and Regulation: Addressing ethical concerns and regulatory frameworks in animal biotechnology.