Program outcomes for M.Sc. Biotechnology

PO1 Gain and apply fundamental practical and theoretical knowledge of all the disciplines in life sciences with emphasis on Biotechnology.

PO2 Earn a Master's Degree with specialization in Biotechnology.

PO3 Post graduates will be able to understand the need and impact of Biotechnological solutions on environment and societal context keeping in view need for sustainable solution.

PO4 Post graduates will be able to demonstrate scientific methodology and industrial management when dealing with pharmaceutical industries in Biotechnology.

PO5 To give an insight in developing skills and knowledge in changing Biotechnological environment globally.

Subject Offered	Course Outcome paper wise for M.Sc. -I Biotechnology Sem II
DSC21MBT21 Molecular Biology	At the end of this course students will be able to: CO 1. Understand the concept of nucleic acid discovery. CO2. Demonstrate the technique of Replication and its importance. CO 3. Perceive Knowledge about gene expression. CO 4. Illustrate the importance of repair in Molecular Biology.
DSC21MBT22 Enzyme Technology	At the end of this course students will be able to: CO1. To educate students about the fundamental concepts of Enzymes. CO2. To study different types of enzymes. CO 3. To enable the students to outline enzyme kinetics. CO 4. To gather knowledge of separation and purification of enzyme.
DSE21MBT21 Virology	At the end of this course students will be able to: CO 1. To study host pathogen relation. CO2. To understand the life cycle of Viruses. CO 3. To know the importance of different Virus assay. CO 4. To know different type of bacteriophages.
DSE21MBT22 Immunology	At the end of this course students will be able to: CO1. To know the mechanisms immune response. CO2. To Outline the physical and biological basis for antibody and antigen reaction. CO 3. To understand antibody diversity. CO 4. To study Immune tolerance.
DSC21MBT39 Biotechnology Lab-II	At the end of this course students will be able to: CO1. To learn the Nucleic acid isolation techniques. CO2. To outline the industrial fermentation process and Bioassay related to it. CO3. To Know the concept of enzyme kinetics. CO 4. To understand the importance of enzymes.

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M. SC. CO-ORDINATOR
DEPARTMENT OF BIOTECHNOLOGY
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(EMPOWERED AUTONOMOUS)