

DEPARTMENT OF BIOTECHNOLOGY

B. Sc. – II	
Course Name	Course Outcome (CO)
	Upon successful completion of the course, students will be able to:
Biophysics and Enzyme Technology	CO1. To know the scope and importance of the enzyme technology.
	CO2. To understand enzyme definition, classification, nomenclature.
	CO3. To explain the derivation of Km and its significant.
	CO4. To understand principal application of spectroscopy.
Molecular biology	CO1. Explain differentiate between transcription and translation
	CO2 To understand modes of gene transfer in bacteria.
	CO3. To know DNA replication in prokaryotes and eukaryotes.
	CO4. To summaries concept of central dogma and genetic code.
	CO5. Understand ability to evaluate the impact of structure or part modifications on biological system.
Immunology	CO1. Explain types of immunity and defense mechanism.
	CO2. To understand organs of human system.
	CO3. Know definitions and structure of antibody.
	CO4. Evaluate antibody antigen reactions.
r-DNA Technology	CO1. To illustrate creative use of modern tools and techniques.
	CO2.. Understand the application of r-DNA technology.
	CO3. Explain the methods of purification of DNA.
	CO4. Explain cloning vectors, probes, PCR and its applications.




Course Co-ordinator
Department of Biotechnology