

<i>Semester</i>	<i>Paper Code</i>	<i>Paper Name</i>	<i>Theory/Practical</i>	<i>Course Outcome</i>
<i>PG Semester I</i>	Micro C11	Biomolecular Structures & Their Interactions	Theory	1. To understand the advanced knowledge about carbohydrate, lipid, amino acids and nucleic acid structures 2. To have advanced knowledge about protein structures and folding.
	Micro C12	Microbial Cell Biology	Theory	1. To understand the advanced knowledge about eukaryotic and prokaryotic cell structures, functions and organizations. 2. To understand the general concepts of bacterial cell division and communication.
			Practical	To have the knowledge about different lab based techniques in cell biology for research and clinical purposes
	Micro C13	Molecular Biology	Theory	1. To have the detailed knowledge of the central dogma of life. 2. To understand the different ideas of modifications during the process.
	Micro C14	Biophysical Methods & Instrumentation	Theory	1. To understand the idea about the use of thermodynamics in biology. 2. To understand the basic principles of different instruments associated with biological research.
			Practical	To understand the general laboratory practices and basic ideas about working principles of different instruments used for research and clinical purposes
	Micro C15	Microbial Metabolism	Theory	To understand the details of different types of microbial metabolism
	Micro S11	Enzymes and Reaction Kinetics	Theory	1. To understand the basic and advance knowledge of enzyme and enzyme kinetics 2. To understand different analytical techniques for enzyme analysis
Practical			To understand basic and advance techniques for enzyme analysis for research and clinical purposes	