

<i>Semester</i>	<i>Paper Code</i>	<i>Paper Name</i>	<i>Theory/Practical</i>	<i>Course Outcome</i>
<i>PG Semester II</i>	Micro C21	Eukaryotic Microbiology	Theory	To understand the advanced knowledge about eukaryotic important microbes
	Micro C22	Recombinant DNA Technology	Theory	1. To understand the advanced principles and methods of rDNA technology. 2. To understand the general concepts of cloning in yeast. 3. To understand the basic genetic engineering of plants.
			Practical	To have a the knowledge about different lab based techniques of rDNA technology for research and clinical purposes
	Micro C23	Diversity of life forms and environmental applications	Theory	1. To have the knowledge of evolution and diversities of environment and life. 2. To understand the threats to species diversity and their conservation. 3. To understand about bioresource and biopatent. 4. To understand the basic concepts of environmental biotechnology, involvement of microorganisms in bioremediation and waste treatment.
			Practical	To study heavy metal resistant bacteria from soil as well as metagenomics of soil bacteria
	Micro C24	Genetics (Prokaryotes & Eukaryotes)	Theory	1. To understand the advanced prokaryotic genetics and DNA recombination. 2. To understand phage genetics. 3. To understand the different methods of eukaryotic heredity. 4. To understand basic concepts of yeast genetics.
	Micro C25	Antibiotics	Theory	To understand the details mechanisms of different classes of antibiotics
	Micro S21	Biostatistics	Theory	To understand the use of statistics to solve the biological problems