

<i>Semester</i>	<i>Paper Code</i>	<i>Paper Name</i>	<i>Theory/Practical</i>	<i>Course Outcome</i>
<i>PG Semester III</i>	Micro C31	Fermentation and Bioprocess Engineering	Theory	<ol style="list-style-type: none"> 1. To understand the bioprocess engineering and fermentation related concepts. 2. To have advanced knowledge about downstream processes for recovery industrial products.
	Micro C32	Proteomics and Genomics	Theory	<ol style="list-style-type: none"> 1. To understand the basic and advanced knowledge about proteomics research related techniques. 2. To understand the basic and advanced knowledge about genomics research related techniques.
			Practical	To have the knowledge about different basic techniques related to genomics and proteomics for research and clinical purposes
	Micro C33	Regulation of Eukaryotic Gene Expression	Theory	<ol style="list-style-type: none"> 1. To have the detailed knowledge of regulating eukaryotic gene expression. 2. To understand the ideas of post transcriptional modifications of mRNAs. 3. To have ideas about different types of RNAs.
	CBCC-A (BCM GE31)	Fundamentals of Biochemistry-I	Theory	To understand the basic concepts of biomolecules and associated chemistry related to research and clinical purposes
	CBCC-B (BOT GE-32)	Biology and application of flowering plants	Theory	To understand the basic concepts of flowering plants and their applications
	Summer Project and Seminar (Summer research training preferably performed in any reputed laboratory)			To understand the cutting edge knowledge about the recent trends in biological research.