

## Department of Microbiology

<b>FYBSc</b>		
<b>Theory (Semester 1 and 2)</b>		
Paper No.	Course Code	Title
I	SBSMCB 101	Fundamentals of Microbiology
II	SBSMCB 102	Basic Techniques in Microbiology
I	SBSMCB 201	Exploring Microbiology
II	SBSMCB 202	Advanced and Applied Microbiology
<b>Practicals (Semester 1 and 2)</b>		
Practical I	SBSMCBP101	Fundamentals of Microbiology
Practical II	SBSMCBP102	Basic Techniques in Microbiology
Practical I	SBSMCBP 201	Exploring Microbiology
Practical II	SBSMCBP 202	Advanced and Applied Microbiology

<b>SYBSc</b>		
<b>Theory (Semester 3 and 4)</b>		
Paper No.	Course Code	Title
I	SBSMCB 101	Microbial diversity, Microbial taxonomy & Instrumentation
II	SBSMCB 102	Environmental Microbiology
III	SBSMCB 103	Introduction to microbial metabolism and Biostatistics
I	SBSMCB 201	Medical microbiology & Immunology
II	SBSMCB 202	Applied microbiology
<b>Practicals (Semester 1 and 2)</b>		
Practical I	SBSMCBP101	Microbial diversity, Microbial taxonomy & Instrumentation
Practical II	SBSMCBP102	Environmental Microbiology
Practical III	SBSMCBP103	Introduction to microbial metabolism and Biostatistics
Practical I	SBSMCBP201	Medical microbiology & Immunology
Practical II	SBSMCBP202	Applied microbiology
Practical III	SBSMCBP203	Basics in genetics and Molecular biology

<b>TYBSc</b>		
<b>Theory (Semester 5 and 6)</b>		
Paper No.	Course Code	Title
I	SBSMCB 101	Microbial Genetics
II	SBSMCB 102	Medical Microbiology and Immunology: Part-I
III	SBSMCB 103	Microbial Biochemistry: Part-I
IV	SBSMCB 104	Bioprocess Technology: Part-I
I	SBSMCB 201	rDNA Technology, Bioinformatics and Virology
II	SBSMCB 202	Medical Microbiology and Immunology: Part-II
III	SBSMCB 203	Microbial Biochemistry: Part-II

IV	SBSMCB 204	Bioprocess Technology: Part II
<b>Practicals (Semester 1 and 2)</b>		
Practical I	SBSMCBP101	Microbial Genetics
Practical II	SBSMCBP102	Medical Microbiology and Immunology: Part-I
Practical III	SBSMCBP103	Microbial Biochemistry: Part-I
Practical IV	SBSMCBP104	Bioprocess Technology: Part-I
Practical I	SBSMCBP201	rDNA Technology, Bioinformatics and Virology
Practical II	SBSMCBP202	Medical Microbiology and Immunology: Part-II
Practical III	SBSMCBP203	Microbial Biochemistry: Part-II
Practical IV	SBSMCBP204	Bioprocess Technology: Part II
<b>TYBSc (Applied Component)</b>		
<b>Theory (Semester 5 and 6)</b>		
Paper No.	Course Code	Title
	SBSAPC503	Food Production And Processing (General Principles)
	SBSAPC603	Food Production and Processing (Applications and Q.A)
<b>Practical (Semester 1 and 2)</b>		
	SBSAPCP503	Food Production And Processing (General Principles)
	SBSAPCP603	Food Production and Processing (Applications and Q.A)

<b>M Sc (I)</b>		
<b>Theory (Semester 1 and 2)</b>		
Paper No.	Course Code	Title
I	SMSMCB 101	Cell Biology and Virology
II	SMSMCB 102	Microbial Genetics
III	SMSMCB 103	Microbial Biochemistry
IV	SMSMCB 104	Medical Microbiology & Immunology
<b>M Sc (II)</b>		
<b>Theory (Semester 3 and 4)</b>		
I	SMSMCB201	Cell Biology and Virology
II	SMSMCB202	Microbial Genetics
III	SMSMCB203	Microbial Biochemistry
IV	SMSMCB 204	Medical Microbiology & Immunology
<b>Practicals (Semester 1 and 2)</b>		
Practical I	SMSMCBP101	Cell Biology and Virology
Practical II	SMSMCBP102	Microbial Genetics
Practical III	SMSMCBP103	Microbial Biochemistry
Practical IV	SMS MCBP104	Medical Microbiology & Immunology
<b>Practicals (Semester 3 and 4)</b>		
Practical I	SMSMCBP201	Cell Biology and Virology
Practical II	SMSMCBP202	Microbial Genetics
Practical III	SMSMCBP203	Microbial Biochemistry
Practical IV	SMSMCBP204	Medical Microbiology & Immunology

