



DETAILED TEACHING SCHEME

SCHOOL OF SCIENCE

PROGRAM: M.Sc. - MICROBIOLOGY

ACADEMIC YEAR – 2023-24

SEMESTER – I (Batch - 2023-25)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester, **3. Tutorial(T):** 2 hours/week/semester

TEACHING SCHEME												
Course Code	Course Name	Teaching Hours per week				SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR								
MB107	Microbial Biochemistry and immunology	4	0	0	3	4	100	Y	N	Assignment	New course	
MB108	General Microbiology and Advance Instrumentation	4	0	0	3	4	100	Y	N	Assignment	New course	
MB112	Molecular biology	4	0	0	2	4	100	Y	N	Assignment		
MB109	Fermentation, Food and Agriculture Microbiology	4	0	0	2	4	100	Y	N	Assignment	New course	
MB110	Microbiology Experiment-1	0	0	8	0	4	---	Y	Y		New course	
	TOTAL	16	0	8	10	20						
	Total Teaching Hours 24											

Signature of HOD

Signature of Director



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SCHOOL OF SCIENCE

PROGRAM: M.Sc. - MICROBIOLOGY

ACADEMIC YEAR – 2023-24

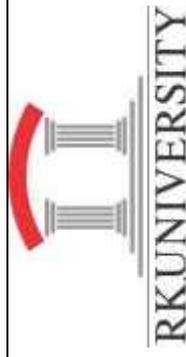
SEMESTER – II (Batch - 2023-25)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester, **3. Tutorial(T):** 2 hours/week/semester.

TEACHING SCHEME												
Course Code	Course Name	Teaching Hours per week				SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR	PR							
MB208	Medical Microbiology and Parasitology	4	0	0	3	4	100	Y	N	Assignment	New course	
MB338	Bioinformatics and Biostatistics	4	0	0	3	4	100	Y	N	Assignment	Revised	
MB216	Microbial genetics and genetic engineering	4	0	0	2	4	100	Y	N	Assignment	Revised	
MB207	Cell and cancer biology	4	0	0	2	4	100	Y	N	Assignment		
MB210	Microbiology Experiment-2	0	0	8	0	4	---	Y	Y		New course	
	TOTAL	16	0	8	10	20						
	Total Teaching Hours 24											

Signature of HOD

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DETAILED TEACHING SCHEME

SCHOOL OF SCIENCE

PROGRAM: M.Sc. - MICROBIOLOGY

ACADEMIC YEAR – 2023-24

SEMESTER – III (Batch - 2022-24)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester, **3. Tutorial(T):** 2 hours/week/semester

TEACHING SCHEME											
Course Code	Course Name	Teaching Hours per week			SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR							
MB315	Medical Microbiology	4	0	3	4	7	100	Y	Y	Assignment	
MB306	Food, Agriculture and Environmental Microbiology	4	0	0	4	4	100	Y	N	Assignment	
MB307	Fermentation and Microbial Technology	4	0	3	4	7	100	Y	Y	Assignment	
MB328	Bioinformatics and Biostatistics	4	0	3	5	7	100	Y	Y	Assignment	
	TOTAL	16	0	9	17	25					
	Total Teaching Hours 25										

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SCHOOL OF SCIENCE

PROGRAM: M.Sc. - MICROBIOLOGY

ACADEMIC YEAR – 2023-24

SEMESTER – Iv (Batch - 2022-24)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester **3. Tutorial(T):** 2 hours/week/semester

TEACHING SCHEME

Course Code	Course Name	Teaching Hours per week				SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR								
	Elective	-	-	-	10	25	100	Y	Y			
	TOTAL	-	-	-	10	25					-	

Departmental Elective – I (Anyone Offered)

Course Code	Course Name	Teaching Hours per week				SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR								
MB413	Project (Dissertation)	-	-	-	10	25	-	Y	Y			
MB404	Internship	-	-	-	10	25	-	Y	Y			

Signature of HOD

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