



Mandsaur University

2023 Scheme
Scheme of Examination
Faculty of Life Sciences
Master of Science (Microbiology)
Semester I

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	MIC450	Microbial Physiology & Metabolism	60	30	10	30	-	20	4	0	4	6	150
2	MIC460	Bacteriology, Virology and Mycology	60	30	10	30	-	20	4	0	4	6	150
3	MIC470	Microbial Techniques	60	30	10	30	-	20	3	0	4	5	150
4	MIC110	Pharmaceutical Microbiology	60	30	10	30	-	20	3	0	4	5	150
5	MIC480	Critical Analysis of Classical Papers	-	-	50	-	-	-	2	0	0	2	50
Total									16	-	16	24	650

Prepared & Submitted By
(Course Coordinator)

Verified By
(Head of Department)

Authenticated By
(Dean Academics)

Forwarded By
(Dean IQAC)

Approved By
(Vice-Chancellor)



Mandsaur University

Scheme 2023
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Semester II

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	MIC120	Microbial Genetics	60	30	10	30	-	20	4	0	4	6	150
2	MIC490	Cell and Molecular Biology	60	30	10	30	-	20	4	0	4	6	150
3	MIC140	Environmental Microbiology	60	30	10	30	-	20	3	0	4	5	150
4	MIC150	Food & Dairy Microbiology	60	30	10	30	-	20	3	0	4	5	150
5	MIC500	Research Methodology and Scientific Communication Skills	30	15	5	-	-	-	2	0	0	2	50
Total									16	0	16	24	650

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Faculty of Life Sciences

Master of Science (Microbiology)

Semester III

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	MIC190	Medical Microbiology	60	30	10	30	-	20	3	-	4	5	150
2	MIC200	Immunology	60	30	10	30	-	20	3	-	4	5	150
3	MIC510	Genetic Engineering	60	30	10	30	-	20	3	-	4	5	150
4	MIC220	Elective I	60	30	10	-	-	-	3	-	-	3	100
5	MIC520	Fermentation Technology	60	30	10	-	-	-	4	-	-	4	100
6	MIC530	Project Proposal Preparation and Presentation	-	-	50	-	-	-	2	-	-	2	50
Total									18	0	12	24	700

Elective I	
MIC222	IPR, Biosafety and Bioethics
MIC223	Genomics and Proteomics
MIC224	Bioentrepreneurship

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Semester IV

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks	
			Theory			Practical			L	T	P			
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End Sem	Mid Sem	Continuous Evaluation						
1	BIT540	Dissertation & Viva Voce	-	-	-	100	-	-	-	-	40	20	100	
Total										-	-	40	20	100

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