



Mandsaur University

2023 Scheme Scheme of Examination Faculty of Life Sciences Master of Science (Biotechnology) 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	BIT070	Biochemistry and Metabolism	60	30	10	30	-	20	4	0	4	6	150
2	BIT410	Advanced Cell and Molecular Biology	60	30	10	30	-	20	4	0	4	6	150
3	BIT090	Microbiology	60	30	10	30	-	20	3	0	4	5	150
4	BIT100	Enzymology and Bioinstrumentation	60	30	10	30	-	20	3	0	4	5	150
5	BIT420	Critical Analysis of Classical Papers	-	-	50	-	-	-	2	0	0	2	50
Total									16	0	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

2023 Scheme
Scheme of Examination
Faculty of Life Sciences
Master of Science (Biotechnology)
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	BIT430	Advanced Genetic Engineering	60	30	10	30	-	20	4	0	4	6	150
2	BIT440	Immunology and Immunotechnology	60	30	10	30	-	20	4	0	4	6	150
3	BIT130	Environmental Biotechnology	60	30	10	30	-	20	3	0	4	5	150
4	BIT140	Bioprocess Engineering	60	30	10	30	-	20	3	0	4	5	150
5	BIT450	Research Methodology and Scientific Communication Skills	30	15	5	-	-	-	2	0	0	2	50
Total									16	0	16	24	650

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			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	BIT350	Applied Biotechnology	60	30	10	30	-	20	3	-	4	5	150
2	BIT460	Plant Biotechnology	60	30	10	30	-	20	3	-	4	5	150
3	BIT470	Animal Biotechnology	60	30	10	30	-	20	3	-	4	5	150
4	BIT380	Elective I	60	30	10	-	-	-	3	-	-	3	100
5	BIT390	Biostatistics and Bioinformatics	60	30	10	-	-	-	4	-	-	4	100
6	BIT480	Project Proposal Preparation and Presentation	-	-	50	-	-	-	2	-	-	2	50
Total									18	0	12	24	700

Elective I	
BIT382	IPR, Biosafety & Bioethics
BIT383	Genomics and Proteomics
BIT384	Bioentrepreneurship

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Mandsaur University

2023 Scheme

Scheme of Examination

Faculty of Life Sciences

Master of Science (Biotechnology)

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	BIT490	Dissertation & Viva Voce	-	-	-	100	-	-	-	-	-	40	20	100
Total										-	-	40	20	100

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