



**SAGE University, Indore**  
**INSTITUTE OF SCIENCES**  
**CHOICE BASED CREDIT SYSTEM**  
 With effective from session 2024 -25

**Program: Master of Science in Microbiology**

**Semester: I**

**Program Code: M Sc (MB)**

**Admission Batch 2024 - 25**

**Subject wise Distribution of Marks and corresponding Credits**

S.N.	Subject Code	Category	Subject Title	Maximum Marks Allotted												Credits	Credits Hours
				Theory(100 Marks)			Practical/Studio (50 Marks)			Total Marks	Hours/week						
				End Sem	Continuous Internal Evaluation Mid Sem Test (MST)	Attendance/ Quiz /Assig./Present ations	End Sem. Exam (ESE)ForPractical and Viva	Continuous Internal Evaluation	L		T	P	SM	N T C C			
1	BLSDCMMB001T	DC	Bacteriology	60	20	20	-	-	-	100	3	0	0	-	0	3	3
2	BLSDCMMB002T	DC	Virology	60	20	20	-	-	-	100	3	0	0	-	0	3	3
3	BLSDCMMB003T	DC	Pharmaceutical Microbiology	60	20	20	-	-	-	100	3	0	0	-	0	3	3
4	BLSDCMMB001P	DC	Bacteriology Lab	-	-	-	30	10	10	50	0	0	2	-	0	1	2
5	BLSDCMMB002P	DC	Virology Lab	-	-	-	30	10	10	50	0	0	2	-	0	1	2
6	BLSDCMMB003P	DC	Pharmaceutical Microbiology Lab	-	-	-	30	10	10	50	0	0	2	-	0	1	2
7	BLSDCMMB010T	DC	Veterinary Microbiology	60	20	20	-	-	-	100	3	0	0	-	0	3	3
8	BLSDCMMB010P	DC	Veterinary Microbiology	-	-	-	30	10	10	50	0	0	2	-	0	1	2
9	XXXDEXXXXXXX	DE	Refer the elective from the list	60	20	20	-	-	-	100	3	0	0	-	0	3	3
10	XXXDEXXXXXXX	DE	Refer the elective from the list	-	-	-	30	10	10	50	0	0	2	-	0	1	2
11	XXXDSXXXXXXX	DS	Refer the elective from the list	-	-	-	30	10	10	50	0	0	4	-	0	2	4
<b>TOTAL</b>				<b>300</b>	<b>100</b>	<b>100</b>	<b>180</b>	<b>60</b>	<b>60</b>	<b>800</b>	<b>15</b>	<b>0</b>	<b>14</b>	<b>4</b>	<b>0</b>	<b>22</b>	<b>29</b>

Legends		
L= Lecture	3 Hr	3 CR
T= Tutorial		
P= Practical	2 Hr	1 CR
S= Studio		
NTCC = Non Teaching Credit Course		
M= MOOC	SWAYAM/NPTEL	Certificate
BM = Blended MOOC	1 Hr	1 CR

List Of DE	
BLSDEMMB001T/P	Microbial Metabolism/ Microbial Metabolism Lab
BLSDEMMB002T/P	Biostatistics & Computer Application/ Biostatistics & Computer Application Lab

NOTE
WPR is for NTCC
Assignment / VIVA for NTCC
Assignment / VIVA / Lab manual for P
MOOCS will get credits by SWAYAM or NPTEL Certificates

List Of DSEEC	
BLSDSMMB001P	Seminar
BLSDSMBT002P	Immunotechnology



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 With effective from sesion 2024 -25

**Program: Master of Science in Microbiology**

**Semester: II**

**Program Code: M Sc (MB)**

**Admission Batch 2024 - 25**

**Subject wise Distribution of Marks and corresponding Credits**

S.N.	Subject Code	Category	Subject Title	Maximum Marks Allotted												Credits	Credits Hours
				Theory(100 Marks)			Practical/Studio (50 Marks)			Total Marks	Hours/week						
				End Sem	Continuous Internal Evaluation Mid Sem Test (MST)	Attendance/ Quiz /Assig./Present ations	End Sem. Exam (ESE)For Practical and Viva	Continuous Internal Evaluation	L		T	P	SM	N T C C			
1	BLSDCMMB004T	DC	Microbial Genetics - I	60	20	20	–	–	–	100	3	0	0	-	0	3	3
2	BLSDCMMB005T	DC	Environmental Microbiology	60	20	20	–	–	–	100	3	0	0	-	0	3	3
3	BLSDCMMB006T	DC	Food and Dairy Microbiology	60	20	20	–	–	–	100	3	0	0	-	0	3	3
4	BLSDCMMB004T	DC	Microbial Genetics - I Lab	–	–	–	30	10	10	50	0	0	2	-	0	1	2
5	BLSDCMMB005T	DC	Environmental Microbiology Lab	–	–	–	30	10	10	50	0	0	2	-	0	1	2
6	BLSDCMMB006T	DC	Food and Dairy Microbiology Lab	–	–	–	30	10	10	50	0	0	2	-	0	1	2
7	BLSDCMBT011T	DC	Bioinformatics	60	20	20	–	–	–	100	3	0	0	-	0	3	3
8	BLSDCMBT011P	DC	Bioinformatics	–	–	–	30	10	10	50	0	0	2	-	0	1	2
9	BLSDPMMB001N	DP	Minor Project	–	–	–	–	20	30	50	0	0	0	-	4	2	-
10	XXXDEXXXXXXX	DE	Refer the elective from the list	60	20	20	–	–	–	100	3	0	0	-	0	3	3
11	XXXDEXXXXXXX	DE	Refer the elective from the list	–	–	–	30	10	10	50	0	0	2	-	0	1	2
12	XXXDSXXXXXXX	DS	Refer the elective from the list	–	–	–	30	10	10	50	0	0	4	-	0	2	4
<b>TOTAL-</b>				<b>300</b>	<b>100</b>	<b>100</b>	<b>180</b>	<b>80</b>	<b>90</b>	<b>850</b>	<b>15</b>	<b>0</b>	<b>14</b>	<b>4</b>	<b>4</b>	<b>24</b>	<b>29</b>

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	<b>Assignment / VIVA for NTCC</b>
	<b>Assignment / VIVA / Lab manual for P</b>
	MOOCS will get credits by SWAYAM or NPTEL Certificates

**List Of DSEEC**

BLSDSMMB002P	Seminar
BLSDSMBT004P	Canning & Food Preservation

**List Of DE**

BLSDEMMB003T/P	Molecular Biology & Recombinant DNA Technology/ Molecular Biology & Recombinant DNA Technology Lab
BLSDEMMB004T/P	Fermentation Technology/ Fermentation Technology Lab

**Note: The internship will held in between semester break after IIInd semester examination and evaluated in IIIrd semester.**