

Programme Structure:

SHIVAJI UNIVERSITY, KOLHAPUR

M.Sc. Microbiology Part – I / Sem. I & II (HM) as per NEP (June-2023)

SEMESTER – I (Duration: 06 Months)											
Year	Level	Course Code	Teaching Scheme			Examination Scheme					
I	6.0		Theory and Practical			University Assessment (UA)			Internal Assessment (IA)		
			Lectures (Per Week)	Hours (Per Week)	Credit	Maximum Marks	Minimum Marks	Exam Hours	Maximum Marks	Minimum Marks	Exam Hours
			MIC 101	04	04	04	80	32	03	20	08
		MIC 102	04	04	04	80	32	03	20	08	0.5
		E-MIC 103A E-MIC 103B E-MIC 103C (Choose Anyone)	OR OR 04	04	04	80	32	03	20	08	0.5
		RM-MIC 106	04	04	04	80	32	03	20	08	0.5
		P-MIC 104	--	08	04	100	40	*	---	---	---
		P-MIC 105	--	04	02	50	20	*	---	---	---
Total A			---	---	22	470	---	---	80	---	---
SEMESTER – II (Duration: 06 Months)											
I	6.0	MIC 201	04	04	04	80	32	03	20	08	0.5
		MIC 202	04	04	04	80	32	03	20	08	0.5
		E-MIC 203	04	04	04	80	32	03	20	08	0.5
		P-MIC 204	--	08	04	100	40	*	---	---	---
		P-MIC 205	--	04	02	50	20	*	---	---	---
		OJT-MIC 206 FP-MIC 206 (Choose Anyone)	OR OR ---	---	04	---	---	---	100	40	**
		Total B			---	---	22	390	--	---	160
A+B Total			---	---	44	860	---	---	240	---	---
Exit Option: PG Diploma in Microbiology (44 Credits) after completion of Level 6.0											

*Practical Examination Hours as per BOS guidelines. (Duration: 1day inspection & 3 days practical) Examiners will be internal/ external as per department

**Continuous monitoring, Evaluation after presentation before examiners.

SHIVAJI UNIVERSITY, KOLHAPUR
M.Sc. Pharmaceutical Microbiology Part – I / Sem. I & II (HM) as per NEP (June-2023)

SEMESTER – I (Duration: 06 Months)												
Year	Level	Course Code	Teaching Scheme			Examination Scheme						
			Theory and Practical			University Assessment (UA)			Internal Assessment (IA)			
			Lectures (Per Week)	Hours (Per Week)	Credit	Maximum Marks	Minimum Marks	Exam Hours	Maximum Marks	Minimum Marks	Exam Hours	
I	6.0	PHM 101	04	04	04	80	32	03	20	08	0.5	
		PHM 102	04	04	04	80	32	03	20	08	0.5	
		E-PHM 103A OR E-PHM 103B OR E-PHM 103C (Choose Anyone)	04	04	04	80	32	03	20	08	0.5	
		RM-PHM 106	04	04	04	80	32	03	20	08	0.5	
		P-PHM 104	--	08	04	100	40	*	---	---	---	
		P-PHM 105	--	04	02	50	20	*	---	---	---	
		Total A		---	---	22	470	---	---	80	---	---
		SEMESTER – II (Duration: 06 Months)										
I	6.0	PHM 201	04	04	04	80	32	03	20	08	0.5	
		PHM 202	04	04	04	80	32	03	20	08	0.5	
		E-PHM 203	04	04	04	80	32	03	20	08	0.5	
		P-PHM 204	--	08	04	100	40	*	---	---	---	
		P-PHM 205	--	04	02	50	20	*	---	---	---	
		OJT-PHM 206 OR FP-PHM 206 (Choose Anyone)	---	---	04	---	---	---	100	40	**	
		Total B		---	---	22	390	--	---	160	---	---
A+B Total		---	---	44	860	---	---	240	---	---		
Exit Option: PG Diploma in Pharmaceutical Microbiology (44 Credits) after completion of Level 6.0												

*Practical Examination Hours as per BOS guidelines. (Duration: 1day inspection & 3 days practical) Examiners will be internal/ external as per department.

**Continuous monitoring. Evaluation after presentation before examiners.

Structure in Accordance with National Education Policy - 2020
With Multiple Entry and Multiple Exit Options
M.Sc. Microbiology (H.M.) Part – II (Level-6.5)

	Course Code	Teaching Scheme			Examination Scheme					
		Theory and Practical			University Assessment (UA)			Internal Assessment (IA)		
		Lectures Hours (Per week)	Practical Hours (Per week)	Credit	Maximum Marks	Minimum Marks	Exam. Hours	Maximum Marks	Minimum Marks	Exam. Hours
Semester-III										
Major Mandatory Theory	MIC 301	4	--	4	80	32	3	20	8	0.5
	MIC 302	4	--	4	80	32	3	20	8	0.5
	MIC 303	4	--	4	80	32	3	20	8	0.5
Major Elective Theory	E-MIC 304	4	--	4	80	32	3	20	8	0.5
Major Mandatory Practical	P-MIC 305	--	4	2	50	20	6	--	--	--
Research Project	RP-MIC 306	--	8	4	100	40	12#	--	--	--
Total				22	470			80		
Semester-IV										
Major Mandatory Theory	MIC 401	4	--	4	80	32	3	20	8	0.5
	MIC 402	4	--	4	80	32	3	20	8	0.5
	MIC 403	4	--	4	80	32	3	20	8	0.5
Major Elective Theory	E-MIC 404	4	--	4	80	32	3	20	8	0.5
Research Project	RP-MIC 405	--	12	6	150	60	18##	--	--	--
Total		--	--	22	470	--	--	80	--	--
Total (Sem III + Sem IV)		--	--	44	940	--	--	160	--	--

Structure in Accordance with National Education Policy - 2020
With Multiple Entry and Multiple Exit Options
M.Sc. Pharmaceutical Microbiology (H.M.) Part – II (Level-6.5)

	Course Code	Teaching Scheme			Examination Scheme					
		Theory and Practical			University Assessment (UA)			Internal Assessment (IA)		
		Lectures Hours (Per week)	Practical Hours (Per week)	Credit	Maximum Marks	Minimum Marks	Exam. Hours	Maximum Marks	Minimum Marks	Exam. Hours
Semester-III										
Major Mandatory Theory	PHM 301	4	--	4	80	32	3	20	8	0.5
	PHM 302	4	--	4	80	32	3	20	8	0.5
	PHM 303	4	--	4	80	32	3	20	8	0.5
Major Elective Theory	E- PHM 304	4	--	4	80	32	3	20	8	0.5
Major Mandatory Practical	P- PHM 305	--	4	2	50	20	6	--	--	--
Research Project	RP- PHM 306	--	8	4	100	40	12#	--	--	--
Total				22	470			80		
Semester-IV										
Major Mandatory Theory	PHM 401	4	--	4	80	32	3	20	8	0.5
	PHM 402	4	--	4	80	32	3	20	8	0.5
	PHM 403	4	--	4	80	32	3	20	8	0.5
Major Elective Theory	E- PHM 404	4	--	4	80	32	3	20	8	0.5
Research Project	RP- PHM 405	--	12	6	150	60	18##	--	--	--
Total				22	470			80		
Total (Sem III + Sem IV)				44	940			160		