



## B.Sc Microbiology

### Course Curriculum for All Semesters

#### Semester IV

Sl. No.	Course Code	Course Title	Contact Hrs. / Week			Credit	Page No.
			L	T	P		
<b>Theory</b>							
1.		Major: Molecular Biology	2	1		3	
2.		Major: Cell Biology	2	1		3	
3.		Major: Microbial Genetics	2	1		3	
4.		Major: Virology	2	1		3	
5.		Minor:	2	1		3	
6.		AEC:	2			2	
7.		Career Advancement and Skill Development : Application of machine learning algorithms for analyzing microbial genomic and proteomic data, prediction of virulence factors, and drug target identification.	2			2	
<b>Practical</b>							
7.		Major: Molecular Biology			1	1	
8.		Major: Cell Biology			1	1	
9.		Major: Microbial Genetics			1	1	
10.		Major: Virology			1	1	
11.		Minor:			1	1	
<b>Total Credit</b>						<b>24</b>	