B.Sc Microbiology with AI
Course Curriculum for All Semesters
Semester VIII (With Research)

Sl. No.	Course Code	Course Title	Contact Hrs. / Week			Credit	Page No.
			L	T	P		
Theory							
1.		Major: Ecology and Biodiversity	2	1		3	
2.		Major: Fungal, algal and protozoal pathogenesis	2	1		3	
3.		Major: Plant Pathology	2	1		3	
4.							
Practical							
4.		Major: Ecology and Biodiversity			1	1	
5.		Major: Fungal, algal and protozoal pathogenesis			1	1	
6.		Major: Plant Pathology			1	1	
7.		Dissertation/ Research work-I			4	4	
8.		Dissertation/ Research work-II			4	4	
9.		Career Advancement and Skill Development : AI Ethics and Regulatory Considerations in Microbiology	2			2	
Total Credit						**22**	

Semester VIII (Without Research)

Sl. No.	Course Code	Course Title	Contact Hrs. / Week			Credit	Page No.
			L	T	P		
Theory							
1.		Major: Ecology and Biodiversity	2	1	0	3	
2.		Major: Fungal, algal and protozoal pathogenesis	2	1	0	3	
3.		Major: Plant Pathology	2	1	0	3	
		Major: Advances in Microbiology	2	1	0	3	
		Major: Genetics and Genomics	2	1	0	3	
Practical							
4.		Major: Ecology and Biodiversity			1	1	
5.		Major: Fungal, algal and protozoal pathogenesis			1	1	
6.		Major: Plant Pathology			1	1	
7.		Major: Advances in Microbiology			1	1	
8.		Major: Genetics and Genomics			1	1	
9.		Career Advancement and Skill Development : AI Ethics and Regulatory Considerations in	2			2	

		Microbiology					
		Total Credit				**22**	