



TECHNO INDIA UNIVERSITY

W E S T B E N G A L

B.Sc Microbiology with AI

Course Curriculum for All Semesters

Semester V

Sl. No.	Course Code	Course Title	Contact Hrs. / Week			Credit	Page No.
			L	T	P		
Theory							
1.		Major: Recombinant DNA Technology	2	1		3	
2.		Major: Food and Dairy Microbiology	2	1		3	
3.		Major: Industrial Microbiology	2	1		3	
4.		Minor:	2	1		3	
5.		Minor:	2	1		3	
6.		Career Advancement and Skill Development : Study of AI-based computational methods for analyzing large-scale microbial datasets, including omics data integration and predictive modeling	2			2	
Practical							
7.		Major: Recombinant DNA Technology			1	1	
8.		Major: Food and Dairy Microbiology			1	1	
9.		Major: Industrial Microbiology			1	1	
10.		Minor:			1	1	
11.		Minor:			1	1	
Total Credit						22	