



**B.Sc Microbiology with AI**  
**Course Curriculum and Syllabus**

**Semester IV**

Sl. No.	CourseCode	CourseTitle	ContactHrs. /Week			Credit	Page No.
			L	T	P		
<b>Theory</b>							
1	TIU-HMB-T202	MicrobialGenetics	03	01	00	04	
2	TIU-HMB-T204	ENVIRONMENTAL MICROBIOLOGY	03	01	00	04	
3	TIU-HMB-T206	RECOMBINANTDNA TECHNOLOGY	03	01	00	04	
4	TIU-SEE-T202/TIU-SEE-T204	FoodFermentationTechniques/ MicrobiologicalAnalysisofAir and Water	01	01	00	02	
5	TIU-UCS-T202	Computer	03	01	00	04	
6		Career Advancement - Skill Development: Application of machine learning algorithms for analyzing microbial genomic	02	00	00	02	
<b>Practical</b>							
1	TIU-HMB-L202	MicrobialGenetics	00	00	02	02	
2	TIU-HMB-L204	ENVIRONMENTAL MICROBIOLOGY	00	00	02	02	
3	TIU-HMB-L206	RECOMBINANTDNA TECHNOLOGY	00	00	02	02	
4	TIU-UCS-L202	Computer	00	00	02	02	
<b>TotalCredit</b>						28	