



B.Sc Microbiology with AI
Course Curriculum and Syllabus
Semester III

Sl. No.	Course Code	Course Title	Contact Hrs. / Week			Credit	Page No.
			L	T	P		
Theory							
1	TIU-HMB-T201	Virology	03	01	00	04	
2	TIU-HMB-T203	Microbial physiology and metabolism	03	01	00	04	
3	TIU-HMB-T205	Molecular Biology	03	01	00	04	
4	TIU-SEE-T201	Biofertilizers and Biopesticides	01	01	00	02	
5	TIU-SEE-T203	Microbial Quality Control in Food and Pharmaceutical Industries	01	01	00	02	
6	TIU-UCS-T201	Computer	03	01	00	04	
7		Career Advancement - Skill Development: Introduction to AI based bioinformatics tools and databases for microbial genomics, proteomics, and comparative genomic analysis	02	00	00	02	
Practical							
1	TIU-HMB-L201	Virology	00	00	02	02	
2	TIU-HMB-L203	Microbial physiology and metabolism	00	00	02	02	
3	TIU-HMB-T205	Molecular Biology	00	00	02	02	
4	TIU-UCS-L201	Computer	00	00	02		
Total Credit						28	