



TECHNO INDIA UNIVERSITY
WESTBENGAL

**Syllabus of B.Sc. Microbiology (NEP)
Course Curriculum for All Semester
(4-years UG Degree Course)**



Department of Microbiology

**Techno India University, West Bengal
EM-4, EM Block, Sector V, Bidhannagar,
Kolkata -700091, West Bengal**



B.Sc. in Microbiology
Course Curriculum for All Semesters

Semester III

Sl. No.	Course Code	Course Title	Contact Hrs. / Week			Credit
			L	T	P	
1	TIU-UMB-MJ-T21201	Biomolecules and Bioenergetics	2	1	0	3
2	TIU-UMB-MJ-T21202	Microbial Physiology and Metabolism	2	1	0	3
3	TIU-UBT-MI-T21202	Marine Biotechnology	2	1	0	3
4	TIU-UCS-MD-T2101	Machine Learning	2	1	0	3
5	TIU-UEN-AEC-S2191A/ TIU-UEN-AEC-S2191B	Modern Indian Language – Hindi /Modern Indian Language – Bengali	2	0	0	2
6	TIU-UMB-SEC-T2101	Microbial quality control in food & pharmaceutical industries	2	1	0	3
7	TIU-UMB-MJ-L21201	Major: Biomolecules and Bioenergetics	0	0	1	1
8	TIU-UMB-MJ-L21202	Major: Microbial Physiology and Metabolism	0	0	1	1
9	TIU-UBT-MI-L21202	Minor: Marine Biotechnology	0	0	1	1
Total Credit						20