



TECHNO INDIA UNIVERSITY

W E S T B E N G A L

**COURSE CURRICULUM FOR 1-YEAR MASTERS IN
SCIENCE IN MICROBIOLOGY**



DEPARTMENT OF MICROBIOLOGY

Techno India University, West Bengal

EM-4, EM Block, Sector V, Bidhannagar,

Kolkata -700091, West Bengal

**First Semester**

Sl. No.	Course Code	Course Title	Contact Hrs. / Week			Credit
			L	T	P	
1	TIU-PMB-T119	Environmental Microbiology	2	1	0	3
2	TIU-PMB-T121	Microbial Physiology and Genetics	2	1	0	3
3	TIU-PMB-T123	Cell Biology	2	1	0	3
4	TIU-PMB-T125	Biochemistry and Enzymology	2	1	0	3
5	TIU-PMB-T109	Biophysics and Instrumentation	2	1	0	3
6	TIU-PMB-S192	CASD: Research Methodology and IPR	2	1	3	3
1	TIU-PMB-L191	Molecular Biology and Recombinant DNA Technology Lab	0	0	2	1
2	TIU-PMB-L125	Biochemistry and Enzymology Lab	0	0	2	1
3	TIU-PMB-L123	Cell Biology Lab	0	0	2	1
4	TIU-PES-S199	Entrepreneurship Skill Development	0	0	2	2
Total Credit						23