

**SEMESTER I**

<b>Subject Name</b>	<b>Subject Type</b>	<b>Subject Code</b>	<b>Subject Credit</b>
Biochemistry	Regular	MMBT1BCH	4
Instrumentation and Analytical Techniques	Regular	MMBT1IAT	4
Cell Biology and Genetics	Regular	MMBT1CBG	4
Microbial Diversity and Physiology	Regular	MMBT1MDP	4
Biostatistics and Research Methodology	Elective	MELE1BRM	2
Developmental Biology	Elective	MELE1DEB	2
Practical Module I	Regular	MMBT1PRA	6

**SEMESTER II**

Subject Name	Subject Type	Subject Code	Subject Credit
Bioprocess Engineering and Technology	Regular	MMBT2BET	4
Molecular Biology	Regular	MMBT2MOB	4
Recombinant DNA technology	Regular	MMBT2RDT	4
Fermentation Technology	Regular	MMBT2FET	4
Bioinformatics	Elective	MELE2BNF	2
Ecology	Elective	MELE2ECO	2
Practical module II	Regular	MMBT2PRA	6

### SEMESTER III

Subject Name	Subject Type	Subject Code	Subject Credit
Immunology	Regular	MMBT3IMN	4
Environmental Microbiology	Regular	MMIC3EMB	4
Pharmaceutical Microbiology	Regular	MMIC3PCM	4
Soft Skills and Development	Open	MOPE3SSD	2
Practical Module III	Regular	MMIC3PRA	6
Project Work -I	Regular	MMIC3PRO	8

**SEMESTER IV**

<b>Subject Name</b>	<b>Subject Type</b>	<b>Subject Code</b>	<b>Subject Credit</b>
Microbial Genetics	Regular	MMIC4MBG	4
Medical Microbiology	Regular	MMIC4MMB	4
Advanced topics in Life Sciences and IPR	Regular	MMIC4ALS	4
Practical Module IV	Regular	MMIC4PRA	6
Project Work - II	Regular	MMIC4PRO	8

