

## M.Sc Microbial Biotechnology Course structure

### Semester 1

S.No	Code	Course	Credits
1	MBTMSC101	Microbiology	3
2	MBTMSC103	Molecular Biology	3
3	MBTMSC105	Biochemistry	3
4	MBTMSC107	Bioinformatics	3
5	MBTMSC109	Virology V	2
6	MBTMSC111	Biostatistics	2
Laboratory			
1	MB	Biochemistry	2
3	MB	Bioinformatics	2

### Semester 2

S.No	Code	Course	Credits
1	MBTMSC202	Recombinant DNA Technology	3
2	MBTMSC204	Immunology	3
3	MBTMSC206	Environmental Biology	3
4	MBTMSC208	Bioprocess Engineering	4
5	MBTMSC210	Entrepreneurship	2
Laboratory			
1	MBTMSC212	Recombinant DNA Technology	2
2	MBTMSC214	Bioprocess	2

### Semester 3

S.No	Code	Course	Credits
1	MBTMSC301	Molecular Pathogenesis and Diagnosis	3
2	MBTMSC303	Vaccine Research and Development	3
3	MBTMSC305	Downstream processing	3
4	MBTMSC307	IPR	2
5	MBTMSC309	Research Methodology	2
Laboratory			
1	MBTMSC311	Advanced Microbial Techniques	3
2	MBTMSC313	Dissertation I	6

### Semester 4

S.No	Code	Course	Credits
1	MBTMSC 402	Dissertation II	26