



Curriculum and Scheme of Examination

Semester	Core/ Elective	Subject code	Course Title	Credit	L-T- P	CIA	End- Semester	Marks
I	CPT	MIB101	Cell Biology	4	4-0-0	50	50	100
	CPT	MIB102	Microbiology	4	4-0-0	50	50	100
	CPT	MIB103	Genetics	4	4-0-0	50	50	100
	CPT	MIB104	Biochemistry	4	4-0-0	50	50	100
	CPP	MIB001L	Biology Practical I	8	0-0- 16	50	50	100
II	CPT	MIB201	Experimental approaches in biology	4	4-0-0	50	50	100
	CPT	MIB202	Molecular Biology	4	4-0-0	50	50	100
	CPT	MIB203	Genetic Engineering	4	4-0-0	50	50	100
	CPT	MIB204	Immunology	4	4-0-0	50	50	100
	CPP	MIB002L	Biology Practical II	8	0-0- 16	50	50	100
III	CPT	MIB301	Bioinformatics and Data analytics	4	4-0-0	50	50	100
	CPT	MIB302	Applied Biotechnology	4	4-0-0	50	50	100
	CPT	MIB303	RNA biology	4	4-0-0	50	50	100
	CPT	MIB304	Stem cell and cancer biology	4	4-0-0	50	50	100
	CPP	MIB003L	Biology Practical III	8	0-0- 16	50	50	100
IV	CPP		Project	16		0	100	100
	ES		Elective course	4		50	50	100
			Seminars	4		100	0	100
				92 + 4 (ES)				

CPT: Core Paper Theory **CPP:** Core Paper Practical

OET: Open Elective Theory **OEP:** Open Elective Practical

4 Credits of Theory = 4 hours of teaching/ week

2 Credits of Practical = 4 hours/ week