



Scheme of Examination

First Semester - Master of Technology (Biotechnology)

w.e.f. 2014 onwards

S.No.	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignments /Quiz	End Sem. Practical/ Viva	Practical Record/Assignment/ Quiz/Presentation	
1.	MBT 101	Engineering Mathematics	3	1	-	4	70	20	10	-	-	100
2.	MBT 102	Cell & Molecular Biology	3	1	-	4	70	20	10	-	-	100
3.	MBT 103	Bioprocess Engineering	3	1	-	4	70	20	10	-	-	100
4.	MBT 104	Advance Biochemistry	3	1	-	4	70	20	10	-	-	100
5.	MBT 105	Genomics & Genetic Engineering	3	1	-	4	70	20	10	-	-	100
6.	MBT 106	Lab-I	-	-	6	6	-	-	-	90	60	150
7.	MBT 107	Lab-II	-	-	6	6	-	-	-	90	60	150
Total			15	5	12	32	350	100	50	180	120	800

17th October 2014

L: Lecture -

T: Tutorial -

P: Practical



Scheme of Examination

Second Semester - Master of Technology (Biotechnology)

w.e.f. 2014 onwards

S.No.	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignments /Quiz	End Sem. Practical /Viva	Practical Record/Assignment/Quiz/Presentation	
1.	MBT 201	IPR, Bioentrepreneurship & Bio-safety	3	1	-	4	70	20	10	-	-	100
2.	MBT 202	Metabolomics & Tissue Engineering	3	1	-	4	70	20	10	-	-	100
3.	MBT 203	Immunotechnology	3	1	-	4	70	20	10	-	-	100
4.	MBT 204	Stem Cell Technology	3	1	-	4	70	20	10	-	-	100
5.	MBT 205	Proteomics & Protein Engineering	3	1	-	4	70	20	10	-	-	100
6.	MBT 206	Lab-III	-	-	6	6	-	-	-	90	60	150
7.	MBT 207	Lab-IV	-	-	6	6	-	-	-	90	60	150
Total			15	5	12	32	350	100	50	180	120	800

17th October 2014

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L: Lecture T: Tutorial P: Practical



Scheme of Examination

Third Semester - Master of Technology (Biotechnology)

w.e.f. 2014 onwards

S.No.	Subject Code	Subject Name	Periods per week			Total Credits	Internal Assessment		End Exam		Practical Record	Total Marks
			L	T	P		MST (Two)	Assignments /Quiz	Theory	Presentations		
1.	MBT 301	Research Methodology	3	1	-	4	50	-	-	100	-	150
2.	MBT 302	Scientific Skills	3	1	-	4	30	-	-	-	-	30
3.	MBT 303	Seminar			4	4	50	-	-	100	-	150
4.	MBT 304	Comprehensive Analysis	-		4	4	20	-	-	-	-	20
5.	MBT 305	Project Synopsis			4	4	50	-	-	100	-	150
		Total	06	2	12	20	200	-	-	300		500



Scheme of Examination

Fourth Semester - Master of Technology (Biotechnology)

w.e.f. 2014 onwards

S.No.	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignments /Quiz	End Sem. Practical/Viva	Publications	
1.	MBT- 401	Dissertation	-	-	20	20	-	-	-	300	200	500
		Total	-	-	20	20	-	-	-	300	200	500

L: Lecture - T: Tutorial - P: Practical

17th October 2014

