

Semester 1									
Sl. No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	MBAMBT1001	Research Methodology and Biostatistics	4	0	0	4	20	30	50
2	MBAMTT1002	Medical Physiology	3	0	0	3	20	30	50
3	MBAMBT1003	Medical Microbiology	3	0	0	3	20	30	50
4	MBAMTT1004	Molecular Biology	4	0	0	4	20	30	50
5	MBAMTT1005	Biochemistry	4	0	0	4	20	30	50
6	MBAMBP1051	Medical Biotech Lab-I	0	0	2	2	50	0	50
7		Laboratory Operation Techniques	2	0	0	0			
Total			20	0	2	20			
Semester II									
Sl No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	MBAMBT2001	Analytical Techniques	4	0	0	4	20	30	50
2	MBAMBT2002	Molecular and Genetic Engineering	4	0	0	4	20	30	50
3	MBAMTT2003	Molecular Diagnostics	4	0	0	4	20	30	50
4	MBAMTT2004	Microbial Technology	3	0	0	3	20	30	50
5	MBAMTT2005	Immunology	4	0	0	4	20	30	50

6	MBAMBT2006-08	Elective	3	0	0	3	50	--	50
7	MBAMBP2051	Medical Biotechnology Lab -II	0	0	2	2	50	0	50
8		Computational and Graphical Tools	2	0	0	0			
Total			24	0	2	24			

Semester III

Sl No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	MTE	ETE
1	MBAMBT3001	Drug Discovery and Development	4	0	0	4	20	30	50
2	MBAMBT3002	Molecular Therapeutics	3	0	0	3	20	30	50
3	MBAMBT3003	Nanobiotechnology and Biosensors	4	0	0	4	20	30	50
4	MBAMBT3004	Biomaterials & Tissue Engineering	4	0	0	4	20	30	50
5	MBAMBT3005	Industrial Bioprocess technology	3	0	0	3	20	30	50
7	Open Elective	Elective-II	4	0	0	4	20	30	50
8	MBAMPP3051	Medical Biotechnology Lab -III	0	0	2	2	50	--	50
9		Start up, Innovation, Incubation & Entrepreneurship	2	0	0	0			

Total			24	0	2	24			
Semester IV									
Sl No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	MTE	ETE
1	MBAMBP4051	Project and Dissertation	0	0	12	12	50	--	50
2		Academic Report writing and Funding Opportunities	2	0	0	0			
Total			2	0	12	12	50	--	50

List of Electives

Elective-1 (in 2nd Semester)

Sl No	Course Code	Name of the Electives					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	MBAMBT2006	Fundamentals of clinical Research	3	0	0	3	20	30	50
2	MBAMBT2007	Pharmacogenomics	3	0	0	3	20	30	50
3	MBAMBT2008	Designing Clinical Trials	3	0	0	3	20	30	50

Elective-2 (in 3rd Semester)

Sl No	Course Code	Name of the Elective					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	MBAMBT3006	ICH GCP and ICMR Guideline	4	0	0	4	20	30	50
2	MBAMTT3007	Genomics & Proteomics	4	0	0	4	20	30	50
3	MBAMTT3008	Regulatory affairs and Ethics in Clinical Research	4	0	0	4	20	30	50