

Course outline:

First Year: Semester 1					
Subject Code	Subject title	No. of hours per week			Credit (C)
		Lecture (L)	Tutorial T)	Practical (P)	
MBT-501	Biotherapeutic Discovery & Development	6	-	-	6
MBT-503	Bioprocess engineering	3	-	-	3
MBT-505	Biostatistics and Research Methodology	3	-	-	3
MBT-521	<i>Electives: (Select any 1)</i>	3	-	-	3
MBT-523	1) Pharmaceutical Quality Control, Quality Assurance and Regulatory Affairs				
	2) 3D bioprinting				
MBT-531	Synopsis submission	-	2	-	2
MBT-507	Biotherapeutic Discovery and Development	-	-	6	3
	Total	15	2	6	20

First Year: Semester 2					
Subject title	Subject title	No. of hours per week			Credit (C)
		Lecture (L)	Tutorial T)	Practical (P)	
MBT-630	Soft Skills – I (Tutorials/ Seminars/ Journal Club/ special lectures)	-	4	-	4
MBT-699	Research Project work /Submission of a manuscript	-	-	32	16 (+32*)
	Total	-	4	32	20 (+32*)

Second Year: Semester 3					
Subject title	Subject title	No. of hours per week			Credit (C)
		Lecture (L)	Tutorial T)	Practical (P)	
MBT-631	Soft Skills – II (Tutorials/ Seminars/Journal Club/special lectures)	-	4	-	4
MBT-699	Research Project work/ presentation	-	-	32	16
	Total	-	4	32	20

Second Year: Semester 4					
Subject title	Subject title	No. of hours per week			Credit (C)
		Lecture (L)	Tutorial T)	Practical (P)	
MBT-632	Soft Skills – III (Tutorials/ Seminars/ Journal Club/ special lectures)	-	4	-	4
MBT-699	Research Project work /Submission of a manuscript	-	-	32	16 (+32*)
	Total	-	4	32	20 (+32*)