

First Semester		No. of hours per week				Evaluation Scheme		
Subject code	Subject title	L	T	P	C	Int. Assessment	University Exam	Total
MRBT5101	Biotherapeutic Discovery and Development	6	-	-	6	30	70	100
MRBT5102	Bioprocess Engineering	3	-	-	3	30	70	100
MRBT5103	Biostatistics and Research Methodology	3	-	-	3	30	70	100
MRBT5105.1/ MRBT5105.2 Electives* min.5)	1. Pharmaceutical Quality Control, Quality Assurance, and Regulatory Affairs 2. 3D Bioprinting (*Select any 1)	3	-	-	3	30	70	100
MRBT5106	Journal Club Presentation/Assignments	-	2	-	2	50	-	50
MRBT5104	Biotherapeutic Discovery and Development Lab	-	-	6	3	30	70	100
	Total	15	2	6	20	200	350	550
Second Semester						Evaluation Scheme		
Subject code	Subject title	L	T	P	C	Int. Assessment	University Exam	Total
MRBT5201	Soft Skills – I (Tutorials/Seminars/Journal Clubs/Special Lectures)	-	4	-	4	100	-	100
MRBT5202.1	Mini Research Project - Cell and Cell-free Therapy	-	-	32	16	100	100	200
MRBT5202.2	Mini Research Project - 3D Bioprinting							
MRBT5202.3	Mini Research Project - Bioformulation Development, Characterization, and Functional Assays							
	Total	-	4	32	20	200	100	300
Third Semester						Evaluation Scheme		
Subject code	Subject title	L	T	P	C	Int. Assessment	University Exam	Total
MRBT6101	Soft Skills – II (Tutorials/Seminars/Journal Clubs/Special Lectures)	-	4	-	4	50	-	50
MRBT6102	Major Research Project	-	-	32	16	100	-	100
	Total	-	4	32	20	150		150

Fourth Semester						Evaluation Scheme		
Subject code	Subject title	L	T	P	C	Int. Assessment	University Exam	Total
MRBT6201	Soft Skills–III (Tutorials/Seminars/Journal Clubs/Special Lectures)	-	4	-	4	50	-	50
MRBT6102	Major Research Project	-	-	32	16 (+32*)	100 (+100*)	300	500
	Total	-	4	32	20 (+32*)	250	300	550