

Program / Semester	Course Number	Course Name	Class Slot	Class room
BTech 2 nd year / III sem	BT 201	Biochemical Process Calculations	C	5005
	BT 202	Biothermodynamics	B	5005
	BT 203	Biochemistry	A	5005
	BT 204	Genetics	F	5005
	BT 205	Cell and Molecular Biology	E	5005
	MA 201	Mathematics - III	D	
		Minor course - I	G	4208
BTech 3 rd year / V sem	BT 301	Biophysics	C1	5005
	BT 302	Bioinformatics	E1/F1	5005
	BT 303	Biochemical Engineering	B1	5005
	BT 304	Immunology	D1/E1	5005
	BT 311	Biochemical Engineering Lab	ML1 & ML2 (9-12 AM)	
	BT 312	Analytical Biotechnology Lab	ML4 & ML5 (9-12 AM)	
	HS 1xx	HSS Elective-II Level-I	A1	5005
	Minor course - III	G1	4205	
BTech 4 th year / VII sem	BT xxx	Departmental Elective II	A (BT 407), B (BT 406) C (BT 404), E (BT 409)	
	BT xxx	Departmental Elective III	A (BT 408), B (BT 418) C (BT 413), E (BT 415) A1 (BT 414)	
	OE xxx	Open Elective I	F (BT 624)	
	OE xxx	Open Elective II	G1 (BT 641)	
	HS 2xx	HSS Elective - I Level - II	D	5004
		Minor course - V	G	4205
	BT 401	BTech Project-I		
MTech 1 st year / I sem	BT 501	Biotechniques	D	5005
	BT 503	Advanced Genetic Engineering	G	5005
	BT 510	Analytical Biotechnology Laboratory	AL1 & AL2 (2 – 5 PM)	
	BT xxx	Elective I		
	BT xxx	Elective II		
MTech 2 nd year / III sem	BT 600	M. Tech. Seminar		
	BT698	M Tech Project I		
Electives for BTech VII Sem	BT 404	Plant Biotechnology	C	5004
	BT 406	Stem Cell Biology and Engineering	B	4208
	BT 407	General Virology	A	5004
	BT 408	Structural Biology	A	4208
	BT 409	Cell Signalling and Development	E	4208
	BT 413	Metabolic Engineering	C	4208
	BT 414	Nano-Biotechnology	A1	5004
	BT 415	Tissue Engineering and Regenerative Medicine	E/B1	5004
	BT 418	Systems Biology	B	5004
Electives for MTech/PhD (Departmental)	BT 603	Molecular Biophysics	C1/D1	4208
	BT 606	Food Biotechnology	A	4205
	BT 610	Frontiers in Bimolecular Simulation	A1/B1	4205
	BT 613	Plant Molecular Farming	C	4101
	BT 617	Concepts and Methods in Proteomics	F	4208
	BT 620	Biosensors	B	4205
	BT 628	Metabolic Engineering	C	4205
	BT 631	Protein Structure, Function and Crystallography	A1/B1	4208
	BT 637	Genome Editing and Engineering	B	4101
	BT 638	Cellular and Molecular Aspects of Aging	E1/F1	5004
BT 644	Biorefineries	C1/D1	5004	
Electives (open)*	BT 641	Fundamentals of Human body Mechanics	G1	
	BT 624	Fluorescence Techniques in Biotechnology	F	
PhD only	BT 623	Research Methodology	D	4208