



19	19SC1202	DATA STRUCTURES	ES	0	0	4	0	2	NIL			2	2								
20	20ME1203	COMPUTATIONAL THINKING AND DATA SCIENCES	ES	3	0	2	3	4.75	NIL	2		2									
21	19SC1209	DESIGN TOOLS WORKSHOP –II	ES	3	0	2	3	4.75	NIL	2	2										
22	29MT2011	BIOSTATISTICS	ES	2	1	0	0	3	NIL		3										
23	19ES2101	PROCESS ENGINEERING PRINCIPLES	ES	2	1	0	0	3	NIL	1	2										
24	19 ES 2103	BIOCHEMICAL THERMODYNAMICS	ES	3	1	0	0	4	NIL		1	2	2								
25	19 ES 2102	TRANSPORT PROCESS IN BIOLOGICAL SY	ES	3	0	2	0	4	NIL		2		2							3	
26	19 BT 1101	CELL BIOLOGY	ES	3	0	0	0	3	NIL				1								2
27	19CS1203	OBJECT ORIENTED PROGRAMMING	ES	3	0	2	3	4.75	NIL		2		2								
28	19BT2105	BIOCHEMISTRY	PC	3	0	2	0	4	NIL	2							2				
29	19BT2106	MICROBIOLOGY	PC	3	0	2	0	4	NIL		2		2								3
30	19BT2107	BIOANALYTICAL TECHNIQUES	PC	3	0	2	0	4	NIL			2									2
31	19BT2108	MOLECULAR BIOLOGY	PC	3	0	0	0	3	NIL	2	2										
32	19BT2109	IMMUNOLOGY	PC	3	0	2	0	4	NIL	2	2										
33	19BT3110	GENETIC ENGINEERING	PC	3	0	2	0	4	NIL		3		3							2	
34	19BT3111	BIOINFORMATICS	PC	3	0	2	0	4	NIL	1	2										3
35	19BT3201	PLANT BIOTECHNOLOGY	PC	3	0	2	0	4	NIL					2		3					
36	19BT3112	FERMENTATION TECHNOLOGY	PC	3	0	2	0	4	NIL				3								2
37	19BT3113	BIOCHEMICAL REACTION ENGINEERING	PC	3	0	2	0	4	NIL		2		3								2
38	19BT3202	DOWNSTREAM PROCESSING	PC	3	0	2	0	4	NIL		3		2								2

39	19BT3051	MOLECULAR GENETICS	PE	3	0	0	0	3	19BT3111					2							3	
40	19BT3052	TRANSGENIC TECHNOLOGY	PE	3	0	0	0	3	19BT3111					3				2			1	
41	19BT3053	MOLECULAR EXPRESSION TECHNOLOGY	PE	3	0	0	0	3	19BT3111			2							1			3
42	19BT3054	GENOMICS AND PROTEOMICS	PE	3	0	0	0	3	19BT3111			3		2					1			1
43	19BT3055	MOLECULAR MARKERS AND DIAGNOSTICS	PE	3	0	0	0	3	19BT3111				2		2				1			3
44	19BT3056	GENE AND THE ENVIRONMENT	PE	3	0	0	0	3	19BT3111	3			3								2	
45	19BT3057	MICROBIAL GENETICS	PE	3	0	0	0	3	19BT3111	2											3	
46	19BT3058	DNA FORENSICS	PE	3	0	0	0	3	19BT3111			1		2		3					1	
47	19BT3061	MICROBIAL TECHNOLOGY	PE	3	0	0	0	3	19BT2106		2	1							3			3
48	19BT3062	PHARMACEUTICAL BIOTECHNOLOGY	PE	3	0	0	0	3	19BT2106		3	1		3					3			2
49	19BT3063	METABOLIC ENGINEERING	PE	3	0	0	0	3	19BT2106		2	1		1	3				3			3
50	19BT3064	BIORESOURCE TECHNOLOGY	PE	3	0	0	0	3	19BT2106					2		3						1
51	19BT3065	BIOPROCESS ECONOMICS AND PLANT DESIGN	PE	3	0	0	0	3	19BT2106			2		1		3						1
52	19BT3066	ENZYME ENGINEERING	PE	3	0	0	0	3	19BT2106		2			1								3
53	19BT3067	BIOPROCESS VALIDATION AND CGMP	PE	3	0	0	0	3	19BT2106		3			3	1							2
54	19BT3068	FOOD TECHNOLOGY	PE	3	0	0	0	3	19BT2106		2			1								3
55	19BT3069	PHARMACOVIGILANCE AND SAFETY	PE	3	0	0	0	3	19BT2106					2		3						1
56	19BT3071	PERL AND BIOPERL PROGRAMMING	PE	3	0	0	0	3	19BT3110			2		1		2						3
57	19BT3072	BIOMEDICAL INFORMATICS	PE	3	0	0	0	3	19BT3110	2				1								3
58	19BT3073	MOLECULAR MODELLING AND DRUG DESIGN	PE	3	0	0	0	3	19BT3110	3			3		1							2

59	19BT3074	STRUCTURAL BIOLOGY	PE	3	0	0	0	3	19BT3110	2											3	
60	19BT3075	SYSTEMS BIOLOGY	PE	3	0	0	0	3	19BT3110				2		3							1
61	19BT3076	APPLIED BIOINFORMATICS	PE	3	0	0	0	3	19BT3110			2			2							3
62	19BT3077	PYTHON AND R PROGRAMMING	PE	3	0	0	0	3	19BT3110	2												3
63	19BT3078	DATA BASE MANAGEMENT SYSTEM	PE	3	0	0	0	3	19BT3110	3			3									2
64	19BT3081	STEM CELL TECHNOLOGY	PE	3	0	0	0	3	19BT1201		2				3							1
65	19BT3082	HEALTHCARE BIOTECHNOLOGY	PE	3	0	0	0	3	19BT1201				2									3
66	19BT3083	CANCER BIOLOGY	PE	3	0	0	0	3	19BT1201				3		3							2
67	19BT3084	NEUROBIOLOGY	PE	3	0	0	0	3	19BT1201				2									3
68	19BT3085	BIOELECTRONICS & BIOSENSORS	PE	3	0	0	0	3	19BT1201							2		3				1
69	19BT3086	TISSUE ENGINEERING	PE	3	0	0	0	3	19BT1201				3		3							2
70	19BT3087	VIROLOGY	PE	3	0	0	0	3	19BT1201				2									3
71	19BT3088	NANOBIOTECHNOLOGY	PE	3	0	0	0	3	19BT1201							2		3				1
72	20IE2050	SOCIAL INTERNSHIP	PR	0	0	0	8	2	NIL	2			2			2					2	2
73	20IE3050	TECHNICAL INTERNSHIP	PR	0	0	0	8	2	NIL	2			2			2					2	2
74	20IE3150	MID GRAD CAPSTONE PROJECT – I	PR	0	0	0	8	2	NIL	3		3									2	2
75	20IE3250	MID GRAD CAPSTONE PROJECT – II	PR	0	0	0	8	2	NIL	3			3			3					2	2
76	20IE4150	CAPSTONE PROJECT – I	PR	0	0	0	24	6	NIL	3			3			3					2	2
77	20IE4250	CAPSTONE PROJECT – II	PR	0	0	0	24	6	NIL	3			3			3					2	2
78	19IE4050	PRACTICE SCHOOL	PR	0	0	0	24	6	NIL	3			3			3					2	2

79	19IE4051	INTERNSHIP	PR	0	0	0	24	6	NIL	3			3				3			2	2	
80	20TS3101	TECHNICAL PROFICIENCY TRAINING-1 (GENOMICS AND PROTEOMICS)	SKE	3	0	0	0	3	NIL								2		2			
81	20TS3202	TECHNICAL PROFICIENCY TRAINING-1 (BIOPROCESSING)	SKE	3	0	0	0	3	NIL								2		2			