

COURSE VS POs & PSOs MAPPING

S.No.	Course code	Course Name	Course category	L	T	P	S	Cr	Pre-Req.	PO												PSO		
										1	2	3	4	5	6	7	8	9	10	11	12	1	2	
1	17BT1201	CELL BIOLOGY	PC	3	1	0	0	4	NIL	2			2										3	3
2	17CS1101	PROBLEM SOLVING AND COMPUTER PROGRAMMING	BS	3	0	2	0	4	NIL	1	2									2				
3	17ME1003	WORKSHOP PRACTICE	BS	0	0	4	0	2	NIL	1			1											
4	17MT1102	FOUNDATIONS OF COMPUTATIONAL MATHEMATICS	BS	3	0	0	0	3	NIL	1			1											
5	17MT1205	BASIC MATHEMATICS	BS	3	1	0	0	4	NIL	1			1							1				
7	17PH1001	ENGINEERING MATERIALS	ES	3	0	2	0	4	NIL	1														
8	17ME1002	ENGINEERING GRAPHICS	ES	3	0	0	0	0	NIL	1				1										
9	17MT1101	SINGLE VARIABLE CALCULUS AND MATRIX ALGEBRA	ES	3	1	0	0	4	NIL	2	1													
10	17EN1201	BUILDING BLOCKS FOR COMMUNICATION SKILLS	BS	0	0	4	0	2	NIL											3				
11	17CY1001	ENGINEERING CHEMISTRY	BS	3	0	2	0	4	NIL			2	2											
12	17ME1001	ENGINEERING MECHANICS	BS	3	0	2	0	4	NIL	2	2		2											
13	17MT1204	LOGIC AND REASONING	BS	0	0	4	0	2	NIL	2				2										
14	17GN1003	BASIC ENGINEERING MEASUREMENTS	BS	3	0	2	0	4	NIL	1		1	1											
15	17GN1204	CODING SKILLS FOR ENGINEERS	ES	0	0	0	10	3	NIL	2	2													
16	17BT2105	BIOCHEMISTRY	PC	3	0	2	0	4	NIL	3	2	2	2				3	3					3	
17	17BT2106	MICROBIOLOGY	PC	3	0	2	0	4	NIL	3	2		2				3	3					3	

18	17BT2102	PROCESS ENGINEERING PRINCIPLES	PC	2	1	0	0	3	NIL	2	2										2		
19	17MT2011	BIOSTATISTICS	BS	2	1	0	0	3	NIL	2				2									
20	17EN3102	INSTANT COMMUNICATION SKILLS	BS	0	0	4	0	2	NIL									3					
21	17TS1001	BIOTECHNOLOGY SKILLING - 1 (MEDICAL CODING)	SKE	0	0	0	8	2	NIL					3	3								3
22	17CS2004	OBJECT ORIENTED PROGRAMMING	ES	3	0	2	0	4	NIL	2	2		2										
23	17BT2107	BIOANALYTICAL TECHNIQUES	PC	3	0	2	0	4	NIL	3	3		3					3	3			3	
24	17BT2108	MOLECULAR BIOLOGY	PC	3	1	0	0	4	NIL		2			2	1								2
25	17BT2109	IMMUNOLOGY	PC	3	0	2	0	4	NIL	2			3	3	2	2		2.0	2.0		2	2	2
26	17ES2103	BIOCHEMICAL THERMODYNAMICS	ES	3	1	0	0	4	NIL	3	2	2										2	
27	17UC2204	APTITUDE BUILDER – 1	BS	0	0	4	0	2	NIL									3	3				
28	17TS1002	BIOTECHNOLOGY SKILLING - 2 (INSTRUMENTATION)	SKE	0	0	0	8	2	NIL					3	3			3	3			2	2
29	17UC0008	INDIAN CONSTITUTION	HSS	2	0	0	0	2	NIL					2									
30	17ES2102	TRANSPORT PROCESSES IN BIOLOGICAL SYSTEMS	ES	3	0	2	0	4	NIL	2	2	2	2					3	3			2	
31	17BT3110	BIOINFORMATICS	PC	3	0	2	0	4	NIL	3	2	1	1	2				3		2		2	
32	17BT3111	GENETIC ENGINEERING	PC	3	0	2	0	4	NIL	3	3							3	3	3			
33	17BT3112	FERMENTATION TECHNOLOGY	PC	3	0	2	0	4	NIL	2	3	3		3				3	3	2		2	3
34	17BT3113	BIOCHEMICAL REACTION ENGINEERING	PC	3	0	2	0	4	NIL	2	2		3					3	3			2	
35	17UC3105	APTITUDE BUILDER – 2	HSS	0	0	4	0	2	NIL									3	3				
36	17TS1003	BIOTECHNOLOGY SKILLING - 3 (ANIMAL CELL CULTURE)	SKE	0	0	0	8	4	NIL					3	3			3	3			2	2

37	17TS1004	TECHNICAL PROFICIENCY AND TRAINING - 1 (GENOMICS)	SKE	1	0	0	0	1	NIL	2	2				2						2		
38	17UC0007	INDIAN HERITAGE & CULTURE	HSS	2	0	0	0	2	NIL						3								
39	17IE2246	INDUSTRIAL TRAINING	PR	2	0	0	0	2	NIL						2		3	3	3	3		2	2
40	17BT3201	PLANT BIOTECHNOLOGY	PC	3	0	2	0	4	NIL	3	2						3	3	3			2	2
41	17BT3202	DOWNSTREAM PROCESSING	PC	3	0	2	0	4	NIL	2	2	2	2				2	2	2			3	
42	17TS1005	BIOTECHNOLOGY SKILLING - 4 (ADVANCED INSTRUMENTATION)	SKE	0	0	0	8	2	NIL					3	3			3	3			2	2
43	17TS1006	TECHNICAL PROFICIENCY AND TRAINING - 2 (BIOPROCESSING)	SKE	1	0	0	0	1	NIL	2	2				2							2	
44	17IE3247	TERM PAPER	PR	0	0	4	0	2	NIL						2		3	3	3	3		2	2
45	17IE4049	PRACTICE SCHOOL	PR	0	0	0	24	6	NIL						2		3	3	3	3		2	2
46	17IE4048	PROJECT PART-I	PR	0	0	0	24	6	NIL						2		3	3	3	3		2	2
47	17AC1008	UNIVERSAL HUMAN VALUES & PROFESSIONAL ETHICS	HSS	2	0	0	0	2	NIL								3					2	
48	17IE4049	PRACTICE SCHOOL	PR	0	0	0	24	6	NIL						2		3	3	3	3		2	2
49	17IE4050	PROJECT (PART 2)	PR	0	0	0	24	6	NIL						2		3	3	3	3		2	2
50	17BT3251	MOLECULAR GENETICS	PE	3	0	0	0	3	17BT3111	2			2		2							2	2
51	17BT3252	TRANSGENIC TECHNOLOGY	PE	3	0	0	0	3	17BT3111	2			2		2							2	2
52	17BT3253	MOLECULAR EXPRESSION TECHNOLOGY	PE	3	0	0	0	3	17BT3111	2			2		2							2	2
53	17BT3254	GENOMICS AND PROTEOMICS	PE	3	0	0	0	3	17BT3111	2			2		2							2	2
54	17BT4150	MOLECULAR MARKERS AND DIAGNOSTICS	PE	3	0	0	0	3	17BT3111	2			2		2							2	2
55	17BT4151	GENE AND THE ENVIRONMENT	PE	3	0	0	0	3	17BT3111	2			2		2	2						2	2

75	17BT3263	STEM CELL TECHNOLOGY	PE	3	0	0	0	3	17BT1201	2		2					2		2			2	
76	17BT3264	HEALTHCARE BIOTECHNOLOGY	PE	3	0	0	0	3	17BT1201	3				3								2	
77	17BT3265	CANCER BIOLOGY	PE	3	0	0	0	3	17BT1201	2		2			3		2		2				2
78	17BT3266	NEUROBIOLOGY	PE	3	0	0	0	3	17BT1201	2					2				2				2
79	17BT4163	BIOELECTRONICS & BIOSENSORS	PE	3	0	0	0	3	17BT1201	2		2			3				2				2
80	17BT4164	TISSUE ENGINEERING	PE	3	0	0	0	3	17BT1201	2		2			3		2		2				2
81	17BT4165	VIROLOGY	PE	3	0	0	0	3	17BT1201	2		2			3		2		2				2
82	17BT4166	NANOBIOTECHNOLOGY	PE	3	0	0	0	3	17BT1201	2		2			3		2		2				2