

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	19UC1101	BASIC ENGLISH	HSS	0	0	4	0	2	NIL								1	1								
2	19UC1202	ENGLISH PROFICIENCY	HSS	0	0	4	0	2	NIL							1	1				2					
3	19UC2103	PROFESSIONAL COMMUNICATION SKILLS	HSS	0	0	4	0	2	NIL	1			1								1					
4	19UC2204	Aptitude Builder - 1	HSS	0	0	4	0	2	NIL	1			1								1					
5	19UC3105	Aptitude Builder - 2	HSS	0	0	4	0	2	NIL	1			1								1					
6	19UC3206	CAMPUS TO CORPORATE	HSS	0	0	4	0	2	NIL	1																
7	19UC0009	ECOLOGY & ENVIRONMENT	HSS	2	0	0	0	0	NIL																1	
8	19UC0008	INDIAN CONSTITUTION	HSS	2	0	0	0	0	NIL						2										1	
9	19UC0007	INDIAN HERITAGE AND CULTURE	HSS	2	0	0	0	0	NIL								2									
10	19UC0010	UNIVERSAL HUMAN VALUES & PROFESSIONAL ETHICS	HSS	2	0	0	0	0	NIL															2		
11	19PH1005	ENGINEERING PHYSICS	BS	3	0	2	0	4	NIL	2				2												
12	19CY1101	ENGINEERING CHEMISTRY	BS	3	0	2	0	4	NIL	2				2												
13	19MT1101	MATHEMATICS FOR COMPUTING	BS	2	2	0	2	4.5	NIL	2																
14	19MT2001	Mathematical Methods	BS	2	1	0	0	3	NIL				2						2							
15	19BT1001	BIOLOGY FOR ENGINEERS	BS	2	0	0	0	2	NIL	2																
16	19MT2011	BIO STATISTICS	BS	2	1	0	0	3	NIL				2							2						
17	19SC1101	COMPUTATIONAL THINKING FOR DESIGN	ES	3	0	2	6	5.5	NIL	1	2	3	2	2					3				2			
18	19ME1103	DESIGN TOOLS WORKSHOP - I	ES	0	0	4	0	2	NIL	2				2												
19	19SC1209	DESIGN TOOLS WORKSHOP - II	ES	0	0	4	0	2	NIL	1			1										1			
20	19SC1203	DATA STRUCTURES	ES	3	0	2	3	4.75	NIL							1	1									
21	19SC1203	OBJECT ORIENTED PROGRAMMING	ES	3	0	2	3	4.75	NIL	2	2		2													
22	19BT2103	BIOCHEMICAL THERMODYNAMICS	ES	3	1	0	0	4	NIL				2		2											
23	19BT2101	PROCESS ENGINEERING PRINCIPLES	ES	2	1	0	0	3	NIL	2			2													
24	19BT2102	TRANSPORT PROCESSES IN BIOLOGICAL SYSTEMS	ES	3	0	2	0	4	NIL	2	2															
25	19BT1201	CELL BIOLOGY	PC	3	1	2	0	5	NIL			3														
26	19BT2105	BIOCHEMISTRY	PC	3	0	2	0	4	NIL	1	2															
27	19BT2108	MOLECULAR BIOLOGY	PC	3	1	0	0	4	NIL		1	2	2													
28	19BT2109	IMMUNOLOGY	PC	3	0	2	0	4	NIL		2				2										3	
29	19BT3110	BIOINFORMATICS	PC	3	0	2	0	4	NIL				1													2
30	19BT3111	GENETIC ENGINEERING	PC	3	0	2	0	4	NIL		2				2											
31	19BT3112	FERMENTATION TECHNOLOGY	PC	3	0	2	0	4	NIL	2													2			
32	19BT3113	BIOCHEMICAL REACTION ENGINEERING	PC	3	0	2	0	4	NIL		2				2											3
33	19BT3201	PLANT BIOTECHNOLOGY	PC	3	0	2	0	4	NIL				2													2
34	19BT3202	DOWNSTREAM PROCESSING	PC	3	0	2	0	4	NIL	2	2															
35	19BT2106	MICROBIOLOGY	PE	3	0	2	0	4	NIL	2	2															
36	19BT2107	BIOANALYTICAL TECHNIQUES	PE	3	0	2	0	4	NIL		3				3									2		
37	19TS1001	Skilling for Engineers-1 (Medical Lab Technology)	SKE	0	0	0	8	2	NIL	1	2															3
38	19TS1002	Skilling for Engineers-2 (Process Engineering Tools)	SKE	0	0	0	8	2	NIL						2			3								
39	19TS1003	Skilling for Engineers-3 (Animal Cell Culture)	SKE	0	0	0	8	2	NIL						3											2
40	19BT3150	Technical Proficiency & Training -1 (Genomics)	SKE	1	0	0	0	1	NIL			2			3											2
41	19BT3250	Technical Proficiency & Training-2 (Bioprocessing)	SKE	1	0	0	0	1	NIL			3			2											2
42	19UC1001	Design Thinking and Innovation - 1	SKE	1	0	0	4	2	NIL	1	2	3	2	2					3				2			
43	19UC1201	Design Thinking and Innovation - 2	SKE	1	0	0	4	2	NIL	1	2	3	2	2					3				2			
44	19TS1004	Skilling for Engineers-4 (Advanced Instrumentation)	SKE	0	0	0	8	2	NIL			2			3											2
45	19SP2117	Yoga	SKE	0	0	0	2	0	NIL	2			2						2					2	2	
46	19IE2246	Industrial Training	PR	0	0	0	8	2	NIL	2			2						2					2	2	

