S.No	Course code	Course Title	Periods			Credits	COURSE MAP					
			L	T	P		1	2	3	4	5	
1	21BT5101	Mathematics and Biostatistics	3	2	0	4	1	1				
2	21BT5102	Biochemical Engineering	3	0	2	4	2	1	3			
3	21BT5103	Molecular Biology and r-DNA Technology	3	0	2	4	3	2	1			
4	21BT5104	Applied Bioinformatics	3	0	2	4	1	3	2	1		
5	21BT5105	Plant and Animal Biotechnology	0	0	4	2						
6	21BT5106	Immunotechnology	3	0	2	4	1		2		3	
7	21BT5107	Bioreactor modeling and Simulation	3	2	0	4	2	1	1	2	1	
8	21BT5108	Downstream Processing	3	0	2	4	1		3			
9	21IE5148	Seminar	0	0	4	2	1	2		3	2	
10	21IE5149	Termpaper	0	0	4	2						
11	21IE6050	Dissertation / Practise School	0	0	72	36						
12	21 BT 51A1	Protein Engineering	**3**	**0**	**0**	**3**	**3**	**2**	**1**			
13	21 BT 51A2	Enzyme Technology	3	0	0	3	1		2			
14	21 BT 51A3	Medical Biotechnology	3	0	0	3	1		2			
15	21 BT 51A4	Stem cell technology	3	0	0	3	1	3	2			
16	21 BT 51A5	Molecular Modeling and Drug Design	3	0	0	3	1	2				
17	21 BT 51B1	Food Technology	3	0	0	3	2	1	2		3	
18	21 BT 51B5	Bioreactor Operations	3	0	0	3	2		1			
19	21 BT 51B3	Bio mining	3	0	0	3	1	2				
20	21 BT 51B4	Bioprocess validation and cGMP	3	0	0	3	1	2		3		
21	21 BT 52C6	Computational programming for Biologists	3	0	0	3	1	2				
22	21 BT 52C2	Bioprocess Technology	3	0	0	3	2		1		3	
23	21 BT 52C3	Environmental Biotechnology	3	0	0	3	2					
24	21 BT 52C4	Nano Biotechnology	3	0	0	3	1	2	3			

25	21 BT 52C7	Intellectual Property Rights, Biosafety and Bioethics	3	0	0	3	1					
26	21 BT 52D1	Regulatory affairs & Clinical trials	3	0	0	3	2		1		3	
27	21 BT 52D2	Bioprocess economics and plant design	3	0	0	3	1	2				
28	21 BT 52D5	Methods in genomics, transcriptomics, proteomics and metabolomics	3	0	0	3	3					
29	21 BT 52D6	Advanced Biocatalyst and Biocatalysis	3	0	0	3	1		2			