

S.No	Course code	Course Title	Periods			Credits	COURSE MAPPING V						
			L	T	P		1	2	3	4	5	6	
1	19 BT 5101	Mathematics and Biostatistics	3	2	0	4	1	1					2
2	19 BT 5102	Biochemical Engineering	3	0	2	4	2	1	3				
3	19 BT 5103	Molecular Biology and r-DNA Technology	3	0	2	4	3	2	1				
4	19 BT 5104	Applied Bioinformatics	3	0	2	4	1	3	2	1			
5	19 IE 5148	Seminar	0	0	4	2							
6	19 BT 5205	Plant and Animal Biotechnology	3	0	2	4	1		2			3	
7	19 BT 5206	Immuno technology	3	0	2	4	2	1	1	2	1		
8	19 BT 5207	Bioreactor modeling and Simulation	3	2	0	4	1		3				
9	19 BT 5208	Downstream Processing	3	0	2	4	1	2		3	2		
10	19 IE 5250	Term Paper	0	0	4	2							
11	19 IE 6050	Dissertation	0	0	72	36							
7	19BT51A1	Protein Engineering	3	0	0	3	3	2	1				
8	19 BT 51A2	Enzyme Technology	3	0	0	3	1		2				
9	19 BT 51A3	Medical Biotechnology	3	0	0	3	1		2				
10	19 BT 51A4	Stem cell technology	3	0	0	3	1	3	2				
11	19 BT 51A5	Molecular Modeling and Drug Design	3	0	0	3	1	2					
12	19 BT 51B1	Food Technology	3	0	0	3	2	1	2			3	2
13	19 BT 51B2	Transport Phenomena in Bioprocess	3	0	0	3	2		1				
14	19 BT 51B3	Bio mining	3	0	0	3	1	2					
15	19 BT 51B4	Bioprocess validation and cGMP	3	0	0	3	1	2		3			
16	19 BT 52C1	Perl programming and Bioperl	3	0	0	3	1	2					
17	19 BT 52C2	Bioprocess Technology	3	0	0	3	2		1			3	
18	19 BT 52C3	Environmental Biotechnology	3	0	0	3	2						1

19	19 BT 52C4	Nano Biotechnology	3	0	0	3	1	2	3			
20	19 BT 52C5	Intellectual Property Rights,	3	0	0	3	1					
		Biosafety and Bioethics										
21	19 BT 52D1	Regulatory affairs & Clinical trials	3	0	0	3	2		1		3	
22	19 BT 52D2	Bioprocess economics and plant design	3	0	0	3	1	2				1
23	19 BT 52D4	Genomics and Proteomics	3	0	0	3	3					
24	19 BT 52D5	Biocatalysis and Enzymes	3	0	0	3	1		2			3