

Semester VII

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	BE-401	Environmental Biotechnology	DC	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√		√		
2	BE-402	Fermentation Engineering	DC	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√				
3	BE-403	Applied Bioinformatics	DC	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√				
4	BE-404	Nanobiotechnology	DC	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√				
5	BE-408	Food Biotechnology	DE	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
	BE-409	Pharmaceutical Biotechnology	DE	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
	BE-410	Bioenergetics and Metabolic Engineering	DE	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
	BE-411	Agricultural Biotechnology	DE	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√		√		
6	BE-407	Bioinformatics Project	DC	0	0	4	40	20	60	40	100	0:0:2	2	√	√	√				
7	BE-300	Industrial Training	DC	0	0	0	40	20	60	40	100 S/U*	0:0:0	0	√	√	√		√		√
PRACTICAL																				
8	BE-405	Environmental Biotechnology Lab	DC	0	0	2	40	20	60	40	100	0:0:1	1	√	√	√				
9	BE-406	Fermentation Engineering Lab	DC	0	0	4	40	20	60	40	100	0:0:2	2	√	√	√				
Total				11	5	10	360	180	540	410	900	25	25							

Semester VIII

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	BE-451	Seminar	DC	0	0	0	40	20	60	40	100	3	3	√	√	√			√	
2	BE-499	B.Tech. Project	DC	0	0	0	40	20	60	40	100	4	4	√	√	√			√	
3	BE-499	B.Tech. Project	DC	0	0	0	40	20	60	40	100	4	4	√	√	√			√	
4	BE-499	B.Tech. Project	DC	0	0	0	40	20	60	40	100	4	4	√	√	√			√	
5	BE-412	Educational Tour	DC	0	0	0	40	20	60	40	100	2	2	√	√	√			√	
6		Open Elective-2	OE	3	1	0	40	20	60	40	100	3:1:0	4							
Total				3	1	0	240	120	360	240	600	21	21							