Semester III

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes							SDGs
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES																					
	BE-601	Bioinformatics, Genomics and Proteomics	Core	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√					3,4,8
	BE-602	Immunotechnology	Core	2	1	0	40	20	60	40	100	2:1:0	3	√		√					3,4
		Departmental Elective																			
	BE-605	Animal Cell Engineering	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3	√	√						3,4,15
	BE-606	Biochemical Reaction Engineering	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3	√		√					9,12,15
	BE-607	Environmental Biotechnology	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3		√			√	√		3,6,7,9,11,13,15
	BE-608	Secondary Metabolism in Plants	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3	√				√			2,3,4,6,15
	BE-609	Plant Developmental Biology	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3					√			15
	BE-610	Biosensors: Design and Applications	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√					3,4,6,8,9
	BE-611	IPR, Biosafety and Bioethics	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3				√	√	√	√	4,5,8,9,10,11,12,16
	BE-612	Medical Biotechnology	Departmental elective	2	1	0	40	20	60	40	100	2:1:0	3	√						√	3,9,14,15
	*BE-604	Advances in Molecular Techniques	Audit	2	1	0	40*	20*	60*	40*	100*	2:1:0	0		√	√					3,4,9
	DC	BE-699	M.Tech. Dissertation	0	0	8	40	20	60	40	100	0:0:8	4	√		√				√	3,4,8,9
	DC	BE-603	Colloquium	0	0	4	40	20	60	40	100	0:0:4	2		√					√	4,8
			Total	**8**	**4**	**12**	**200**	**100**	**300**	**200**	**500**	**15**	**15**								

Semester IV

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Max. Marks	Credit	Total Credits	Attributes							SDGs
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES																					
1.	BE-699	M.Tech. Dissertation	Core	0	0	0	40	20	60	40	100	4	4	√	√	√				√	3,4,8,9
2.	BE-699	M.Tech. Dissertation	Core	0	0	0	40	20	60	40	100	4	4	√	√	√				√	3,4,8,9
3.	BE-699	M.Tech. Dissertation	Core	0	0	0	40	20	60	40	100	4	4	√	√	√				√	3,4,8,9
4.	BE-699	M.Tech. Dissertation	Core	0	0	0	40	20	60	40	100	4	4	√	√	√				√	3,4,8,9
			Total	**0**	**0**	**0**	**160**	**80**	**240**	**160**	**400**	**16**	**16**								