



### Semester IV

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				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	
<b>THEORIES</b>																				
1	BE-207	Immunology	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				3,4,9
2	BE-208	Enzymology	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				3,4
3	BE-209	Molecular Biology	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				3,4,12,14
4	BE-210	Introduction to Bioinformatics	DC	2	1	0	40*	20*	60*	40*	100*	2:1:0	0	√	√	√				4,8
5	ME-222	Heat Transfer Operations	ESA	2	1	0	40	20	60	40	100	2:1:0	3							
6	BE-213	Plant Biochemistry	DE	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√				3,4,9
	BE-214	Clinical Biochemistry	DE	2	1	0	40	20	60	40	100	2:1:0	3	√	√	√				3,4,9
	BE-215	Applied Thermodynamics for Bioengineers	DE	2	1	0	40	20	60	40	100	2:1:0	3			√				4,7,12
7	ES -202/ CS-203	Disaster Management/Cyber Law & Information Security	ESA	2	1	0	40	20	60	40	100	2:1:0	3							
<b>PRACTICAL</b>																				
8	BE-211	Immunology Lab	DC	0	0	4	40	20	60	40	100	0:0:2	2	√		√				3,4,9
9	BE-212	Molecular Biology Lab	DC	0	0	4	40	20	60	40	100	0:0:2	2	√		√				3,4,12
10	ME-224	Heat Transfer Operation Lab	ESA	0	0	4	40	20	60	40	100	0:0:2	2							
<b>Total</b>				<b>17</b>	<b>7</b>	<b>12</b>	<b>360</b>	<b>180</b>	<b>540</b>	<b>360</b>	<b>900</b>	<b>27</b>	<b>27</b>							