

## BIOTECHNOLOGY

### Semester I

Paper Code	Title	Contact Hrs.		Credits
		Per semester	Per week	
BTE 121	Cell Biology	75	5	5
BTE 122	Biochemistry	75	5	5
BTE 123	Microbial Diversity & Physiology	75	5	5
BTE 124	Analytical Techniques	75	5	5
BTE 125	Biostatistics & Bioinformatics	75	5	5
BTE 126	Laboratory I	240	16	8
BTE 127	Seminar	30	2	2
<b>Total Credits for Semester I</b>				<b>35</b>

### Semester II

Paper Code	Title	Contact Hrs.		Credits
		Per semester	Per week	
BTE 221	Genetics	75	5	5
BTE 222	Molecular Biology	75	5	5
BTE 223	Immunology	75	5	5
BTE 224	Genetic Engineering	75	5	5
BTE 225	Plant Biotechnology	75	5	5
BTE 226	Laboratory II	240	16	8
BTE 227	Seminar	30	2	2
<b>Total Credits for Semester II</b>				<b>35</b>

### Semester III

Paper Code	Title	Contact Hrs.		Credits
		Per semester	Per week	
BTE 321	Review Report	150	10	10
BTE 322	Dissertation	375	25	25
<b>Total Credits for Semester III</b>				<b>35</b>

### Semester IV

Paper Code	Title	Contact Hrs.		Credits
		Per semester	Per week	
BTE 421	Animal Cell Science & Technology	75	5	5
BTE 422	Virology	75	5	5
BTE 423	Bioprocess Engineering & Technology	75	5	5
BTE 424	Industrial Biotechnology	75	5	5
BTE 425	Environmental Biotechnology	75	5	5
BTE 426	Laboratory III	240	16	8
BTE 427	Seminar	30	2	2
<b>Total Credits for Semester IV</b>				<b>35</b>
<b>Total Credits</b>				<b>140</b>