

BIOTECHNOLOGY

Semester I

Paper Code	Title	Contact Hours		Credits
		Per Semester	Per week	
BTE 101	Biochemistry	45	03	03
BTE 102	Analytical Techniques	45	03	03
BTE103	Laboratory-I	60	04	02
Total Credits for Semester I				08

Semester II

Paper Code	Title	Contact Hours		Credits
		Per Semester	Per week	
BTE 201	Fundamentals of Microbiology & Fermentation Technology	45	03	03
BTE 202	Cell Biology	45	03	
BTE 203	Laboratory-II	60	04	02
Total Credits for Semester II				08

Semester III

Paper Code	Title	Contact Hours		Credits
		Per Semester	Per week	
BTE 301	Genetics	45	03	03
BTE 302	Molecular Biology	45	03	03
BTE 303	Laboratory-III	60	04	02
Total Credits for Semester III				08

Semester IV

Paper Code	Title	Contact Hours		Credits
		Per Semester	Per week	
BTE 401	Immunology	45	03	03
BTE 402	Genetic Engineering	45	03	03
BTE 403	Laboratory-IV	60	04	02
Total Credits for Semester IV				08

Semester V

Paper Code	Title	Contact Hours		Credits
		Per Semester	Per week	
BTE 501	Plant Tissue Culture	45	03	03
BTE 502	Animal Cell Science & Technology	45	03	03
BTE 503	Laboratory-V	60	04	02
Total Credits for Semester V				08

Semester VI

Paper Code	Title	Contact Hours		Credits
		Per Semester	Per week	
BTE 601	Environmental Biotechnology	45	03	02
BTE 602	Bioinformatics and Biostatistics	45	03	02
BTE 603	Laboratory-VI	60	03	02
Total Credits for Semester VI				08
Total Credits				48