

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY (BPUT)
ORISSA
Biotechnology Engineering

3rd Semester					4th Semester				
Theory Code	Subject	Contact Hours		Credit	Theory Code	Subject	Contact Hours		Credit
		L	T-P				L	T-P	
	Mathematics - III	3	1-0	4		Cell Biology & Genetics	3	0-0	4
	Physics II / Physics of Semiconductor Devices	3	0-0	3		Chemistry II / Material Sciences	3	0-0	3
	Object Oriented Prog using C++	3	1-0	3		Relational Database Management System	3	0-0	3
	Engg. Economics & Costing OR Organisational Behavior	3	0-0	3		Organisational Behavior OR Engg. Economics & Costing	3	0-0	3
	Fluid Mechanics & Machines	3	0-0	3		Micro Biology	3	1-0	4
	Biochemistry	3	0-0	3		Molecular Biology	3	1-0	3
	Theory Credits			19		Theory Credits			20
	Practical/ Sessional					Practical/ Sessional			
	COMMUNICATION AND INTERPERSONAL SKILLS FOR CORPORATE READINESS	0	0-3	2		Relational Database Management System Lab.	0	0-3	2
	Object Oriented Programming	1	0-3	2		Cell & Molecular Biology Lab	0	0-3	2
	Biochemistry Lab	0	0-3	2		Microbiology Lab	0	0-3	2
	Mechanical Engg. Lab	0	0-3	2					
	Practical/ Sessional Credits			8		Practical/ Sessional Credits			6
TOTAL SEMESTER CREDITS				27	TOTAL SEMESTER CREDITS				26