

REVISED SCHEME OF STUDIES FOR A FOUR-YEAR B.E. DEGREE COURSE IN BIO-TECHNOLOGY

**I & II SEMESTERS SUBJECTS ARE COMMON TO ALL THE BRANCHES IN ENGINEERING
(AS PER THE VTU REGULATIONS)**

III SEMESTER B. E. BIO-TECHNOLOGY W.E.F. SEPTEMBER 2011

Sl. No.	Subject Code	Title	Teaching Dept.	Teaching (Theory / lab) (Hrs/Week)	Examination Scheme (Max. Marks)		
					Theory / Practical	I A	Total
1	10MAT-31	Mathematics – III	Maths	04	100	25	125
2	10BT-32	Introduction to Unit Operations	BT/ChE	04	100	25	125
3	10BT-33	Human Physiology	BT	04	100	25	125
4	10BT-34	Biochemistry	BT	04	100	25	125
5	10BT-35	Microbiology	BT	04	100	25	125
6	10BT-36	Cell Biology & Genetics	BT	04	100	25	125
7	10BTL-37	Biochemistry Lab	BT	03	50	25	75
8	10BTL-38	Unit Operations Lab	BT/ChE/ME	03	50	25	75

IV SEMESTER B. E. BIO-TECHNOLOGY

Sl. No.	Subject Code	Title	Teaching Dept.	Teaching (Theory / lab) (Hrs/Week)	Examination Scheme (Max. Marks)		
					Theory/ Practical	I A	Total
1	10BT-41	Biostatistics and Biomodeling	BT	04	100	25	125
2	10BT-42	Biochemical Thermodynamics	BT/ChE/ME	04	100	25	125
3	10BT-43	Structural Biology	BT	04	100	25	125
4	10BT-44	Molecular Biology	BT	04	100	25	125
5	10BT-45	Basics of Computer Applications	BT/CSE/ISE/MCA	04	100	25	125
6	10BT-46	Bioprocess Principles & Calculations	BT/ChE	04	100	25	125
7	10BTL-47	Cell & Molecular Biology Lab	BT	03	50	25	75
8	10BTL-48	Microbiology Lab	BT	03	50	25	75