VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
CHOICE BASED CREDIT SYSTEM (CBCS)
SCHEME OF TEACHING AND EXAMINATION 2015-2016

B.E.-BIOTECHNOLOGY

III SEMESTER

Sl No.	Subject Code	Title	Teaching Dept.	Teaching Hours/Week		Examination				Credits
				Theory	Practical/ Drawing	Duration	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	15MAT-31	Mathematics-III	Mathematics	04		03	20	80	100	4
2	15BT-32	Unit Operations	BT/CHE	04		03	20	80	100	4
3	15BT-33	Biochemistry	BT	04		03	20	80	100	4
4	15BT-34	Microbiology	BT	04		03	20	80	100	4
5	15BT-35	Cell Biology and Genetics	BT	04		03	20	80	100	4
6	15BT-36	Basics of Computer Applications	BT/CSE/ISE/ MCA	04		03	20	80	100	4
7	15BTL-37	Unit Operations Lab	BT/CHE/ME		2L+1I	03	20	80	100	2
8	15BTL-38	Microbiology Lab	BT		2L+1I	03	20	80	100	2
		TOTAL		**24**	**06**	**24**	**160**	**640**	**800**	**28**

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IV SEMESTER

Sl No.	Subject Code	Title	Teaching Dept.	Teaching Hours/Week		Examination				Credits
				Theory	Practical/ Drawing	Duration	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	15BT-41	Biostatistics and Biomodeling	Mathematics/ BT	04		03	20	80	100	4
2	15BT-42	Biochemical Thermodynamics	BT/CHE/ME	04		03	20	80	100	4
3	15BT-43	Molecular Biology	BT	04		03	20	80	100	4
4	15BT-44	Bioprocess Principles and Calculations	BT/CHE	04		03	20	80	100	4
5	15BT-45	Structural Biology	BT	04		03	20	80	100	4
6	15BT-46	Clinical Biochemistry	BT	04		03	20	80	100	4
7	15BTL-47	Cell and Molecular Biology Lab	BT		2L+1I	03	20	80	100	2
8	15BTL-48	Clinical Biochemistry Lab	BT		2L+1I	03	20	80	100	2
		TOTAL		**24**	**06**	**24**	**160**	**640**	**800**	**28**