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

B.E. Biomedical Engineering

III SEMESTER

Sl. No	Subject Code	Title	Teaching Dept.	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Drawing	Duration	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15MAT31	Engineering Mathematics-III	Mathematics	04	-	03	80	20	100	4
2	15BM32	Electronic Instrumentation and Measurements	BM	04	-	03	80	20	100	4
3	15BM33	Analog Electronic Circuits	BM	04	-	03	80	20	100	4
4	15BM34	Digital Design and HDL	BM	04	-	03	80	20	100	4
5	15BM35	Human Anatomy and Physiology	BM	04	-	03	80	20	100	4
6	15BM36	Network Analysis *	BM	04	-	03	80	20	100	4
7	15BML37	Analog Electronic Circuits Lab	BM	-	1I+2P	03	80	20	100	2
8	15BML38	Digital Design and HDL Lab	BM	-	1I+2P	03	80	20	100	2
		TOTAL		**24**	**6**	**24**	**640**	**160**	**800**	**28**

1. Core Subject: This is the course which is compulsorily need to be studied by the student as a core requirement to complete the requirement of a programme in a said discipline of study.

2. FoundationCourse * : The courses based upon the content that leads to Knowledge enhancement.

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IV SEMESTER

Sl. No	Subject Code	Title	Teaching Dept.	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Drawing	Duration	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15MAT41	Engineering Mathematics-IV	Mathematics	04	-	03	80	20	100	4
2	15BM42	Signal Conditioning and Data Acquisition Circuits	BM	04	-	03	80	20	100	4
3	15BM43	Embedded Controllers	BM	04	-	03	80	20	100	4
4	15BM44	Control Systems	BM	04	-	03	80	20	100	4
5	15BM45	Biomedical Transducers and Measurements	BM	04	-	03	80	20	100	4
6	15BM46	Scientific and Analytical Instrumentation *	BM	04	-	03	80	20	100	4
7	15BML47	Embedded Controllers Lab	BM	-	1I+2P	03	80	20	100	2
8	15BML48	Biomedical Transducers and Measurements Lab	BM	-	1I+2P	03	80	20	100	2
		TOTAL		**24**	**06**	**24**	**640**	**160**	**800**	**28**

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