

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

B.E. Medical Electronics

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	15ML32	Electronic Instrumentation and Measurements	ML	04	-	03	80	20	100	4
3	15ML33	Analog Electronic Circuits	ML	04	-	03	80	20	100	4
4	15ML34	Digital Design and HDL	ML	04	-	03	80	20	100	4
5	15ML35	Human Anatomy and Physiology	ML	04	-	03	80	20	100	4
6	15ML36	Network Analysis *	ML	04	-	03	80	20	100	4
7	15MLL37	Analog Electronic Circuits Lab	ML	-	1I+2P	03	80	20	100	2
8	15MLL38	Digital Design and HDL Lab	ML	-	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. Foundation Course * : 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	15ML42	Signal Conditioning and Data Acquisition Circuits	ML	04	-	03	80	20	100	4
3	15ML43	Embedded Controllers	ML	04	-	03	80	20	100	4
4	15ML44	Signal and Systems	ML	04	-	03	80	20	100	4
5	15ML45	Biomedical Instrumentation	ML	04	-	03	80	20	100	4
6	15ML46	Scientific and Analytical Instrumentation *	ML	04	-	03	80	20	100	4
7	15MLL47	Embedded Controllers Lab	ML	-	1I+2P	03	80	20	100	2
8	15MLL48	Physiological Measurements & Biomedical Instrumentation Lab	ML	-	1I+2P	03	80	20	100	2
TOTAL				24	06	24	640	160	800	28

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