

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

B.E. Mechatronics Engineering III Semester

**III SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours /Week			Examination				Credits
			Theory	Tutorial	Practical/ Drawing	Duration	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15MAT31	Engineering Mathematics – III	04			03	80	20	100	4
2	15MT32	Material Science& Technology	04			03	80	20	100	4
3	15MT33	Mechanics of Materials	03	02		03	80	20	100	4
4	15MT34	Control System	03	02		03	80	20	100	4
5	15MT35	Analog and Digital Electronics	04			03	80	20	100	4
6	15MT36	Computer Organization	04			03	80	20	100	4
7	15MTL37	Mechanical Lab – I	1		2	03	80	20	100	2
8	15MTL38	Analog And Digital Electronics Lab	1		2	03	80	20	100	2
<b>TOTAL</b>			<b>24</b>	<b>04</b>	<b>4</b>	<b>24</b>	<b>640</b>	<b>160</b>	<b>800</b>	<b>28</b>

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

B.E.Mechatronics Engineering IV Semester

**IV SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours /Week			Examination				Credits
			Theory	Tutorial	Practical/ Drawing	Duration	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15MAT 41	Engineering Mathematics – IV	04			03	80	20	100	4
2	15MT 42	Fluid Mechanics and Machines	03	02		03	80	20	100	4
3	15MT43	Micro Controller	03	02		03	80	20	100	4
4	15MT 44	Manufacturing Technology	04			03	80	20	100	4
5	15MT45	Theory of Machines	03	02		03	80	20	100	4
6	15MT46	Instrumentation and Measurement	04			03	80	20	100	4
7	15MTL47	Mechanical Lab – II	01		02	03	80	20	100	2
8	15MTL48	Micro Controller Lab	01		02	03	80	20	100	2
<b>TOTAL</b>			<b>23</b>	<b>06</b>	<b>04</b>	<b>24</b>	<b>06</b>	<b>160</b>	<b>800</b>	<b>28</b>