

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

Industrial Engineering and Management

B.E. \_\_\_\_\_

(Common to \_\_\_IEM/IPE\_\_\_\_\_) )

**III SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination			Credits	
			Theory	Practical/ Drawing	Duration	Theory/ Practical Marks	I.A. Marks		Total Marks
1	15MAT31	(Engineering Mathematics – III)	04		03	80	20	100	4
2	15IM/IP32	Fluid Mechanics	04		03	80	20	100	4
3	15IM/I[P33	Basic Thermodynamics	04		03	80	20	100	4
4	15IM/IP34	Mechanical Measurement and Metrology	04		03	80	20	100	4
5	15IM/IP35	Mechanics of Materials	04		03	80	20	100	4
6	15IM/IP36	Manufacturing Process I	04		03	80	20	100	4
7	15IML/IPL 37A/37B	Foundry and Forging Lab /Machine Shop		1I+2P	03	80	20	100	2
8	15IML/IPL 38A/38B	METALLOGRAPHY AND MATERIAL TESTING LAB / MECHANICAL MEASUREMENTS AND METROLOGY LAB		1I+2P	03	80	20	100	2
<b>TOTAL</b>			<b>24</b>	<b>6</b>	<b>24</b>	<b>640</b>	<b>160</b>	<b>800</b>	<b>28</b>

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

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

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

B.E. \_\_\_ Industrial Engineering and Management

(Common to \_\_\_ IEM/IPE \_\_\_\_\_)

**IV SEMESTER**

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination				Credits
			Theory	Practical / Drawing	Duration	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15MAT 41	Core Subject (Engineering Mathematics – IV)	04		03	80	20	100	4
2	15IM/IP 42	Computer Aided Machine Drawing	04		03	80	20	100	4
3	15IM/IP43	Kinematics of Machines	04		03	80	20	100	4
4	15IM/IP 44	Manufacturing Process II	04		03	80	20	100	4
5	15IM/IP45	Material Science and Metallurgy	04		03	80	20	100	4
6	15IM/IP46	CAD/CAM	04		03	80	20	100	4
7	15IML/IPL47 A/47B	FOUNDRY & FORGING LAB/MACHINE SHOP		1I+2P	03	80	20	100	2
8	15IML/IPL48 A/47B	METALLOGRAPHY AND MATERIAL TESTING LAB / MECHANICAL MEASUREMENTS AND METROLOGY LAB		1I+2P	03	80	20	100	2
<b>TOTAL</b>			<b>24</b>	<b>06</b>	<b>24</b>	<b>640</b>	<b>160</b>	<b>800</b>	<b>28</b>

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

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

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