

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

**III SEM.**

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination				Credits
			Theory	Pract. / Drg.	Duration Hrs	Theory/ Practical Marks	I.A. Marks	Total Marks	
1	15MAT31	Engineering Mathematics III [Comm.]	04	--	03	80	20	100	4
2	15CH32	Momentum Transfer [ D. C] [Comm. To CH & PC]	04	--	03	80	20	100	4
3	15CH33	Chemical Process Calculations [D.C] [Comm. To CH & PC]	04	--	03	80	20	100	4
4	15CH34	Mechanical Operations [D.C]	04	--	03	80	20	100	4
5	15CH35	Chemical Technology-I [D.C.]	04	--	03	80	20	100	4
6	15CH36	Technical Chemistry [F.C]	04	--	03	80	20	100	4
7	15CHL37	Momentum Transfer Lab	--	1I+2P	03	80	20	100	2
8	15CHL38	Technical Chemistry 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>

**NOTE:** Comm. - Common to all Branches, D.C - Departmental Core, F.C- Foundation Course

- 1. Departmental Core [D.C.]:** 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.
- 2. Foundation Course [F.C.]:** Which gives the fundamental knowledge about the discipline.
- 3.** For all laboratories one hour instruction (I) and two laboratory hours practical (P).

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B.E. CHEMICAL ENGINEERING**

**IV SEM.**

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination				Credits
			Theory	Practical/ Drawing	Duration Hrs	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	15MAT41	Engineering Mathematics IV [Comm.]	04	--	03	20	80	100	4
2	15CH42	Process Heat Transfer [ D. C] [Comm. To CH & PC]	04	--	03	20	80	100	4
3	15CH43	Chemical Engg Thermodynamics [ D. C] [Comm. To CH & PC]	04	--	03	20	80	100	4
4	15CH44	Materials Science [D.C]	04	--	03	20	80	100	4
5	15CH45	Chemical Technology-II [D.C.]	04	--	03	20	80	100	4
6	15CH46	Instrumental Analysis [F.C]	04	--	03	20	80	100	4
7	15CHL47	Chemical Engg. Drawing Lab	--	1I+2P	03	20	80	100	2
8	15CHL48	Mechanical Operations Lab	--	1I+2P	03	20	80	100	2
<b>TOTAL</b>			<b>24</b>	<b>06</b>	<b>24</b>	<b>160</b>	<b>640</b>	<b>800</b>	<b>28</b>

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