

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

III SEM.

Sl. No	Subject Code	Course Title	Teaching Hours /Week		Examination				Credits
			Theory	Practical/ Drawing	Duration Hrs	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	15MAT31	Engineering Mathematics III [Comm.]	04	--	03	20	80	100	4
2	15CH32	Momentum Transfer [D.C] [Comm. To CH & PC]	04	--	03	20	80	100	4
3	15CH33	Chemical Process Calculations [D. C] [Comm. To CH & PC]	04	--	03	20	80	100	4
4	15PC34	Instrumental Methods of Chemical Analysis [D.C]	04	--	03	20	80	100	4
5	15PC35	Introduction to Petrochemical Engineering [D.C]	04	--	03	20	80	100	4
6	15PC36	Fundamentals of Petroleum Geology [FC]	04	--	03	20	80	100	4
7	15CHL37	Momentum Transfer Lab	--	1I+2P	03	20	80	100	2
8	15PCL38	Petroleum Testing Lab	--	1I+2P	03	20	80	100	2
TOTAL			24	06	24	160	640	800	28

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 laboratory classes one instruction class (I) and two laboratory hours.**

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IV SEM:

Sl. No	Subject Code	Course 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	15PC44	Technology of intermediate Petrochemicals [D. C]	04	--	03	20	80	100	4
5	15PC45	Petroleum Refinery Engineering [D.C]	04	--	03	20	80	100	4
6	15PC46	Renewable Energy Resources & Systems [FC]	04	--	03	20	80	100	4
7	15PCL47	Petrochemical Engg. Drawing Lab	--	1I+2P	03	20	80	100	2
8	15PCL48	Heat Transfer Lab	--	1I+2P	03	20	80	100	2
TOTAL			24	06	24	160	640	800	28

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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).

