



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Chemical Engineering

Semester – 3

Scheme of Studies :

S.No.	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Chemical Engineering	2019351(019)	Fundamental of Chemical Engineering	3	-	1	4
2	Chemical Engineering	2019352(019)	Industrial Stoichiometry	2	-	1	3
3	Chemical Engineering	2019353(019)	Inorganic Process Technology	2	-	1	3
4	Chemical Engineering	2019354(019)	Material Science for Chemical Engineering	2	-	1	3
5	Chemical Engineering	2019355(019)	Applied Chemistry for Chemical Engineering	3	-	1	4
6	Chemical Engineering	2019361(019)	Fundamental of Chemical Engineering (Lab)	-	2	-	1
7	Chemical Engineering	2019362(019)	Inorganic Process Technology (Lab)	-	2	-	1
8	Chemical Engineering	2019363(019)	Material Science for Chemical Engineering (Lab)	-	2	-	1
9	Chemical Engineering	2019364(019)	Applied Chemistry for Chemical Engineering (Lab)	-	2	-	1
10	-	-	Non Credit Subject (NSS/Sports/Yoga/Library Activities)	-	11	-	-
Total				12	19	05	21

L- Lecture,

T- Tutorial,

P- Practical,

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e Lecture and others.)

Practical (P)→Laboratory Instruction (Includes practical performances inLaboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL)



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Scheme of Examination :

S. No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Chemical Engineering	2019351(019)	Fundamental of Chemical Engineering	70	20	30	-	-	120
2	Chemical Engineering	2019352(019)	Industrial Stoichiometry	70	20	30	-	-	120
3	Chemical Engineering	2019353(019)	Inorganic Process Technology	70	20	30	-	-	120
4	Chemical Engineering	2019354(019)	Material Science for Chemical Engineering	70	20	30	-	-	120
5	Chemical Engineering	2019355(019)	Applied Chemistry for Chemical Engineering	70	20	30	-	-	120
6	Chemical Engineering	2019361(019)	Fundamental of Chemical Engineering (Lab)	-	-	-	60	40	100
7	Chemical Engineering	2019362(019)	Inorganic Process Technology (Lab)	-	-	-	60	40	100
8	Chemical Engineering	2019363(019)	Material Science for Chemical Engineering (Lab)	-	-	-	60	40	100
9	Chemical Engineering	2019364(019)	Applied Chemistry for Chemical Engineering (Lab)	-	-	-	60	40	100
Total				350	100	150	240	160	1000

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Chemical Engineering

Semester – 4

Scheme of Studies :

S. No.	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Chemical Engineering	2000451(019)	Mechanical Operations in Chemical Engineering	3	-	1	4
2	Chemical Engineering	2000452(019)	Fluid Flow Operation	3	-	1	4
3	Chemical Engineering	2000453(019)	Organic Process Technology	2	-	1	3
4	Mechanical Engineering	2000457(037)	Entrepreneurship Development & Management	2	-	1	3
5	Chemical Engineering	2000454(019)	Utilities and Renewable Energy	2	-	1	3
6	Chemical Engineering	2000461(019)	Mechanical Operations in Chemical Engineering (Lab)	-	2	-	1
7	Chemical Engineering	2000462(019)	Fluid Flow Operation (Lab)	-	2	-	1
8	Chemical Engineering	2000463(019)	Organic Process Technology (Lab)	-	2	-	1
9	Chemical Engineering	2000464(019)	Utilities and Renewable Energy (Lab)	-	2	-	1
10	-	-	Non Credit Subject (NSS/Sports/Yoga/Library Activities)	-	11	-	-
Total				12	19	05	21

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T- Tutorial,

P- Practical,

Lecture (L) → CL Classroom Instruction (Includes different instructional Strategies i.e Lecture and others.)

Practical (P) → Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T) → Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL)



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Chemical Engineering

Semester – 4

Scheme of Examination :

S. No.	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Chemical Engineering	2000451(019)	Mechanical Operations in Chemical Engineering	70	20	30	-	-	120
2	Chemical Engineering	2000452(019)	Fluid Flow Operation	70	20	30	-	-	120
3	Chemical Engineering	2000453(019)	Organic Process Technology	70	20	30	-	-	120
4	Mechanical Engineering	2000457(037)	Entrepreneurship Development & Management	70	20	30	-	-	120
5	Chemical Engineering	2000454(019)	Utilities and Renewable Energy	70	20	30	-	-	120
6	Chemical Engineering	2000461(019)	Mechanical Operations in Chemical Engineering (Lab)	-	-	-	60	40	100
7	Chemical Engineering	2000462(019)	Fluid Flow Operation (Lab)	-	-	-	60	40	100
8	Chemical Engineering	2000463(019)	Organic Process Technology (Lab)	-	-	-	60	40	100
9	Chemical Engineering	2000464(019)	Utilities and Renewable Energy (Lab)	-	-	-	60	40	100
Total				350	100	150	240	160	1000

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment