



Veermata Jijabai Technological Institute (V.J.T.I)
(Central Technological Institute, Maharashtra State, INDIA)

H. R. Mahajani Marg, Matunga, Mumbai 400019
Tel.No. +91 22 24198101-02 Fax: +91 22 24102874
Website: www.vjti.ac.in

Programme: Diploma in CHEMICAL ENGINEERING (DCHE)

Semester: V

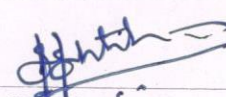
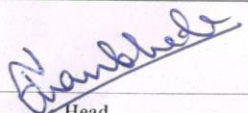
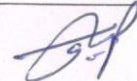
Implemented from: 2017

COURSE CODE	COURSE	GR	TEACHING SCHEME (HRS/WK)				EXAMINATION SCHEME												
			L	T	P	CR	PAPER HRS	TH		IST	TOTAL		PR		OR		TW		TOTAL MARKS
								Max	Min		Max	Min	Max	Min	Max	Min			
175CH51	Industrial Training (6 weeks in summer break after 4 sem)	A	-	-	6 [#]	6 [#]	-	-	-	-	-	-	-	-	75*	30	75	30	150
175CH52	ENVIRONMENT POLLUTION AND CONTROL	A	4	-	3	7	3	80	32	20	100	40	25*	10	-	-	25	10	150
175CH53	CHEMICAL PLANT SAFETY AND LOSS PREVENTION	A	4	-	-	4	3	80	32	20	100	40	-	-	-	-	50	20	150
175CH54	HEAT TRANSFER	C	4	2	3	9	3	80	32	20	100	40	50*	20	-	-	50	20	200
175CH55	INSTRUMENTATION AND PROCESS CONTROL	C	3	-	2	5	3	80	32	20	100	40	25*	10	-	-	25	10	150
175CH56	ELECTIVE (ANY ONE)	A	3	-	-	3	3	80	32	20	100	40	-	-	-	-	-	-	100
175CH57	PROJECT-I	A	-	-	3	3	-	-	-	-	-	-	-	-	50*	20	50	20	100
	TOTAL		18	2	11	31	-	400	-	100	500	-	100	-	125	-	275	-	1000

Abbreviations: B – Basic; C – Core; A – Applied; M – Management; L – Theory Lecture; T – Tutorial; P – Practical; TH – Theory Paper; IST – In-Semester Tests (02); PR – Practical Exam; OR – Oral Exam; TW – Term Work.

* Indicates assessment by External Examiner

([#]): Evaluation of industrial training and its reports will be done in 5th semester and the credits for same will be included in 5th semester mark sheet. The teaching load assigned to a faculty member for guiding students in preparation of training report and its evaluation for a batch of students (equivalent to practical batch size) would be 1 hour/week in 5th semester.

 Curriculum Coordinator	 Head	 Dean - Diploma
Diploma in CHEMICAL ENGINEERING (DCHE)		

SEM V, DCHE, VJTI





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LIST OF ELECTIVE SUBJECTS

SR NO	SUBJECT
1	Membrane Technology
2	Renewable Energy Technologies
3	Industrial Management (Finance aspect)
4	Numerical Methods in Chemical Engineering
5	Fertilizer Technology
6	Biochemical Technology

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Dean (Diploma)

