



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 Mechanical Engineering (DME)

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			
174ME51	Industrial Training (6 weeks in summer break after 4 sem)	A	-	-	6 [#]	6 [#]	-	-	-	-	-	-	-	-	75	30	75	30	150
174ME52	Theory of Machines	C	4	0	2	6	3	80	32	20	100	40	-	-	25	10	25	10	150
174ME53	Thermal Power Engineering	A	3	0	2	5	3	80	32	20	100	40	25	10	-	-	25	10	150
174ME54	Adv. Mfg. Practices	A	3	0	0	3	3	80	32	20	100	40	-	-	25	10	25	10	150
174ME55	Industrial Fluid Power	A	3	0	2	5	3	80	32	20	100	40	-	-	25	10	25	10	150
\$	Elective – I (Any One)	A	3	0	2	5	3	80	32	20	100	40	-	-	25	10	25	10	150
174ME56	Computer Programming in C++	A	1	0	2	3	-	-	-	-	-	-	25	10	-	-	25	10	50
174ME57	Development of Professional skills	M	1	0	2	3									25	10	25	10	50
174ME58	PROJECT - I	A	-	-	3	3	-	-	-	-	-	-	-	-	50	20	50	20	100
	TOTAL		18	0	15	33	-	400	-	100	500	-	50	-	250	-	300	-	1100

Abbreviations: B – Basic; C – Core; A – Applied; M – Management; L – Theory Lecture; T – Tutorial; P – Practical; TH – Theory Paper; IST – In-Semester Test; PR – Practical Exam; OR – Oral Exam; TW- Term Work; GR – Grade; CR – Credits *Assessment by Internal and External Examiners

([#]): 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.

Mhawan
Curriculum Coordinator

Kete
Head
Diploma in Mechanical Engineering



S.S.
Dean - Diploma

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\$ List of Electives for V and VI Semester

Sr. No.	Course Code	Course Name
1	174MEE1	Alternate Energy Systems
2	174MEE2	Robotics and Automation
3	174MEE3	Tool Engineering
4	174MEE4	CAD / CAM
5	174MEE5	Material Handling Systems
6	174MEE6	Mechatronics
7	174MEE7	Power Plant Engineering
8	174MEE8	Automobile Engineering
9	174MEE9	Advanced Mathematics
10	174MEE10	Piping Engineering


Curriculum Coordinator


Head


Dean - Diploma

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