



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 Electrical Engineering (DEE)

Semester: V

Implemented from: 2017-18

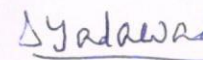
COURSE CODE	COURSE	GR	TEACHING SCHEME (HRS/WK)				EXAMINATION SCHEME												
			L	T	P	CR	PAPER HRS	TH		IST	TOTAL		PR		OR		TW		TOTAL MARKS
								Max	Min		Max	Min	Max	Min	Max	Min			
172EE51	Industrial Training(6 weeks in summer break after 4 sem)	A			6#														
172EE52	Power System II	C	3	2		5	3	80	32	20	100	40			75**	30	75@	30	150
172EE53	Electrical Machines II	C	3		3	6	3	80	32	20	100	40			25**	10	25@	10	150
172EE54	Microprocessor and Microcontroller	C	3		3	6	3	80	32	20	100	40	25**	10			25@	10	150
172EE55	Control System	C	3		2	5		80	32	20	100	40	25**	10			25@	10	150
\$	Elective (Any one)		3		2	5	3	80	32	20	100	40	25**	10			25@	10	150
172EE57	Project (Mini Project)	A			3	3									25**	10	25@	10	150
172EE58	Interview Preparation & Aptitude Test	B			2	2									50**	20	50@	20	100
TOTAL			15	2	21	32		400		100	500		75		175		250		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.

*:- Assessment by Internal Examiner **:- Assessment by External And Internal Examiner @ : -TW assessment by Internal .

#:- 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 
Diploma in Electrical Engineering


Dean - Diploma

DEE,



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§ List of Electives V and VI Semester

Sr. No.	Course Code	Course Name
1	172EE56E1	PLC /SCADA
2	172EE56E2	Power System Analysis
3	172EE56E3	High Voltage Engineering
4	172EE56E4	Renewable Energy
5	172EE56E5	Solar Photovoltaic Technology And Wind Electrical Systems
6	172EE64E1	Illumination Engineering
7	172EE64E2	Energy Conservation and audit
8	172EE64E3	Smart Grid
9	172EE64E4	Substation Practices

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