



## 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](http://www.vjti.ac.in)

Programme: Diploma in Electrical Engineering (DEE)

Semester: VI

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	Max	Min	
172EE61	Switchgear & Protection	C	3		3	6	3	80	32	20	100	40			25**	10	25@	10	150
172EE62	Power Electronics & Drives	C	3		3	6	3	80	32	20	100	40	25**	10			25@	10	150
172EE63	Estimation & Costing	C	3		3	6	3	80	32	20	100	40	25**	10			25@	10	150
\$	<b>Elective :</b>		3		2	5	3	80	32	20	100	40			25**	10	25@	10	150
172EE65	Management Principles	M	3			3	3	80	32	20	100	40					25@	10	125
172EE66	Project (Major project)	A			6	6									50**	20	100@	40	150
172EE67	New trends in Industries	A	2			2											25@	10	25
	<b>TOTAL</b>		<b>17</b>	<b>0</b>	<b>17</b>	<b>34</b>		<b>400</b>		<b>100</b>	<b>500</b>		<b>50</b>		<b>100</b>		<b>250</b>		<b>900</b>

**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 .

Curriculum Coordinator

Head

Diploma in Electrical Engineering

Dean - Diploma



DEE,

VJTI



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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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