



**VeermataJijabai Technological Institute (V.J.T.I)**  
 (Central Technological Institute, Maharashtra State, INDIA)  
 H. R. Mahajani Marg, Matunga, Mumbai 400019  
 Tel.No. +912224198101-02 Fax: +91 2224102874  
 Website: www.vjti.ac.in

Programme: Diploma in Electronics Engineering (DEInE)

Semester: VI

Implemented from: 2017

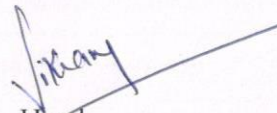
COURSE CODE	COURSE	G R	TEACHING SCHEME (HRS/WK)				EXAMINATION SCHEME												
			L	T	P	C R	PAPER HRS	TH		IST	TOTAL		PR		OR		TW		TOTAL MARKS
								Max	Min		Max	Min	Max	Min	Max	Min			
173EX61	Industrial Electronics	C	3	-	3	6	3	80	32	20	100	40	-	-	25**	10	25@	10	150
173EX62	Advance Communication System	C	3	-	2	5	3	80	32	20	100	40	-	-	25**	10	25@	10	150
173EX63	Embedded System	C	3	-	3	6	3	80	32	20	100	40	25**	10	-	-	25@	10	150
##	<b>Elective (any one)</b>	A	3	-	2	5	3	80	32	20	100	40	-	-	25**	10	25@	10	150
173EX65	Management Principles	M	3	2	-	5	3	80	32	20	100	40	-	-	-	-	25@	10	125
173EX66	Institute Industry Interaction	A	2	-	-	2	-	-	-	-	-	-	-	-	-	-	25@	10	25
173EX67	Project II	A	-	-	6	6	-	-	-	-	-	-	-	-	50**	20	100@	40	150
<b>TOTAL</b>			<b>16</b>	<b>2</b>	<b>16</b>	<b>35</b>		<b>320</b>		<b>80</b>	<b>400</b>		<b>25</b>		<b>125</b>		<b>250</b>		<b>900</b>

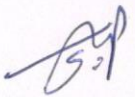
Abbreviations: B – Basic; C – Core; A – Applied; M – Management; L – Theory Lecture; T – Tutorial; P – Practical; TH – Theory Paper; IST – In-Semester Tests (02); PR – Practical Exam; OR – Oral Exam; TW- Term Work.

\* assessment by Internal Examiner \*\* assessment by External Examiner @ : TW assessment by Internal Examiner \$ : Project Report ##list of electives for Semester V and VI

  
Curriculum Coordinator



  
Head  
Diploma in Electronics Engg

  
Dean -Diploma



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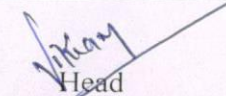
Implemented from:2017

**## List of Elective Subjects for Semester V and VI**

Sr. No.	Course code	Course Name
1	173EX56E1	PLC /SCADA
2	173EX56E2	Smart Grid Communication
3	173EX56fE3	Biomedical Instrumentation
4	173EX56E4	Very Large Scale Integration(VLSI)
5	173EX56E5	Internet of Things(IoT)
6	173EX64E1	Mobile Communication
7	173EX64E2	Electronics Circuit Design
8	173EX64E3	Signals and Systems
9	173EX64E4	Image processing and Neural networks
10	173EX64E5	Software Skill

  
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