

**Maharashtra State Board Of Technical Education, Mumbai**

**Learning and Assessment Scheme for Post S.S.C Diploma Courses**

<b>Programme Name</b>	<b>: Diploma In Electronics &amp; Tele-communication Engg.</b>																				
<b>Programme Code</b>	<b>: EJ</b>									<b>With Effect From Academic Year</b>	<b>: 2023-24</b>										
<b>Duration Of Programme</b>	<b>: 6 Semester</b>									<b>Duration</b>	<b>: 16 WEEKS</b>										
<b>Semester</b>	<b>: Sixth</b>									<b>NCrF Entry Level : 4.0</b>	<b>Scheme</b>	<b>: K</b>									

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Paper Duration (hrs.)	Assessment Scheme										Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Theory			Based on LL & TL				Based on Self Learning						
						CL	TL	LL			FA-TH			SA-TH	Total	Practical		SLA						
																FA-PR	SA-PR	Max	Min	Max	Min			

<b>(All Compulsory)</b>																							
1	MANAGEMENT	MAN	AEC	315301	1	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
2	EMERGING TRENDS IN ELECTRONICS	ETE	DSC	316337	-	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
3	OPTICAL NETWORK AND SATELLITE COMMUNICATION	ONS	DSC	316332	-	4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175
4	COMPUTER NETWORK & DATA COMMUNICATION	CND	DSC	316338	-	4	-	4	2	10	5	3	30	70	100	40	25	10	-	-	25	10	150
5	CAPSTONE PROJECT	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	-	50	20	50#	20	50	20	150

<b>other (Any - One)</b>																							
6	AUTOMATION & PLC	ATP	DSE	316334	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
	DRONE TECHNOLOGY	DRT	DSE	316335	2	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
	VLSI APPLICATIONS	VLS	DSE	316340	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
<b>Total</b>					<b>3</b>	<b>18</b>		<b>12</b>	<b>10</b>		<b>20</b>		<b>150</b>	<b>350</b>	<b>500</b>		<b>125</b>		<b>100</b>		<b>175</b>		<b>900</b>

**Abbreviations :** CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment, SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

**Legends :** @ Internal Assessment, # External Assessment, \*# On Line Examination , @\$ Internal Online Examination

**Note :**

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.\* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. \* Self learning hours shall not be reflected in the Time Table.
7. \* Self learning includes micro project / assignment / other activities.

**Course Category :** Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , Ability Enhancement Course (AEC) , Skill Enhancement Course (SEC) , Generic Elective (GE)