

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

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

<b>Programme Name</b>	: Diploma In Civil Engineering / Civil & Rural Engineering / Construction Technology / Civil & Environmental Engineering																										
<b>Programme Code</b>	: CE / CR / CS / LE						<b>With Effect From Academic Year</b>						: 2023-24														
<b>Duration Of Programme</b>	: 6 Semester						<b>Duration</b>						: 12 Weeks (Industry) + 10 Weeks (Institute)														
<b>Semester</b>	: Fifth						<b>NCrF Entry Level : 4.0</b>						<b>Scheme</b>						: K								

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Assessment Scheme											Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week	Paper Duration (hrs.)		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			
						Max	Max	Max	Min	Max	Min		Max	Min	Max	Min								
<b>(All Compulsory)</b>																								
1	THEORY OF STRUCTURE	TOS	DSC	315313	-	6	-	-	3	9	3	4	30	70	100	40	-	-	-	-	25	10	125	
2	WATER RESOURCE ENGINEERING	WRE	DSC	315314	1	4	-	2	-	6	2	3	30	70	100	40	50	20	25@	10	-	-	175	
3	EMERGING TRENDS IN CIVIL ENGINEERING	ETC	DSC	315315	-	3	-	-	-	3	1	1.5	30	70*#	100	40	-	-	-	-	-	-	100	
4	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	ENDS	AEC	315002	-	1	-	2	-	3	1	-	-	-	-	-	50	20	25@	10	-	-	75	
5	SEMINAR AND PROJECT INITIATION COURSE	SPI	AEC	315003	-	-	-	1	2	3	1	-	-	-	-	-	25	10	25@	10	25	10	75	
6	INTERNSHIP(12 WEEKS)	ITR	INP	315004	-	-	-	-	-	36 - 40	10	-	-	-	-	-	100	40	100#	40	-	-	200	
<b>ELECTIVE COURSE- I (Any - One )</b>																								
7	ENERGY CONSERVATION & GREEN BUILDING	ECG	DSE	315316	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150	
	PRECAST & PRESTRESSED CONCRETE STRUCTURES	PPC	DSE	315317	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150	
	ROAD TRAFFIC ENGINEERING	TEN	DSE	315318	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150	
<b>Total</b>					<b>1</b>	<b>18</b>		<b>7</b>	<b>5</b>		<b>20</b>		<b>120</b>	<b>280</b>	<b>400</b>		<b>250</b>		<b>200</b>		<b>50</b>		<b>900</b>	

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						CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA				
																FA-PR	SA-PR	Max	Min	Max	Min	
Max	Max	Max	Min	Max	Min	Max	Min	Max	Min													
<p><b>Abbreviations :</b> CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment</p> <p><b>Legends :</b> @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination</p> <p><b>Note :</b></p> <ol style="list-style-type: none"> <li>1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.</li> <li>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.</li> <li>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.</li> <li>4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 10 Weeks</li> <li>5. 1 credit is equivalent to 30 Notional hrs.</li> <li>6. * Self learning hours shall not be reflected in the Time Table.</li> <li>7. * Self learning includes micro project / assignment / other activities. <b>Note:</b> Notional learning hours for <b>internship represents the student engagement hours.</b></li> </ol> <p><b>Course Category :</b> Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)</p>																						