

**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 Computer Engineering</b>																								
<b>Programme Code</b>		<b>: CO</b> <span style="float: right;">With Effect From Academic Year : 2023-24</span>																								
<b>Duration Of Programme</b>		<b>: 6 Semester</b> <span style="float: right;">Duration : 16 WEEKS</span>																								
<b>Semester</b>		<b>: Sixth</b> <span style="float: right;">NCrF Entry Level : 4.0 Scheme : K</span>																								
<b>Sr No</b>	<b>Course Title</b>	<b>Abbreviation</b>	<b>Course Type</b>	<b>Course Code</b>	<b>Total IKS Hrs for Sem.</b>	<b>Learning Scheme</b>			<b>Credits</b>	<b>Paper Duration (hrs.)</b>	<b>Assessment Scheme</b>						<b>Total Marks</b>									
						<b>Actual Contact Hrs./Week</b>					<b>Self Learning (Activity/ Assignment /Micro Project)</b>			<b>Notional Learning Hrs /Week</b>				<b>Theory</b>			<b>Based on LL &amp; TL</b>			<b>Based on Self Learning</b>		
						<b>CL</b>	<b>TL</b>	<b>LL</b>										<b>EA-TH</b>	<b>SA-TH</b>	<b>Total</b>	<b>FA-PR</b>	<b>SA-PR</b>			<b>SLA</b>	
						<b>Max</b>	<b>Max</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>											
<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 COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY	ETI	DSC	316313	-	3	-	-	1	4	2	1.5	30	70*	#	100	40	-	-	-	-	25	10	125		
3	SOFTWARE TESTING	SFT	DSC	316314	-	3	-	4	1	8	4	3	30	70		100	40	25	10	-	-	25	10	150		
4	CLIENT SIDE SCRIPTING	CSS	AEC	316005	-	2	-	4	-	6	3	-	-	-	-	-	-	25	10	25@	10	-	-	50		
5	MOBILE APPLICATION DEVELOPMENT	MAD	DSC	316006	-	2	-	4	2	8	4	-	-	-	-	-	-	25	10	25#	10	25	10	75		
6	CAPSTONE PROJECT	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	-	-	50	20	50#	20	50	20	150		
<b>Elective 2 (Any - One )</b>					<b>Total</b>	<b>1</b>	<b>16</b>	<b>16</b>	<b>8</b>	<b>20</b>			<b>120</b>	<b>280</b>	<b>400</b>		<b>150</b>	<b>125</b>		<b>175</b>		<b>850</b>				
<b>7</b>																										
DIGITAL FORENSIC AND HACKING TECHNIQUES		DFH	DSE	316315	-	3	-	2	1	6	3	3	30	70		100	40	25	10	25#	10	25	10	175		
MACHINE LEARNING		MAL	DSE	316316	-	3	-	2	1	6	3	3	30	70		100	40	25	10	25#	10	25	10	175		
NETWORK AND INFORMATION SECURITY		NIS	DSE	316317	-	3	-	2	1	6	3	3	30	70		100	40	25	10	25#	10	25	10	175		

