

Maharashtra State Board Of Technical Education, Mumbai																								
Learning and Assessment Scheme for Post S.S.C Diploma Courses																								
Programme Name		: Diploma In Electrical Engineering / Electrical Power System																						
Programme Code		: EE / EP										With Effect From Academic Year					: 2023-24							
Duration Of Programme		: 6 Semester										Duration					: 16 WEEKS							
Semester		: Fourth					NCrF Entry Level : 3.5					Scheme					: K							
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme												
						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		Total Marks		
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		SLA						
																FA-PR	SA-PR	Max	Min	Max	Min			
1	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314301	2	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
2	D.C. MACHINES AND TRANSFORMERS	DMT	DSC	314322	-	4	-	4	-	8	4	3	30	70	100	40	25	10	25#	10	-	-	150	
3	UTILIZATION OF ELECTRICAL ENERGY	UEE	DSC	314323	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	
4	DIGITAL ELECTRONICS AND MICROCONTROLLER APPLICATIONS	DEM	SEC	314324	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	
5	ELECTRICAL ESTIMATING AND CONTRACTING	EEC	DSC	314325	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175	
6	COMPUTER AIDED DRAWING AND SIMULATION	CDS	SEC	314008	-	-	-	4	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50	
<b>Total</b>					<b>2</b>	<b>17</b>		<b>18</b>	<b>5</b>		<b>20</b>		<b>150</b>	<b>350</b>	<b>500</b>		<b>125</b>		<b>125</b>		<b>100</b>		<b>850</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	
															Max	Min	Max	Min		Max	Min
<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 <b>Legends :</b> @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination <b>Note :</b> 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. <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)																					