

# 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	: Third	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												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	FA-PR	SA-PR						
																		Practical		SLA			
																		Max	Min		Max	Min	

**(All Compulsory)**

1	ELECTRICAL CIRCUITS AND NETWORK	ECN	DSC	313332	-	4	-	4	-	8	4	3	30	70	100	40	25	10	50#	20	-	-	175
2	ELECTRICAL POWER GENERATION,TRANSMISSION AND DISTRIBUTION	GTD	DSC	313333	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
3	ELECTRICAL AND ELECTRONIC MEASUREMENT	EEM	DSC	313334	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
4	FUNDAMENTALS OF POWER ELECTRONICS	FPE	SEC	313335	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
5	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	-	1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	50	20	50
6	ELECTRICAL MATERIAL AND WIRING PRACTICE	EMW	SEC	313015	-	1	-	4	1	6	3	-	-	-	-	50	20	25@	10	25	10	100	
Total					0	16	0	18	6		20		120	280	400		150		150		150		850

**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) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)