Maharashtra State Board Of Technical Education, Mumbai

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

Programme Name	**: Diploma In Electrical Engineering**		
Programme Code	**: EE**	**With Effect From Academic Year**	**: 2023-24**
Duration Of Programme	**: 6 Semester**	**Duration**	**: 16 WEEKS**
Semester	**: Sixth** **NCrF Entry Level : 4.0**	**Scheme**	**: K**

Sr No	Course Title	Abbrevation	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
																	Practical						
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
													Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
(All Compulsory)																							
1	MANAGEMENT	MAN	AEC	315301	1	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
2	EMERGING TRENDS IN ELECTRICAL ENGINEERING	ETE	DSC	316326	-	4	-	-	-	4	2	1.5	30	70*#	100	40	-	-	-	-	-	-	100
3	ENERGY CONSERVATION AND AUDIT	ECA	DSC	316327	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
4	MAINTENANCE OF ELECTRICAL EQUIPMENTS	MEE	DSC	316328	-	4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175
5	BASIC PYTHON PROGRAMMING	BPP	AEC	313011	-	2	-	2	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50
6	CAPSTONE PROJECT	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	-	50	20	50#	20	50	20	150
Elective-II (Any - One)																							
7	INDUSTRIAL AUTOMATION	EIA	DSE	316329	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
	INDUSTRIAL DRIVES AND CONTROL	IDC	DSE	316330	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
	POWER SYSTEM ANALYSIS	PSA	DSE	316331	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
	SOLAR TECHNOLOGY AND MAINTENANCE	SLR	DSE	316373	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
Total					**1**	**20**		**12**	**8**		**20**		**150**	**350**	**500**		**150**		**150**		**150**		**950**

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																	Practical						
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
													Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	

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)