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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	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Actual Contact Hrs./Week CL	Actual Contact Hrs./Week TL	Actual Contact Hrs./Week LL	Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory FA-TH Max	Theory SA-TH Max	Theory Total Max	Theory Total Min	Practical FA-PR Max	Practical FA-PR Min	Practical SA-PR Max	Practical SA-PR Min	Based on Self Learning SLA Max	Based on Self Learning SLA Min	Total Marks
(All Compulsory)																							
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
	Total				2	17		18	5		20		150	350	500		125		125		100		850

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme Actual Contact Hrs./Week CL	TL	LL	Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Assessment Scheme Theory FA-TH Max	SA-TH Max	Total Max	Min	Based on LL & TL Practical FA-PR Max	Min	SA-PR Max	Min	Based on Self Learning SLA Max	Min	Total Marks

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)