Learning and Assessment Scheme for Fost 5.5.C Diploma Courses																						
gramme Name	: D	iploma I	n Mechan	ical Engine	ering	;																
gramme Code	: M	1E		With Effect From Academic Year : 2023-24																		
Duration Of Programme : 6 Semester								Duratio	: 16 WEEKS													
Semester : Third NCrF				Entry Leve	1:3.5	5	A.	Scheme	1													
	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.			de.	Learning Scheme	7	Assessment Scheme												
Course Title					Actual Contact Hrs./Week		eek	Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper	Theory							k TL	Based on Self Learning		f Total
Course Title					CL TL	LL	Duration (hrs.)				TH	н тн				FA-PR					Marks	
												Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	1
(All Compulsory)																						
STRENGTH OF MATERIALS	SOM	DSC	313308	1	4	-	2		6	3	3	30	70	100	40	25	10	-	-	-	-	125
FLUID MECHANICS AND MACHINERY	FMM	DSC	313309	1	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
THERMAL ENGINEERING	TEG	DSC	313310		3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175
PRODUCTION DRAWING	PDR	SEC	313311		2	-	4	2	8	4	4	30	70	100	40	25	10	25@	10	25	10	175
BASIC ELECTRICAL AND ELECTRONICS	BEE	AEC	312020	71	2	-	4	-	6	3		y.	-	-	-	50	20	50@	20	-	-	100
ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	-\	1	-	-	1	2	1	1-8	7	-	-	-	-	-	-	-	50	20	50
COMPUTER AIDED DRAFTING	CAD	SEC	313006	- \	ŀ	-	4	-	4	2	/- `	7	-/	-	-	25	10	25#	10	-	-	50
FUNDAMENTALS OF PYTHON PROGRAMMING	FPP	AEC	313007	-		1	2		2	1	-	-	1	-	-	25	10	25@	10	1	-	50
Total					15	0	20	5		20		120	280	400		200		175		125		900
	Course Title Compulsory) STRENGTH OF MATERIALS FLUID MECHANICS AND MACHINERY THERMAL ENGINEERING PRODUCTION DRAWING BASIC ELECTRICAL AND ELECTRONICS ESSENCE OF INDIAN CONSTITUTION COMPUTER AIDED DRAFTING FUNDAMENTALS OF PYTHON PROGRAMMING	Course Title Compulsory) STRENGTH OF MATERIALS FLUID MECHANICS AND MACHINERY THERMAL ENGINEERING PRODUCTION DRAWING PASIC ELECTRICAL AND ELECTRONICS ESSENCE OF INDIAN CONSTITUTION COMPUTER AIDED DRAFTING FUNDAMENTALS OF PYTHON PROGRAMMING SM Abbrevation Abbrevation SOM FMM FMM FMM EEC CAD	ration Of Programme rester : Third Course Title Abbrevation Compulsory) STRENGTH OF MATERIALS FLUID MECHANICS AND MACHINERY THERMAL ENGINEERING PRODUCTION DRAWING BASIC ELECTRICAL AND ELECTRONICS ESSENCE OF INDIAN CONSTITUTION COMPUTER AIDED DRAFTING FUNDAMENTALS OF PYTHON PROGRAMMING S Semester Course Third Course Third Course Type Course Type	ration Of Programme rester Course Title Abbrevation Course Type Course Course Type Course	gramme Name gramme Code gramme Code gramme Code gration Of Programme Course Title Course Title Compulsory) STRENGTH OF MATERIALS FLUID MECHANICS AND MACHINERY THERMAL ENGINEERING THERMAL ENGINEERING PRODUCTION DRAWING PRODUCTION DRAWING BASIC ELECTRICAL AND ELECTRONICS ESSENCE OF INDIAN CONSTITUTION COMPUTER AIDED DRAFTING FUNDAMENTALS OF PYTHON PROGRAMMING FIND SC SI33007 COMPUTER AIDED DRAFTING FUNDAMENTALS OF PYTHON PROGRAMMING FPP AEC 313007 ABBER COurse Total IKS Hrs for Sem. Total IKS Hrs for Sem. Total IKS Hrs for Sem.	gramme Name gramme Code gramme	gramme Name gramme Code gramme	STRENGTH OF MATERIALS SOM MACHINERY FLUID MECHANICS AND MACHINERY THERMAL ENGINEERING THERMAL ENGINE	Course Title	Course Title	Course Title	Course Title	Course Title	Spramme Name Spramme Spramme Name Spramme N	State Stat	Station of Programme Some Some	Spanne Same Spanne Spa	Spanne Same Spiploma Methanical Enginering Spanne Soemation Soem	Semante Suploma Suploma Suploma Suploma Suploma Suploma Suploma Suploma Suppose Supp	Compulsory STRENGTH OF MATERIALS SOM DSC 313308 1 4 5 2 1 6 3 3 3 70 10 40 25 10 25 10 10 10 10 10 10 10 1	State Stat	Signature Sign

Maharashtra State Board Of Technical Education, Mumbai
Learning and Assessment Scheme for Post S.S.C Diploma Courses

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): 3, Discipline Specific Elective (DSE): 0, Value Education Course (VEC): 1, Intern./Apprenti./Project./Community (INP): 0, AbilityEnhancement Course (AEC): 2, Skill Enhancement Course (SEC): 2, GenericElective (GE): 0