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										Board Of Technical														
						ε	,			ent Scheme for Post														
Prog	gramme Name		: Diploma In Artificial Intelligence / Artificial Intelligence and Machine Learning / Cloud Computing and Big Data / Computer Technology / Computer Engine Computer Science & Engineering / Data Sciences / Computer Hardware & Maintenance / Information Technology / Computer Science & Information Technology											/										
Pro	gramme Code		: AI / AN	/ BD / CI	M / CO / (	/ CW / DS / HA / IF / IH With Effect From Academic Year : 2023-24																		
Dur	ation Of Program	ıme	: 6 Semes	ter						Duration			: 1	16 WE	EEKS									
Sem	ester		: First	NCı	F Entry I	Entry Level: 3.0			Scheme : K															
										<b>Learning Scheme</b>						A	sses	smen	t Sch	eme				
Sr No Course Title		Abbrevation	Course	Course	Total IKS Hrs for Sem.	Actual Contact Hrs./Week		ct	Self Learning	Notional	Credits	Paper	Theory			Based on LL & TL			: TL	Based on Self Learning		Total		
			Type	Code		CI	тт	т т	(Activity/ Assignment /Micro Project)	Learning Hrs /Week		Duration (hrs.)	FA- SA-		Total		FA-PR		SA-PR		SLA		Marks	
							CL	TL L	LL					TH	TH									
										-				Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
<u>`</u>	Compulsory)				T								1											
1	BASIC MATHEM	-	BMS	AEC	311302	6	4	2	-	2	8	4	3	30	70	100	40	-	- 10	-	-	25	10	125
2	BASIC	PHYSICS	BSC	DSC	311305	4	2		2		10	5	1.5	30	70*#	100	40	25	10	25@	10	25 20	20	250
	SCIENCE	CHEMISTRY	ВЗС	DSC	311303		2	-	2	1	10	3	1.3	30	/U #	100	40	25	10	25@	10	25	20	230
3	COMMUNICATION (ENGLISH)	ON SKILLS	ENG	AEC	311303		3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150
	ENGINEERING GRAPHICS 4 (Electronics, Computer and allied branches)		EGP	DSC	311008	2	2	-	4		6	3		-		-	-	50	20	50@	20	-	-	100
5	5 FUNDAMENTALS OF ICT		ICT	SEC	311001		1	-4	2	1	4	2		- (	1	-	-	25	10	25@	10	25	10	75
1 6	6 ENGINEERING WORKSHOP PRACTICE (COMPUTER GROUP)		WPC	SEC	311002	7-	-	-	4		4	2	1	à	-	-	-	50	20	50@	20	-	-	100
7	YOGA AND MED	DITATION	YAM	VEC	311003	1	-	-	1	1	2	1	1 - 4	-	- 1	-	-	25	10	-	-	25	10	50
		Total	1	18		13	14	2	17	7		20		90	210	300		225		175		150		850
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Sr No Course Title Abbrevation Course Type Code Type Code Code Type Code Code Code Code Code Code Code Cod	Sr No Course Title Abbrevation No Course Type Code Type										<b>Learning Scheme</b>		į.				Asses	sment Scl	ieme		
No Course rule Type Code for Sem. Type Code for Sem. CI TI II (Activity/Assignment /Micro Project) Learning Hrs /Week Duration (hrs.) FA- SA- Total FA-PR SA-PR SA-PR SIA	No Course rule Type Code for Sem. CL TL LL (Activity/Assignment /Micro Project) Learning Hrs /Week Duration (hrs.) FA- SA- TH Total FA-PR SA-PR SLA	Sr	Course Title	A11	Course	Course		C Hrs	onta	ct	Self Learning	Notional	Cuadita	Paper		Theo	ry	Based or	LL & TL	Self	T 4 1
CI TI II /Micro Project) /Week   (hrs.)   FA-   SA-   Total   FA-PR   SA-PR   SI A	CL TL LL /Micro Project) /Week (hrs.) FA- SA- TH TOTAL FA-PR SA-PR SLA	No	Course Title	Apprevation	Type	('ode	for Sem.		TL LL		/Micro Project)	Learning Hrs	Creuits	Duration (hrs.)				Practical		· ·	
			  -							LL							Total	FA-PR	SA-PR	SLA	Iviai Ks

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): 2, 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

♦ For the course Basic Science - candidate will have to appear for pre-examination of both physics & chemistry. If absent in any one section (physics / chemistry) student will be declared as absent & fail for the course and marks will not be processed or carried forward.

## Learning and Assessment Scheme for Post S.S.C Diploma Courses : Diploma In Artificial Intelligence / Artificial Intelligence and Machine Learning / Cloud Computing and Big Data / Computer Technology / Computer Engineering / Programme Name Computer Science & Engineering / Data Sciences / Computer Hardware & Maintenance / Information Technology / Computer Science & Information Technology : AL/AN/BD/CM/CO/CW/DS/HA/IF/IH With Effect From Academic Year : 2023-24 Programme Code Duration Of Programme : 6 Semester : 16 WEEKS Duration : K Semester : Second NCrF Entry Level: 3.0 Scheme **Learning Scheme** Assessment Scheme Actual Based on Based on LL & TI Contact Theory Self Total IKS Hrs./Week Sr Course Course **Self Learning** Notional Paper **Course Title** Credits Learning Abbrevation Hrs for Total No **Practical** Code Type (Activity/ Assignment **Learning Hrs** Duration Sem. Marks /Micro Project) /Week (hrs.) FA- SA-TL LL **SA-PR** CL Total FA-PR SLA TH TH Max Max Min Max Min Max Min Max (All Compulsory) APPLIED MATHEMATICS AEC 312301 2 4 2 3 100 40 AMS 3 30 70 100 BASIC ELECTRICAL AND 312302 1.5 70\*# 100 40 50 20 50@ 20 ELECTRONICS BEE AEC 2 10 5 50 20 250 ENGINEERING PROGRAMMING IN C PIC 312303 10 100 40 50 | 20 | 50# 225 AEC 4 5 3 30 70 20 25 10 25 LINUX BASICS BLP 312001 2 10 25@ 50 DSC 4 10 WEB PAGE DESIGNING 312004 4 50 20 50@ 25 125 WPD SEC 2 4 2 8 20 10 PROFESSIONAL 2 25 10 25@ 50 **PCO** SEC 312002 10 COMMUNICATION SOCIAL AND LIFE SKILLS SFS 312003 20 50 **VEC** 2 2 50 Total 2 2 16 20 210 300 200 150 850 15 200

Maharashtra State Board Of Technical Education, Mumbai

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