

Maharashtra State Board Of Technical Education, Mumbai

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

Programme Name : Diploma In Artificial Intelligence / Artificial Intelligence and Machine Learning																							
Programme Code : AI / AN					With Effect From Academic Year			: 2023-24															
Duration Of Programme : 6 Semester					Duration			: 12 Weeks (Industry) + 10 Weeks (Institute)															
Semester : Fifth NCrF Entry Level : 4.0					Scheme			: K															
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme			Credits	Paper Duration (hrs.)	Assessment Scheme								Total Marks				
						Actual Contact Hrs./Week					Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week	Theory			Based on LL & TL		Based on Self Learning					
						CL	TL	LL					FA-TH		SA-TH		Total	FA-PR		SA-PR	SLA		
						Max	Max	Max					Min	Max	Min	Max	Min	Max		Min	Max	Min	
(All Compulsory)																							
1	OPERATING SYSTEM	OSY	DSC	315319	-	5	-	2	2	9	3	3	30	70	100	40	25	10	25@	10	25	10	175
2	AI & ML ALGORITHM	AMA	DSE	315330	-	4	-	4	1	9	3	3	30	70	100	40	25	10	25@	10	25	10	175
3	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	ENDS	AEC	315002	-	1	-	2	-	3	1	-	-	-	-	-	50	20	25@	10	-	-	75
4	SEMINAR AND PROJECT INITIATION COURSE	SPI	AEC	315003	-	-	-	1	2	3	1	-	-	-	-	-	25	10	25@	10	25	10	75
5	INTERNSHIP(12 WEEKS)	ITR	INP	315004	-	-	-	-	-	36 - 40	10	-	-	-	-	-	100	40	100#	40	-	-	200
Elective 1 (Any - One)																							
6	ADVANCE DATABASE MANAGEMENT	ADM	DSE	315324	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
	CLOUD COMPUTING FOR DATA SCIENCE	CCD	DSE	315327	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
	NATURAL LANGUAGE PROCESSING	NLP	DSE	315329	1	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
Total					1	14		11	5		20		90	210	300		250		225		75		850

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme			Credits	Paper Duration (hrs.)	Assessment Scheme						Based on Self Learning	Total Marks	
						Actual Contact Hrs./Week					Theory			Based on LL & TL					
						CL		TL			FA-TH		SA-TH	Total	FA-PR	SA-PR	SLA		
						Max	Max	Max	Min	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.* 10 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. **Note:** Notional learning hours for **internship represents the student engagement hours.**

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)