



**Maharashtra State Board of Technical Education, Mumbai**  
**Teaching And Examination Scheme For Post S.S.C. Diploma Courses**

**Program Name : Diploma in Agricultural Engineering, Diploma in Artificial Intelligence (AI) and Machine Learning, Diploma in Cloud Computing and Big Data, Diploma in Computer Hardware & Maintenance, Diploma in Electronics and Computer Engineering**

**Program Code : AL, AN, BD, HA, TE**

**Duration of Program : 6 Semesters**

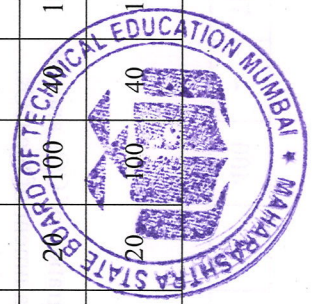
**Semester : First**

**Duration : 16 Weeks**

**Pattern : Full Time – Semester**

**Scheme : I**

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme		Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T		P	Theory			ESE			PA			Practical			
								Max Marks	Min Marks	PA Max Marks	ESE Max Marks	ESE Min Marks	PA Max Marks	PA Min Marks	Practical Max Marks	Practical Min Marks	Total Max Marks	Total Min Marks		
																				Exam Duration in Hrs.
1	English	ENG	22101	3	--	2	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
2	Basic Science	BSC	22102	2	--	2	70*	28	15*	00	100	40	25@	10	25	10	50	20	200	
				2	--	2	#	15*	00	100	40	25@	10	25	10	50	20			
3	Basic Mathematics	BMS	22103	4	2	--	70	28	30*	00	100	40	--	--	--	--	--	--	100	
4	Fundamentals of ICT (Information & Communication Technology)	ICT	22001	2	--	2	--	--	--	--	--	--	25@^	10	25~	10	50	20	50	
5	Engineering Graphics (For CE, CR, CS, ME, AE, PG, PT, FG, EE, EP, EU, CH, PS, DC, TC, TX, PO, AL)	EGM	22002	2	--	4	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
				2	--	4	--	--	--	--	--	--	--	--	50@	20	50~	20		100
6	Workshop Practice (For CE, CR, CS, ME, AE, PG, PT, FG, EE, EP, EU, CH, PS, PO, AL)	WPM	22004	--	--	4	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
				--	--	4	--	--	--	--	--	--	--	--	50@	20	50~	20		100
6	Workshop Practice (For CO, CM, CW, IF, AN, BD, HA)	WPC	22005	--	--	4	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
				--	--	4	--	--	--	--	--	--	--	--	50@	20	50~	20		100
6	Workshop Practice (For DE, EJ, ET, EN, EX, EQ, IC, IE, IS, MU, TE)	WPE	22006	--	--	4	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
				--	--	4	--	--	--	--	--	--	--	--	50@	20	50~	20		100



Total	15	2	16	33	--	210	--	90	--	300	--	200	--	200	--	400	--	700
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Student Contact Hours Per Week: **33 Hrs.**  
**Theory and practical periods of 60 minutes each.**  
 Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical  
 @ Internal Assessment, # External Assessment, \*# On Line Examination, @\$ Internal Online Examination  
 \* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment (5 marks each for Physics and Chemistry) to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.  
 ~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage  
 ➤ **Candidate remaining absent in practical examination of any one part of Basic Science course i.e. Physics, Chemistry will be declare as Absent in Mark List and has to appear for examination. The marks of the part for which candidate was present will not be processed or carried forward.**  
 ➤ **If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.**

