



Maharashtra State Board Of Technical Education, Mumbai

Teaching And Examination Scheme For Post S.S.C. Diploma Courses
Program Name : Diploma in Electronics & Tele-Communication, Diploma in Electronics Courses
Communication Engineering,Diploma in Electronics, Diploma in Communication Technology, Diploma in
Program Code : EJ/EN/EQ/ET/EX
Duration of Program : 6 Semesters

Semester : Fourth

S. N.	Course Title	Course Code	Course Abbre- viation	Teaching Scheme			Credit (L+T+P)	Theory			Practical			Grand Total							
				L	T	P		ESE	PA	Total	ESE	PA	Total								
1	Linear Integrated Circuits	LIC	22423	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
2	Consumer Electronics	CEL	22425	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Microcontroller and Applications	MAA	22426	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Basic Power Electronics	BPE	22427	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
5	Digital Communication Systems	DCS	22428	4	-	4	8	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200
6	Maintenance of Electronics Equipment and EDA Tools Practices	MET	22036	-	-	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
			Total	18	-	16	34	--	350	--	150	--	500	--	200	--	200	--	400	--	900

Student Contact Hours Per Week: 34Hrs.

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, ^ Computer Based Assessment

*** Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment 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

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.

In-Plant Training during Summer vacation for minimum Six Weeks at the end of Fourth Semester (Second Year).

