



Maharashtra State Board of Technical Education, Mumbai
Teaching and Examination Scheme for Post S.S.C. Diploma Courses

Program Name : Diploma in Automobile Engineering
Program Code : AE
Duration of Program : 6 Semesters
Semester : Sixth

With Effect From Academic Year: 2017 - 18
Duration : 16 Weeks
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				Practical				
								ESE		PA		ESE		PA		ESE		PA		
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		Min Marks
1	Management	MAN	22509	3	-	-	90 Min	70*#	28	30*	00	100	40	--	--	--	--	100		
2	Hydraulic and Pneumatic Controls	HPC	22650	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Automotive Electrical and Electronics Systems	AEE	22651	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Emerging Trends in Mechanical Engineering	ETM	22652	3	-	-	90 Min	70*#	28	30*	00	100	40	--	--	--	--	100		
Elective – II (Select Any One)																				
4	Automobile Air Conditioning	AAC	22653	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Autotronics	AUT	22654	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Capstone Project – Execution & Report Writing	CPE	22060	-	-	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100
7	Vehicle System Maintenance	VSM	22065	2	-	4	--	--	--	--	--	--	--	75#	30	75~	30	150	60	150
Total				17	-	14	31	350	--	150	--	500	--	200	--	400	--	900		

Student Contact Hours Per Week: **31 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, ^ 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 semester then the candidate shall be declared as "Detained" for that semester.**

Medium of Instruction: **English**

Total Marks : **900**

Annotations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical

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