



**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**

**With Effect From Academic Year: 2017 – 18**

**Duration of Program : 6 Semesters**

**Duration : 16 Weeks**

**Semester : Fourth**

**Scheme - I**

S. N.	Course Title	Course Abbrviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total
				L	T	P		Theory						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	Theory of Machines	TOM	22438	3	-	2	5	70	28	30*	00	100	40	25@	10	25	10	50	20	150
2	Automobile Manufacturing Processes	AMP	22439	3	-	2	5	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Advanced Automobile Engines	AAE	22440	4	-	2	6	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Heat Power Engineering	HPE	22441	4	-	2	6	70	28	30*	00	100	40	25@	10	25	10	50	20	150
5	Automobile Systems and Body Engineering	ASB	22442	4	-	2	6	70	28	30*	00	100	40	25#	10	25	10	50	20	150
6	Mechanical Measurement	MMIE	22040	1	-	2	3	--	--	--	--	--	--	25@	10	25~	10	50	20	50
7	Solid Modeling and Additive Manufacturing	SMA	22041	-	-	2	2	--	--	--	--	--	--	25@	10	25~	10	50	20	50
<b>Total</b>				<b>19</b>	<b>-</b>	<b>14</b>	<b>33</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>175</b>	<b>--</b>	<b>175</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>850</b>

Student Contact Hours Per Week: **33 Hrs.**

Medium of Instruction: **English**

**Theory and practical periods of 60 minutes each.**

Total Marks : **850**

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).**

