



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 : Fifth

Scheme - I

| S. N. | Course Title | Course Abbreviation | Course Code | Teaching Scheme | | | Credit (L+T+P) | Examination Scheme | | | | | | | | | | | | | Grand Total |
|---------------------------|--|---------------------|-------------|-----------------|----------|-----------|----------------|-----------------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-------------|
| | | | | L | T | P | | Theory | | | | | | Practical | | | | | | | |
| | | | | | | | | Exam Duration in Hrs. | ESE | | PA | | Total | | ESE | | PA | | Total | | |
| | | | | | | | | | 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 | Environmental Studies | EST | 22447 | 3 | - | - | 3 | 90 Min | 70*# | 28 | 30* | 00 | 100 | 40 | -- | -- | -- | -- | -- | -- | 100 |
| 2 | Transport Management and Motor Vehicle Act | TMM | 22557 | 3 | - | - | 3 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | -- | -- | -- | -- | -- | -- | 100 |
| 3 | Automobile Component Design | ACD | 22558 | 3 | - | 2 | 5 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 |
| 4 | Two and Three Wheeler Technologies | TTW | 22559 | 3 | - | 2 | 5 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25# | 10 | 25 | 10 | 50 | 20 | 150 |
| Elective (Any One) | | | | | | | | | | | | | | | | | | | | | |
| 5 | Motor Vehicle Insurance and Valuation | MVI | 22560 | 3 | - | 2 | 5 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 |
| | Automobile Body Engineering and Safety | ABE | 22561 | 3 | - | 2 | 5 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 |
| 6 | Enterprenuership Development | EDE | 22032 | 2 | - | 2 | 4 | -- | -- | -- | -- | -- | -- | -- | 50@ | 20 | 50~ | 20 | 100 | 40 | 100 |
| 7 | Industrial Training | ITR | 22057 | - | - | 6 | 6 | -- | -- | -- | -- | -- | -- | -- | 75# | 30 | 75 | 30 | 150 | 60 | 150 |
| 8 | Capstone Project Planning | CPP | 22058 | - | - | 2 | 2 | -- | -- | -- | -- | -- | -- | -- | 25@ | 10 | 25 | 10 | 50 | 20 | 50 |
| Total | | | | 17 | - | 16 | 33 | -- | 350 | -- | 150 | -- | 500 | -- | 225 | -- | 225 | -- | 450 | -- | 950 |

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

Medium of Instruction: **English**

Theory and practical periods of 60 minutes each.

Total Marks : 950

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.**
- **Evaluation of Industrial Training and its reports is to done after completion of Industrial Training. Credits of Industrial Training will not affect the framing of time table.**

