



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

Program Name : Civil Engineering Groups

Program Code : CE/CR/ CS

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 | | | | | | | | |
| | | | | | | | | 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 | | Max Marks | |
| 1 | Water Resource Engineering | WRE | 22501 | 3 | - | 2 | 5 | Exam Duration in Hrs. | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | |
| 2 | Design of Steel and RCC Structures | DSR | 22502 | 4 | 1 | 2 | 7 | 70 | 28 | 30* | 00 | 100 | 40 | 25# | 10 | 25 | 10 | 50 | 20 | 150 | | |
| 3 | Estimating and Costing | EAC | 22503 | 3 | - | 4 | 7 | 70 | 28 | 30* | 00 | 100 | 40 | 50# | 20 | 50 | 20 | 100 | 40 | 200 | | |
| 4 | Public Health Engineering | PHE | 22504 | 3 | - | 2 | 5 | 70 | 28 | 30* | 00 | 100 | 40 | 25# | 10 | 25 | 10 | 50 | 20 | 150 | | |
| Elective (Any One) | | | | | | | | | | | | | | | | | | | | | | |
| | Rural Development | RDE | 22505 | 3 | - | 2 | 5 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | | |
| | Energy Conservation and Green Building | ECG | 22506 | 3 | - | 2 | 5 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | | |
| 5 | Traffic Engineering | TEN | 22507 | 3 | - | 2 | 5 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | | |
| | Precast and Pre-Stressed Concrete | PPC | 22508 | 3 | - | 2 | 5 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | | |
| 6 | Industrial Training | ITR | 22057 | - | - | 6 | 6 | -- | -- | -- | -- | -- | -- | 75# | 30 | 75 | 30 | 150 | 60 | 150 | | |
| 7 | Capstone Project Planning | CPP | 22058 | - | - | 2 | 2 | -- | -- | -- | -- | -- | -- | 25@ | 10 | 25 | 10 | 50 | 20 | 50 | | |
| Total | | | | 16 | 1 | 20 | 37 | 350 | -- | 150 | -- | 500 | -- | 250 | -- | 500 | -- | 500 | -- | 1000 | | |

Student Contact Hours Per Week: **37 Hrs.** Medium of Instruction: **English**

Theory and practical periods of 60 minutes each. Total Marks : **1000**

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.

