



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

**Program Name : Computer Engineering Groups**

**Program Code : CO/CM/IF/CW**

**Duration of Program : 6 Semesters**

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

**Semester : Second**

**Duration : 16 Weeks**

| 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     | Elements of Electrical Engineering           | EEC                 | 22215       | 4               | - | 2  | 6              | 3                     | 70        | 28        | 30*       | 00        | 100       | 40        | 25#       | 10        | 25        | 10        | 50        | 20          | 150       |
| 2     | Applied Mathematics                          | AMI                 | 22224       | 4               | 2 | -  | 6              | 3                     | 70        | 28        | 30*       | 00        | 100       | 40        | --        | --        | --        | --        | --        | --          | 100       |
| 3     | Basic Electronics                            | BEC                 | 22225       | 3               | - | 2  | 5              | 3                     | 70        | 28        | 30*       | 00        | 100       | 40        | 25@       | 10        | 25        | 10        | 50        | 20          | 150       |
| 4     | Programming in 'C'                           | PCI                 | 22226       | 3               | 2 | 2  | 7              | 3                     | 70        | 28        | 30*       | 00        | 100       | 40        | 25@       | 10        | 25        | 10        | 50        | 20          | 150       |
| 5     | Business Communication Using Computers       | BCC                 | 22009       | -               | - | 2  | 2              | --                    | --        | --        | --        | --        | --        | --        | 35@^      | 14        | 15~       | 06        | 50        | 20          | 50        |
| 6     | Computer Peripheral and Hardware Maintenance | CPH                 | 22013       | 2               | - | 2  | 4              | --                    | --        | --        | --        | --        | --        | --        | 50#       | 20        | 50~       | 20        | 100       | 40          | 100       |
| 7     | Web Page Designing with HTML                 | WPD                 | 22014       | 2               | - | 2  | 4              | --                    | --        | --        | --        | --        | --        | --        | 50@       | 20        | 50~       | 20        | 100       | 40          | 100       |
| Total |                                              |                     |             | 18              | 4 | 12 | 34             | --                    | 280       | --        | 120       | --        | 400       | --        | 210       | --        | 190       | --        | 400       | --          | 800       |

Student Contact Hours Per Week: **34 Hrs.**

Medium of Instruction: **English**

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

**Total Marks : 800**

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 (5 marks each for Physics and Chemistry) 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.**

