



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

Program Name : Diploma in Information Technology

Program Code : IF

Duration of Program : 6 Semesters

With Effect From Academic Year: 2017 - 18

Semester : Third

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 | | | | | | | | |
| | | | | | | | | 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 | Object Oriented Programming Using C++ | OOP | 22316 | 3 | 2 | 2 | 7 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | |
| 2 | Data Structure Using 'C' | DSU | 22317 | 3 | - | 2 | 5 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25# | 10 | 25 | 10 | 50 | 20 | 150 | |
| 3 | Principles of Database | POD | 22321 | 3 | - | 2 | 5 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | |
| 4 | Data Communication | DCO | 22322 | 3 | - | - | 3 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | -- | -- | -- | -- | -- | -- | 100 | |
| 5 | Digital Techniques and Microprocessor | DTM | 22323 | 4 | - | 2 | 6 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25@ | 10 | 25 | 10 | 50 | 20 | 150 | |
| 6 | Applied Multimedia Techniques | AMT | 22024 | 2 | - | 4 | 6 | -- | -- | -- | -- | -- | -- | -- | 50# | 20 | 50~ | 20 | 100 | 40 | 100 | |
| Total | | | | 18 | 2 | 12 | 32 | -- | 350 | -- | 150 | -- | 500 | -- | 150 | -- | 150 | -- | 300 | -- | 800 | |

Student Contact Hours Per Week: 32 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.

