



**Maharashtra State Board of Technical Education, Mumbai**

**Teaching And Examination Scheme For Post S.S.C. Diploma Courses**

**Program Name : Diploma in Electrical Engineering**

**Program Code : EE/EP/EU**

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

**Duration of Program : 6 Semesters**

**Duration : 16 Weeks**

**Semester : Third**

**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  |           |            |             |
| 1            | Electrical Circuits                      | ECI                 | 22324       | 4               | 2        | 2         | 8              | 3                  | 70         | 28        | 30*        | 00        | 100        | 40        | 25#        | 10        | 25         | 10        | 50         | 20        | 150        |             |
| 2            | Electrical and Electronic Measurements   | EEM                 | 22325       | 4               | -        | 2         | 6              | 3                  | 70         | 28        | 30*        | 00        | 100        | 40        | 25@        | 10        | 25         | 10        | 50         | 20        | 150        |             |
| 3            | Fundamentals of Power Electronic         | FPE                 | 22326       | 4               | -        | 2         | 6              | 3                  | 70         | 28        | 30*        | 00        | 100        | 40        | 25#        | 10        | 25         | 10        | 50         | 20        | 150        |             |
| 4            | Electrical Power Generation              | EPG                 | 22327       | 4               | -        | 2         | 6              | 3                  | 70         | 28        | 30*        | 00        | 100        | 40        | 25@        | 10        | 25         | 10        | 50         | 20        | 150        |             |
| 5            | Electrical Materials and Wiring Practice | EMW                 | 22328       | 3               | -        | 4         | 7              | 3                  | 70         | 28        | 30*        | 00        | 100        | 40        | 50@        | 20        | 50         | 20        | 100        | 40        | 200        |             |
| <b>Total</b> |  |                     |             | <b>19</b>       | <b>2</b> | <b>12</b> | <b>33</b>      | <b>--</b>          | <b>350</b> | <b>--</b> | <b>150</b> | <b>--</b> | <b>500</b> | <b>--</b> | <b>150</b> | <b>--</b> | <b>150</b> | <b>--</b> | <b>300</b> | <b>--</b> | <b>800</b> |             |

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

