

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES

COURSE NAME : ELECTRICAL ENGINEERING GROUP

COURSE CODE : EE

DURATION OF COURSE : SIX SEMESTERS

WITH EFFECT FROM 2012 - 13

SEMESTER : FIFTH

DURATION : 16 WEEKS

PATTERN : FULL TIME

SCHEME :

| SR. NO. | SUBJECT TITLE | Sub. Title Abbr | SUBJECT CODE | TEACHING SCHEME | | | EXAMINATION SCHEME | | | | | | | | | |
|--------------|--|-----------------|--------------|-----------------|-----------|-----------|--------------------|------------|-----|-----------|-----|-----------|-----|------------|-----|-----------|
| | | | | TH | TU | PR | PAPER HRS | TH(1) | | PR(4) | | OR(8) | | TW(9) | | SW |
| | | | | | | | | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | |
| 1 | Behavioral Science | | | 01 | -- | 02 | -- | -- | -- | -- | -- | 25# | 10 | 25@ | 10 | 50 |
| 2 | Switchgear & Protection | | | 03 | -- | 02 | 03 | 100 | 40 | -- | -- | -- | -- | 25@ | 10 | |
| 3 | A.C. Machines | | | 03 | -- | 02 | 03 | 100 | 40 | 50# | 10 | -- | -- | 25@ | 10 | |
| 4 | Industry Electrical Systems II | | | 04 | -- | -- | 03 | 100 | 40 | -- | -- | -- | -- | -- | -- | |
| 5 | Microcontroller & Applications | | | 03 | -- | 02 | 03 | 100 | 40 | -- | -- | 25# | 25 | 25@ | 10 | |
| 6 | Energy Conservation & Audit | | | 03 | -- | 02 | 03 | 100 | 40 | -- | -- | -- | -- | 25@ | 10 | |
| 7 | Entrepreneurship Development & Project | | | 01 | 01 | 02 | -- | -- | -- | -- | -- | -- | -- | 25@ | 10 | |
| 8 | Professional Practices III | | | -- | -- | 03 | -- | -- | -- | -- | -- | -- | -- | 50@ | 20 | |
| TOTAL | | | | 18 | 01 | 15 | | 500 | | 50 | | 50 | | 200 | | 50 |

STUDENT CONTACT HOURS PER WEEK: **34 HRS**

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH.

TOTAL MARKS: **850** @ INTERNAL ASSESSMENT # EXTERNAL ASSESSMENT

ABBREVIATIONS: TH-THEORY, TU- TUTORIAL, PR-PRACTICAL, ,OR-ORAL,TW-TERMWORK, SW-SESSIONAL WORK

- Conduct two class tests each of 25 marks for each theory subject. Sum of the total test marks of all subject are to be converted out of 50 marks as sessional work.
- Progressive Evaluation Is To Be Done By Subject Teacher As Per The Prevailing Curriculum Implementation And Assessment Norms