

**VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE**

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES (R 2013)

COURSE NAME: **DIPLOMA IN ELECTRONICS ENGINEERING**

COURSE CODE: **DEInE**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **FOURTH**

FULL TIME/PART TIME: **FULL TIME**

| SR. NO | SUBJECT TITLE                   | SUBJECT CODE | TEACHING  |          |           | EXAMINATION SCHEME |            |          |            |            |          |            |          |          |          |            |          | TOTAL MARKS |
|--------|---------------------------------|--------------|-----------|----------|-----------|--------------------|------------|----------|------------|------------|----------|------------|----------|----------|----------|------------|----------|-------------|
|        |                                 |              | L         | T        | P         | PAPER HRS          | TH         |          | TEST       | TOTAL      |          | P          |          | OR       |          | TW         |          |             |
|        |                                 |              |           |          |           |                    | Max        | Min      |            | Max        | Min      | Max        | Min      | Max      | Min      |            |          |             |
| 1      | Electrical Machines             | 133EX41      | 3         | -        | 3         | 3                  | 80         | 32       | 20         | 100        | 40       | 50         | 20       | -        | -        | 25         | 10       | <b>175</b>  |
| 2      | Electrical Networks - II        | 133EX42      | 3         | 1        | -         | 3                  | 80         | 32       | 20         | 100        | 40       | -          | -        | -        | -        | 25         | 10       | <b>125</b>  |
| 3      | Electronics - II                | 133EX43      | 3         | -        | 2         | 3                  | 80         | 32       | 20         | 100        | 40       | 25         | 10       | -        | -        | 25         | 10       | <b>150</b>  |
| 4      | Analog Integrated Circuits      | 133EX44      | 3         | -        | 2         | 3                  | 80         | 32       | 20         | 100        | 40       | 25         | 10       | -        | -        | 25         | 10       | <b>150</b>  |
| 5      | Instrumentation                 | 133EX45      | 3         | -        | 2         | 3                  | 80         | 32       | 20         | 100        | 40       | 50         | 20       | -        | -        | 25         | 10       | <b>175</b>  |
| 6      | C' Programming                  | 133EX46      | 2         | -        | 2         | -                  | -          | -        | -          | -          | -        | 50         | 20       | -        | -        | 50         | 20       | <b>100</b>  |
| 7      | Development of Life Skills      | 133EX47      | 0         | -        | 2         | -                  | -          | -        | -          | -          | -        | -          | -        | -        | -        | 25         | 10       | <b>25</b>   |
| 8      | Student Centered Activity/ Test |              | -         | -        | 2         |                    |            |          |            |            |          |            |          |          |          |            |          |             |
|        | <b>TOTAL</b>                    |              | <b>17</b> | <b>1</b> | <b>15</b> | <b>-</b>           | <b>400</b> | <b>-</b> | <b>100</b> | <b>500</b> | <b>-</b> | <b>200</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>200</b> | <b>-</b> | <b>900</b>  |

Student Contact Hours per week (Formal Teaching): 33 Hours

Theory, Practical and Tutorial periods are of 60 minutes duration.

Total Marks: 900

Abbreviations : L- Lecture, T – Tutorials, P – Practical, TH –Theory, OR – Oral, TW- Term work