



**C. U. SHAH UNIVERSITY, Wadhwan City**  
**Name of Programme: Diploma Engineering**  
**Name of Branch:- Electrical**  
**Semester: VI**  
**w. e. f. June 2015**

| Sr. No | Branch Code | Subject Code | Subject Name   | Teaching Scheme (Hours) |    |    |       | Credits | Evaluation Scheme |       |                 |       |                   |     |            |     | Total Marks |
|--------|-------------|--------------|--|-------------------------|----|----|-------|---------|-------------------|-------|-----------------|-------|-------------------|-----|------------|-----|-------------|
|        |             |              |  | Th                      | Tu | Pr | Total |         | Theory            |       |                 |       | Practical (Marks) |     |            |     |             |
|        |             |              |  |                         |    |    |       |         | Sessional Exam    |       | University Exam |       | Internal          |     | University |     |             |
|        |             |              |  |                         |    |    |       |         | Marks             | Hours | Marks           | Hours | Pr                | TW  | Pr         | TW  |             |
| 1      | 4           | 2TE06SGP1    | Switchgear and Protection (SGP)                      | 04                      | 00 | 04 | 08    | 06      | 30                | 1.5   | 70              | 03    | ---               | 20  | 30         | --- | 150         |
| 2      | 4           | 2TE06MTC1    | Maintenance of Transformer and Circuit Breaker (MTC) | 04                      | 00 | 02 | 06    | 05      | 30                | 1.5   | 70              | 03    | ---               | 20  | 30         | --- | 150         |
| 3      | 4           | 2TE06PJT1    | Project-II(PJT)                                      | 00                      | 00 | 10 | 10    | 05      | ---               | ---   | ---             | ---   | ---               | 100 | 100        | --- | 200         |
|        |             |              | Viva Voice   | 00                      | 00 | 00 | 00    | 03      | ---               | ---   | ---             | ---   | ---               | --- | 100        | --- | 100         |
| 4      | 4           |              | Elective – I *                                       | 04                      | 00 | 02 | 06    | 05      | 30                | 1.5   | 70              | 03    | ---               | 20  | 30         | --- | 150         |
| Total  |             |              |  | 12                      | 00 | 18 | 30    | 24      | 90                | ---   | 210             | ---   | ---               | 160 | 290        | --- | 750         |

- \*Elective I: 1. Electrification of Building and Complex- EBC (2TE06EBC1)  
 2. Microprocessor and Applications- MPA (2TE06MPA1)  
 3. Special Electrical Machine –SEM (2TE06SEM1)

Th: Theory, To: Tutorial/Seminar/Field work, Pr: Practical, TW: Term Work

Note: Theory \_\_\_\_\_ 1hr = 1 Credit,  
 Tutorial/Practical \_\_\_\_\_ 2hr = 1 Credit,