

**Program Name: - Diploma Engineering (Electrical Engineering)**

**Program Code :ET403**

**Semester / year :- First Year Diploma Engineering - First Semester**

| Subject code | Subject Name                                 | Credit    | Hours per week |          |           |           | Theory (Marks)        |                       | Practical (Marks)     |                       | Total (Marks) |
|--------------|----------------------------------------------|-----------|----------------|----------|-----------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
|              |                                              |           | L              | T        | P         | Total     | University Assessment | Continuous Assessment | University Assessment | Continuous Assessment |               |
| 1ET4000101   | Communication Skills in English-I            | 3         | 2              | 1        | 0         | 3         | 60                    | 40                    | -                     | 50                    | 150           |
| 1ET4000102   | Environmental Science                        | 0         | 2              | 0        | 0         | 2         | -                     | -                     | -                     | -                     | -             |
| 1ET4000103   | Mathematics-I                                | 3         | 2              | 1        | 0         | 3         | 60                    | 40                    | -                     | 50                    | 150           |
| 1ET4000104   | Basic Physics                                | 4         | 3              | 0        | 2         | 5         | 60                    | 40                    | 20                    | 30                    | 150           |
| 1ET4000106   | Introduction to IT Systems                   | 2         | 0              | 1        | 2         | 3         | -                     | -                     | 20                    | 30                    | 50            |
| 1ET4000205   | Alternate Energy Sources and its Application | 3         | 2              | 0        | 2         | 4         | 60                    | 40                    | -                     | 50                    | 150           |
| 1ET4030101   | Electrical Workshop Practices                | 2         | 0              | 0        | 4         | 4         | -                     | -                     | -                     | 50                    | 50            |
| 1ET4030102   | Fundamental of Mechanical Engineering        | 3         | 2              | 0        | 2         | 4         | 60                    | 40                    | 20                    | 30                    | 150           |
| <b>Total</b> |                                              | <b>20</b> | <b>13</b>      | <b>3</b> | <b>12</b> | <b>28</b> |                       |                       |                       |                       | <b>850</b>    |

**Program Name: - Diploma Engineering (Electrical Engineering)**

**Program Code :ET403**

**Semester / year :- First Year Diploma Engineering - Second Semester**

| Subject code | Subject Name                           | Credit    | Hours per week |          |           |           | Theory (Marks)        |                       | Practical (Marks)     |                       | Total (Marks) |
|--------------|----------------------------------------|-----------|----------------|----------|-----------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
|              |                                        |           | L              | T        | P         | Total     | University Assessment | Continuous Assessment | University Assessment | Continuous Assessment |               |
| 1ET4000201   | Communication Skills in English-II     | 3         | 2              | 1        | 0         | 3         | 60                    | 40                    | -                     | 50                    | 150           |
| 1ET4000202   | Yoga, Meditation and Critical Thinking | -         | 0              | 0        | 2         | 2         | -                     | -                     | -                     | -                     | -             |
| 1ET4000203   | Mathematics-II                         | 3         | 2              | 1        | 0         | 3         | 60                    | 40                    | -                     | 50                    | 150           |
| 1ET4000204   | Basic Chemistry                        | 4         | 3              | 0        | 2         | 5         | 60                    | 40                    | 20                    | 30                    | 150           |
| 1ET4000212   | Basic Civil Engineering                | 1         | 0              | 0        | 2         | 2         | -                     | -                     | -                     | 50                    | 50            |
| 1ET4030201   | D.C. Circuits                          | 6         | 4              | 0        | 4         | 8         | 60                    | 40                    | -                     | 50                    | 150           |
| 1ET4000105   | Engineering Graphics                   | 4         | 2              | 0        | 4         | 6         | 60                    | 40                    | 20                    | 30                    | 150           |
| <b>Total</b> |                                        | <b>21</b> | <b>13</b>      | <b>2</b> | <b>14</b> | <b>29</b> |                       |                       |                       |                       | <b>800</b>    |