

**School of Engineering & Technology**  
**Scheme of Examination**

PROGRAMME: **Diploma**

SESSION:-**2025 - 26** BRANCH:- **EX**

SEMESTER:- **VI**

| S. No | Paper Code | Paper Name                             | Maximum Marks Allotted |     |                |     |             | Credits Allotted |   |    | Total Credits | Remark                                                                                                                   |
|-------|------------|----------------------------------------|------------------------|-----|----------------|-----|-------------|------------------|---|----|---------------|--------------------------------------------------------------------------------------------------------------------------|
|       |            |                                        | Theory Slot            |     | Practical Slot |     | Total Marks |                  |   |    |               |                                                                                                                          |
|       |            |                                        | EST                    | CAT | ESP            | CAP |             | L                | T | P  |               |                                                                                                                          |
| 1     | DEX 601    | ENERGY CONSERVATION AND MANAGEMENT     | 70                     | 30  | 35             | 15  | 150         | 3                | 1 | 2  | 6             | One credit refers to one hour teaching in theory, tutorial and practical: 38 hour workload per week corresponding to LTP |
| 2     | DEX 602    | EHVAC & DC                             | 70                     | 30  |                |     | 100         | 3                | 1 | 0  | 4             |                                                                                                                          |
| 3     | DEX 603    | ELECTIVE I                             | 70                     | 30  | 35             | 15  | 150         | 3                | 1 | 2  | 6             |                                                                                                                          |
| 4     | DEX 604    | MAJOR PROJECT                          | -                      | -   | 150            | 50  | 200         | -                | - | 4  | 2             |                                                                                                                          |
| 5     | DEX 605    | INDUSTRIAL TRAINING (2 Weeks)          |                        |     | 100            | 50  | 100         | -                | - | 4  | 2             |                                                                                                                          |
| 6     | DEX 606    | PROFESSIONAL ACTIVITIES (EV/DRONE LAB) |                        |     |                |     |             |                  |   |    |               |                                                                                                                          |
| Total |            |                                        | 210                    | 90  | 270            |     | 700         | 9                | 3 | 12 | 20            |                                                                                                                          |

|           |                   |                                  |                       |  |
|-----------|-------------------|----------------------------------|-----------------------|--|
| ELECTIVES | A. CONTROL SYSTEM | B. ELECTRICAL VEHICLE TECHNOLOGY | C. INTERNET OF THINGS |  |
|-----------|-------------------|----------------------------------|-----------------------|--|

MST: Mid Semester Test

CAT: Continuous Assessment Theory

EST: End Semester Theory

ESP: End Semester Practical

CAP: Continuous Assessment Practical

L: Lecture

T: Tutorial

\*DEX 606 Non credit course

P: Practical

**Passing marks min 40% required in each CAT/CAP/EST/ESP**