



**Scheme of Examination**

**Department of Mechanical Engineering**

**Diploma (Mechanical Engineering)**

**Semester VI**

| S. No.       | Subject Code | Subject Name                                | Maximum Marks Allotted |                    |                       |           |         |                       | Hours/Week |          |           | Credits   | Total Marks |
|--------------|--------------|---|------------------------|--------------------|-----------------------|-----------|---------|-----------------------|------------|----------|-----------|-----------|-------------|
|              |              |   | Theory                 |                    |                       | Practical |         |                       | L          | T        | P         |           |             |
|              |              |   | End Sem Test (EST)     | Mid Sem Test (MST) | Continuous Evaluation | End sem   | Mid Sem | Continuous Evaluation |            |          |           |           |             |
| 1            | MEC650       | Elective-II                                 | 60                     | 30                 | 10                    | -         | -       | -                     | 3          | 1        | -         | 4         | 100         |
| 2            | MEC660       | Automobile Engineering and Concepts         | 40                     | 20                 | 10                    | 30        | -       | -                     | 2          | 1        | 2         | 4         | 100         |
| 3            | MEC670       | Refrigeration and Air Conditioning Concepts | 40                     | 20                 | 10                    | 30        | -       | -                     | 2          | 1        | 2         | 4         | 100         |
| 4            | MEC680       | CAD/CAM                                     | 40                     | 20                 | 10                    | 30        | -       | -                     | 2          | 1        | 2         | 4         | 100         |
| 5            | MEC690       | Project Work                                | -                      | -                  | -                     | 50        | -       | 50                    | -          | -        | 8         | 4         | 100         |
| 6            | MEC700       | Thermal Engineering Lab                     | -                      | -                  | -                     | -         | -       | 50                    | -          | -        | 4         | 2         | 50          |
| <b>Total</b> |              |   |                        |                    |                       |           |         |                       | <b>9</b>   | <b>4</b> | <b>12</b> | <b>22</b> | <b>550</b>  |

|                         |                                   |                                |  |  |  |                         |  |  |  |                        |  |  |  |
|-------------------------|-----------------------------------|--------------------------------|--|--|--|-------------------------|--|--|--|------------------------|--|--|--|
| Elective-II             |                                   |                                |  |  |  |                         |  |  |  |                        |  |  |  |
| MEC651                  | Machine Design                    |                                |  |  |  |                         |  |  |  |                        |  |  |  |
| MEC652                  | Operations Research               |                                |  |  |  |                         |  |  |  |                        |  |  |  |
| MEC653                  | Non Conventional Source of Energy |                                |  |  |  |                         |  |  |  |                        |  |  |  |
| <b>Dean (Academics)</b> |                                   | <b>Controller Examinations</b> |  |  |  | <b>Signature of HOD</b> |  |  |  | <b>Vice Chancellor</b> |  |  |  |