

**Program Name:** -Master of Technology (ENVIRONMENTAL ENGINEERING)

**Program Code:** ET212

**Effect from Academic Year:** 2023-24

**Semester / Year :-** Semester I /First Year

| Course code | Course Name                                              | Credit    | Hours per week |          |          |           | Theory (Marks) |            |           |            | Practical (Marks) |           |           |           | Total Marks |
|-------------|----------------------------------------------------------|-----------|----------------|----------|----------|-----------|----------------|------------|-----------|------------|-------------------|-----------|-----------|-----------|-------------|
|             |                                                          |           | L              | T        | P        | Total     | SEE            |            | CCA       |            | SEE               |           | CCA       |           |             |
|             |                                                          |           |                |          |          |           | Min.           | Max.       | Min.      | Max.       | Min.              | Max.      | Min.      | Max.      |             |
| 2ET2000101T | Research Methodology and Technical Communication         | 2         | 2              | -        | -        | 2         | -              | -          | 16        | 40         | -                 | -         | -         | -         | 40          |
| 2ET2120101T | Fundamentals of Water and Wastewater Treatment           | 3         | 3              | -        | -        | 3         | 24             | 60         | 16        | 40         | -                 | -         | -         | -         | 100         |
| 2ET2120101P | Fundamentals of Water and Wastewater Treatment Practical | 1         | -              | -        | 2        | 2         | -              | -          | -         | -          | 10                | 25        | 10        | 25        | 50          |
| 2ET2120102T | Air and Noise Pollution                                  | 3         | 3              | -        | -        | 3         | 24             | 60         | 16        | 40         | -                 | -         | -         | -         | 100         |
| 2ET2120102P | Air and Noise Pollution Practical                        | 1         | -              | -        | 2        | 2         | -              | -          | -         | -          | 10                | 25        | 10        | 25        | 50          |
| 2ET2120103T | Environmental Chemistry & Microbiology                   | 3         | 3              | -        | -        | 3         | 24             | 60         | 16        | 40         | -                 | -         | -         | -         | 100         |
| 2ET2120103P | Environmental Chemistry & Microbiology Practical         | 1         | -              | -        | 2        | 2         | -              | -          | -         | -          | 10                | 25        | 10        | 25        | 50          |
|             | <b>Elective-1</b>                                        | 4         | 3              | 1        | -        | 4         | 24             | 60         | 16        | 40         | -                 | -         | -         | -         | 100         |
| 2ET2120104T | Environmental Impact Assessment-                         |           |                |          |          |           |                |            |           |            |                   |           |           |           |             |
| 2ET2120105T | Collection and Conveyance of Water and Wastewater        |           |                |          |          |           |                |            |           |            |                   |           |           |           |             |
|             |                                                          | <b>18</b> | <b>14</b>      | <b>1</b> | <b>6</b> | <b>21</b> | <b>96</b>      | <b>240</b> | <b>80</b> | <b>200</b> | <b>30</b>         | <b>75</b> | <b>30</b> | <b>75</b> | <b>590</b>  |

L=Lecture, T=Tutorial, P=Practical

SEE= Semester End Evaluation

CCA = Continuous & Comprehensive Assessment