

**DEPARTMENT OF CIVIL ENGINEERING**

**Name of the Subject: Traffic Engineering**

**Subject Code: CE714PE**

**Year/ Sem: IV/I**

**Regulation: R16**

|            |  |
|------------|--|
| <b>CO1</b> | Able to <b>Understand</b> the basic principles of Traffic engineering. |
| <b>CO2</b> | Able to <b>analyze</b> parking data and model accidents.               |
| <b>CO3</b> | Able to <b>explain</b> the Capacity and LOS.                           |
| <b>CO4</b> | Able to <b>design</b> signals considering various parameters.          |
| <b>CO5</b> | Able to <b>explain</b> the transportation system management.           |

**Mapping Matrix of CO's and PO's:**

|            | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO<br>1 | PSO<br>2 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|----------|----------|
| <b>CO1</b> | X   | X   |     |     | X   |     |     |     |     |      |      |      | X        | X        |
| <b>CO2</b> | X   | X   |     |     | X   |     |     |     |     |      |      |      | X        | X        |
| <b>CO3</b> | X   | X   |     |     | X   |     |     |     |     |      |      |      | X        | X        |
| <b>CO4</b> | X   | X   |     |     | X   |     |     |     |     |      |      |      | X        | X        |
| <b>CO5</b> | X   | X   |     |     | X   |     |     |     |     |      |      |      | X        | X        |

Course Coordinator

Program Coordinator

HoD