

**DEPARTMENT OF CIVIL ENGINEERING**

**Name of the Subject: Foundation Engineering**

**Subject Code: CE723PE**

**Year/ Sem: IV/I**

**Regulation: R16**

<b>CO1</b>	Able to <b>Analyze</b> the need and methods of soil exploration and to learn the field test and soil investigation.
<b>CO2</b>	Able to <b>Apply</b> knowledge for stability of slopes of earth dams under different conditions
<b>CO3</b>	Able to <b>interpret</b> the earth pressure theories and design of retaining walls
<b>CO4</b>	Able to <b>explain</b> the theory of shallow foundation and to understanding the concept of pile foundation
<b>CO5</b>	Able to <b>Describe</b> the properties of pile and well foundation and their functions.

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

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

Course Coordinator

Program Coordinator

HoD