

**DEPARTMENT OF CIVIL ENGINEERING**

**Name of the Subject: Soil Mechanics Lab**

**Subject Code: CE604PC**

**Year/ Sem: III/II**

**Regulation: R16**

<b>CO1</b>	Able to <b>Perform</b> Atterberg limits test and sieve analysis for quality control
<b>CO2</b>	Able to <b>Analyze</b> the behavior of soil by CBR test and tri-axial test
<b>CO3</b>	Able to <b>Interpret</b> Direct shear test , Vane shear strength parameters and unconfined compression
<b>CO4</b>	Able to <b>Conduct</b> Constant head and variable head test for permeability.
<b>CO5</b>	Able to <b>Conduct</b> One Dimensional consolidation Test and compaction Test

**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		X	X
<b>CO2</b>	X	X		X	X		X				X		X	X
<b>CO3</b>	X	X		X	X		X				X		X	X
<b>CO4</b>	X	X		X	X		X				X		X	X
<b>CO5</b>	X	X		X	X		X				X		X	X

Course Coordinator

Program Coordinator

HoD