

**DEPARTMENT OF CIVIL ENGINEERING**

**Name of the Subject: ERDSS**

**Subject Code: CE614PE**

**Year/ Sem: III/II**

**Regulation: R16**

<b>CO1</b>	Able to <b>Describe</b> the behavior of natural and engineered soil slopes under various weather and engineering conditions.
<b>CO2</b>	Able to <b>Explain</b> the factors that may affect the stability of slopes.
<b>CO3</b>	Able to <b>Select</b> an appropriate slope stability analysis method subject to geometry of slope, material properties, and uncertainty of observations
<b>CO4</b>	Able to <b>Assess</b> the potential landslide risk of slopes.
<b>CO5</b>	Able to <b>Design</b> earth and rock fill dams, get familiarity with slope stability Calculations and prevention techniques for slope failures.

**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
<b>CO5</b>	X	X	X	X									X	X

Course Coordinator

Program Coordinator

HoD