

## NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

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## DEPARTMENT OF CIVIL ENGINEERING

Name of the Subject: Soil Mechanics Lab

Subject Code: CE604PC

Year/ Sem: III/II Regulation: R16

CO1	Able to <b>Perform</b> Atterberg limits test and sieve analysis for quality control
CO2	Able to <b>Analyze</b> the behavior of soil by CBR test and tri-axial test
CO3	Able to <b>Interpret</b> Direct shear test, Vane shear strength parameters and unconfined compression
CO4	Able to <b>Conduct</b> Constant head and variable head test for permeability.
CO5	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	PSO
													1	2
CO1	X	X		X	X		X				X		X	X
CO2	X	X		X	X		X				X		X	X
CO3	X	X		X	X		X				X		X	X
CO4	X	X		X	X		X				X		X	X
CO5	X	X		X	X		X				X		X	X