

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

Approved by AICTE, New Delhi, Affiliated to JNTU - Hyderabad. CAMPUS: Chowdariguda (V), Korremula X Road, Ghatkesar (M), Ranga Reddy Dist - 500 088 Ph: +91- 8415-255777 Fax: 08415 - 255666 Email: admin@nnres.org

## DEPARTMENT OF CIVIL ENGINEERING

Name of the Subject: Ground Improvement Techniques Subject Code: CE733PE

Year/ Sem: IV/I Regulation: R16

CO1	Able to <b>understand</b> the basic concepts of Ground Improvement Techniques											
CO2	Able to <b>explain</b> the concept of mechanical and hydraulic modifications.											
CO3	Able to <b>explain</b> the concept of physical and chemical modifications.											
CO4	Able to <b>explain</b> the concept of modification by inclusions and confinement.											
CO5	Able to <b>identify</b> the suitable ground improvement techniques for specific project and its implications.											

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	PSO
	POI	POZ	103	PU4	105	POO	PO/	PU	P09	POIU	PUII	PO12	1	2
CO1	X	X			X								X	X
CO2	X	X			X								X	X
CO3	X	X			X								X	X
CO4	X	X			X								X	X
CO5	X	X			X								X	X

Course Coordinator

**Program Coordinator** 

HoD