

## 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: Strength of Materials Lab

Subject Code: CE307PC

Year/ Sem: II/I Regulation: R18

CO1	Able to <b>Determine</b> hardness of metals.
CO2	Able to <b>Classify</b> the materials like steel, concrete, etc. depending upon the strength.
CO3	Able to <b>Find</b> out the compression strength of spring, wood and concrete
CO4	Able to <b>Determine</b> the Elastic Constants of steel by conducting flexural and torsion tests
CO5	Able to <b>Find</b> out the Tensile strength of Materials like steel, etc. by Tension 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
CO3	X				X	X	X		X	X				
CO4	X				X	X	X			X			X	
CO5	X				X	X	X			X				X

**Course Coordinator** 

**Program Coordinator** 

HoD