

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: Building Materials Construction and Planning Subject Code: CE403PC

Year/ Sem: II/II Regulation: R18

CO1	Able to understand the types of building stones and bricks and their composition and										
	characteristics.										
CO2	Able to discuss the manufacturing process of timber, aluminum, glass, paints, plastics, cement,										
	different tests on cement and various types of admixtures.										
CO3	Able to explain building components like lintels, arches, walls, vaults, stair cases, floors and										
	building services of plumbing, sanitary, ventilation, etc.,										
CO4	Able to discuss about mortars, masonry, finishes and formwork.										
CO5	Able to understand about building planning and bye-laws.										

Mapping Matrix of CO's and PO's:

	DO1	DO3	DO2	DO4	DO5	DO.	DO7	DO0	DOO	DO10	DO11	DO12	PSO	PSO
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	1	2
CO1	X												X	
CO2	X						X	X					X	X
CO3	X		X	X	X		X						X	X
CO4	X			X									X	X
CO5	X		X	X									X	X