

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

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## DEPARTMENT OF CIVIL ENGINEERING

Name of the Subject: Transportation engineering

Subject Code: CE701PC

Year/ Sem: IV/I Regulation: R16

CO1	Able to <b>Explain</b> about Highway development and planning and evaluate the highway cross section elements
CO2	Able to <b>Construct</b> the different types of Curves, Gradients, Super elevation and extra widening for highways.
СОЗ	Able to <b>Understand</b> the Traffic Parameters, Traffic signs, Road markings and Traffic signal phasing timings
CO4	Able to <b>Define</b> Intersections and choose the intersections for controlling of traffic in pavements
CO5	Able to <b>Explain</b> about Highway materials and maintenance for the construction of Highways

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

	PO1	DO2	PO3	DO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO	PSO
	POI	PO2	PO3	PO4									1	2
CO1	X	X		X		X							X	
CO2	X		X	X	X	X			X				X	X
CO3	X	X	X	X	X	X	X						X	X
CO4	X	X	X	X		X							X	X
CO5	X		X	X		X	X		X				X	X