

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

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DEPARTMENT OF CIVIL ENGINEERING

Name of the Subject: NCPG Subject Code: EE5110E

Year/ Sem: III/I Regulation: R16

Able to explain renewable energy sources and systems.
Able to apply engineering techniques to build solar, wind, tidal, geothermal, biofuel, fuel cell,
hydrogen and sterling engine. Abla to analyze and avaluate the implication of renewable energy, concerts in calving numerical.
Able to analyze and evaluate the implication of renewable energy, concepts in solving numerical problems pertaining to solar radiation geometry and wind energy systems.
Able to demonstrate self learning capability to design and establish renewable energy systems.
Able to conduct experiments to assess the performance of solar PV, solar thermal and biodiesel systems.

Mapping Matrix of CO's and PO's:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
	X	X	X			X	X	X	X	X			1	
CO1	21	21				21	21	21	21	21				
CO2	X	X	X											
CO3	X	X	X	X	X			X		X				
CO4	X				X	X	X		X					
CO5	X					X	X	X	X	X				