DEPARTMENT OF CIVIL ENGINEERING

Name of the Subject: NCPG **Subject Code: EE511OE**

Year/ Sem: III/I **Regulation: R16**

CO1	Able to **explain** renewable energy sources and systems.
CO2	Able to **apply** engineering techniques to build solar, wind, tidal,geothermal,biofuel,fuel cell, hydrogen and sterling engine.
CO3	Able to **analyze** and **evaluate** the implication of renewable energy, concepts in solving numerical problems pertaining to solar radiation geometry and wind energy systems.
CO4	Able to **demonstrate** self learning capability to design and establish renewable energy systems.
CO5	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
CO1	X	X	X			X	X	X	X	X				
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				

Course Coordinator Program Coordinator HoD