# PVP-19

		ENVIE	RONMENTAL N	MANAGEMI	ENT	
Course	e Code	19ES5601A	Year	III	Semester	II
Cours	e	Open	Branch	ECE	Course Type	Theory
Catego	ory	Elective II				
Credit	S	3	L-T-P	3-0-0	Prerequisites	
Contir	nuous	30	Semester	70	Total Marks:	100
Intern	al		End			
Evalua	ation:		<b>Evaluation:</b>			
·			~ ~ ~			
			Course Out			
After s		•	the course, the st			
<b>G G A</b>			tal management	1 1		
CO1	-	±	t & Economic su	•		
GOA		•	cal and conceptu	al issues relat	ing to	
CO2		mental.(L3)				
	2				late in both oral a	
<b>CO</b> 2			of contemporary of	environmental	l management dec	1810n-
CO3	making.	· · · ·				
GOA				1	l analytical tools t	0
<b>CO4</b>			itcome to enviror	•		
		•		apers/briefing	s to communicate	
CO5	risk/solu	utions to stakeho	olders.(L3)			

	Contr	ibutio		ourse C rength (						0		Outco	mes &	
	PO1	PO2	PO3	PO4	PO5	PO6	<b>PO7</b>	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3						2							
CO2	3						2							
CO3	3						2							
CO4	3						2							
CO5	3						2							
Average *														
(Rounde d to nearest integer)	3						2	2						

	Syllabus	
UNIT	Contents	Mapped
NO		Cos
Ι	The atmosphere and human activities	CO1
	structure and composition of the atmosphere , Atmospheric pollution and causes describe and explain the causes, with reference to London smog, acid rain, ozone layer depletion, greenhouse effect, and their impact on people and environment ,Managing atmospheric pollution by people, governments and individuals to reduce the global impacts, Case study New Delhi Smog.	CO2

### **PVP-19**

II	Water and its management					
	Global water distribution state the distribution, Water quality and	CO2				
	availability - water-rich and water-poor countries, Multipurpose					
	dam projects -Impacts -case studies- chipko movement, Narmada					
	bachavo andholan ,Water pollution and its sources ,Managing					
	pollution of fresh water -Case study-Ganga River, Water related					
	diseases and Management.					
III	Energy and the environment					
	Classify energy resources as non-renewable and renewable, Fossil	CO3				
	fuel formation, Energy demands, Conservation and management of					
	Non-renewable energy resources, Alternate energy sources to meet					
	the present demand.	CO1				
IV	Managing natural hazards					
	Earthquakes and volcanoes Management - Case study, Earthquake	CO4				
	management in California, Tropical cyclones- storms, hurricanes,					
	typhoons-Case study Managing cyclone impact in Orissa, India,					
	Flooding -Case study Flooding in Bangladesh, Drought -Case					
	study Drought in the India.					
V	Techniques for investigation and examination					
	Investigation skills-EIA, Methods for local investigations – EIA					
	statement ,Examination techniques-Policy framing- Odd and Even					
	rule in Delhi.( Using Software)					

## Learning Recourses

### **Text Books**

- 1. Agarwal, K.M., Sikdar, P.K., Deb., S.C (2005) A Text Book of Environment, Macmillan India Limited.
- 2. Sharma, R.D. (1976), Organisational Management, Light and Life Publishers, New Delhi.
- 3. Varma and Agarwal, Theory & practice of Management Forward Book Depot, New Delhi.

### **Reference Books**

- 1. Kovntz, H and C. Danvel (1978): Essential of management, second edition, Tata Mc Graw Hill publishing company, New Delhi.
- 2. Erickson, P.A. (1977) Environmental Impact Assessment Principles an3. Erickson, P.A. (1977)