

MOTHER THERSEA INSTITUTE OF ENGINEERING & TECHNOLOGY
PALAMANER - 517408
ENVIRONMENTAL STUDIES - LESSON PLAN

Lecturer: T Siva Bharatha Murthy

Branch: CIV/MEC/CSE

Text Book: Kaushik & Kaushik - Environmental Studies III ed

Class No.	Topic	Unit	Page no	Estimated completion
1	Introduction, Scope in technical studies through evolutionary studies	I	1 - 5	JAN
2	Importance, Need of Public awareness		5 - 10	JAN
3	Introduction to natural resources, Forest resources	II	11 - 19	JAN
4	Forest resources, Water resources		19 - 28	JAN
5	Water resources		28 - 37	JAN
6	Mineral & Food resources		37 - 46	JAN
7	Energy Resources		47 - 54	JAN
8	Energy Resources		55 - 62	FEB
9	Land Resources		63 - 68	FEB
10	Role of individual in conservation of natural resources		68 - 73	FEB
11	Case studies and left overs of II unit		-	FEB
12	Introduction to ecosystems		III	79 - 81
13	structure & function of ecosystems	82 - 85		FEB
14	Energy flow of ecosystems	85 - 89		FEB
15	Ecological succession	90 - 95		FEB
16	ecosystem studies & statistics	95 - 100		FEB
17	Forest ecosystem	100 - 104		FEB
18	Grass lands, desert ecosystems	104 - 106		FEB
19	Aquatic ecosystems.	107 - 110		FEB
20	Case studies and left overs of III unit	-		FEB
21	Introduction to Bio-diversity	IV	114 - 116	MAR
22	Biogeographical classification of India		116 - 117	MAR
23	Value of biodiversity		118 - 121	MAR
24	Biodiversity at Global & National level		121 - 124	MAR
25	HotSpots of Biodiversity		125 - 128	MAR
26	Threats to Biodiversity		128 - 132	MAR
27	Endangered and endemic species of India		132 - 135	MAR
28	Conservation of Biodiversity		136 - 138	MAR
29	Case studies and left overs of IV unit		-	MAR
30	Field Work	VIII	281 - 287	MAR
31	Introduction to Environmental Pollution	V	142 - 145	MAR
32	Air Pollution		145 - 149	MAR
33	Noise Pollution & Water Pollution		149 - 155	MAR
34	Thermal Pollution & Marine Pollution		156 - 163	MAR
35	Soil Pollution & Nuclear Hazards		163 - 170	MAR
36	Solid waste management		171 - 174	APR
37	Role of Individual in pollution prevention		174 - 176	APR

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Class No.	Topic	Unit	Page no	Estimated completion
38	Pollution case studies.		177 - 181	APR
39	Disaster management		181 - 185	APR
40	Case studies and left overs of V unit		186 - 187	APR
41	Introduction to environmental issues - unsustainable to sustainable development	VI	193 - 196	APR
42	Urban Problems related to energy.		197 - 199	APR
43	Water conservation		199 - 203	APR
44	Resettlement and Rehabilitation		203 - 206	APR
45	Environmental ethics		206 - 210	APR
46	Climate change & environmental issues		210 - 215	APR
47	Environmental issues		215 - 220	APR
48	Wasteland Reclamation		220 - 225	APR
49	Consumerism and Waste products.		225 - 228	APR
50	WPA & FCA		229 - 231	APR
51	APCP and WPCP Acts		231 - 235	APR
52	EPA		235 - 236	MAY
53	Legislative issues of environment		237 - 240	MAY
54	Public awareness		240 - 244	MAY
55	Case studies and left overs of VI unit			-
56	Introduction to Demographic studies	VII	250 - 254	MAY
57	Population explosion		255 - 259	MAY
58	Environment & Human Health		259 - 261	MAY
59	Human Rights & Value of Education		262 - 267	MAY
60	HIV/AIDS		267 - 270	MAY
61	Women & Child Welfare		270 - 273	MAY
62	Role of Information technology in Environment & human health.		273 - 277	MAY
63	Case studies and left overs of VII unit		-	MAY