

MOTHER THERSEA INSTITUTE OF ENGINEERING & TECHNOLOGY  
PALAMANER - 517408  
ENVIRONMENTAL STUDIES (13A01403) - LESSON PLAN

Lecturer: T Siva Bharatha Murthy

Branch: EEE/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	JUL
2	Importance, Need of Public awareness		5 - 10	AUG
3	Introduction to natural resources, Forest resources		11 - 19	AUG
4	Forest resources, Water resources		19 - 28	AUG
5	Water resources		28 - 37	AUG
6	Mineral & Food resources		37 - 46	AUG
7	Energy Resources		47 - 54	AUG
8	Energy Resources		55 - 62	AUG
9	Land Resources		63 - 68	AUG
10	Role of individual in conservation of natural resources		68 - 73	AUG
11	Case studies and left overs of II unit		-	AUG
12	Introduction to ecosystems	II	79 - 81	AUG
13	Structure & Function of ecosystems		82 - 85	AUG
14	Energy flow of ecosystems		85 - 89	AUG
15	Ecological succession		90 - 95	AUG
16	Ecosystem studies & Statistics		95 - 100	AUG
17	Forest ecosystem		100 - 104	AUG
18	Grass lands, Desert ecosystems		104 - 106	SEP
19	Aquatic ecosystems.		107 - 110	SEP
20	Case studies and left overs of III unit		-	SEP
21	Introduction to Bio-diversity		114 - 116	SEP
22	Biogeographical classification of India		116 - 117	SEP
23	Value of Biodiversity		118 - 121	SEP
24	Biodiversity at Global & National level		121 - 124	SEP
25	HotSpots of Biodiversity		125 - 128	SEP
26	Threats to Biodiversity		128 - 132	SEP
27	Endangered and endemic species of India		132 - 135	SEP
28	Conservation of Biodiversity		136 - 138	SEP
29	Case studies and left overs of IV unit	-	SEP	
30	<b>Field Work</b>	V	281 - 287	SEP
31	Introduction to Environmental Pollution	III	142 - 145	SEP
32	Air Pollution		145 - 149	SEP
33	Noise Pollution & Water Pollution		149 - 155	SEP
34	Thermal Pollution & Marine Pollution		156 - 163	SEP
35	Soil Pollution & Nuclear Hazards		163 - 170	SEP
36	Solid waste management		171 - 174	SEP
37	Role of Individual in pollution prevention		174 - 176	SEP

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