



Peacock

Regd No : 2607298

3rd & 5th Sem

EXECUTIVE LONG BOUND EXERCISE BOOK

2023(W)

Discipline

Semester

Name of the teaching faculty

Mechanical Engg
Subject

3rd
no of days/week

Lipra Patel

Environment-
extal studies
& smart tech

4

Semester from dates
Aug 1 to Dec 9

week

class days

Topic

MON

- The multidisciplinary nature of environmental studies.

Tue

- scope delimitation, need for public.

1st

Wed

x

Thu

x

MON

x

Tue

Nature resources.

Renewable & non renewable resources

2nd

Wed

Forest resources - use & over exploitation, deforestation Case Studies.

Thu

Timber extraction mining.

MON

- water resources - use & over utilization of surface & ground water, floods, draught.

3rd

Tue

x

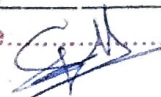
Wed

Conflicts over water, dam's benefit & problems.

Thu

- mineral resources - use & exploitation environmental effect of extracting & using minerals.

Signature



	Mon	Forest resources - wood based products
	Thu	The changes caused by agriculture & organizing & over grazing or effects of modern agriculture
	Wed	- Energy resources - Growing energy needs, renewable & non renewable
	The	energy resources.
	Mon	- Land resources - land as a resource, land degradation, man induces lands
5th	The	soil eroding & desertification.
	Wed	- Role of individuals in conservation of natural resources
	The	x
	Mon	- Concepts of ecosystem.
	The	- Concepts & functions of an ecosystem
6th		Structure & function of an ecosystem
	Wed	- Equitable use of resources for sustainable life style
	The	x
	Mon	- Producers, consumers, decomposers
		- Energy flow in ecosystem
7th	The	- Ecological succession
	Wed	- Food chain, food web, ecological pyramids
	The	Introduction, types, characteristics features structure, function of ecosystem

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	mon	- forest ecosystem
	Tue	- Aquatic ecosystem.
	wed	x
8th		
	The	x
		x
	mon	- Biodiversity & its Conservation
	Tue	- Introduction, definition: genetics, species & ecosystem diversity
9th	wed	- Biogeographically classification of India.
	The	x
	mon	x
	The	- Value of biodiversity - Conservation Consumptive use, productive use, social ethical, aesthetic & opt in values
10th	wed	- Biodiversity at global, national & local level.
	The	- Threats to biodiversity: habitat loss, poaching of wild life, man wild life conflict
	mon	-> Environmental Pollution - Air pollution
	Tue	- water pollution
11th		
	wed	- Soil Pollution - Noise pollution
	The	- Thermal Pollution - Nuclear hazards

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		Mon	- Soil waste management: Causes, effects & control measures of urban & industrial waste
12th		Tue	x
		Wed	x
		Thu	- Role of Individual in preventing pollution
		Mon	- Disaster management: Floods, Earthquake
		Tue	x
		Wed	- Cyclone, land slide
13th			- Social issues & the environment
		Thu	- From Unsustainable to Sustainable dev. Urban problems related to energy.
		Mon	- Water Conservation, rain water harvesting, water shed management
14th		Tue	- Resettlement & Rehabilitation of people, its problem & concern.
		Wed	- Environmental ethics, issue & possible solutions.
		Thu	- climate change, global warming, acid rain, ozone layer depletion, nuclear accidents & holocaust, Case studies.
		Mon	x
			- A
15th		Tue	- Air Act, water act, Public awareness
		Wed	- Small exam session
		Thu	- Human population & the environment
			- Population growth & variation among nations

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	Mon	- Population explosion - family welfare program
16th	Tue	- Environment & human health
	Wed	- Human rights
	Thu	- Value education
	Mon	- Role of Information technology in environment & human health
	Tue	- question, ans session.
17th	Wed	x
	Thu	x

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