

UNIT 4: POLLUTION



OVERVIEW

- ❖ **Definition of Pollution**

- ❖ **Types of Pollution**

- ❖ **Air Pollution:**

 - a. Introduction

 - b. Causes

 - c. Effects

 - d. Prevention

- ❖ **Water Pollution**

 - a. Introduction

 - b. Causes

 - c. Effects

 - d. Prevention

- ❖ **Noise Pollution**

 - a. Introduction

 - b. Causes

 - c. Effects

 - d. Prevention

OVER VIEW

To be continue 2nd Slide

- **Land Pollution**
 - Introduction**
 - Causes**
 - Effects**
 - Prevention**
- **Radio Active Pollution**
 - Introduction**
 - Causes**
 - Effects**
 - Prevention**

DEFINITION OF POLLUTION

- When Harmful Substances Contaminate the Environment it is Called Pollution.
- Pollution refers to the very bad condition of environment in terms of quantity and quality .

Types of Pollution

There are Five types of Pollution

- Air Pollution
- Water Pollution
- Noise Pollution
- Land Pollution
- Radio Active Pollution



What is Atmosphere

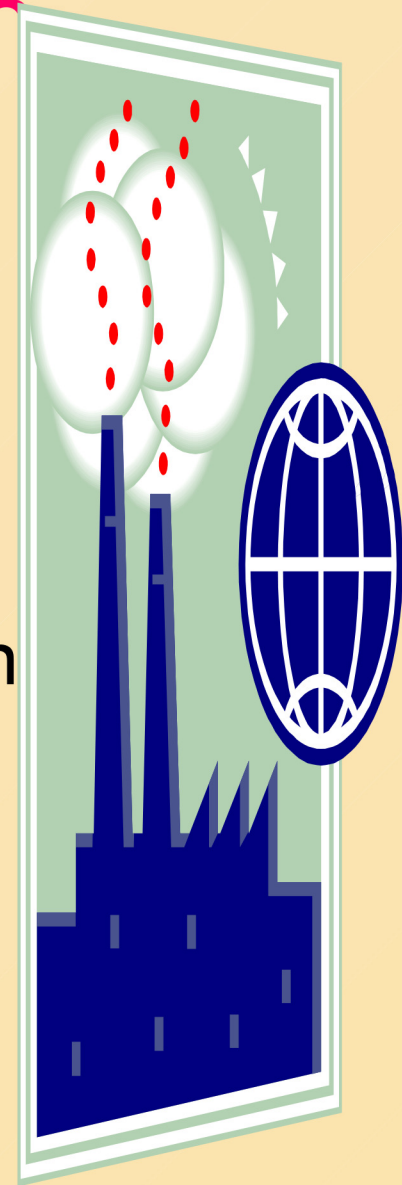
- Atmosphere is the life blanket of Earth.
- It is therefore essential that we know more about the atmosphere and the ways in which it is Polluted.



Causes of Air Pollution

Major sources of Air Pollution

- Industries
- Automobiles and Domestic fuels
- High Proportion of undesirable gases, such as sulphur dioxide and carbon monoxide



Effects of Air Pollution

Air Pollution affects???

- Human health
- Animals
- Plants
- The atmosphere as a whole



How to Avoid Air Pollution

Yes, we can avoid pollution As Follows



**Use natural Gases, like lpg autos
Do not Burst Crackers
Use less Amount of Fuel for Vehicles
Avoid using and use electric stoves
(bio gas)**

NOISELESS ATMOSPHERE

- Noise can be simply defined as unwanted sound.
- The sound is pleasant or not depends upon its loudness, duration, rhythm and the mood of the person.
- Noise pollution not only results in irritation and anger.

Causes of Noise Pollution

- Traffic Noise
- Air craft Noise
- Noise from construction and civil engineering works.
- Noise from the Industries.
- Noise from other sources.

See what is this?

- **Picture shows : Noise Pollution**



Effects of Noise Pollution

- Hearing Loss
- High Blood Pressure
- Stress
- Sleep Disturbance
- Color Blindness

How to Avoid Noise Pollution

- The Government should ensure the new machines that Should be noise proof.
- Air ports must be away from residential area.
- The Sound horn symbol is to be in School Roads.

Prevention of Noise Pollution

- Pleasant Home
- Bhagavan Baba says “Silent is God”.
- We need to talk sweetly to others.
- Talk Less Work More.
- Sound affects our ears so loud noise should be avoided.

Definition of Land Pollution

- One fourth of area is covered by land is Called Land.
- Land is a earth which is occupied by people for shelter, occupation etc..,

Causes of Land Pollution

We can classify major sources that lead to land following Categories

- Mining and quarrying
- Sewage waste
- Household Garbage
- Industrial Waste

Land pollution pictures



Plastic



Chemical



Trash



Fertilization

Effects of Land Pollution

- The Land Cannot be construct house
- Man cannot be farming
- Ground water will gets Affected
- House hold Garbage like putting Plastics

Prevention of Land Pollution

- More and more land should be brought under farming
- Trees should be planted everywhere.
- Waste matter should be disposed immediately
- Avoid drilling the Land for more underground water.
- Avoid using more fertilizers and Pesticides.

Definition of Radio Active Pollution

- Despite the Advantage of nuclear as a clean energy, the big concern is the resulted from nuclear reaction, which is a form of pollution called Radio activity.
- Radiation (Laser-Rays) will from Radio Active Pollution.



Causes of Radio Active Pollution

- Nuclear power plants(Ex:Neyveli,Kalpakkam)
- Nuclear Weapon(Ex:Missiles)
- Disposal of Nuclear Waste
- Uranium Mining

Effects of Radio Active Pollution

- The Diseases include blood in cough
- Ulcer
- Swelling of bone joints
- Cancer
- Lung Cancer
- Skin Cancer
- Bone Cancer
- Eye Problems

How to Prevent of Radio Active Pollution

- Avoid Constructing Nuclear Power Plants
- Avoid Using Nuclear Weapon
- Have Proper Treatment for Nuclear Waste
- Avoid mining for Uranium to a minimal

References

- Science books
- www.google.com
- <http://en.wikipedia.org/wiki/AirPollution>
- Free foto.com