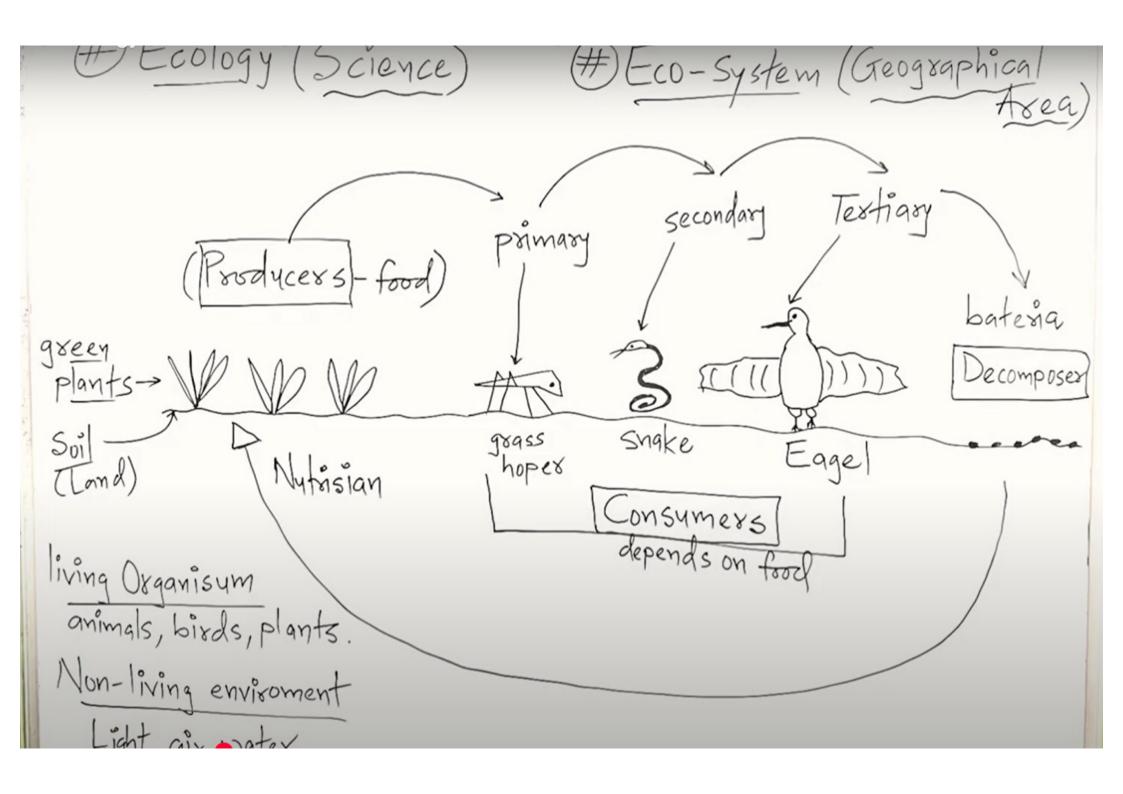
## Introduction

- -- The word enviornment comes from French word 'envison' means soussound.
- -- "It is defined as the conditions of aix, water, land and other things sourrounding of us".
  -- Environment has two parts.

  - OBiotic Part: It is made with all living organisms like -- Plants - animals -birds - micro-organism.
- 2) Abiotic Part: It incluides non-living components of envisonments

  —light, air, water —temperature, humidity.
  - Biotic & Abiotic components of an environment are together

-D Envisonment has basic two categosies.	
D Natural environment	
- Gifted by God and operated by God It has 4 components.	
A. Biosphere: Space occupied by life. B. Atmosphere: Space occupied by air. C. Lithosphere: Space occupied by soil. D. Hydrosphere: Space occupied by water.	
2) Man-made environment	
Created by man by modifing natural environment a e.g:-Dam, -road -industries	S Dex
E.g Dam - road - industries - Canals - Power plant - builton	need.



Ecology.
- " It is a science which deals with the study of
relationship of living organism with each other & their
with non living envisonment".
# Ecosystem:
- It is a geograpical area, where living organism interact
with each other and with non-living environment
e.g Plant +> human to get oxygen. (living) (living)
Soil - plant - plant depends on soil
(non-living) (living)
Types of Eco-system
O Natural Ecosystem 3 Artifical Ecosystem
- Foxest ecosystem - Agyanium Frosystem
- Pond ecosystem - Agricytte field
500 Dasket ecosystem Scrolf-toffatatiscosystem.

DECOSYSIEM has 5 types of organisums.
Producers:
-The organisms which exertes food Green plants, some baterio
Consumers:
The organisms which depends on food on others (Produces).  A. Primary Consumers — Grass hopper eats grass.  B. Secondary consumers — Snake eats Grass hoper.  C. Tertiary Consumers — Egal eats Snake.
Decomposers:
- When consumers died then bacteria will decompose it in soil.
- Again Green plants will depend on soil to execute food called
Producers.
- Which is used by consumers and when they do

will decompose them & cycle will be repeated called ecosystem.

(#) Envisonmental Science:

"It is a scientific study of easth, air, water, and living organisums with their impact on enviornment!

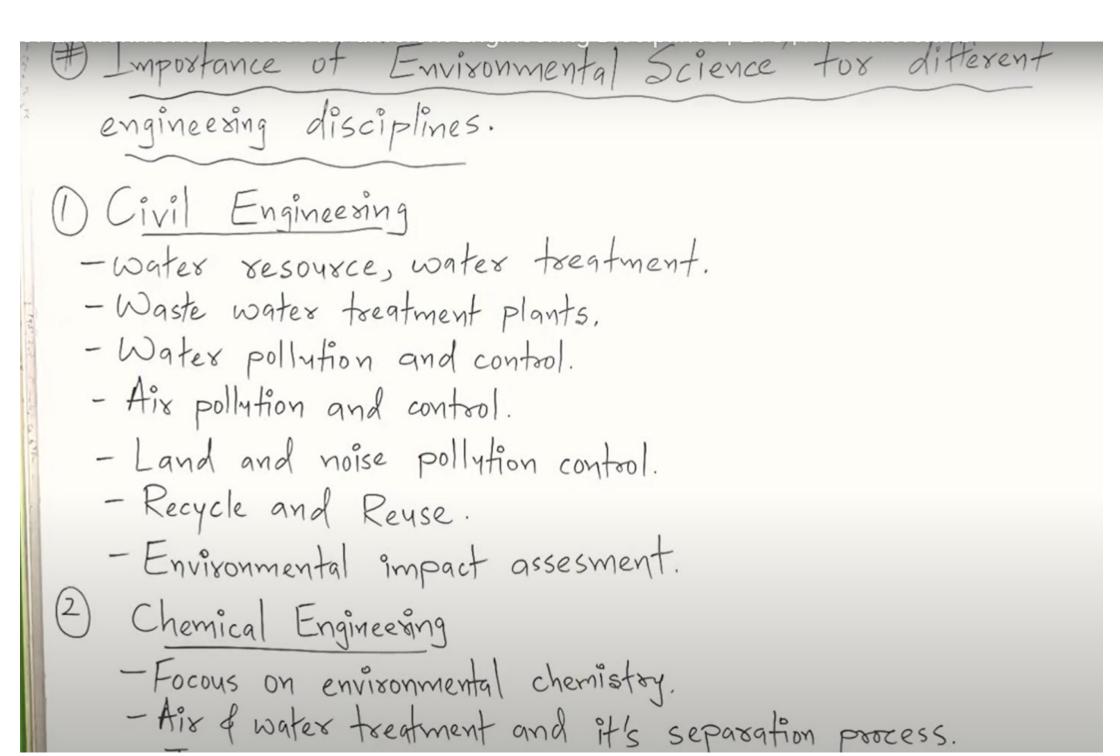
# Envisonmental Engineering:

"By appling engineering concepts, how to protect and enhance the quality of enviornment for public heath and

2.9: 1) A'ix pollution controll equipments, To protect environment.
2) Water treatment plants. - For public health & welfare.

## (#) Envisonmental studies:

- -- The main points of envisonmental studies are:
- O To exerte awaxeness amoung people about the natural resources and their uses.
- 2) To study envisonment pollutions of their control.
- 3) To study human pollytion on environment.
- 4) To study causes of flood, earth quake, lanslide, cyclones, etc.
- To make appropriate judgments and decisions for the protection and improvement of earth.



3) Mechanical Engineering.

- Designing of machines for water treatment plants like Pumping stations and filters.

- Designing of Vehicles which emits less carbon.

(4) Electronics & Electrical Engineering:

- To develop devices which monitor, measure and control the envisonmental impact.
- Monitosing & managing energy generation and it's usage.

(5) Agriculture Engineering:

- Water quality protection. - Air pollution prevention.

- Soil protection.

- Waste management.