



B.Sc. 2nd Sem
Ability Enhancement Compulsory Course (AECC)
Course Code: EVS CBCS



Unit I

The Multidisciplinary Research of Environmental Studies

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Definition:

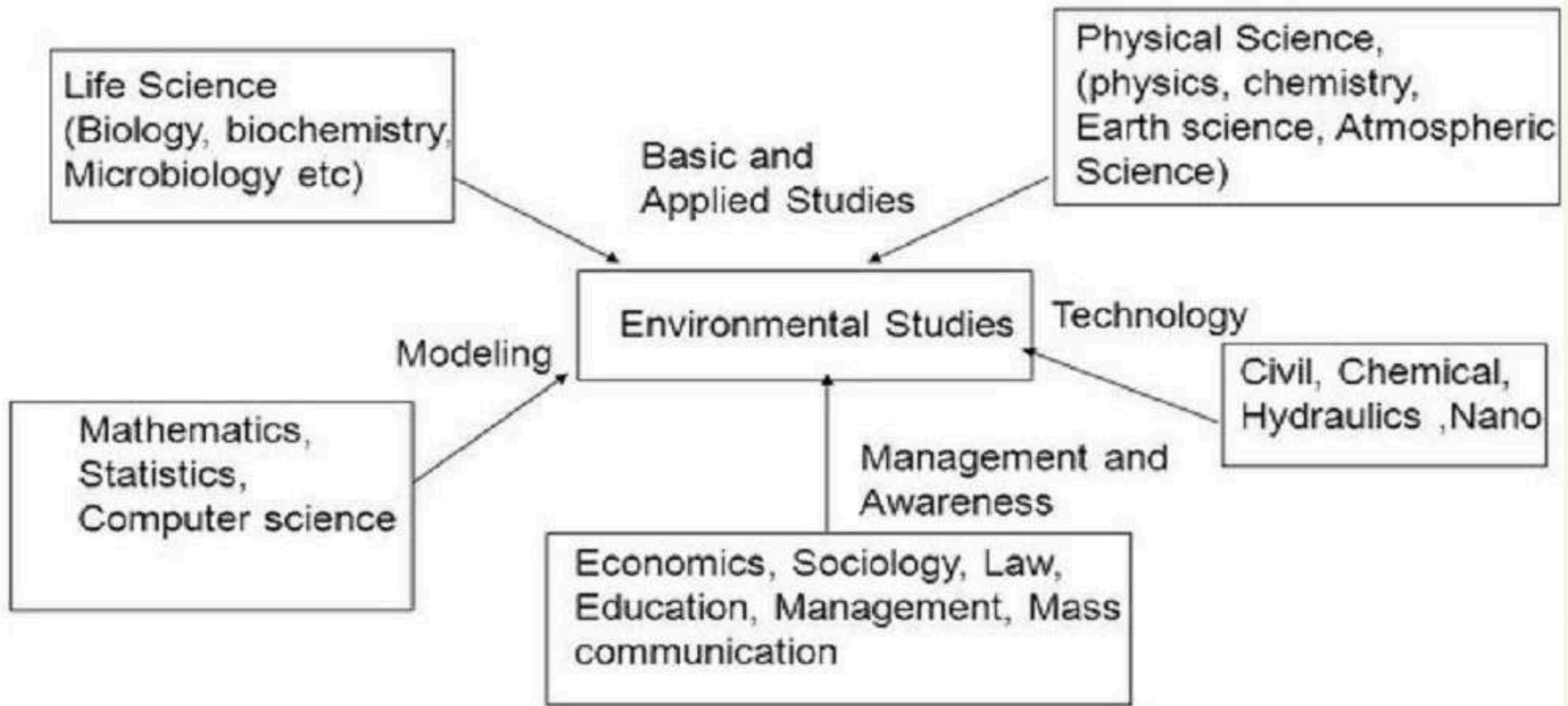
- **Environment studies** is all about learning the way we should live and how we can develop sustainable strategies to protect the **environment** taking into consideration all organism.
- It is a multidisciplinary approach that brings about an appreciation of our natural world and human impacts on its integrity.
- It is an applied science as it seeks practical answers to making human civilization sustainable on the earth's finite resources.



Interdisciplinary

Biology,
Geology,
Chemistry,
Physics,
Engineering,
Sociology,
Health,
Anthropology,
Economics,
Statistics,
Computers
Philosophy.





Scope:

Our natural landscape



When we look around, we see that our surroundings were originally a natural landscape such as a forest, a river, a mountain, a desert, or a combination of these elements.





Our beautiful landscapes have been heavily modified by human beings, in villages, towns or cities.





- But even those of us who live in cities get our food supply from surrounding villages and these, in turn, are dependent on natural landscapes such as forests, grasslands, rivers, seashores, for resources such as water for agriculture, fuelwood, fodder, and fish.
- Thus our daily lives are linked with our surroundings and inevitably affects them.
- Everything around us forms our environment and our lives depend on keeping its vital systems as intact as possible.



Our dependence on nature is so great that we cannot continue to live without protecting the earth's environmental resources. So, the only key is to **RESPECT NATURE.**

From last few years, societies began to believe that easy answers to the question of producing more resources could be provided by means of technological innovations. For example:

Growing more food by using fertilizers and pesticides



Developing better strains of domestic animals and crops



Irrigating farmland through mega-dams and developing industry





Some recent examples:



California wildfire 2020



Amazon Bushfire 2020



Australia Bushfire 2020



Flash flood in Jakarta, Indonesia; 2020



Hurricane Eta in Central America, 2020



Cyclone Amphan in India, 2020



Vizag gas leak, 2020



- Locust attack in India, 2020
- The current outbreak has its roots in the unseasonal heavy rains – caused by climate change in the case of the rains in parts of Africa and the Arabian Peninsula, which have played the most crucial role in the worst locust attack that India has witnessed in decades.



Assam flood



Assam oil and gas leak; Baghjan oil field, Tinsukia; 27th May, 2020

Duration: 6 months

Cause: Natural gas leak which later caught fire

Death: 3

.....To be continued.....

TILL THEN YOU START YOUR RESOLUTION FOR KEEPING ENVIRONMENT CLEAN AND GREEN