



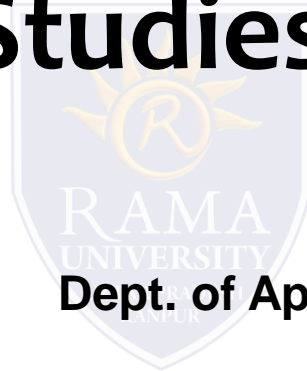
RAMA
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FACULTY OF ENGINEERING AND
TECHNOLOGY

Lecture- 2

Introduction to Environmental Studies



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Subject : Environmental Studies and Disaster Management

Course: B.Sc. Ag. (1st year)

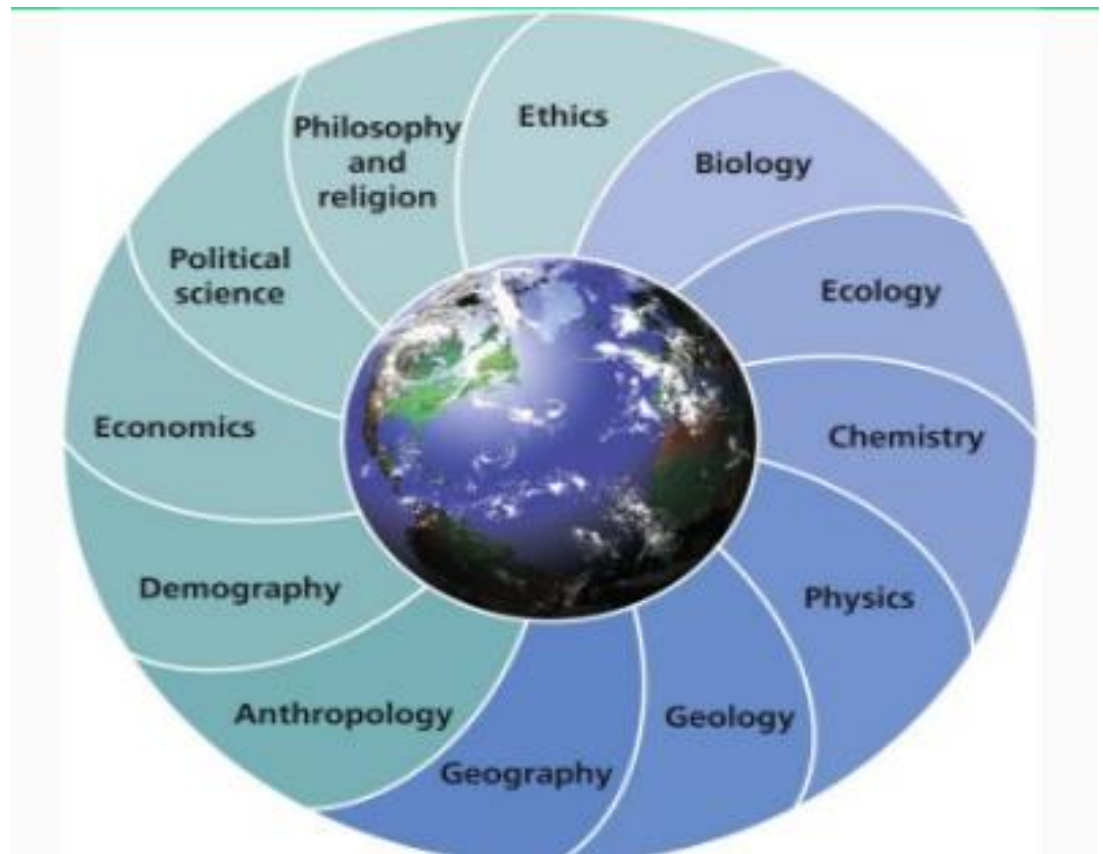
Subject Code: PPY-211

Semester: IInd sem.

Environmental studies

Environmental studies is a multidisciplinary and interdisciplinary subject which deals with various branches of studies like chemistry, physics, geology, hydrology, meteorology, engineering, agriculture, economics, etc.

The multidisciplinary nature of Environmental Studies



Definition...

Environmental studies is the study of environmental issues.

It include study of sources, reaction, transport, effect and fate of chemical species in the air, water and soil, and effect of human and biological activities on these.

It also includes the social aspects of the environment as well as impact of social and cultural activities on environment.



Figure source: <https://images.app.goo.gl/grkbHoD23qkTUCqa6>

Scope of the Environmental Studies

Environmental studies is concerned about environment, activities taking place like agriculture, natural events, industrial operations and others; problems caused with these activities such as pollution, land degradation, etc. and their solutions, hence it has wide scope.

Scope of environmental science include:

- Natural resources-their conservation and management
- Ecology and biodiversity
- Environmental pollution and control
- Social issues in relation to development and environment
- Human population and environment



Importance of Environmental Studies

The importance of environmental studies:

- It provide knowledge of environment and associated problems, thus useful in examining environmental pollution as well as their management and control.
- It helps in maintaining ecological balance.
- It helps to achieve sustainable development
- It helps to protect biodiversity.
- It helps to gain skills to assess the environmental impacts of human activities.
- It helps to use natural resources more efficiently.
- It helps to educate and aware people regarding their duties and responsibilities toward environment protection.
- It provide knowledge useful for practical activities such as agriculture.



