

COURSE TITLE : ENVIRONMENTAL SCIENCE

COURSE CODE: MED CU 107 GE

(40 +10) 2 credits

Objectives:

- To understand environment and its importance in our daily life.
- To develop awareness understanding and concern about environment and associated problems.
- To enable students to understand the conflicts and inequalities that result from the complex interaction of social and environmental factors.
- To encourage inquiry into the role that students can play in dealing with curricular areas that focus on environment.
- To understand the need for remedial ways to protect the environment in daily life and its application.

Unit 1. Introduction to Environment and Environmental Science.

1. Meaning and importance of Environment.
2. Components of Environment.
3. Environment and human health.
4. Definition, principles and scope of Environmental Science.

Unit 2. Environmental Concerns

1. Environmental degradation. its causes and consequences.
2. Environmental problems and their consequences with Special reference to Air pollution, Water Pollution, Ozone depletion.
3. Urbanizations and its causes and consequences.
4. Deforestation and its impact on environment.

Suggested readings:

- Essential Learning in Environmental Education. Ahmadabad. C.E.E. Publication.
- Teaching of environmental science by Singh, Y. K. New Delhi: APH Publishing.
- Environmental Concerns & Strategies by Kaur, T.N New Delhi: Ashish Publication.
- Fundamental of ecology by E.P . Odum.
- Ecology and environment by P D Sharma.
- Perspectives of environmental studies by Kaushik and Kaushik.
- Environmental science by Botkin and Keller.
- Environmental education : Principles and Practices by Carson , Sean Mc B