



Department of **ENVIRONMENTAL SCIENCES**

The Department of Environmental Studies happens to be one of the youngest departments of GPGCW, Rohtak. The DGHE directions made it mandatory for every student who took admission in the academic year 2011-12, in all the colleges of Haryana, to undertake one semester, compulsory course on environmental studies. Every student needs to undertake compulsory course on Environmental Studies at the end of second semester of the first academic year.

The Department of Environmental Studies coordinates and teaches the Course on Environmental Studies to all students who are enrolled in other departments of the College. Environmental Studies is a highly specialized interdisciplinary subject and imparting environmental education therefore requires academicians who are trained in the subject. The Department of Environmental Studies comprises faculty who possess such qualifications and are highly qualified in their respective areas of expertise.

The Department of Environmental Studies is well connected with eminent academicians, scholars, and researchers from various disciplines who have contributed significantly to the multidisciplinary field of Environmental Studies. The Department adopts classroom, field and project-based approach for teaching environmental studies and for ensuring that students develop an overall understanding of the subject. The Department also facilitates the participation of students in various environment related workshops, conferences and seminars.

Aim of Environment Science Department

The subject “Environmental Studies” aim to develop critical thinking for shaping strategies (scientific, social, economic, administrative, and legal) for environmental protection, conservation of biodiversity, ecosystem sustainability, environmental equity, environmental legislation, and sustainable development.

Besides imparting knowledge to students, this subject will grow moral and ethical values among them which will further help in cultivating a positive attitude towards environmental resources with active participation in solving current environmental problems and preventing the future ones. For providing significant solution to different environmental problems, environmental skills are essential. This subject will help in encouraging the students to move towards ecofriendly activities.

Scope for students

The students are expected to become environmentally, socially and culturally informed and responsible citizens who will be empowered to protect natural resources while ensuring a maintainable lifestyle and development model.

Vision & Mission of the Department

The vision of the department is to create and expand disciplinary knowledge, critical thinking, critical mass with moral and ethical reasoning and a good use of the earth's resources.

The mission is to enhance comprehensive understanding about various aspects of life forms, ecological processes and the impact of human activity on the environment.

Courses:

The Department of Environmental Sciences offers a compulsory course on environmental studies. Every student including Pass and Honors course needs to undertake compulsory course on Environmental Studies at the end of second semester of the first academic year.

Environmental Science is also teach in Post-graduation classes, CBCS system, in second and third semester.

Objectives:

1. After completion of degree, students gained the theoretical as well as practical knowledge of Environment and ecology
2. EVS mostly used by the researchers in every science subjects. They use their skills to collect the relevant problem and its associated hazards. Otherwise, it results in a loss of life of plant biota and animal fauna, environmental diseases and impact data on population.
3. In everyday life we make many actions. For examples, we put the fertilizers in the agricultural fields for better yield but we don't know that we taking the pollutant or chemicals indirectly or directly be in our diet through food. Having pollution in each component of environment basically affect us, by in large.
4. The students are able to understand the following components and systems on Earth.

Job Avenues

The global economy and industry with modern technological advances are now increasingly becoming aware of environmental problems and issues. Hence, there is an ever-increasing need of environmentally trained and conscious manpower in the job market. Many government and non-governmental organisations are looking for environmentally trained graduates in the social and developmental sectors.

FACULTY



**Associate Professor and
Head of Department
Mr. Yashpal Khatri
(M.Sc., M.Phil.)**



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