

ENVIRONMENTAL SCIENCE

Vidyasgar College for Women

Environmental Studies Programme Outcomes (PO):

The following program outcomes have been identified for Under Graduate students of Environmental Studies :

PO1: Ability to recognize the need for learning the topic and develop foundational knowledge on the topic

PO2: Ability to develop critical thinking and problem solving skills to solve interdisciplinary issues related to the topic

PO3: Ability to understand the relationships between natural and man-made systems

PO4: Ability to apply statistical methods, ICT and innovative techniques in classroom, field and laboratory to analyze scientific data

PO5: Ability to develop lifelong learning and professional skills

PO6: Ability to design and execute a scientific project, write scientific reports, develop research and communication skills

PO7: Ability to spread awareness about the environment around us, sustainable development and conduct outreach activities

PO8: Ability to gain empirical knowledge on the topic and contribute in decision making processes.

Environmental Studies Course Outcomes (CO):

The intention of course outcomes is to make it clear to the students what they, as learners, are expected to achieve as a result of having successfully completed the Under Graduate course.

The Environmental Studies prepares students for careers as leaders in understanding and addressing complex environmental issues from a problem-oriented, interdisciplinary perspective.

After completing the course in Environmental Studies, students will be able to:

- Articulate the interconnected and interdisciplinary nature of environmental studies;
- Demonstrate an integrative approach to environmental issues with a focus on sustainability;
- Use critical thinking, problem-solving, and the methodological approaches of the social sciences, natural sciences, and humanities in environmental problem solving;
- Communicate complex environmental information to both technical and non-technical audiences;
- Understand and evaluate the global scale of environmental problems; and
- Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a complex, interconnected world.