

ENV102 Introduction to Environmental Engineering

Department of Environmental Science and Engineering - Compulsory Course

Credit: 3 ECTS: 5



Course Description: Introduction to Environmental Engineering" provides foundational knowledge in environmental engineering concepts, ethics, and practices. It covers various topics including environmental pollution sources, water, air, soil pollution, solid waste management, noise, and radioactive pollution. Emphasizing ethical responsibilities in engineering, the course equips students to understand and apply core principles in environmental engineering. Through a student-centred approach, it fosters ethical behaviour and professional accountability in addressing environmental challenges.

Course Outcomes:

- Understand and apply fundamental concepts in environmental engineering.
- Develop a sense of professional and ethical responsibility.
- Gain knowledge of water and wastewater engineering principles, air pollution control, and solid waste management.
- Comprehend environmental legislation and practices.
- Demonstrate critical thinking and problem-solving skills in environmental engineering.

