

12

CHAPTER

UNIT - V

Environmental Issues



Environment is my prime teacher.

- Masanabu Fukuoka

Chapter Outline

- 12.1 Pollution
- 12.2 Air Pollution
- 12.3 Water Pollution
- 12.4 Noise Pollution
- 12.5 Agrochemicals
- 12.6 Biomagnification
- 12.7 Eutrophication
- 12.8 Organic Farming and its Implementation
- 12.9 Solid Waste Management
- 12.10 Ecosan Toilets



Learning Objectives

- Gain knowledge about our environment and its importance.
- Get to know about the effects and after effects of human activities on climate and ecosystem.
- Know about eco-friendly practices for pollution mitigation.
- Acquire insights into solutions to environmental problems.
- Understand the need for peoples' participation in environmental protection.
- Understand the importance of clean environment.



A clean environment is very necessary to live a peaceful and healthy life. But our environment is getting dirty day by day because of our negligence. Earth is currently facing a lot of environmental concerns like air pollution, water pollution, and noise pollution, global warming, acid rain, biomagnification, eutrophication, deforestation, waste disposal, ozone layer depletion and climate change. Over the last few decades, the exploitation of our planet and degradation of our environment have gone up at an alarming rate. As our actions have not been in favour of protecting this planet, we have seen natural disasters striking us more often in the form of flash floods, tsunami and cyclones.

“Every individual should be environmentally aware, regardless of whether they work with environmental issues or not.”

12.1 Pollution

Pollution is any undesirable change in the physical, chemical and biological characteristics of the environment due to natural causes and human activities. The agents which cause pollution are called pollutants. Pollution is