

Course Title	Environmental Management			Course Code	BST 11032		
Year	1	Semester	1	Credits	02	Theory (hr)	20
						Practical (hr)	20
						Independent Learning (hr)	08

Aim of the Course:

To provide the knowledge and skills required to manage the environment using new concepts and technologies that help to develop a sustainable environment

Intended Learning Outcomes:

After completion of this course, the learner should be able to:

- Explain the structure and functions of ecosystems and identify the causes of the present-day environmental crisis.
- Describe the implication of environmental degradation and environmental management strategies to reduce or mitigate environmental problems.
- Describe the procedure for environmental impact assessment.
- Recognize sustainable solutions for environmental issues.

Course Capsule:

Theory
Ecological concepts and ecosystem processes; Environmental issues and environmental degradation; Air, water, land pollution; waste water and solid waste management; Conservation of ecosystem, biodiversity and genetic resources; Renewable energy and Green technological concepts; Environmental management strategies & Environmental impact assessment

Practical
Field visit to Natural forest / Man-made forest / Aquatic environment / National protected area; Environmental related laboratory testing; Biodiversity conservation strategies Video (Assignment / Field visit); Green technology concepts - Video (Assignment / Field visit)

Assessment:

Continuous assessment: 40%
 End semester assessment: 60%