

Course Outcome

Course	Outcome
Ecology and Biodiversity Conservation	Understand the concepts of ecology and environment Study the structure, organization and processes in ecosystem Understand the structural and functional aspects of a population as an ecological unit Explain the concept of biological community, changes and interactions within community. Understand conservation biology, its need and methods
Environmental Geosciences	Give a basic understanding of the various physical or abiotic environment systems. Describe the composition of different physical systems. Outline the features of earth, land, water, soil and oceans. Explain the importance of climate and weather to the global and regional environment. Define and elucidate the various terms related to the physical environment
Environmental Chemistry, Instrumentation and Analytical Techniques	Review some of the fundamental concepts of chemistry. Impart a basic understanding of the chemistry of air water and soil in an environmental perspective.
Environmental Pollution and Management	To educate the students on pollution of water air and soil, impacts of pollution and control measure
Research Methodology and Statistics	Understand various research methodologies and enable them to carryout research projects. Learn statistical methods for data interpretation and analysis. Learn statistical soft wares
Eco Toxicology and Occupational Health Hazards Management	To familiarise the toxicants and their interactions with the ecosystems and various bio-indicators. To aware the occupational hazards and ecological risk assessment and its management.
Environmental Microbiology	To aware applications of microbiology in the field of pollution control and environment management.
Introduction to Geo-informatics	Introducing the concepts of remote sensing and GIS
Environmental Laws, Education and Policies	To aware about environmental laws and policies implemented for the protection of nature.
Environmental Engineering	To introduce the concept of environmental engineering systems and treatment options.
Environmental impact assessment and Audit	To introduce the concept of environmental Impact Assessment (EIA) as a tool for environmental management and to understand the
Environmental Economics and Sustainable Development	Introduce the concept of environmental economics in resource management. To aware the principles, scope and various tools for sustainable development.
Environmental Biotechnology and Waste Management	To aware about the application of biotechnological methods for pollution control and various methods of waste management.
Disaster Management	To introduce various disaster preparedness, response and recovery. And to understand the role of technology in disaster management.
Environmental Planning and Resource Management	To understand about environmental planning and various management methods for natural resources and its management