

B. Sc. Environmental Science UGEVS

Program Out Come

PO1: To understand and appreciate the interrelation existing between Abiotic and Biotic environment Concepts of Environment and Ecology.

PO2: To understand the various forms of Environmental pollution their causes, effects and control. Environmental Health and Safety Management,

PO3: Understand the set of Natural Resource Management,

PO4: Student should be able Environmental Toxicology and Environmental Remediation and Restoration.

PO5: Acquire the Knowledge of recent trend in Environmental Sustainable Development,

PO6: To determine the Environmental Monitoring and Assessment,

PO7: To analysis of Global warming and Climate, Disaster Management, etc.

PO8: Waste Water and Solid Waste Management.

M. Sc. Environmental Science UGEVS

Program Out Come

PO1: To study the ecological factors, structure and function of ecosystem.

PO2: To study about biodiversity and natural resources in the Biosphere.

PO3: To understand the sources, distribution, transport, chemodynamics and fate of chemicals/pollutants in the ecosystems.

PO4: To acquire broad knowledge of Environmental Chemistry including development of methods for ultra-trace analysis of pollutants in air, water, soil and biological matrices.

PO5: To describe important chemical reactions in the lithosphere, hydrosphere and atmosphere, including smog formation, ozone chemistry, acid rain chemistry, etc.

PO6: To understand the structure and composition of the Earth.

PO7: To describe the climatology pattern, changes and its effect on earth.

PO8: To discuss the climate change impact and its mitigation.

CONCEPTS OF ENVIRONMENT- 18SCCES1

PCO1: To know the physical environment encompassing atmosphere, hydrosphere, lithosphere and biosphere

PCO2: To realize the importance of interactions among various spheres and appreciate the inter-relationships among them.

PLANT DIVERSITY AND PHYSIOLOGY, MUSHROOM TECHNOLOGY AND PLANT BIOTECHNOLOGY – 18 SACES1

PCO1: To expose the diversity of plant kingdom and their salient features

PCO2: To acquire skills for engaging themselves in self-employment especially in the broad field of Mushroom Culture.

PCO3: To expose various avenues of opportunities in the field of plant biotechnology considering its recognition, importance and utility value.

ECOLOGY-18SCCES2

PCO1: To understand the ecological principles governing the environment.

PCO2: To understand and appreciate the interrelation existing between Abiotic and Biotic environment

ENVIRONMENTAL POLLUTION -18SCCES3

PCO1: To understand the various forms of pollution their causes, effects and control.

PCO2: To acquire the knowledge of chemical reactions taking places in the environment

Environmental toxicology-18SCCES6

PCO1: To impart the knowledge of principals and scope of toxicology

PCO1:To gain the knowledge about the factors influence the toxicity

Sustainable development-18SCCES7

PCO1: To understand the concepts of sustainable development

PCO2: To know the global issues and initiatives taken for sustainable development

Global warming and climate change-18SMBEES1

PCO1: To understand the main aspects of climate and how it is affected due to various anthropogenic activities.

PCO2: To impart the potential social, economic and environmental consequences of climate change and the actions plans involved in its mitigation

Waste management-18SCCES8

PCO1: To importance of waste management for better living

PCO2: To gain the knowledge on the waste treatment techniques for different kinds of wastes.

ECOTOURISM -182SMBEES2

PCO1: This course introduces the students to the economic, cultural and environmental impacts of ecotourism.

PCO2: To aware of the different ecotourist spots and its activities.

PCO3: To understand ecotourism as a significant aspect of tourism in future.

DISASTER MANAGEMENT- 18SMBEES3

PCO1: The course focuses on the reasons responsible for disaster, its impact on the environment and society.

PCO2: To impart the knowledge on the measures and steps to minimise or overcome the burden on the ecosystem.