

UBAECC 003

Session: 2023-24	Program: B.A./B.Sc./B.Com./B.C.A
Semester: I/III	Subject: Environmental Studies
Course type: AECC	Course Code:
Credit: 02	Lecture: 30
MM: 50(40+10)	Minimum Passing Percentage: 40%

Environmental Studies

Compulsory course on Environmental Studies at UG level (AECC I)

Course Learning Outcomes

The course will empower the undergraduate students by helping them to:

- i. Gain in-depth knowledge on natural processes and resources that sustain life and govern economy.
- ii. Understand the consequences of human actions on the web of life, global economy, and quality of human life.
- iii. Develop critical thinking for shaping strategies (scientific, social, economic, administrative, and legal) for environmental protection, conservation of biodiversity, environmental equity, and sustainable development.
- iv. Acquire values and attitudes towards understanding complex environmental-economic-social challenges, and active participation in solving current environmental problems and preventing the future ones.
- v. Adopt sustainability as a practice in life, society, and industry.

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Introduction

Content: The Compulsory course on Environmental Studies at Undergraduate level (AECC) aims to train students to cater to the need for ecological citizenship through development of a strong foundation on the critical linkages between ecology-society-economy.

Learning Outcome based approach to Curriculum Planning

1. Graduate Attributes in Subject

a. Disciplinary knowledge

Enable students to develop a comprehensive understanding of various facets of life forms, ecological processes, and the impacts on them by humans during the Anthropocene era.

b. Critical thinking

Build capabilities to identify relevant environmental issues, analyse the various underlying causes, evaluate the practices and policies, and develop framework to make informed decisions.

c. Moral and ethical awareness/reasoning

Develop empathy for all life forms, appreciation for the various ecological linkages within the web of life, awareness and responsibility towards environmental protection and nature preservation.

2. Programme Learning Outcome in course

The course will empower the undergraduate students through:

- i. Gaining of in-depth knowledge on natural processes and resources that sustain life and govern economy.
- ii. Understanding and predicting the consequences of human actions on the web of life, global economy, and quality of human life.
- iii. Development of critical thinking for shaping strategies (scientific, social, economic, administrative, and legal) for environmental protection, conservation of biodiversity, environmental equity, and sustainable development.
- iv. Acquisition of values and attitudes towards understanding complex environmental-economic-social challenges, and active participation in solving current environmental problems and preventing the future ones.
- v. Encouraging adoption of sustainability as a practice in life, society, and industry.

3. Qualification Description

Graduates will evolve into ecologically, environmentally, and socially informed and responsible citizens who are empowered to protect the natural resources while ensuring sustainable lifestyle and