

# Learning Outcome Based Curriculum Framework

## Introduction

Content: The Compulsory course on Environmental Science at Undergraduate level (AECCI) aims to train students to cater to the need for ecological citizenship through developing 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 how humans have impacted them during the Anthropocene era.
- b. **Critical thinking Capability** 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 various life forms and appreciate the various ecological linkages within the web of life.

### 2. Programme Learning Outcome in course

The course will empower the undergraduate students by:

- i. Gaining in-depth knowledge on natural processes that sustain life and govern economy.
- ii. Predicting the consequences of human actions on the web of life, global economy and quality of human life.
- iii. Developing critical thinking for shaping strategies (scientific, social, economic and legal) for environmental protection and conservation of biodiversity, social equity and sustainable development.
- iv. Acquiring values and attitudes towards understanding complex environmentaleconomic-social challenges, and participating actively in solving current environmental problems and preventing the future ones.
- v. Adopting sustainability as a practice in life, society and industry.

### **3. Qualification Description**

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