

SEMESTER- II
PAPER CODE: ENVSC 2031 [ENVSC Multidisciplinary: COURSE NO. 1]
BIODIVERSITY CONSERVATION & ECOTOURISM
TOTAL CREDITS: 3

TIME: 2 Hours

MARKS: 40

Lectures: 50

Course objectives

- *Concept of biodiversity*
- *Factors affecting biodiversity*
- *Understanding the major conservation policies*
- *Getting knowledge on ecotourism with home-stay tourism approach*

Unit 1: Biodiversity & its distribution

Definition & Concept of biodiversity, levels and types of biodiversity; Biodiversity in India and the world; Biodiversity hotspots and Megadiversity countries **15**

Unit 2: Threats to biodiversity:

Types & causes of biodiversity loss - Land use and Land cover changes, commercial exploitation of species, invasive species, fire, disaster and climate change **10**

Unit 3: Conservation policies

Importance & major policies – in situ and ex situ conservation; Major protected areas; National & International instruments for biodiversity conservation; Role of traditional knowledge for conservation; Community-based conservation, concept of Zoo management **15**

Unit 4: Tourism & Leisure

Types of Tourism; Ecotourism – Concept, Growth and Developments; Impacts and management of ecotourism; **10**

Learning outcome (After completion of this unit students would be able to:)

- *Understand the concepts of biodiversity and conservation*
- *Understand the factors impacting biodiversity loss in India and the World*
- *Major conservation strategies taken in India*
- *Ideas on ecotourism with special emphasis on home-stay tourism*

Proposed faculty involvement

Unit 1 & 2 & 3: Social Science/ Botany/ Zoology/ Political Science/ History

Unit 4: Management/ Economics/ Commerce/ Humanities subjects