

MAJOR BASED ELECTIVE I –

ECOLOGY ENVIRONMENT AND CONSERVATION

Objectives :

To understand the relationship of Tourism With Ecology

To analyze the Conflicts and interdependence and evolving and implementing

Long term Sustainable Tourism Management and integrated approach for Planning and Strategies.

Unit I : Basic Principles of Tourism Ecology

Ecology and its relevance for the Tourism Sector -5 basic laws and 20 great ideas in Ecology -Basic Properties of Ecosystems and their relevance in the Context of Tourism- Diversity {Habitat, Species, Community, Ecosystems and Cultural} – absorbing Capacity Carrying. Capacity-resilience-Stability-dynamics-multi- functionality integrity and Sustainability Ecosystem Processes- goods and Services with Special reference to Tourism activities –An overview of Tourism -Environment linkages

Unit II : Human Populations , Tourism and Environment

Introduction to human ecology- Tourism geography- Pollution ecology- Energy-Environment nexus - Non equilibrium Ecology -Ecological foot –Prints – Ecological and Socio Economic indicators -ecological economics -Eco cultural tourism and Eco cultural Tourism - Adaptive / Sustainable management of Ecosystems with Special reference to Tourism

Unit III : Conservation / Restoration Ecology Ethics and Codes of Conduct with Special reference to Tourism

Paradigm Shifts in Tourism Ecology - Tourism and habitats fragmentation - management of Ecosystems - Basic Principles – Goals and Strategies with special emphasis on

Tourism –Environment ethics- a Comparison of Western and traditional non – Western Conservation ethics – a and their relevance for Tourism - codes of conduct for different stake holders –Tourism Certification Programmes and Tourism Ecology.

Unit IV Tourism and Development

Development – Definitions and broad Principles -Eco development / Sustainable

Development -Definitions and their relevance for Tourism, Common Property resources and their management of tourism. Human wildlife tourism interactions,

Alternative /Appropriate tourism typology- Eco tourism, Eco culture Tourism, Health

Tourism, Heritage Tourism, Adventure Tourism. Farm Tourism, Urban Ecotourism, Eco development Tourism, Fishing Tourism Strategies and Constraints

Unit V : Tourism and Environment –A Futuristic Perspective

Environmental education and Legislation –needs and strategies with special emphasis on Tourism –Suggestion for Long term sustainable tourism activities - institutional and Policy framework based on integrated and gender balanced approaches and poverty reduction by stakeholders participation: a critical review of tourism Policy and Ecotourism Policy of India –Tourism Planning and implementation in India -Policy alternatives for sustainable development Sustainable tourism Planning for Ecologically sensitive areas - case studies from mountain, coastal/ island eco system.

Reference Books:

1. Environmental science - earth as a Living Planet -Botkin, D.B.&E.A. Keller
2. Ecological Principles for Economic Development Dasman, R.F: J.P. Milton& P.H. Freeman
3. Coastal recreation and Management- Goodhead. T &D Johnson
4. Conservation Ecology Managing Science/ Partnerships -Rogers K.
5. Impact of Tourism on mountain environment Singh, S.C.