

SEMESTER-I

Title of the Course:	Natural Resource Management
Nature of course :	GEC-I
Course code:	
Total Credits:	03
Marks :	60+40=100

Course outcome:

1. Distinguish between renewable and non-renewable resources
 2. Analyse threats to natural and biological resources of NE India
 3. Examine management strategies for sustainable utilization of resources
-

Learning outcomes

1. Differentiate natural and biological resources of NE India
2. Identify the threats and issues related to the natural resources
3. Execute conservation and management strategies for natural resources

UNIT-I: Natural resources:

07 classes

Definition and types. Natural resources of NE India. Renewable and non-renewable sources of energy.

UNIT-II: Sustainable utilization of land and water resources:

15 classes

Soil degradation and management; water resources (Freshwater, marine, estuarine) wetlands; Threats and management strategies and their management.

UNIT-III: Biodiversity:

08 classes

Definition, types, significance, threats, management strategies, CBD, Bioprospecting

UNIT IV:

15 classes

Contemporary practices in resource management: EIA, GIS, Participatory Resource Appraisal, Ecological Footprint with emphasis on carbon footprint, Resource Accounting; Waste management. National and international efforts in resource management and conservation.