

**Course Title: Environment and Development**

**Course Code. RDS 426**

**Full Marks: 70**

**Year: Fourth**

**Pass Marks: 28**

**Paper: VIII**

**Teaching Hours: 105**

**Course Objectives**

- To impart knowledge on interrelationship between environment and development, environmental conservation policies adopted by Nepal and the pattern of use of environmental resources.
- To familiarize students to the issues involved in the factors of environmental degradation and natural resource management.

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1.2 Meaning and Types of Ecology

1.3 Environment and Development: Interrelationship

1.4 UN Conference on Environment and Development (Summary)

1.5 Meaning and Types of Natural Resources

1.6 Status and Distribution of Natural Resources (Land, Water, Forest and Pasture) in Nepal

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2.1 Meaning and Scope of Natural Resource Management

2.2 Principles of Natural Resource Management

2.3 Approaches to Natural Resource Management

2.3.1 Top-down Approach (Command and Control)

2.3.2 Community-based Natural Resource Management Approach

2.3.3 System Approach

2.3.4 Capacity Building Approach

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2.4 Importance of Natural Resource Management for Development

2.5 Conflict on Natural Resources: Meaning, Nature, Actors, Cause, Consequences and Mitigating Measures

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3.4 Human's Influences on Environment: Functional Landscape, Ecumene and Esthetic

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4.1.4 Land and Pasture Land Conservation Methods

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4.2.3 Scientific Forest Management: Meaning, Scope and Methods

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5.4 Climate Change: Meaning, Causes, State, and Impacts on agriculture and livelihoods

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