

TRIBHUVAN UNIVERSITY

FACULTY OF HUMANITIES AND SOCIAL SCIENCES



RURAL DEVELOPMENT

CURRICULUM FOR FOUR YEAR BACHELOR LEVEL

PROGRAM IN RURAL DEVELOPMENT

Approved by Subject Committee on Rural Development

on August 7, 2019 AD (Shrawan 22, 2076 BS)

CENTRAL DEPARTMENT OF RURAL DEVELOPMENT

TRIBHUVAN UNIVERSITY, KIRTIPUR, KATHMANDU

NEPAL

2076



Course Title: Environment and Development

Course No. RDS 426

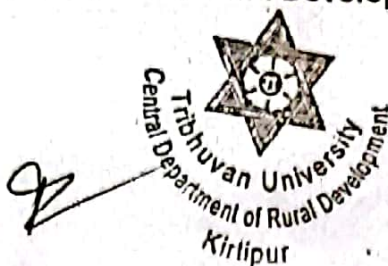
Year: Fourth

Paper: VIII

Full Marks: 70

Pass Marks: 28

Teaching Hours: 120



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.

Contents

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Unit-I: Introduction to Environment

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- 1.1 Meaning and Types of Environment
- 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

Unit-II: Introduction to Natural Resource Management

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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
 - 2.3.5 Institutional Development Approach
- 2.4 Importance of Natural Resource Management for Development
- 2.5 Conflict on Natural Resources: Meaning, Nature, Actors, Cause, Consequences and Mitigating Measures

Unit-III: Interrelationship between Human Communities and Environments

20

- 3.1 Meaning of Carrying Capacity
 - 3.1.1 Human Growth and Carrying Capacity

3.2 Human and Environment Relationship: Approaches and Thoughts

3.2.1 Determinism or Environmentalism: Pristine State

3.2.2 Possibilism or Developmentalism: Change State

3.3 Influences of Environment on Human (different physical factors)

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

Unit-IV: Land, Forest and Water Resource Management

25

4.1 Land Resource Management

4.1.1 Productivity and fertility of Land

4.1.2 Production Practices: Shifting Cultivation, Subsistence Farming, Intensive Farming, Commercial Farming, Integrated Farming and Transhumance

4.1.3 Organic Farming: Meaning, Prospects and Challenges.

4.1.4 Land and Pasture Land Conservation Methods

4.2 Forest Resource Management

4.2.1 Meaning and Types of forest resources in Nepal

4.2.2 Meaning, Principles and Importance of Community Forestry

4.2.3 Scientific Forest Management: Meaning, Scope and Methods

4.2.4 Non-timber Forest Products (NTFPs): Meaning, prospects and importance

4.3 Water Resources Management

4.3.1 Wetland: Meaning, Importance and Threats

4.3.2 Watershed: Meaning, objectives, types and Challenges

4.3.3 Water resources management practices in Nepal: Indigenous and induced

Unit-V: Environmental Issues in Nepal

15

5.1 Environmental Degradation and Depletion: Meaning, causes, consequences and Mitigation Measures

5.2 Soil Erosion: Meaning, causes, consequences and controlling measures

5.3 Deforestation and Desertification: Meaning, Causes, Impacts and Controlling Measures

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

5.5 Climate Change Adaptation: Meaning and Strategies

Unit-VI: Plan and Policies of Natural Resource Management

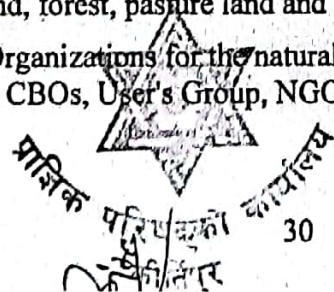
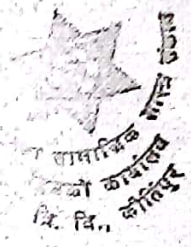
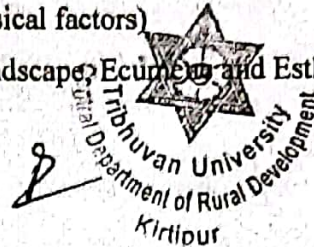
6.1 Concept of Environmental Resource Planning and Management

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6.2 World Conservation Strategy

6.3 National Policies and Programmes for natural resource management in Nepal with reference to Land, forest, pasture land and water

6.4 Role of Local Organizations for the natural resources management (Religious Organizations, CBOs, User's Group, NGOs and Civil Society)



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References

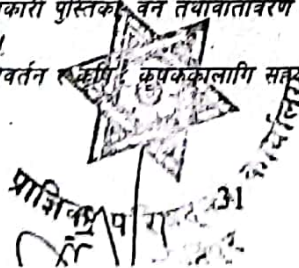
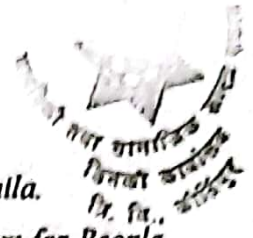
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- Upreti, B.R. (2001). *Conflict Management in Natural Resources: A Study of Land, Water and Forest Conflict in Nepal*.
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युनेस्को, (२०१६). मौलिक ज्ञान मार्फत जीवनपर्यन्तसिकाईको प्रवर्द्धनमायुनेस्कोको सहयोग, काठमाण्डौ ।

नेपाल सरकार (२०७५). सिमसारसम्बन्धीजानकारी पुस्तिका वन तथावातावरण मन्त्रालय, राष्ट्रिय निकुञ्ज तथावन्यजन्तु संरक्षण विभाग, बबरमहल, काठमाण्डौ, नेपाल ।

थापा, केदार व अरहर (२०६८). जलवायु परिवर्तन रकृषि: कृषककालागि सत्यूगीपुस्तिका, ली-बर्ड, पोखरा ।



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Practical: Environment Impact Assessment (EIA)

Full Marks: 30

Pass Marks: 15

Instructions:

- Mid-term examination should be conducted by Campus/College.
- This course offers students to involve in Environment Impact Assessment (EIA) for the partial fulfillment of the requirement which is compulsory to all. For it, students should be in close coordination with their assigned faculty member/s for the completion of the task. The potential area of the task can be on the topic related to the natural resource management (Land, forest and water) which have played a vital role in the development-environment interrelationships.
- The review should be submitted to the respective campus/college. The students should compulsorily present their accomplished task for final evaluation and approval in the presence of respective faculty member/s and external.
- Students should bear the expenses of proposal writing and other related activities as fixed by the respective campuses/colleges.

Proposal Format:

- Face-Sheet (with study title, submitted to Campus/College, submitted by-name of student, T.U. Regd. No. and class roll no.)

Acknowledgements

Contents

- Background of the Issues, Significance of the Issues, Reviews of article/book, Summary.
- References

Appendix

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Course Title: Planning and Project Management

Course No. RDS 427

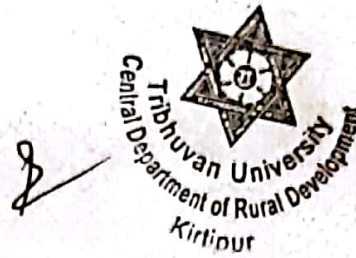
Year: Fourth

Paper: IX

Full Marks: 70

Pass Marks: 28

Teaching Hours: 105



Course Objectives

The objective of this course is to acquaint the students with the basic idea of planning and project management.

Contents

Unit-I: Planning for Rural Development

- 1.1 Concept and Characteristics of Planning
- 1.2 Objectives of planning
- 1.3 Types of Planning
- 1.4 Formulation of Vision, Mission, Goals and Objectives
- 1.5 Importance of Local Planning in development



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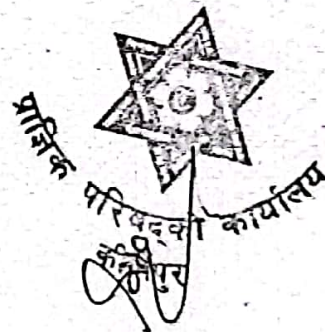
Unit-II: Local Government Plan Formulation (LGPF) in Nepal

- 2.1 LGPF Steps
- 2.2 Involvement and role of stakeholders in LGPF
- 2.3 Linkage among National, Provincial and Local Plan
- 2.4 Problems and Challenges in LGPF process
- 2.5 Measures for effective LGPF

15

Unit-III: Project and Development

- 3.1 Concept of Project
- 3.2 Characteristics of Project
- 3.3 Project Classification
- 3.4 Plan, Program, and Project Relationship
- 3.5 Skills for Project Management
- 3.6 Project Cycle



20

Unit-IV: Project Formulation and Implementation

- 4.1 Project Identification
 - 4.1.1 Need assessment, Situation analysis
- 4.2 Project Formulation
 - 4.2.1 Feasibility Study

30

4.2.2 Stakeholder Analysis, Problem Tree and Objective Analysis, SWOC Analysis, Critical path analysis, risk assessment

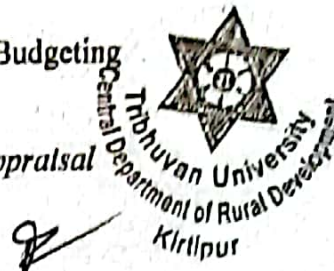
4.2.3 Logical Framework, Work Plan, Budgeting

4.3 Project Appraisal

4.3.1 Concept and criteria of project appraisal

4.4 Project Implementation

4.4.1 Procedures and Challenges



Unit-V: Monitoring and Evaluation

5.1 Meaning, objectives, types and differentiation of Monitoring and Evaluation

5.2. Quality Assurance and Quality Control

3. Result Based and Participatory Monitoring and Evaluation

Unit-VI: Project Proposal Writing and Report Writing

10

References

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- FAO (2001). *Project Cycle Management Technical Guide*. Rome: Food and Agriculture Organization.
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Practical: Rural Camping and Need Assessment (RCNA)

Full Marks: 30

Pass Marks: 15

Instructions:

- Mid-term examination should be conducted by Campus/College.
- This course offers students to involve in the preparation of need assessment (RCNA) for the partial fulfillment of the requirement which is compulsory to all. For it, a three-day rural camping should be arranged by faculty member/s to carry out need assessment in close coordination with their assigned faculty member/s for the completion of the task. The potential area of the task can be on the topic related to the natural resource management (Land, forest and water) which have played a vital role in the development-environment interrelationships.
- The review should be submitted to the respective campus/college. The students should compulsorily present their accomplished task for final evaluation and approval in the presence of respective faculty member/s and external.
- Students should bear the expenses of proposal writing and other related activities as fixed by the respective campuses/colleges.

Proposal Format:

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