
SEMESTER VII

I. MAJOR COURSE- MJ 16:

NATURAL RESOURCE MANAGEMENT AND ENVIRONMENTAL GEOGRAPHY

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100

Pass Marks: Th (SIE + ESE) = 40

(Credits: Theory-04) **60 Hours**

Course Objective:

The Learning objective of this course are as follows-

1. To familiarize the concept of Natural resource management, and its concepts
2. To make students learn about the Ecosystem, its structure, functions and various policy with regard to environmental conservation

Course Learning Outcomes:

After the completion of course, the students will have ability to:

1. Understand the dynamic interactive relationship between man and environment.
2. Have sound understanding on distribution, utilization and proper management of natural resources at global level.
3. Make assessment and review of planning and policies related to environment and natural resources.

Course Content:

Unit 1- Environment and Natural Resource Management: Concept, Human-Environment Relationships;

Unit 2- Ecosystem: Concept, Structure and Functions.

Environmental Issues in Tropical, Temperate and Polar Ecosystems.

Unit 3- Natural Resource: Concept, Classification; Distribution, Utilization, Problems and Management of Land, Water Forests and Energy.

Unit 4- Appraisal and Conservation of Environment and Natural Resources and Sustainable Resource Development.

Unit 5- Environmental Programmes and Policies – Global, National and Local levels

ReferenceBooks:

1. Chandna, R. C., (2002): Environmental Geography, Kalyani, Ludhiana.
 2. Cunningham, W. P. and Cunningham, M. A., (2004): Principals of Environmental Science: Inquiry and Applications, Tata Macgraw Hill, New Delhi.
 3. Goudie, A., (2001): The Nature of the Environment, Blackwell, Oxford.
 4. Holechek, J. L. C., Richard, A., Fisher, J. T. and Valdez, R., (2003): Natural Resources: Ecology, Economics and Policy, Prentice Hall, New Jersey.
 5. Miller, G. T., (2004): Environmental Science: Working with the Earth, Thomson Brooks Cole, Singapore.
 6. Mitchell, B., (1997): Resource and Environmental Management, Longman Harlow, England.
 7. MoEF, (2006): National Environmental Policy-2006, Ministry of Environment and Forests, Government of India.
 8. Odum, E. P. et al, (2005): Fundamentals of Ecology, Ceneage Learning India.
 9. Saxena, H.M., 2012: Environmental Studies, Rawat Publications, Jaipur.
 10. Singh, Savindra., (2001): Paryavaran Bhugol (Hindi), Prayag Pustak Bhawan, Allahabad. (in Hindi)
 11. UNEP, (2007): Global Environment Outlook: GEO4: Environment for Development, United Nations Environment Programme
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