

**SRI DEV SUMAN UTTARAKHAND UNIVERSITY**  
**BADSHAITHAUL (TEHRI GARHWAL)**



**STRUCTURE OF**  
**UNDER GRADUATE PROGRAMMES**  
**VOCATIONAL/SKILL DEVELOPMENT COURSE IN**  
**ECONOMICS (ENVIRONMENTAL ECONOMICS)**  
**FOR**  
**SESSION: 2023-2024**

**DEPARTMENT OF ECONOMICS**


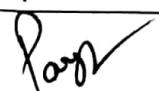
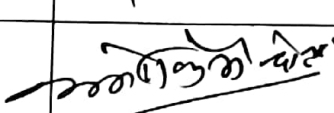
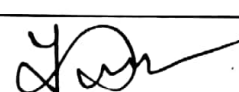
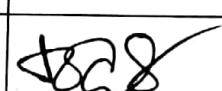
**PDT.L.M.S.SRI DEV SUMAN UTTARAKHAND UNIVERSITY,**  
**CAMPUS RISHIKESH**

*[Handwritten signatures and dates]*

**SRI DEV SUMAN UTTARAKHAND UNIVERSITY**

Badshahithaul, Tehri Garhwal (Uttarakhand)

**Members of Board of Studies Economics**

S.N.	Name of the Members	Designation	Nominated As	Signature
1.	Dr. D.C. Goswami	Professor, Head & Dean of Arts	Chairman	
2.	Dr. Pushpanjali Arya	Professor, & Head Department of Economics	Member	
3.	Dr. Ashok Kumar	Assistant Professor Department of Economics	Member	
4.	Dr. Rajendra P. Mangain	Professor, Head Department of Economics, Doon University, Dehradun	Member	
5.	Prof. Janki Panwar	Principal G.P.G.C. Kotdwar	Member	
6.	Prof. Lovely Rajvanshi	Principal G.P.G.C. Jaiharikhal	Member	
7.	Prof. K.L. Talwar	Principal G.D.C. Chakrata	Member	
8.	Nedesak, Uttarakhand Bhasa Sansthan	Nedesak Rajpur Road, Dehradun	Member	

### Vocational/Skill Development Course in Economics Department

Vocational Course-02			
Programme: Certificate Course in Economics		Year : First	Semester-I Paper- II VC
Course code: ECOVC-02		Course Title: Environmental Economics-I	
Course outcome:			
1. To learn an economic approach to environmental problems.			
2. To understand complementary view of environmental economics.			
3. To develop economic tool kit to evaluate applied problems.			
Credit: 3 (Three)		Elective	
Maximum marks: 25+75		Minimum passing marks: 33	
Total no. of lectures-tutorials-practical(labour per week):3-0-0			
Unit	Topic		No. of lectures
Unit 1	Environment and Economics: 1. Fundamental concepts of Environmental Economics 2. Meaning, nature and scope of Environmental Economics 3. Environmental pollution- air, water and deforestation 4. Inter-linkages between Environment and Economics 5. Economics of Natural Resources- land, air and water		15
Unit 2	Environment and Development : 1. Environment and Economic Growth: 2. Concepts of Sustainable Development 3. Policy Approach of Sustainable Development 4. Role of State in Environmental Conservation 5. People's participation in management of Natural Resources		15
Unit 3	Environmental issues: 1. Global warming 2. Climate change 3. Green House Effect, Ozone Depletion 4. Acid Rain 5. Biodiversity Conservation , Chipko movement		15

#### Suggested readings:

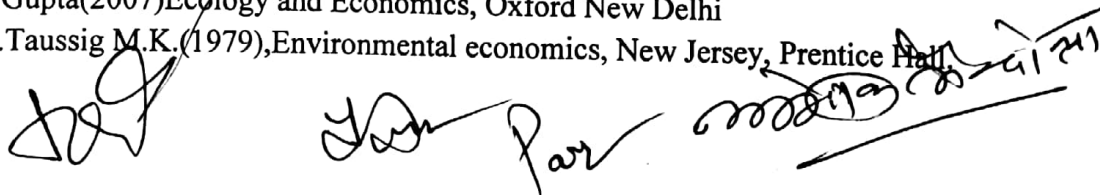
Bhattacharya, RN(ed) Environmental Economics: An Indian perspective, Oxford New Delhi  
Boumal, W.J. and W.E. Oats, (1998), The Theory of Environmental Policy, Cambridge University Press

Bromely, D.W.(ed) Hand Book of Environmental Economics, Blackwell, London

P.Das Gupta and K.G. Miller, (1997) The Environmental and Emerging Development Issues

Ram Prasad Sen Gupta (2007) Ecology and Economics, Oxford New Delhi

Seneca, Joseph, J. Taussig M.K. (1979), Environmental economics, New Jersey, Prentice Hall



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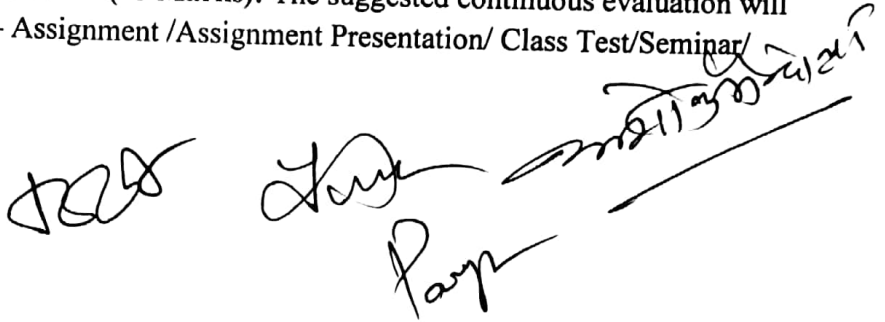
**www.ignou**

**www.swayam.**

**This course can be offered as an elective by the students of following subjects: Open to all**

**Suggested Continuous Evaluation (25 Marks):** The suggested continuous evaluation will have the following criteria – Assignment /Assignment Presentation/ Class Test/Seminar/ Attendance

Course Prerequisites: N/A

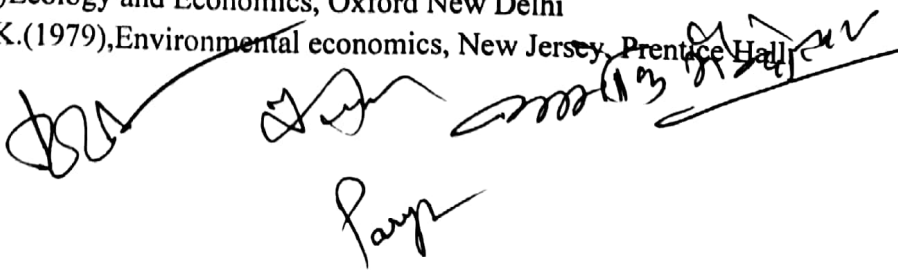


# Vocational/Skill Development Course in Economics Department

Vocational Course-02			
Programme: Certificate Course in Economics		Year : First	Semester-II Paper- II VC
Course code: ECOVC-02		Course Title: Environmental Economics-II	
Course outcome:			
1. To learn an economic approach to environmental problems.			
2. To understand complementary view of environmental economics.			
3. To develop economic tool kit to evaluate applied problems.			
Credit: 3 (Three)		Elective	
Maximum marks: 25+75		Minimum passing marks: 33	
Total no. of lectures-tutorials-practical(labour per week):3-0-0			
Unit	Topic		No. of lectures
Unit 1	Fundamentals of Ecology. 1. Introduction to ecology and environment. 2. Principles and scope of ecology structure. 3.Food chain and flow of energy.		15
Unit 2	Sustainable Development: 1. SDGs-Goals and Targets, Key Aspects, Challenges, Indian Context. 2. Conservation of Water, Rainwater Harvesting, Watershed Management, Rehabilitation Issues. 3. Conservation of Energy, Wasteland Management, Chipko Movement, Appiko Movement.		15
Unit 3	IMPACTS OF CLIMATE CHANGE: 1. Impact on Agriculture, Food Security and Water Situation in India. 2. Impact on Ecosystem and Biodiversity, 3. Impact on India's Biodiversity-Plants and Animals, Critically Endangered Animals, Vulnerable Mammals		15

## Suggested readings:

Bhattacharya, RN(ed) Environmental Economics: An Indian perspective, Oxford New Delhi  
 Boumal, W.J. and W.E. Oats, (1998), The Theory of Environmental Policy, Cambridge University Press  
 Bromely, D.W. (ed) Hand Book of Environmental Economics, Blackwell, London  
 P. Das Gupta and K.G. Miller, (1997) The Environmental and Emerging Development Issues  
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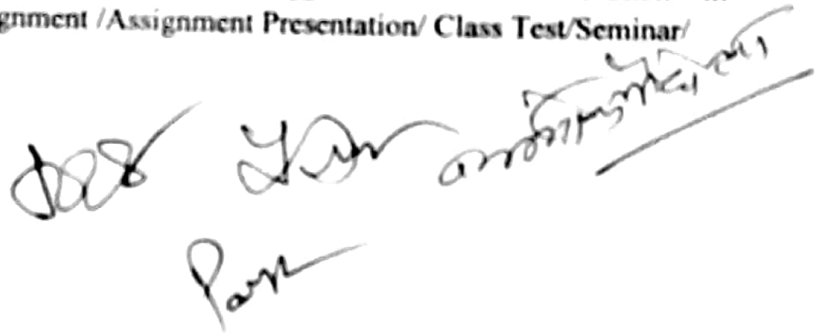
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**Suggested Continuous Evaluation (25 Marks):** The suggested continuous evaluation will have the following criteria - Assignment /Assignment Presentation/ Class Test/Seminar/ Attendance

**Course Prerequisites: N/A**

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### Vocational/Skill Development Course in Economics Department

Vocational Course-02			
Programme: Certificate Course in Economics		Year : Second	Semester-III Paper- II VC
Course code: ECOVC-03		Course Title: Environmental Economics-III	
Course outcome:			
1. To learn an economic approach to environmental problems.			
2. To understand complementary view of environmental economics.			
3. To develop economic tool kit to evaluate applied problems.			
Credit: 3 (Three)		Elective	
Maximum marks: 25+75		Minimum passing marks: 33	
Total no. of lectures-tutorials-practical(labour per week):3-0-0			
Unit	Topic		No. of lectures
Unit 1	BIODIVERSITY AND CONSERVATION: 1. What is Biodiversity. 2. Its Significance. 3. Measure of Biodiversity and conservation.		15
Unit 2	ENVIRONMENT-HUMAN POPULATION AND HEALTH ISSUES: 1.Factors Influencing Population Growth, 2. Population Explosion. 3. Health Issues and Environment		15
Unit 3	INDIAN PERSPECTIVE ON CLIMATE CHANGE : 1.National Action Plan for Climate Change and its Nine Missions, Indian Network on Climate Change Assessment (INNCA), 2. National Initiative on Climate Resilient Agriculture (NICRA), BSE-GREENEX, 3.National Policy on Biofuels, Bachat Lamp Yojana, Clean Air Initiatives (CAI), Green Rating for Integrated Habitat Assessment (GRIHA)		15

#### Suggested readings:

Bhattacharya,RN(ed)Environmental Economics: An Indian perspective, Oxford New Delhi  
 Boumal,W.J. and W.E. Oats,(1998), The Theory of Environmental Policy, Cambridge University Press  
 Bromely, D.W.(ed)Hand Book of Environmental Economics, Blackwell, London  
 P.Das Gupta and K.G. Miller,(1997)The Environmental and Emerging Development Issues  
 Ram Prasad Sen Gupta(2007)Ecology and Economics, Oxford New Delhi  
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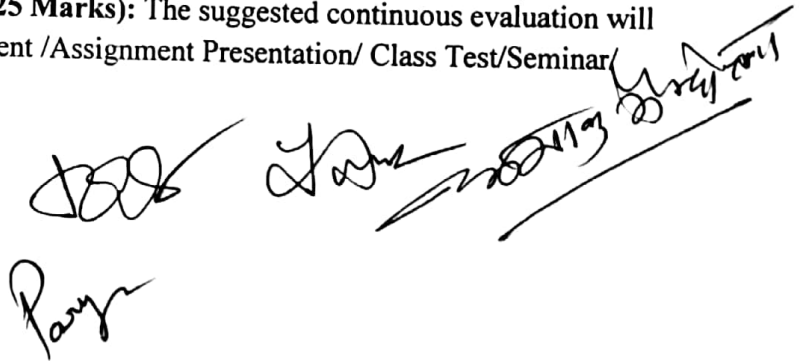
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**Suggested Continuous Evaluation (25 Marks):** The suggested continuous evaluation will have the following criteria – Assignment /Assignment Presentation/ Class Test/Seminar/ Attendance

**Course Prerequisites: N/A**

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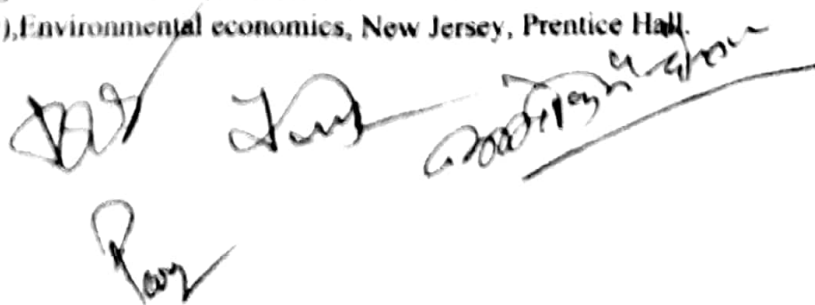
### Vocational/Skill Development Course in Economics Department

Vocational Course-02			
Programme: Certificate Course in Economics		Year : Second	Semester-IV Paper- II VC
Course code: ECOVC-04		Course Title: Environmental Economics-IV	
Course outcome:			
1. To learn an economic approach to environmental problems.			
2. To understand complementary view of environmental economics.			
3. To develop economic tool kit to evaluate applied problems.			
Credit: 3 (Three)		Elective	
Maximum marks: 25+75		Minimum passing marks: 33	
Total no. of lectures-tutorials-practical(labour per week):3-0-0			
Unit	Topic		No. of lectures
Unit 1	INDIAN BIODIVERSITY AND CONSERVATION: 1. Indian Biodiversity, Biogeographical Classification of India, 2.Hotspots of India, Western Ghats , Eastern Himalayas Hotspot. 3. Man-made conflicts with wild life, Protected Areas, Sacred Groves		15
Unit 2	ENVIRONMENTAL ETHICS AND SOCIAL ISSUES: 1.Rationale for Environmental Ethics and its Approaches, 2.Value Based Environmental Education Public Participation, 3.Corporate Environmental Ethics, Swatchh Bharat Abhiyan,		15
Unit 3	AN OVER VIEW OF LEGAL ASPECTS: 1.Wildlife Protection and International Conventions 2. National Environmental Laws and Policies. 3. International Conventions on Environment.		15

**Suggested readings:**

Bhattacharya,RN(ed)Environmental Economics: An Indian perspective, Oxford New Delhi  
 Boumal,W.J. and W.E. Oats,(1998), The Theory of Environmental Policy, Cambridge University Press  
 Bromely, D.W.(ed)Hand Book of Environmental Economics, Blackwell, London  
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[www.ignou](http://www.ignou)

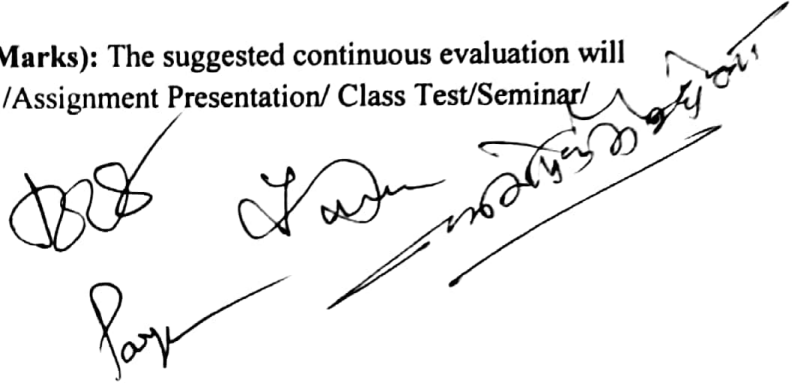
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Course Prerequisites: N/A

sites: N/A

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