

**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


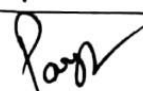
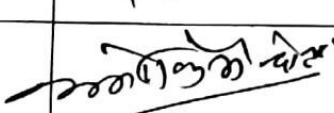

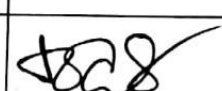
**PDT.L.M.S.SRI DEV SUMAN UTTARAKHAND UNIVERSITY,
CAMPUS RISHIKESH**

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SRI DEV SUMAN UTTARAKHAND UNIVERSITY

Badshahithaul, Tehri Garhwal (Uttarakhand)

Members of Board of Studies Economics

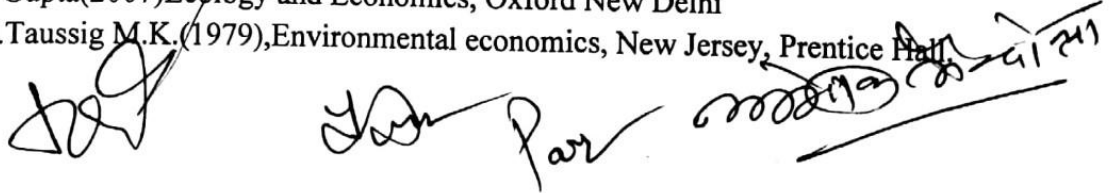
S.N.	Name of the Members	Designation	Nominated As	Signature
1.	Dr. D.C. Goswami	Professor, Head & Dean of Arts	Chairman	
2.	Dr. Pushpanjali Arya	Professor, & Head Department of Economics	Member	
3.	Dr. Ashok Kumar	Assistant Professor Department of Economics	Member	
4.	Dr. Rajendra P. Mangain	Professor, 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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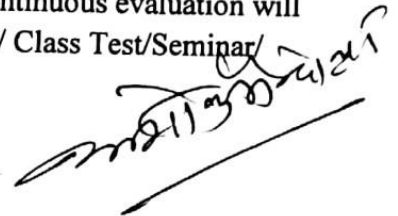
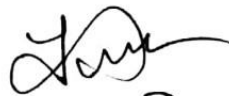
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This course can be offered as an elective by the students of following subjects: Open to all

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
Course code: ECOVC-02		Semester-II Paper- II VC
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
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 Ram Prasad Sen Gupta (2007) Ecology and Economics, Oxford New Delhi
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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
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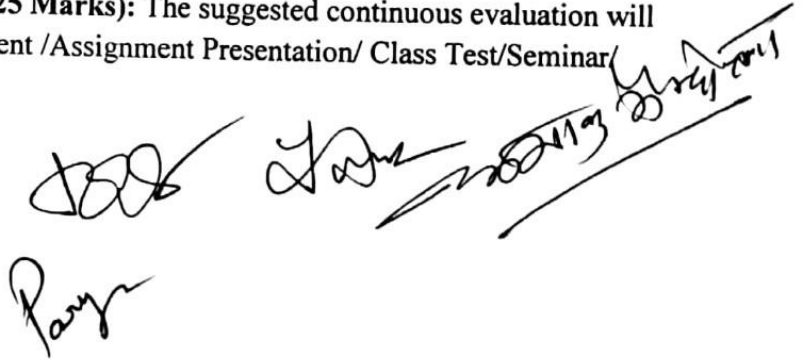
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Course Prerequisites: N/A

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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

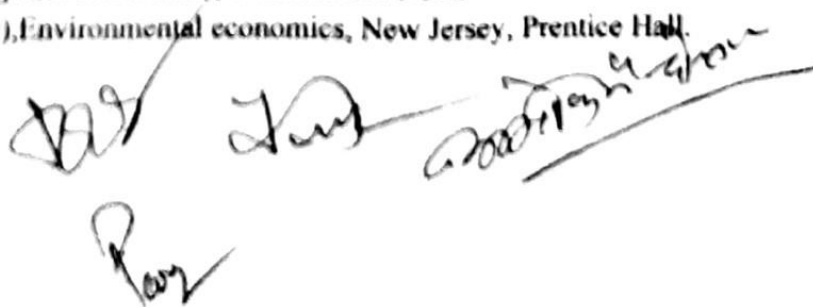
Bromely, D.W.(ed)Hand Book of Environmental Economics, Blackwell, London

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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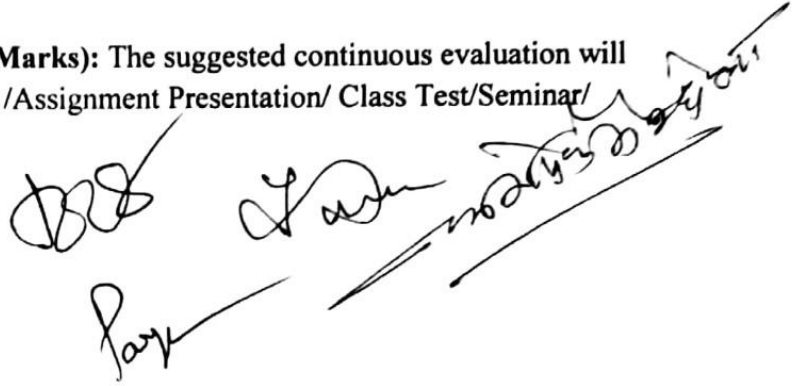
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Course Prerequisites: N/A

sites: N/A

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