



Objectives of the course

A certificate course in Environmental Economics aim to equip students with the tools and perspectives needed to understand, analyze, and address environmental problems within the context of economic decision-making and policy formulation.

1. Understanding Environmental Issues: To provide students with an understanding of key environmental challenges facing society, such as climate change, pollution, resource depletion, and biodiversity loss.
2. Applying Economic Principles: To teach students how economic concepts and theories can be applied to analyze environmental problems, assess their causes and impacts, and identify potential solutions.
3. Evaluating Environmental Policies: To enable students to evaluate the effectiveness of various environmental policies and regulations, including market-based instruments, command-and-control measures, and voluntary initiatives.
4. Assessing Trade-offs: To help students understand the trade-offs involved in environmental decision-making, such as balancing economic growth with environmental protection and considering short-term benefits versus long-term sustainability.
5. Valuing Environmental Resources: To teach students methods for valuing environmental goods and services, including non-market valuation techniques such as contingent valuation and hedonic pricing.
6. Exploring Sustainable Development: To introduce students to the concept of sustainable development and the integration of environmental, social, and economic objectives in policy-making and decision-making processes.
7. Analyzing Cost-Benefit Trade-offs: To enable students to conduct cost-benefit analyses of environmental projects and policies, considering both economic and environmental costs and benefits.
8. Understanding Market Failures: To familiarize students with market failures and externalities that lead to inefficient resource allocation and environmental degradation and explore potential remedies.



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Course Outcomes

1. Understanding Environmental Issues: Students will demonstrate a comprehensive understanding of key environmental challenges, including climate change, pollution, resource depletion, and biodiversity loss.
2. Applying Economic Principles: Students will be able to apply economic concepts and theories to analyze environmental problems, assess their causes and impacts, and identify potential solutions.
3. Assessing Trade-offs: Students will understand the trade-offs involved in environmental decision-making, such as balancing economic growth with environmental protection and considering short-term benefits versus long-term sustainability.
4. Promoting Sustainable Development: Students will understand the concept of sustainable development and the integration of environmental, social, and economic objectives in policy-making and decision-making processes.
5. Analyzing Cost-Benefit Trade-offs: Students will be able to conduct cost-benefit analyses of environmental projects and policies, considering both economic and environmental costs and benefits.
6. Promoting Green Growth: Students will be familiar with strategies for promoting green growth and sustainable economic development, including investments in clean technologies, renewable energy, and resource efficiency.
7. Examining Global Environmental Challenges: Students will understand global environmental challenges, such as transboundary pollution, deforestation, loss of biodiversity, and their implications for international cooperation and governance.
8. Addressing Environmental Justice: Students will be able to analyze issues of environmental justice and equity, including the unequal distribution of environmental benefits and burdens among different social groups and communities.

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Report on the Certificate Course

The Department of Economics has conducted certificate course in Environmental Economics (for competitive exams) from 01-7-2022 to 12-8-2022 for the academic year 2021-2022.

As per the instructions given by the principal during the minutes of the meeting 10 students are enrolled in the certificate course from B.A.. The faculty of Economics have engaged classes for 30 days and dealt with the basic concepts of the subject.

Two intermediate tests and one Grand test are conducted for the assessment of learners' understanding levels of knowledge. The minimum qualifying mark for the award of certification is 40%. All the students completed the course successfully and got certificates during the academic year 2021-2022.

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