

# Certificate Course in Environmental Sustainability

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*“ Earth provides enough to satisfy  
every man’s need, but not every  
man’s greed”*

*Mahatma Gandhi*

# COURSE OVERVIEW

This course consists of five independent modules.

- 1. Environment and Society
- 2. Environmental Education and Jurisprudence
- 3. Environment friendly technologies
- 4. International Conventions on Environment

# **MODULE 1 – ENVIRONMENT AND** **SOCIETY**

## **Objectives**

- Understand at a basic level the reciprocal relationships between society and their environment.
- Be familiar with a range of examples of the environmental impact on society at different levels.
- Have an appreciation of the changing interactions between society and environment over time.

# **MODULE 1 – ENVIRONMENT AND** **SOCIETY**

- **Contents –**
- Industrial revolution and its impact on environment
- Review of examples and case studies of society and environment
- Issues and Agents of change – for better society and environment

# **MODULE 2 - ENVIRONMENT EDUCATION** **AND JURISPRUDENCE**

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## **2(A): ENVIRONMENTAL EDUCATION**

### **Objectives –**

- Promoting awareness on environmental education among schools, organizations and the general public.
- Inviting the attention of general public to their strength and capacities on adopting measures for environmental protection.
- To remind the role of educators and practitioners (teachers, local NGOs) in the field on environmental education to provide technical support and educational resources.
- Promoting innovative strategies and solutions for conservation of nature and its resources by emphasizing on the conservation of ecological traditions of India.

# **MODULE 2 - ENVIRONMENT** **EDUCATION AND JURISPRUDENCE**

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## **2(A): ENVIRONMENTAL EDUCATION**

### **Contents –**

- Environmental education in India .
- Educators and practitioners (teachers, local NGOs) and their role in environmental education
- Local strategies and innovations in environmental education

# **MODULE 2 - ENVIRONMENT** **EDUCATION AND JURISPRUDENCE**

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## **2 (B) ENVIRONMENTAL JURISPRUDENCE**

- **Objectives - Module 2(B):**
- Providing a basic understanding of Environmental Impact Assessment norms.
- Creating an awareness on Enviro-legal norms.
- To create an understanding of seminal case laws that strengthened environmental jurisprudence in India.



# **MODULE 2 - ENVIRONMENT** **EDUCATION AND JURISPRUDENCE**

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## **2 (B) ENVIRONMENTAL JURISPRUDENCE**

- **Course Contents –**
- Environmental Impact Assessment norms and their application in India.
- Legal Edifice of Environmental Protection – Sustainable Development and Public Trust Doctrines.
- Environmental Law and Coastal protection – CRZ norms
- Seminal Cases in Environmental Protection – MC Mehta and Godavarman cases
- The Case of Western Ghats – Gadgil and Kasturirangan reports

# **MODULE 3 – ENVIRONMENT**

## **FRIENDLY TECHNOLOGIES**

### **Objectives –**

- Introduce the concept and need for environment friendly technologies.
- Familiarization to various environment friendly technologies – using eco-friendly resources such as solar, water, wind and tidal.
- Discuss environment friendly practices with the use of environment friendly products and gadgets for an environment friendly living.
- Illustrate through live examples the use of environment friendly technologies, products and practices.

# **MODULE 3 – ENVIRONMENT** **FRIENDLY TECHNOLOGIES**

## **Course Content -**

- Environment friendly technologies – conceptual framework.
- Eco-friendly technologies using resources such as solar, water, wind and tidal.
- Examples of Environment friendly technologies – products and practices

# **MODULE 4 – INTERNATIONAL** **CONVENTIONS ON ENVIRONMENT**

## **Objectives –**

- To provide an overview of the major international summits and protocols on environment such as the Stockholm summit, Rio summit, Kyoto protocol and the and the world trade regulations impacting the environment.
- To provide an overview of the cardinal principles enshrined in the Brundtland commission titled ‘Our common future’.
- To acquaint the learner with Internationally accepted norms on principles such as Carbon trading and Clean Development Mechanism (CDM).

# **MODULE 4 – INTERNATIONAL CONVENTIONS ON ENVIRONMENT**

## **Course Contents –**

- International conventions and protocols - Stockholm summit, Rio summit, Kyoto protocol and the world trade regulations impacting the environment.
- Saving the Earth – Our common future
- Mechanisms to sustain the environment – CDM and Carbon Trading.

# Assessment of the Course

- A student has to devote eleven study hours to successfully transact each module.
- Nearly twenty videos which will also be the background material on which the assessment questions will be based.
- Internal assessment would be through assignments and quizzes.
- Proctored examination at the end of the Course covering all the modules.

# WHAT YOU GAIN FROM THIS COURSE

On the successful completion of this course learners are expected to be able to demonstrate an ability to digest, synthesize and critically evaluate, at an introductory level, issues related to the environment in a wider perspective.

**Thank You**