

# **Environment Conservation Policy**

**Prepared by**

**M. S. Patel Department of Civil Engineering**



**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY  
(CHARUSAT), CHANGA  
DISTRICT: ANAND, GUJARAT, INDIA**



## Environment Conservation Policy for CHARUSAT University Campus

### 1. Introduction

Charotar University of Science and Technology (CHARUSAT) is committed to sustainable development and environmental conservation. This policy aims to integrate eco-friendly practices into academic, administrative, and operational activities while fostering environmental awareness and responsibility among students, faculty, and staff.

### 2. Objectives

- Reduce the campus's carbon footprint by promoting energy efficiency and renewable energy adoption.
- Conserve natural resources through efficient water and waste management.
- Enhance biodiversity by preserving green spaces and adopting eco-friendly landscaping practices.
- Promote sustainable transportation and green mobility.
- Increase environmental awareness and community participation.
- Ensure compliance with environmental regulations and best practices.

### 3. Policy Guidelines and Implementation

#### 3.1 Energy Conservation

- Promote the use of renewable energy sources such as solar panels.
- Ensure energy-efficient buildings with LED lighting and sensor-based energy systems.
- Conduct regular energy audits to identify and minimize energy wastage.

#### 3.2 Water Management

- Install rainwater harvesting systems to recharge groundwater.
- Implement water-efficient fixtures and leak detection systems.
- Utilize treated wastewater for landscaping and irrigation purposes.

#### 3.3 Waste Management

- Enforce waste segregation at source (biodegradable, recyclable, hazardous).
- Set up composting units for organic waste from cafeterias and gardens.
- Reduce single-use plastics and promote eco-friendly alternatives.
- Implement e-waste management policies for proper disposal of electronic waste.





### 3.4 Green Campus Initiatives

- Maintain and expand green spaces through tree plantations.
- Develop botanical gardens and medicinal plant zones.
- Establish biodiversity parks to preserve local flora and fauna.

### 3.5 Sustainable Transportation

- Encourage cycling and walking within the campus by providing dedicated tracks.
- Promote carpooling and public transport for students and staff.
- Establish electric vehicle (EV) charging stations.

### 3.6 Air and Noise Pollution Control

- Maintain air quality monitoring systems within the campus.
- Restrict vehicle movement within certain areas to reduce emissions.
- Ensure construction activities follow dust control measures.

### 3.7 Climate Change and Carbon Footprint Reduction

- Implement carbon footprint assessments and reduction strategies.
- Organize tree plantation drives and urban forestry programs.
- Participate in carbon offset programs and sustainable development projects.

### 3.8 Environmental Awareness and Research

- Include environmental education in the curriculum.
- Organize regular awareness campaigns, seminars, and workshops.
- Support student-led green initiatives and research on sustainability.
- Collaborate with NGOs and government agencies for environmental programs.

### 3.9 Sustainable Procurement

- Procure eco-friendly, biodegradable, and sustainable products.
- Encourage vendors and suppliers to follow green procurement practices.
- Promote the use of recycled materials for campus infrastructure and furniture.

### 3.10 Legal Compliance and Policy Monitoring

- Adhere to national and international environmental regulations.
- Establish an Environmental Management Committee for policy implementation and monitoring.
- Conduct regular environmental audits and submit reports to authorities.





#### 4. Implementation Strategy

- The **Environmental Management Committee (EMC)** will oversee policy execution.
- Departments will integrate eco-friendly practices in academic and operational activities.
- Regular training and workshops will be conducted to ensure stakeholder participation.
- Student organizations will be encouraged to initiate and participate in green projects.

#### 5. Review and Continuous Improvement

- The policy will be reviewed annually for effectiveness and necessary updates.
- Feedback from students, faculty, and staff will be incorporated into policy enhancements.
- Best practices from other institutions will be analyzed and adopted where feasible.

Signature

Principal

Chandubhai S Patel Institute of Technology

Signature

Registrar

CHARUSAT University

