



## GREEN POLICY

### Introduction

Agni College of Technology is committed to promoting environmental sustainability and ecological responsibility within its campus and the surrounding community. As an institution of higher learning, the college recognizes its role in fostering environmentally conscious citizens and integrating sustainable practices into education, research, and campus operations. This Green Policy outlines the framework and guiding principles for conserving natural resources, reducing environmental impact, and creating a healthy and sustainable campus ecosystem.

### Vision

To develop Agni College of Technology as a green, energy-efficient, and environmentally responsible campus that actively contributes to sustainable development and environmental protection.

### Objectives

The primary objectives of the Green Policy are to:

- Reduce the carbon footprint and water footprint of the campus
- Promote efficient use of energy and natural resources
- Enhance biodiversity and environmental quality within the campus
- Ensure effective waste management and pollution control
- Create environmental awareness among students, staff, and the local community
- Periodically review and update green initiatives and policies

### Energy Conservation and Management

The college shall encourage faculty members and students to conduct studies, audits, and research initiatives aimed at reducing electricity consumption and improving overall energy efficiency on campus. Best practices such as switching off unused electrical equipment, optimizing lighting and ventilation, and adopting energy-efficient appliances shall be promoted.

The use of renewable energy sources such as solar power and wind power shall be continued and strengthened. Faculty and students shall be encouraged to identify, explore, and implement additional green energy solutions suitable for the campus.

Installation of energy monitoring systems and sensors shall be promoted to ensure optimal performance of electrical and energy-related installations.

### **Water Conservation and Management**

Agni College of Technology shall prioritize sustainable water management practices. The Green Committee shall monitor the performance of wastewater treatment plants, rainwater harvesting systems, and other water conservation measures implemented on campus. Efforts shall be made to reduce water consumption, enhance water reuse, and improve water quality.

Baseline data on water usage shall be developed and maintained to track consumption patterns and identify areas for improvement. Continuous monitoring and corrective actions shall be undertaken to ensure responsible water use.

### **Waste Management and Plastic Control**

The institute shall ensure systematic and environmentally safe management of solid waste generated on campus. Organic and inorganic solid waste shall be collected separately and disposed of as per established governmental and environmental norms. Waste recycling practices shall be encouraged to minimize landfill disposal.

The use of single-use plastics shall be strictly banned within the campus. Eco-friendly alternatives shall be promoted among students, staff, vendors, and visitors. Awareness campaigns shall be conducted to reinforce responsible waste disposal behavior.

### **Green Campus and Biodiversity Conservation**

The institute shall facilitate participatory documentation of its flora and fauna with the involvement of environmental experts, environmentalists, and the student community. This activity shall serve both as an educational exercise and as a sensitization process to promote respect for biodiversity.

Measures shall be taken to enhance green cover, protect existing trees, and encourage plantation drives. Landscaping and gardening practices shall emphasize native and drought-resistant plant species to support local ecosystems.

### **Role of the Green Committee**

A dedicated Green Committee shall oversee the planning, implementation, monitoring, and review of all green initiatives. The committee shall examine various environmental aspects related to green technology and green campus development. Its responsibilities include monitoring energy usage, water conservation, waste management, biodiversity enhancement, and environmental compliance.

The Green Committee shall periodically assess performance indicators such as water usage, waste generation and disposal, carbon footprint, and paper

consumption. Based on these assessments, the Green Policy shall be updated from time to time to reflect new goals, technologies, and best practices.

### **Documentation and Baseline Data**

The institute shall develop and maintain baseline data related to water use, waste generation and disposal, carbon emissions, paper usage, and energy consumption. This data shall be used for planning, benchmarking, and evaluating the effectiveness of sustainability initiatives.

### **Environmental Awareness and Community Outreach**

Environmental awareness shall be actively promoted among students, faculty, and staff through seminars, workshops, campaigns, and student-led activities. Students shall be encouraged to extend green and environmental awareness programs to nearby communities as part of social responsibility and outreach activities.

### **Conclusion**

Agni College of Technology is dedicated to integrating sustainability into its academic and administrative practices. Through collective participation of management, faculty, students, and staff, the institution aims to build a green campus that serves as a model of environmental stewardship and contributes positively to society and the environment.

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