



EMMANUEL COLLEGE

VAZHICHAL

KUDAPPANAMOODU P.O., THIRUVANANTHAPURAM - 695 505

(Affiliated to the University of Kerala)

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Environment and Energy Usage Policy

1. Introduction

Our college is dedicated to fostering a sustainable campus environment and promoting eco-friendly practices among students, faculty, and staff. This policy outlines our approach to environmental protection, energy conservation, and sustainable development.

2. Objectives

- To minimize the environmental impact of campus operations.
- To promote energy conservation and efficient use of resources.
- To encourage sustainable practices among all members of the college community.
- To comply with relevant environmental laws and regulations.

3. Scope

This policy applies to all students, faculty, staff, contractors, and visitors of Emmanuel College, Vazhichal.

4. Energy Usage

4.1 Energy Efficiency

- Utilize LED lighting solutions across all college buildings.
- Employ energy-efficient appliances and equipment.

- Conduct regular energy audits to identify areas for improvement.
- Maximize the use of natural light and ventilation to reduce reliance on artificial lighting and air conditioning.

4.2 Renewable Energy

- Maintain and expand the use of the existing solar power system to supplement the college's energy needs.
- Support awareness programmes regarding renewable energy technologies within the college.

4.3 Awareness and Education

- Organize workshops and seminars on energy conservation and sustainability.
- Promote energy and environmental education in the curriculum.
- Encourage students and staff to adopt energy-saving practices, such as turning off lights and equipment when not in use.

5. Environmental Management

5.1 Waste Management

- Implement comprehensive waste management with separate bins for different types of waste.
- Maintain vermicomposting systems for organic waste.
- Enforce a plastic-free campus with clear signage and awareness campaigns.

5.2 Water Conservation

- Install water-efficient fittings in all college buildings.
- Continue to implement rainwater harvesting systems to capture and utilize rainwater.
- Promote the use of treated wastewater for landscaping and garden.

5.3 Green Campus Initiatives

- Preserve and enhance the campus's green spaces, including vegetable and flower gardens, medicinal plants, and beautiful landscapes.
- Maintain a pollution-free environment with designated bus parking outside the campus.
- Encourage the use of bicycles and public transport to reduce the carbon footprint.
- Implement policies to reduce paper usage, such as promoting digital communication and documentation.
- Celebrate Environmental Day to raise awareness and engage the college community in environmental activities.

6. Monitoring and Evaluation

- Establish an Environmental and Energy Committee to oversee the implementation and progress of this policy.
- Conduct regular reviews and assessments to evaluate the effectiveness of environmental and energy initiatives.
- Engage stakeholders, including students, faculty, and staff, in continuous improvement efforts.

7. Compliance and Reporting

- Ensure compliance with all relevant environmental laws and regulations.
- Include environmental and energy usage metrics in the college's annual report.

Emmanuel College, Vazhichal, is committed to creating a sustainable and energy-efficient campus. Through this policy, we aim to minimize our environmental impact and inspire the college community to adopt sustainable practices, contributing to a healthier and greener future.



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