ST. JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN,
ERNAKULAM

GREEN POLICY DOCUMENT

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St Joseph College of Teacher Education for Women, Ernakulam draws upon the Philosophy of environmental protection of St Kuriakose Elias Chavara and is committed to building a society that is more sustainable and is in harmony with nature. This Green policy document reflects the following key aspects of nature Conservation and Protection of SJCTEW in its journey of molding teachers who are responsible, environmentally conscious and active global citizens.

1. Stewardship : we have burrowed Nature from our future generation and we do not own the nature
2. Respect for Creation: have a deep sense of awe and respect for nature and to act in such a way as not to cause any harm to the environment
3. Social Responsibility: to act responsibly and work collectively to address environmental challenges for the benefit of present and future generations.
4. Ethical Conduct: This includes practicing virtues such as honesty, integrity, and self-discipline that would promote sustainability, reduce waste, conserve resources, and promote living in harmony with nature.
5. Education and Awareness: To address environmental issues, raise awareness about the importance of environmental conservation and emphasize the need to cultivate an ecological consciousness among individuals and communities.

Aim

The Green Policy Document of SJCTEW aims to foster environmentally responsible practices to reduce environmental impact, promote awareness and education for a green environment, and create a culture of sustainability within the institution and beyond

Objectives

1. to demonstrate a commitment to environmental stewardship
2. to use resources efficiently, reduce waste generation, and promote recycling and reuse wherever possible
3. to reduce greenhouse gas emissions by adopting clean and renewable energy sources, implementing energy-saving measures, and encouraging sustainable transportation options.
4. to minimize the use of harmful chemicals or substances that can impact ecosystem
5. to raise awareness and promote environmental education among stakeholders

Purpose

1. It serves as a roadmap for integrating sustainability principles into the institution's operations, curriculum, research, campus operations, facilities management and community engagement.
2. The document highlights the institution's recognition of its environmental impact and its commitment to reducing negative effects on the environment. It establishes the institution's responsibility to act as a role model in promoting sustainable practices.
3. The policy outlines strategies for resource conservation, such as energy efficiency, water conservation, waste reduction, and recycling programs. It promotes the efficient use of resources to minimize environmental impact and reduce costs.
4. The Green Policy document emphasizes the importance of raising environmental awareness among students, faculty, and staff.
5. The policy encourages collaboration with relevant stakeholders, such as local communities, environmental organizations, and government agencies, to foster partnerships and exchange best practices.
6. The document establishes mechanisms for monitoring and evaluating the institution's progress in implementing green practices.

Scope

1. The Students, Research scholars , Faculty and Administrative staff of SJCTEW fall under the purview of the Policy

Roles and Responsibilities:

Each and every member of SJCTEW play crucial roles and have specific responsibilities in implementing and promoting environmentally sustainable practices within the institution**.**

Management:

- Establish and communicate the organization's commitment to the Green policy.
- Allocate necessary resources to support the implementation of sustainable practices.
- Set goals, targets, and performance indicators related to environmental sustainability.
- Monitor and review the progress of sustainability initiatives.
- Encourage and promote a culture of environmental responsibility throughout the organization.

Principal

- Oversee the implementation and coordination of the Green policy.
- Develop strategies and action plans to achieve sustainability goals.
- Engage and collaborate with stakeholders to drive sustainability initiatives.
- Monitor and report on sustainability performance.
- Provide guidance, training, and support to employees in implementing sustainable practices.

Staff and Employees

- Follow sustainable practices and adhere to the policies and guidelines outlined in the Green policy.
- Conserve resources, such as energy and water, in their daily activities.
- Practice waste reduction, recycling, and proper disposal of materials.

- Participate in sustainability training and professional development opportunities.
- Report any environmental concerns, suggestions, or violations.

Facilities and Operations Staff:

- Implement energy-saving measures, such as efficient lighting systems and equipment.
- Manage waste and recycling programs effectively.
- Maintain and operate sustainable buildings and infrastructure.
- Conduct regular maintenance and inspections to ensure efficient resource use.
- Seek opportunities for renewable energy sources and green technologies.

Student Body:

- Engage in sustainability initiatives and campaigns on campus.
- Participate in environmental clubs, events, and projects.
- Adopt sustainable behaviors, such as using public transportation or carpooling.
- Contribute ideas and suggestions for enhancing sustainability practices.
- Advocate for environmentally responsible practices within the institution.

Policy Guidelines and Procedures:

Energy Efficiency:

1. Energy Audit: to conduct an energy audit once in every three years to identify areas of high energy consumption and potential energy-saving opportunities.
2. Replace traditional incandescent or fluorescent lighting with energy-efficient LED lighting. LEDs consume less energy.
3. Encourage the use of natural light as and when possible
4. VAC Optimization: Regularly maintain and optimize ventilation, and air conditioning (VAC) systems to ensure they operate at peak efficiency. Set temperature controls at appropriate levels and encourage energy-saving practices like closing windows and doors when VAC systems are active.

5. Energy-Efficient Appliances and Equipment: Upgrade outdated appliances and equipment to energy-efficient models that have high energy-saving ratings (e.g., Energy Star certified). This includes computers, printers, photocopiers, refrigerators, and other electrical equipment.
6. Power Management: Enable power management features on computers and other devices to automatically enter sleep or standby mode when not in use. Encourage students and staff to turn off lights, computers, and other electronic devices when leaving rooms or during periods of inactivity.
7. Renewable Energy Sources: integrate renewable energy sources, such as solar panel into the institution's energy mix. Install renewable energy systems to generate clean electricity and reduce dependence on fossil fuels.
8. Conduct awareness campaigns and educational programs to promote energy-saving behaviors among students and staff. Encourage practices like turning off lights when leaving a room, using natural ventilation whenever possible, and using energy-efficient settings on electronic devices.

Waste Management:

1. Install recycling bins throughout the campus in easily accessible locations. Clearly label bins for different types of recyclable materials such as paper, plastic, glass, and metal. Educate students and staff about proper sorting techniques to ensure effective recycling.
2. Provide compost bins or composting areas where food scraps, yard waste, and other organic materials can be collected and processed into nutrient-rich compost. Use the compost in campus gardens
3. Emphasize waste reduction at its source by promoting practices like double-sided printing, minimizing paper usage through digital alternatives, encouraging reusable water bottles and coffee cups, and discouraging single-use items like plastic cutlery and straws.

4. Establish programs to encourage the donation and reuse of items such as textbooks, office supplies, and electronics.
5. Implement proper management and disposal processes for electronic waste (e-waste). Educate the community about the hazards of improper e-waste disposal
6. Encourage the procurement of products and supplies made from recycled materials, with minimal packaging, and that are environmentally friendly. Prioritize vendors and suppliers that align with sustainable practices.
7. Raise awareness among students, staff, and the wider community about the importance of waste management and recycling. Conduct workshops, educational campaigns, and training sessions to promote proper waste sorting, composting, and recycling practices.
8. Collaborate with local recycling facilities, waste management companies, and community organizations to enhance waste management efforts

Water Conservation:

1. Monitor water usage patterns and identify leaks or inefficient systems that need repair or improvement.
2. Repair any leaks or drips in faucets, toilets, irrigation systems, and other water fixtures promptly.
3. Install water-saving fixtures, such as low-flow faucets, showerheads, and toilets, throughout the campus.
4. Choose native plants and landscape designs that require minimal watering and are adapted to local climate conditions. Incorporate drought-tolerant species and xeriscaping principles, such as using mulch to retain moisture and minimize weed growth.
5. Store rainwater for non-potable uses, such as landscape irrigation or toilet flushing. Direct downspouts into rain barrels and use the collected rainwater during dry periods.
6. Educate students, staff, and the community about the importance of water conservation and efficient water use. Promote responsible water conservation practices, such as turning off taps when not in use, reporting leaks promptly, and encouraging shorter showers.

7. Explore opportunities for treating and reusing greywater from sinks, showers, and laundry facilities for non-potable purposes, such as landscape irrigation or toilet flushing. Ensure compliance with local regulations and guidelines for greywater reuse.
8. Implement water-saving practices in science laboratories and other areas that require water-intensive activities. Encourage responsible water use.

Sustainable Transportation:

1. Develop and maintain infrastructure that supports active modes of transportation, such as walking and cycling.
2. Create safe and accessible walking paths, bike lanes, and bike racks on campus to encourage students and staff to choose these modes of transportation.
3. Encourage the use of public transportation by providing information on routes, schedules, and discounts available to students and staff.
4. Encourage sustainable transportation options such as walking, biking, or using Public transport or carpooling to reduce carbon emissions.
5. Provide designated bike racks, promote public transportation use, and incentivize eco-friendly commuting practices.

Green Procurement:

1. Prioritize the purchase of environmentally friendly products and services.
2. Give preference to suppliers that adhere to sustainable practices, including using recycled materials, minimizing packaging waste, and producing energy-efficient goods.

Curriculum Integration:

1. Infuse sustainability and environmental education throughout the curriculum to raise awareness and promote sustainable practices among students.
2. Incorporate topics such as climate change, renewable energy, biodiversity, and sustainable development into various subjects.

Green Spaces and Landscaping:

1. Create and maintain green spaces on campus to improve air quality, provide recreational areas, and enhance biodiversity.
2. Use native plants that require less water and maintenance, and avoid the use of pesticides and harmful chemicals.

Awareness and Education:

1. Organize workshops, seminars, and awareness campaigns to educate students, staff, and the wider community about environmental issues and sustainable practices.
2. Engage students in eco-projects, such as community clean-ups and tree planting initiatives.

Monitoring and Reporting:

1. Regularly monitor and assess the progress of the institution's sustainability efforts.
2. Set measurable goals and track energy consumption, waste reduction, water usage, and other relevant metrics.
3. Publish reports to share achievements and areas for improvement with the community.

Collaboration and Partnerships:

1. Foster collaboration with local organizations, NGOs, and sustainability-focused initiatives.
2. Seek partnerships to implement joint projects, share best practices, and amplify the impact of green initiatives.