



PRINCE SHRI VENKATESHWARA ARTS AND SCIENCE COLLEGE,

GOWRIVAKKAM, CHENNAI-73

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ENERGY CONSERVATION POLICY



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Introduction:

The Prince Shri Venkateshwara Arts and Science College's environment and energy usage policy calls for systematic energy management to reduce environmental effect. The college Green Campus Committee is committed to promoting environmental awareness, implementing green policies, and running green literacy campaigns to conserve energy and safeguard the environment.

Vision:

The institution's numerous activities as well as all its stakeholders must adhere to this environment and energy policy, which is mandatory on all the institution's parts. The strategy suggests investigating renewable energy sources to lessen the burden on the government and discover alternative resources as remedies for the energy issue. Our daily actions will become more efficient and environmentally conscious, which will help us understand our responsibilities to protect natural resources and limit their use.

Scope of the Policy:

The policies and initiatives for the conservation of energy, environment and green campus activities will develop a positive attitude towards nature. Being the future nation builders of the society, the students are expected to disseminate the same through various activities.

Objectives of this policy:

Objective 1: Instilling Environmental Consciousness in Students

It is crucial for students to comprehend the significance of the environment and its challenges. By understanding the interdependence between human activities and ecological systems, they can become effective agents of change. The following approaches will be employed to achieve this objective.

a) Incorporate Environmental Curriculum: Integrate environmental education into the curriculum to equip students with the knowledge and skills needed to address environmental issues in their future.

b) Hands-on Learning: Organize field trips and practical experiences in natural environments, exposing students to firsthand experiences that foster a deep connection with nature.

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c) **Guest Lectures and Workshops:** Invite experts and environmentalists to deliver lectures and workshops, enabling students to gain insights into current environmental problems and potential solutions.

Objective 2: Empowering Students as Environmental Advocates

To create awareness among the public, students need to be equipped with effective communication and advocacy skills. The following strategies will be employed to achieve this goal:

a) **Communication Training:** Provide workshops on effective communication techniques to help students articulate environmental issues persuasively.

b) **Awareness Campaigns:** Encourage students to organize awareness campaigns and workshops in schools, colleges, and local communities to educate the public about environmental challenges and the importance of conservation.

c) **Digital Outreach:** Utilize social media platforms and digital tools to reach a broader audience and raise awareness on environmental issues and sustainable practices.

Objective 3: Promoting Campus Environmental Sustainability

To protect and conserve ecological systems and resources within and outside the campus, the following initiatives will be implemented:

a) **Green Campus Initiatives:** Establish eco-friendly practices on campus, such as waste recycling, energy conservation, and water management, through collaborative efforts involving faculty, staff, and students.

b) **Biodiversity Conservation:** Create designated green spaces and wildlife-friendly areas to preserve biodiversity on campus.

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c) Curriculum Integration: Encourage incorporating environmental sustainability concepts across various subjects, ensuring that every student receives exposure to eco-consciousness.

Objective 4: Engaging with Rural Communities for Environmental Action

To enhance environmental protection practices and energy conservation strategies in rural areas, students will engage with local communities through the following activities:

a) Community Outreach: Collaborate with local NGOs and community leaders to organize workshops and seminars on sustainable practices and environmental awareness.

b) Energy Conservation Workshops: Conduct workshops on renewable energy, energy-efficient practices, and resource management for the rural population.

c) Community-based Projects: Facilitate students to initiate small-scale projects in rural areas that address local environmental concerns and promote sustainable development.

Action Plan:

Prince Shri Venkateshwara Arts and Science College is committed to maximize energy conservation procedures through various measures.

A committee will be established to actively monitor and curb energy wastage on the campus. The Energy Conservation Committee (ECC) will be comprised of representatives from the faculty, staff, and student body, along with the support of the Eco-club.

Green Audit: Green Audit will be conducted by the Energy Conservation Committee to assess the campus's energy consumption patterns and identify areas for improvement in energy efficiency.

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Uninterrupted Energy Supply: To ensure continuous energy supply, the campus will have a robust backup power system to meet the uninterrupted energy demands during emergencies and power outages.

Transition to LED Lighting: The existing conventional lighting in the campus will be replaced with energy-efficient LED lamps to reduce electricity consumption.

Monitoring Solar Power Utilization: The ECC will closely monitor the electricity bills to assess the efficient utilization of solar power generated by the solar panels installed on the rooftop of the college building.

Energy Conservation Awareness: The college's Eco-club will actively create awareness among students and staff about energy conservation and management through awareness campaigns and educational programs.

Promoting Energy-Efficient Transportation: Students and staff will be encouraged to practice energy efficiency by promoting vehicle pooling and the use of bicycles as a sustainable mode of transportation.

Expert Lectures on Energy Conservation: The institute will organize expert lectures on various aspects of energy conservation to educate and sensitize the campus community on sustainable energy practices.

Policy Review and Implementation: The approved energy conservation policy will be continuously reviewed and updated by the Energy Conservation Committee, ensuring its effective implementation across the campus.

Dissemination of Sustainable Practices: The college will actively disseminate energy conservation practices to the wider community through awareness programs and campaigns, promoting sustainable development.

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Responsible Use of Electronic Devices: Students will be directed to ensure proper utilization of electronic devices, with a mandate to turn them off when not in use, minimizing unnecessary energy consumption.

E-Waste Reduction and Management: The college will implement effective e-waste reduction measures, emphasizing proper maintenance and repair before considering replacement or recycling.

Energy-Efficient Equipment: The campus will prioritize the use of energy-efficient, star-labelled equipment for various purposes, further reducing energy consumption.

Energy Audit Training: Adequate training will be provided to students and faculty members on energy audit procedures for sustainable institutional and household energy conservation.

By implementing these measures and fostering a culture of energy consciousness, the college aims to lead by example in sustainable energy practices and inspire positive change within the campus and the broader community.