



An ISO 9001:2015 Certified Institution

**SAI RAJESWARI INSTITUTE OF TECHNOLOGY**

Approved by AICTE, New Delhi | Affiliated to JNTUA, Anantapuramu  
Lingapuram (V), Proddatur – 516362, Y S R District, Andhra Pradesh

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## CRITERION VII—INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.5 Green campus initiatives:

Initiatives Undertaken by The Institution To Green campus initiatives

## Institute Environment Policy



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## POLICY DOCUMENT ON ENVIRONMENT AND ENERGY

### Preamble:

The Environment and Energy usage Policy of Sai Rajeswari Institute of Technology is to manage energy in such a systematic way so as to minimize its impact on the environment. Green Campus Committee of college is devoted to the cause of environmental awareness, to undertake green initiatives, and to conduct green literacy programme to save energy and to protect the environment.

### Vision:

This environment and energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. The policy implies to explore the renewable energy resources to reduce the burden of the government and to find out alternate resources as solutions to the energy crisis. It will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

### Objectives:

- To sensitize all stakeholders towards a Clean, Green, and Sustainable Environment.
- To help the students/Faculty understand each individual's responsibility to take an initiative to save the environment.
- To work with all stakeholders and the local community to adopt environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.

### Policy:

**Awareness:** Shall be create awareness on Environmental conservation among students, faculty, administrative and supportive staff and work towards sustainable development.

**Eco-education:** Environmental studies focusing on environmental concepts and issues will be integrated into to all academic, curricular, and extracurricular activities and programs of the College.

**Green Initiatives:** The College will work towards conserving and protecting natural resources for the future generation and will adopt green initiatives and sustainable measures for a clean and green campus. Activities to install a sense of responsibility on environmental preservation will be promoted.

**Pollution Management:** Towards reducing pollution, steps will be taken up for minimising CO<sub>2</sub> emission from automobiles. Authorities shall take suitable steps for a Smoke-free and Tobacco-free campus. The relevant placards re displayed to highlight the need for a clean, green, and sustainable environment

**Outreach Programmes:** The College will take up initiatives through its extension activities to reach the society through campaigns, workshops and awareness drives on pertinent environmental issues.



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**Energy saving:** Graded efforts will be taken to replace out dated and energy consuming equipment with Energy efficient equipment /LED bulbs, Sensor based energy conservation measures shall be adopted. All stakeholders shall avoid using electric lights in classrooms and halls where there is sufficient natural light

**Renewable Energy:** To ensure energy security and conserve Nation's natural resources, the use of renewable energy through installation of solar power panels to augment the energy needs of the college will be implemented soon in upcoming year.

**Waste Management:** Segregation of solid wastes in different colour coded bins will be ensured across the campus, Solid waste management of organic matter through vermin composting will be sustained.

**Ban On Single Use Plastic:** Institute shall take a step forward to ban single use plastic all Save Energy, Save Money, Save Nation, Save the Planet. Together to minimize plastic pollution in the campus. All stakeholders will be advised to use jute or cloth products for various purposes.

**Water management:** Through replenishing the ground water by rainwater harvesting systems, bore well recharge system, trenches, ponds/bunds, judicious use of water resources and proper maintenance of water distribution system will be implemented

**Quality audits on environment and energy:** Energy Audit, Green Audit & Environment Audit to be conducted to assess and analyze the environmental impact. The analysis will be utilized to implement energy saving measures and upgrade the environmental condition in the campus.

Principal

PRINCIPAL

Sai Rajeswari Institute of Technology  
PRODDATUR, Y.S.R. Dist.



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## POLICY DOCUMENT ON THE GREEN CAMPUS

A Green Campus is one that carries out these functions according to a system-wide culture of environmental sustainability, balancing function and design with existing and foreseen resources. The Green Campus institution is a laboratory of self scrutiny, experimentation, and application. At its best, it is a model environmental community where operational functions, business practices, academic programs, and people are interlinked, providing educational and practical value to the institution, the region, and the world.

### Objectives:

- **Protecting and Preserving the Environment:** The primary goal is to minimize the campus's environmental impact and conserve natural resources.
- **Promoting Sustainability:** Implementing practices that ensure long-term environmental health and resource efficiency.
- **Raising Awareness:** Educating students, faculty, and staff about environmental issues and sustainable practices.
- **Creating a Clean and Green Campus:** Maintaining a clean and aesthetically pleasing environment.
- **Minimizing Waste:** Reducing, reusing, and recycling materials to minimize landfill waste.
- **Promoting Energy Efficiency:** Implementing energy-saving measures and utilizing renewable energy sources.
- **Making the Campus Plastic Free:** Eliminating single-use plastics and promoting alternative, eco-friendly options.

Key Initiatives:

### Waste Management:

- **Segregation and Recycling:** Implementing systems for sorting and recycling various waste streams.
- **Composting:** Utilizing composting methods for organic waste.

**Reducing Single-Use Plastics:** Banning or significantly reducing the use of plastic bags, cups, and other single-use items.

**Promoting Reuse and Repair:** Encouraging the reuse of materials and the repair of items rather than immediate disposal.



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## Energy Efficiency:

- **LED Lighting:** Replacing traditional lighting with energy-efficient LED bulbs.
- **Renewable Energy:** Utilizing solar panels and other renewable energy sources.
- **Energy Audits:** Conducting regular energy audits to identify areas for improvement.
- **Promoting Energy Conservation:** Encouraging staff and students to conserve energy by turning off lights and equipment when not in use.

## Water Conservation:

**Rainwater Harvesting:** Implementing rainwater harvesting systems to collect and utilize rainwater.

**Water-Efficient Fixtures:** Installing water-efficient toilets, showers, and faucets.

**Promoting Water Conservation:** Encouraging staff and students to conserve water by taking shorter showers and fixing leaks.

## Green Spaces and Biodiversity:

**Tree Planting:** Organizing tree planting drives to increase green cover and improve air quality.

**Landscaping:** Utilizing native plants and sustainable landscaping practices.

**Protecting Biodiversity:** Protecting and promoting biodiversity within the campus.

## Transportation:

**Promoting Public Transportation:** Encouraging the use of public transportation and carpooling.

**Bike-Friendly Campus:** Providing bike racks and promoting cycling as a sustainable mode of transportation.

## Awareness and Education:

**Environmental Awareness Campaigns:** Organizing events, workshops, and campaigns to raise awareness about environmental issues.

**Integrating Environmental Education:** Incorporating environmental education into the curriculum.

**Encouraging Student Involvement:** Forming student clubs and committees to promote environmental initiatives.



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## Other Initiatives:

**Paperless Office:** Implementing paperless practices in administration and **operations**.

**Sustainable Procurement:** Prioritizing the purchase of environmentally friendly products and services.

**Green Building Practices:** Incorporating green building principles in new construction and renovations.

Principal

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