



SANSKRITHI SCHOOL OF ENGINEERING

Behind SSSS Hospital, Beedupalli knowledge park, Prasanthigram, Puttaparthi - 515134
Affiliated by JNTUA & Approved by All India Council for Technical Education (AICTE), www.sseptp.org

Environment and Energy usage Policy

In 2017, Sanskrithi School of Engineering was honored with the ISO 50001 Energy Management Systems certification by RISE (Research Industrial Systems Engineering) Austria. ISO 50001, an international standard developed by the International Organization for Standardization (ISO), provides guidelines for organizations across sectors to optimize energy usage through the implementation of an Energy Management System.

This esteemed certification demonstrates SSE's commitment to enhancing energy efficiency and sustainable practices. ISO 50001 outlines the requirements for establishing, implementing, maintaining, and continually improving an energy management system within the organization. The primary objective is to enable systematic approaches that drive consistent enhancements in energy performance, encompassing aspects such as energy efficiency, energy security, and overall energy consumption.

By adhering to ISO 50001, SSE aims to optimize energy utilization, reduce carbon footprint, and enhance energy security. The implementation of an effective energy management system not only benefits the institution but also contributes to broader environmental conservation efforts.

Sanskriti School of Engineering's achievement of ISO 50001 certification signifies its proactive approach towards energy management and underscores its commitment to sustainability. This accolade recognizes the institution's dedication to continual improvement and sets it apart as a leader in responsible energy practices within the educational sector.

Policies:

- ✓ To assess our energy usage and measure its impact on the environment.
- ✓ To count CO2 emissions generated by our means of transportations- vehicles.
- ✓ To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- ✓ To install photovoltaic solar panels for the generation of alternate energy.
- ✓ To install LED bulbs in the complete campus to save energy.
- ✓ To develop systematic waste management mechanism.
- ✓ To develop rain water harvesting unit.
- ✓ To undertake tree plantation drive.
- ✓ To take additional measures to continuously improve our energy consumption.
- ✓ To develop and maintain an environmental management system which is ISO: 14001 and an Energy Management System based on ISO: 50001.
- ✓ To ensure the availability of necessary resources to achieve our objectives.
- ✓ To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise, particularly from our vehicle fleets.




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Principal

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- ✓ To engage in dialogue with the government agencies, municipal corporation and the affiliating university and actively work with the local organizations in the areas of environment, energy efficiency and sustainable development.
- ✓ To monitor and respond to emerging environmental and energy issues. To strengthen our employees' and students' environmental knowledge and skills in order to improve our own environmental performance.
- ✓ To provide information and training opportunities on energy saving measures.
- ✓ To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.

This policy will be communicated to the students and employees via internal communication channels, and will be made available to all the stakeholders on the institutional website. The Environment and Energy Policy, objectives and targets will be reviewed on a regular basis by governing body.




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Environment and Energy usage Policy

At Sanskrithi School of Engineering (SSE), we are committed to fostering a sustainable and environmentally responsible campus environment. Our dedication to energy management and conservation aligns with our ISO 50001 Energy Management Systems certification, demonstrating our proactive approach towards sustainability. This policy outlines our commitment to minimizing our environmental impact, optimizing energy usage, and promoting responsible practices within the educational sector.

1. Purpose

The purpose of this Environment and Energy Usage Policy is to outline Sanskrithi School of Engineering (SSE), commitment to responsible environmental stewardship and efficient energy utilization. This policy serves as a guiding document to promote sustainability, reduce environmental impact, and optimize energy consumption across all aspects of our operations.

2. Policy Statement

Sanskrithi School of Engineering (SSE) is dedicated to preserving the environment and minimizing its carbon footprint. We recognize that responsible environmental and energy management is not only crucial for ecological well-being but also essential for long-term economic sustainability. To fulfill this commitment, we establish the following principles and guidelines:

3. Environmental Responsibility

3.1. Compliance with Regulations: Sanskrithi School of Engineering (SSE) will adhere to all relevant environmental laws, regulations, and standards in all locations where we operate. We will also strive to exceed minimum compliance requirements whenever possible.

3.2. Pollution Prevention: We will take proactive measures to prevent pollution, including the reduction of greenhouse gas emissions, minimizing waste generation, and controlling the use of hazardous substances.

3.3. Resource Conservation: Sanskrithi School of Engineering (SSE) will manage natural resources prudently, aiming to reduce consumption, promote recycling and sustainable sourcing, and minimize environmental impacts associated with our activities.

3.4. Biodiversity Protection: We will work to protect and conserve biodiversity in the areas where we operate, ensuring that our activities do not harm local ecosystems or wildlife.

3.5. Sustainable Practices: We will integrate sustainability principles into our decision-making processes, encouraging responsible practices across all levels of the organization.

4. Energy Efficiency

4.1. Energy Management: Sanskrithi School of Engineering (SSE) will develop and maintain an effective energy management program to optimize energy efficiency in all our operations, including office spaces, manufacturing facilities, and transportation.

4.2. Renewable Energy: We will explore opportunities to increase the use of renewable energy sources and invest in renewable energy technologies where feasible.




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4.3. Energy Conservation: We will implement energy conservation measures, such as the use of energy-efficient equipment, appliances, and lighting, and encourage employees to adopt energy-saving practices.

4.4. Monitoring and Reporting: Regular energy audits and reporting will be conducted to track energy usage and identify areas for improvement.

5. Employee Engagement

5.1. Employee Awareness: Sanskrithi School of Engineering (SSE) will educate and engage employees in environmental and energy conservation efforts, fostering a culture of sustainability.

5.2. Training and Skills Development: We will provide training and resources to enable employees to contribute to our environmental and energy goals effectively.

6. Continuous Improvement

6.1. Performance Evaluation: Sanskrithi School of Engineering (SSE) will set environmental and energy performance targets and regularly assess progress toward achieving these targets.

6.2. Stakeholder Engagement: We will engage with stakeholders, including customers, suppliers, and the community, to gather feedback and drive improvements in our environmental and energy practices.

7. Accountability

7.1. Responsibility: It is the responsibility of every employee to uphold this policy and actively contribute to our environmental and energy objectives.

7.2. Compliance: Non-compliance with this policy may result in disciplinary action, up to and including termination of employment or contractual relationships.

8. Review and Revision

This Environment and Energy Usage Policy will be reviewed annually and updated as necessary to reflect changes in environmental regulations, best practices, and organizational goals.

By adhering to this policy, Sanskrithi School of Engineering (SSE) is committed to being a responsible steward of the environment and a leader in sustainable energy management.




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