SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution | Approved by AICTE | Affiliated to Anna University | Accredited by NAAC with A++ Grade
Kuniamuthur, Coimbatore – 641008
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6.4.1 Water Reuse Policy

6.4.1 Water reuse policy

Water reuse is the process of using treated wastewater for a variety of purposes, such as agricultural and landscape irrigation, industrial activities, toilet flushing, and groundwater replenishment. Water reuse can lead to both financial and resource savings.

It can also help to address soil nutrient deficiencies by replacing artificial fertilisers with nutrient-rich treated wastewater. Numerous Indian states have adopted the Safe Reuse of Treated Water (SRTW) Policy to achieve SDG 6 targets. The policy intends to be accepted and implemented by all states by developing sewage treatment plants in major cities and towns.

Water conservation and reuse are mandated under our institution's Green Campus Policy and Environment and Energy Usage Policy, which were put into effect in 2020. The policy mandates the use of water-saving techniques and technology, raising staff and student awareness of water conservation, and tracking and lowering campus water usage.

The policy guidelines support water reuse through the recycling of waste and sewage water. The green campus strategy intends to construct and maintain rainwater gathering systems to maximise groundwater recharge and water reuse.

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POLICY DOCUMENT

Policy on Water Conservation and Reuse



Particulars	Page No.
Policy Statement	1
Objectives of the Policy	1
Scope of the Policy	1
Water Conservation and Reuse Strategies	2
Responsibilities	2
Monitoring and Evaluation	3
Awareness and Training	3
Compliance	3



Policy Statement

Sri Krishna College of Engineering and Technology recognizes the importance of water conservation and is committed to promoting sustainable water use practices across its campus. This Water Conservation Policy aims to outline the key measures and strategies the college will implement to reduce water consumption, enhance efficiency, and contribute to overall sustainability efforts.

1. Objectives of the Policy

The primary objectives of the Water Conservation Policy are as follows:

- Reduce the overall water consumption across the campus.
- Promote awareness and educate the campus community on the importance of water conservation.
- Implement water-saving technologies and practices in all facilities.
- Monitor and evaluate water usage regularly to track progress and make necessary adjustments.
- Contribute to the local community and the environment by protecting water resources.

2. Scope of the Policy

This policy applies to all buildings, facilities, staff, faculty, students, and other stakeholders of Sri Krishna College of Engineering and Technology. It encompasses all water usage, including in academic buildings, dormitories, cafeterias, restrooms, laboratories, and outdoor facilities.



3. Water Conservation and Reuse Strategies

To achieve the goals of this policy, the following strategies will be employed:

- **Water-Efficient Infrastructure:** All new building projects and renovations will include water-efficient fixtures such as low-flow faucets, toilets, and showerheads. Existing infrastructure will be audited and retrofitted with water-saving devices wherever feasible.
- **Rainwater Harvesting:** The College will install rainwater harvesting systems where possible to collect and store rainwater for irrigation, cooling, and other non-potable uses.
- **Leak Detection and Repair:** A regular inspection schedule will be maintained to detect leaks in pipes, faucets, toilets, and other water infrastructure. Prompt repair of leaks will minimize water wastage.
- **Water-Efficient Landscaping:** The College will adopt efficient recycling techniques to reduce water usage for landscaping. Irrigation systems will be upgraded to use water efficiently, including the use of drip irrigation and smart controllers.
- **Educational Campaigns:** Regular workshops, seminars, and awareness campaigns will be held to educate students, staff, and faculty about the importance of water conservation and practical ways they can reduce water consumption in their daily lives.

4. Responsibilities

- **Water Management Committee**: A waste management committee will be formed to oversee the implementation of the policy and foster a culture of sustainability across the campus.
- **Maintenance Staff**: The Maintenance team will be in charge of implementing water-saving technologies, conducting regular inspections for leaks, and maintaining rainwater harvesting systems.



- **Faculty and Staff**: Faculty and staff will be encouraged to promote water conservation in their departments, reduce water wastage, and participate in awareness campaigns.
- **Students**: Students will be encouraged to adopt water-saving behaviors, such as using water responsibly, reporting leaks, and participating in educational initiatives.

5. Monitoring and Evaluation

The effectiveness of this policy will be monitored regularly through:

- **Annual Water Audit:** An annual audit of water consumption will be conducted to assess whether the targets are being met. Recommendations for further improvements will be provided based on the findings.
- **Water Usage Reports:** Monthly or quarterly reports will be generated, providing data on water usage patterns across the campus. These reports will be reviewed by the college administration to track progress and identify areas for improvement.
- **Feedback Mechanisms:** Students, staff, and faculty will have the opportunity to provide feedback on the water conservation initiatives through surveys or suggestion boxes.

6. Awareness and Training

- Regular workshops, seminars, and campaigns will be conducted to raise awareness about the importance of water conservation.
- Students will be educated about water management during orientation sessions and through other channels.

7. Compliance

This policy will be reviewed annually and, if necessary, updated to incorporate new technologies, changes in water availability, or evolving sustainability goals. Feedback from students, faculty, and staff will be incorporated during the review process.



Sri Krishna College of Engineering and Technology is committed to reducing its environmental footprint and promoting sustainability in all areas of operation, including water conservation. Through the implementation of the strategies outlined in this policy, the college aims to set an example of environmental responsibility while ensuring that water resources are used efficiently and responsibly for the benefit of future generations.

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Note:

This Policy is approved in the 14th Governing Body Meeting held on 12.12.2023

