



# ST. FRANCIS DE SALES COLLEGE

A FRANSALIAN INSTITUTE OF HIGHER EDUCATION

NAAC ACCREDITED • PERMANENTLY AFFILIATED TO BANGALORE UNIVERSITY • AICTE APPROVED • RECOGNISED UNDER SECTION 2(F) & 12 (B) OF THE UGC ACT • ISO 9001:2015 CERTIFIED

## Criterion 7

### Institutional Values and Best Practices



#### 7.1.3 Policy Document on Environment and Energy Usage

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## Policy Document on Environment and Energy Usage

St Francis de Sales College with a vision of “Excellence, Efficiency, Transformation”, is committed to efficient use of resources. We are committed to fulfilling the legitimate requirements of our present generation without compromising the ability of future generations to meet their own needs. We look forward to maintaining our campus green through smart and judicious land use, environmental planning, and resource management, which includes improving energy efficiency such as using Solar Panels, proper liquid and solid waste management, Rain water harvesting, Open Recharge wells, and Open Tanks.

### **Purpose**

The Environmental and Energy Policies of the college are made to provide an overview of the College's vision to minimize the environmental impacts of its activities and operation and sustainable management of the available resources. The policy statement highlights how the college would pursue environmental best practices and inspire the sustainable use of resources at the community level within and outside the college premises. It lays out the concepts and delineates priority areas, and methods for the college's environmental plans' implementation, management, and evaluation.

### **Scope**

The college aims to address the issue of sustainability as a part of curricular and extra-curricular activities. We welcome suggestions and promote the exchange of ideas to make a more risk-averse, resilient, and sustainable society.

### **Objectives of Environment and Energy Policy**

1. The College will attempt to train its personnel and develop knowledge of environmental issues and the environmental effects of its activities among academic staff, students, and other users
2. Raise awareness about keeping the campus clean and green.
3. Establish sustainable practices on campus and among stakeholders.
4. Ensure the long-term viability and environmental protection of the organization
5. Conduct Green Audit, Energy Audit, and Environment Audit Regularly.
6. Use of renewable energy sources like Solar Panels and Rainwater Harvesting.
7. Reduction in resource consumption.
8. Actively collaborate with local groups in the areas of environment, energy efficiency, and sustainable development by engaging in communication with government agencies, municipal corporations, and affiliating colleges.





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**The College's Environment Policy will be pursued through the following priority areas:**

## **Water Management**

1. Use effective Management strategies to Conserve water and reduce its use
2. Use of least amount of water possible by its activities, and it will ensure that the water it uses is both provided and disposed of in the purest possible condition.
3. Maintaining rainwater harvesting systems in the campus buildings for groundwater replenishment and water self-sufficiency
4. Maintaining the Open Recharge well and Open Tanks
5. Ensuring the proper Liquid waste management System.
6. Encourage reporting leaks and swiftly repairing them
7. Conserve water by building more Indian-style toilets rather than Western-style toilets.

## **Solid waste Management**

The college will strive to limit waste creation in all possible ways, including reducing the procurement of new materials, reusing and recycling existing materials, and, if this is not possible, disposing of garbage in a manner that has the least environmental impact.

1. The usage of plastic is prohibited on campus.
2. Waste containers/Dustbins are positioned where they are needed.
3. Composting of solid waste
4. Hazardous and E-waste must be handled, transported, and disposed of properly
5. Collect and recycle paper waste generated on campus in collaboration with scrap merchants
6. Update the college library's e-books and e-journals collection to reduce the need for printed books
7. Engage in the 3Rs of environmental friendliness systematically (Reduce, Reuse, and Recycle).
8. Develop a technology-centric educational and administrative strategy to reduce solid waste

## **E-waste Management**

The college assures that its technological use and e-waste output have no negative influence on the environment. The college intends to work toward the following goals.

1. More arrangements for the disposal of institutional e-waste.
2. Working with e-waste recycling firms to recycle electronic waste.
3. Awareness among students about e-waste reduction and environmentally responsible e-waste disposal techniques.
4. Encouraging e-waste management initiatives at the departmental levels.





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## Air Quality Management

1. **Clean Air Initiatives:** Our students and employees are encouraged to take public transportation. We promote carpooling to college as a way to reduce pollution while also increasing social engagement.
2. **Smoking-Free Campus:** The College prohibits smoking and the use of other tobacco products under the framework given by the National Tobacco Control Programme (NTCP) 2007-2008.
3. **Transport:** All faculty, staff, and students will be encouraged to walk, ride bicycles, or take public transportation to and from the college, as well as between its campuses and outdoors the campus, and will be discouraged from using single-occupancy private vehicles.

## Reduce Carbon Footprints

1. Implementing the Reduce, Reuse, and Recycle (R) approach to achieve zero waste.
2. Green computing to cut down on paper usage.
3. Use of energy-efficient lighting and equipment.
4. An increase in the amount of greenery on campus.

## Environmental Education, Training, and Awareness

1. **Environment-centric Student Societies and Department Activities:** The College encourages all departments, as well as specific student societies such as NSS, NCC, and others, to hold events, competitions, and training sessions that will result in beneficial environmental changes at the grassroots level. The institution works with departments and student clubs to help students become active environmental protectors and conservationists.
2. **Conduct a Green Audit:** The institution intends to undertake a Green Audit of our college campus regularly to analyze our strengths and weaknesses to advance our long-term sustainability goals. A green audit can help you figure out how and where you're wasting the most energy, water, or resources.
3. **Plastic-Free Campus:** Since its founding, the College has complied with the majority of its responsibilities in terms of solid waste management. In light of the Indian government's decision to ban all single-use plastics due to the harmful effects of plastic use and pollution, the college administration rigorously prohibits the use of single-use plastics on its property to make it a "Plastic Free Campus."
4. **Clean Campus Initiatives:** Under the objective of the Swachh Bharat Abhiyan, the College vowed to aggressively coordinate cleanliness operations both on and off campus. It pledges to keep this program going. The following is the broad vision.





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- Educating students and staff members about the importance of cleanliness and hygiene by staging frequent cleanliness drives.
- All community work done by the college's NSS, and NCC volunteers will include activities under the Swachh Bharat Abhiyan.
- Competitions for posters and slogans, essay writing, spoken word poetry, speeches, and skits on the theme of "Swachh Bharat" will be held.
- To raise public awareness, rallies on topics related to the Swachh Bharat Abhiyan will be held on and around the college campus.
- Commit to manage garbage and keep the campus clean, especially during college events.

## Landscaping Initiatives

It is an important aspect of a campus's life, giving opportunities for study, recreation, outdoor activities, relaxation, and aesthetic enjoyment. Green campus landscapes also assist in recharging groundwater, controlling runoff, and purifying and cooling the air on campus.

On campus, there are around 30 plant species as well as acres of grass. The landscape of trees and plants provides a clean, cool ambiance to the visitors, students, and staff, as well as a relaxing atmosphere. The campus has a Butterfly Garden, Herbal Garden, and SFS woods. By organizing regular tree plantation drives and encouraging student groups to host tree planting events, the college pledges to enrich this healthy ecosystem.

## Energy Conservation

1. Wherever possible, reduce the amount of electricity consumed.
2. Use of Solar Panels.
3. Use of Energy- Efficient Light Bulbs.
4. Energy conservation by encouraging the use of natural light
5. Make the most of natural light for indoor illumination and ventilation.
6. Install environmentally efficient electrical appliances that save energy and cut down on trash. The college believes in adopting environmentally friendly energy sources such as LED lighting.





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## DESALITE NATURE'S CLUB

Desalite Nature's Club comprises a group of faculty members and students who work together to create environmental awareness in the College by creating events and taking initiatives to promote the environment. The Environment and Energy policy will be disseminated through the Nature's Club.

### Objectives of the Desalite Nature's Club

- To motivate students about the conservation of energy and other natural resources
- To promote the idea of pollution free environment
- To help students create awareness among society in protecting the environment.
- The Club seeks to enlighten the students on the importance of the protection of Nature through seminars, workshops, and other activities.
- The Club especially focuses on the aspect of "Swatch Bharat" and "Youth for Green" and how these slogans can be effectively implemented on the campus.
- The Club will also venture the possibilities of tying up with other organisations that work for the protection of the environment.

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