



# ST. FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)

(Roman Catholic Christian Minority Educational Institute)  
(Approved by AICTE & Govt. of Maharashtra with permanent Affiliation to University of Mumbai)

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Ref:

## POLICY FOR CLEAN AND GREEN CAMPUS

Date :

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SFIT is surrounded by greenery with various types of plants and trees, including fruit bearing trees. In fact, it is one of the major attractions of SFIT. The institute feels responsible towards the environment and works to instil the same sense of responsibility in students through awareness and organized initiatives.

The green campus concept offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among students and staff. The Institute also promotes Clean and Green campus through adopting, practicing and promoting environmental friendly practices among students and staff to generate Eco-consciousness among them and in the world around them.

The NSS Unit of SFIT plans, promotes and encourages student participation in events that specifically nurture a responsible approach and eco-friendly consciousness.

### **Objectives**

- To protect and conserve ecological systems and resources within the campus
- To encourage students to keep environment clean
- To continuously improve the efficient use of all resources and promote Reduce, Reuse and Recycle
- To educate students and help them initiate and execute events that create awareness amongst public
- To make students understand the importance of environment, its problem areas and the role they can play in making a difference

### **Policy**

The Institution is committed to managing its campus in accordance with responsibilities towards promoting sustainable environment. These responsibilities can be demonstrated within the following areas:

- Green Environment and Clean Campus
- Solid Waste Management
- E -Waste Management
- Liquid Waste Management
- Soil Management
- Maintenance of Water Bodies
- Water Conservation and Management
- Majorly Paperless operating procedure
- Landscaping with Trees and Plants
- Energy Use and Conservation



- Restricted Use of Automobiles
- Plastic – free campus initiatives
- Display Boards on College Campus
- Green Audit

#### **Reduced Use of Vehicles**

SFIT is easily accessible given its location that is well connected by road and rail. Since the students and staff get to make use of local trains or public transport for their travel, this results in reduced use of private vehicles and decrease in carbon emissions. Thus, contributing towards a clean environment. We promote the use of bicycles and have observed few students motivated by the same.

The vehicles are directed to parking lot from the very first gate, leaving much easy walkable space and the pathways have been marked clearly. The entire area in the campus is full of green landscape and the students can freely walk around the campus at leisure.

#### **Go Green SFIT – Plastic free Campus**

The trees on the campus are marked to make students aware and sensitize young minds towards environment. The campus is plastic free due to the efforts taken to spread awareness about the use of paper, cloth and jute bags. The students conduct signature campaigns to say no to plastic. ‘Go Green SFIT’ is an initiative by the students to keep plastic away from the campus. This initiative involves the sale of jute bags to the students and staff so that they make use of these lasting and environment friendly products instead of plastic. In addition to that, the plastic wrappers used in the canteen are collected by student volunteers and sent to the Bisleri plastic recycling project.

#### **Majorly Paperless Operating Procedures and Working**

SFIT emphasizes on reduced usage of paper by using digital platform for academic and administrative work. The institute’s ERP system that was well-established way before the pandemic times is an example of the same.

#### **Water Conservation and Management – Rain water harvesting**

The topography of the campus supports easy accumulation of the runoff water from higher surfaces at the lowest corner of the campus where there is a large pond. The water conserved in this pond comes to utilization for several purposes throughout the year, like gardening and sanitary purposes, especially during summer season for watering the plants as SFIT has wide-spread greenery in campus. The rainwater gets collected into this pond and it never runs dry.

The timely work of maintenance and repairs of the sewage canals is done. There are sewage canals being laid surrounding the college structure as well as the entire campus for the proper management and smooth flow of water. The sewage canals are deep enough, retaining enough water for a longer time thus helping the recharging of the water table in the surrounding. Strong and well-designed pipes are laid to flow the water from the rooftop into the sewage prepared for this purpose.



With the rainwater harvesting structure in the campus further improves the quantity and the quality of the ground water table within and the surroundings.

### **Solid Waste Management**

SFIT promotes proper management of waste generated in the campus. The solid waste generated includes plastic wrappers, plastic bottles, paper, glass, metals and food waste. About 15-20 kg. of solid waste is generated in the campus every day and to manage the biodegradable waste from the canteen, a composting pit is constructed with a partition in the middle. The uncooked food waste such as vegetable and fruit peels are deposited in the compost pit everyday along with the dry leaves and a thin layer of soil and sprinkled with a little water every once a week. The campus has a lot of trees and plants and the compost produced is utilized as manure in the garden.

The plastic waste of the campus especially from the canteen is collected and sent for recycling. In addition to this, the NSS unit of the college has tied-up with the Bisleri International project "Bottles for change". The company sends their vehicle to pick up the plastic waste from time to time for recycling. The students and the faculty members are exhorted to bring the plastic waste even from their homes and be part of the recycling project.

### **Liquid Waste Management**

The management of liquid waste generated by SFIT is done in a systematic way. The liquid waste is categorized under two categories firstly: Sewage waste as well as canteen effluent waste and secondly: Laboratory waste. The Sewage waste as well as canteen effluent waste is collected in a subversive sewer system and is connected to the main septic tank on the campus. Liquid chemical waste generated from the chemistry laboratory and mechanical laboratory is diluted with the help of the water in the laboratory sink which is connected with the municipal sewer system.

### **E-waste and Hazardous waste management**

The E-waste collected in the campus is segregated and submitted to Mumbai Municipal Corporation (BMC) at their request. The students and faculty are encouraged to be part of this project by bringing e-waste especially used batteries which are hazardous. Each ward of the BMC makes arrangements to collect the E-waste and further sends it to the recycling plant. To create awareness among the students and faculty about the "3R" namely reduce, reuse and recycle, SFIT conducts environment-related lectures, seminars, workshops and site visits with the support of NGOs and BMC.

The students are also involved in the projects such as making paper bags, cloth bags, etc. to make SFIT a plastic free campus.

### **Motivating messages/ Instructions to students to encourage Energy Conservation**

The well-lit classrooms and the corridors facilitate limited usage of lighting. The students are made aware of the energy conservation and are encouraged to responsibly turn off the lights and fans before they leave the classrooms. The SFITians are informed about the water issues and use water consciously.



### **Landscaping**

SFIT is surrounded by greenery with various types of plants and trees, including fruit bearing trees. The trees on the campus are marked to make students aware and sensitise young minds towards the environment. There are benches provided to relax under the shade of these trees. There are also numerous plants adding beauty and colour to the campus. There is a beautiful view to the east of the campus with the Dahisar river, especially during the monsoon season. The campus gets visits from many birds adding to the serenity.

### **Green Audit**

The college gets its Green audit conducted and has been certified for the same.

These strategies are incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. The institution is committed to make necessary efforts to involve the students and staff in Green Campus Initiatives.



(Dr. Kevin Noronha)

Professor & IQAC Coordinator



(Dr. Sincy George)

Principal-SFIT & Chairman IQAC



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