



ST. ANDREW'S COLLEGE OF ARTS, SCIENCE AND COMMERCE

AFFILIATED TO UNIVERSITY OF MUMBAI

ST. DOMINIC ROAD ,BANDRA (W)

MUMBAI 400050

GREEN CAMPUS POLICY

VISION

The college recognizes that in pursuing its strategic objectives, in relation to research and teaching, it has a responsibility towards, and should aim to protect and nurture the environment.

By exercising proper control over all its activities the college will aim to ensure sustainable use of resources and prevent wasteful or damaging practices.

St. Andrew's College will aim to manage its operations in ways that are environmentally sustainable, economically feasible and socially responsible i.e. making the College a Green Campus where environmental friendly practices and education combine to promote sustainable and eco-friendly practices. The College is striving to develop on a self –sustainable basis in the areas of power, water and cleanliness. Therefore, this policy represents an important component of the College's broader sustainability strategy.

This document sets out the College's aims and objectives for safeguarding the environment, and details the organisation and arrangements for implementing and monitoring them.

AIMS AND OBJECTIVES

To promote sound environmental management policies and practices throughout the College.

To reduce and, where practicable, prevent pollution.

- To adopt targets for improving environmental performance.

- To ensure a sound understanding of current environmental performance.

WATER

- To make efficient and environmentally responsible use of water, including identifying opportunities for water reuse.

WASTE REDUCTION AND RECYCLING

- To set and achieve targets for reducing resource use.
- To increase the rate of recycling of all appropriate materials, based on life-cycle principles.
- To implement sustainable resource management practices, based on reduce, reuse and recycle principles.

AWARENESS AND TRAINING

- To communicate internally and externally the College's environmental objectives and performance.
- To raise awareness among the staff and students of the College's environmental impact, activities and performance and good practice.
- To provide appropriate environmental educational programmes for staff and students.
- To encourage and facilitate feedback and suggestions on ensuring good practice.

SPECIFIC MEASURES THAT COLLEGE CAN IMPLEMENT:

LIGHTING

- Most lighting on campus to be upgraded to high efficiency lighting (such as T5 fluorescent, LED technology, etc.) with electronic ballasts.
- Increased use of day lighting should be considered because use of daylight spaces decreases energy costs and may improve productivity.
- Lighting, wherever practical, should be controlled by our campus-wide energy management system (Siemens). Occupancy times, unoccupied period set-backs, and environmental parameters, as well as campus-related (and athletic) activities will be coordinated to ensure that the best possible use (or conservation) of resources is taking place.
- Install solar cells on the College rooftop.
- Reduce the brightness of computer screens.
- Turn PCs off or into stand-by mode when idle.

WATER USAGE

1. Water leaks, dripping faucets and fixtures that do not shut off should be reported.
2. Rain-water harvesting should be implemented.
3. Use automated flush valves (or 2-way flush valves), waterless urinals, and flow restrictors on faucets and showers should be used in restrooms
4. Install water saving devices in toilets and taps

REUSING OLD WATER BOTTLES

Reuse old water bottles or purchase water bottles that one can refill instead of discarding a new bottle after single use.

MINIMIZE USE OF PAPER

- Maximize use of paperless technology i.e. sharing of data /Lecture notes on e-mail etc.
- Take Notes Electronically
- Introduce double-sided printing to reduce paper waste

PURCHASING

- Energy efficient products shall be purchased whenever possible. For examples, see the U.S. Environmental Protection Agency Energy Star products list.
- Recyclable and reusable products should also be purchased when feasible to reduce disposal costs.

RECYCLING

- When economically feasible, recycling shall be expanded to include (or enhance existing programs) regarding such things as green waste (for composting), construction waste, and used office waste such as computers.

RECYCLING STATIONS IN-COLLEGE CAMPUS

- The first step toward green college campus is to make recycling as easy as possible. Every trash bin on campus will be paired with a recycling bin for students to toss plastic bottles, paper, glass, cans and cardboard into without having to sort it all out beforehand. Using this system, the College hopes to achieve substantial waste diversion rate.

E-WASTE RECYCLING

- College campuses are expected to have broken and outdated electronics hence collection bins for collecting e-waste on-campus will be put up at convenient places

COMPOSTING PROGRAM

Food waste piles up fast at College cafeteria. Composting is a “green” way to minimize the amount of food the College sends to the landfill.

- Tie ups with Recyclers who follow Green laws.

FOLLOW-UP :

Monitoring

- No energy conservation program will be successful if progress is not monitored on a continuing basis.
- Meter readings can be used to track utility consumption, and the data can be used to locate problem areas as well as determine if conservation goals are being met.
- The college currently has most of its campus buildings metered for electric consumption, shall be metered on a “per-building basis”
- We consider this an important initiative since this will enhance our ability to measure progress in our conservation/operational efforts.

Training

Training must be provided to ensure that both operations and service technicians have the skills and knowledge to effectively apply the technology used to achieve energy savings

Education

The staff and student cooperation and support of the energy policy are key to its success. An education program that provides information on utility costs, trends, and user impact on these costs

will enable the campus population to understand the need for this policy, and how it can positively impact them by freeing up money from utilities for educational purposes.

INFRASTRUCTURE ON CAMPUS :

1. Waste management
2. Friends of Earth Committee
3. E-waste Collection Drive

SUGGESTIONS:

1. To calculate the Carbon Footprint of the college.
2. Installation of Solar Panel
3. Paperless Office