



SARASWATI

COLLEGE OF PHARMACY

Mohali, Punjab

GREEN CAMPUS SUSTAINABILITY

MANUAL



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GREEN CAMPUS SUSTAINABILITY MANUAL

The Green Campus Sustainability Manual provides a structured framework to promote environmentally responsible practices within the campus. It aims to create awareness among students, faculty, and staff about sustainable living and encourage collective efforts to protect natural resources. The manual outlines policies and actions that help maintain a clean, energy-efficient, and eco-friendly campus environment.

1. OBJECTIVES OF THE GREEN CAMPUS INITIATIVE

The Green Campus initiative is designed to achieve the following objectives:

1. Promote Environmental Awareness:

To educate students and staff about environmental protection and sustainable practices.

2. Efficient Use of Resources:

To encourage responsible use of natural resources such as electricity, water, and paper.

3. Reduce Environmental Impact:

To minimize waste generation, pollution, and carbon footprint within the campus.

4. Encourage Sustainable Practices:

To promote eco-friendly habits such as waste segregation, plastic reduction, and energy conservation.

5. Create a Healthy Campus Environment:

To maintain a clean, green, and healthy atmosphere for academic and personal development.

2. ENERGY CONSERVATION

Energy conservation is an important component of campus sustainability. The institution encourages the efficient use of electricity and promotes energy-saving practices. The Energy

Conservation section of the Green Campus Sustainability Manual provides guidelines and strategies that help the institution monitor, manage, and reduce its energy usage. It aims to build a culture of sustainability within the campus community while supporting national and global environmental goals.

2.1 Use of Energy-Efficient Equipment

The campus promotes the installation of LED lights, energy-efficient fans, and electrical appliances that consume less power while providing effective performance. These measures help reduce overall electricity consumption.

2.2 Responsible Use of Electricity

Students, faculty, and staff are encouraged to develop the habit of switching off lights, fans, computers, and other electrical equipment when they are not in use. This simple practice helps prevent unnecessary energy wastage.

2.3 Awareness and Monitoring

Regular awareness programs and notices encourage the campus community to follow energy-saving practices and support responsible energy consumption.

3. WATER CONSERVATION

Water is a valuable natural resource, and its conservation is essential for sustainable development. The institution takes several steps to promote responsible water usage.

In a college environment, water conservation includes practices such as rainwater harvesting, regular maintenance of water supply systems to prevent leakages, installation of water-efficient fixtures, reuse of wastewater for gardening, and awareness programs for students and staff. Encouraging responsible habits like turning off taps properly and using water wisely also plays a significant role.

3.1 Maintenance and Leak Prevention

Regular inspection and timely repair of water leakages in taps, pipelines, and tanks help prevent water wastage.

3.2 Responsible Water Usage

Students and staff are encouraged to use water carefully and avoid unnecessary wastage in washrooms, laboratories, and other campus facilities.

3.3 Rainwater Harvesting

The institution promotes the adoption of rainwater harvesting systems, which help collect and store rainwater for future use and support groundwater recharge.

4. WASTE MANAGEMENT

Effective waste management is essential for maintaining cleanliness and protecting the environment. Waste management is a key component of a green campus sustainability framework. It refers to the systematic process of reducing, segregating, collecting, and safely disposing of waste generated within the campus. The main aim is to minimize environmental impact, conserve natural resources, and promote sustainable practices among students, faculty, and staff.

4.1 Waste Segregation

The campus follows waste segregation practices by placing separate bins for biodegradable and non-biodegradable waste. This ensures proper disposal.

4.2 Awareness Among Students

Students are regularly encouraged to follow proper waste disposal practices and maintain cleanliness within the campus premises.

5. PLASTIC-FREE CAMPUS

The institution aims to reduce the use of plastic and promote environmentally friendly alternatives. A plastic-free campus not only helps in reducing environmental pollution but also

promotes sustainable habits and environmental awareness among the campus community. By adopting responsible practices and encouraging alternatives to plastic, institutions can contribute to a cleaner, healthier, and more sustainable environment.

5.1 Reduction of Single-Use Plastics

The campus discourages the use of single-use plastic items such as plastic bags, cups, and bottles.

5.2 Promotion of Reusable Materials

Students and staff are encouraged to use cloth bags, steel bottles, reusable containers, and eco-friendly materials to reduce plastic waste.

5.3 Awareness Campaigns

Awareness activities and notices are conducted to educate the campus community about the harmful environmental effects of plastic pollution.

6. PAPERLESS COMMUNICATION

A green campus encourages the use of emails, digital notice boards, online learning platforms, mobile applications, and electronic documents instead of printed materials. Important announcements, circulars, and academic materials can be shared through institutional websites, learning management systems, and messaging platforms. This not only saves paper but also improves the speed, accessibility, and efficiency of communication. Reducing paper consumption is an important step toward sustainable campus management.

6.1 Digital Communication

The institution encourages the use of emails, digital notices, and online communication platforms to share information with students and staff.

6.2 Digital Documentation

Administrative and academic records are increasingly maintained in digital format, reducing the need for printed documents.

6.3 Sustainable Office Practices

Departments are encouraged to adopt paper-saving practices, such as printing only when necessary and using both sides of paper.

- The Green Campus Sustainability Manual serves as a guide for creating an environmentally responsible campus culture. By adopting sustainable practices such as energy conservation, water management, waste segregation, plastic reduction, and paperless communication. The Saraswati College of Pharmacy aims to build a greener and healthier environment. Active participation from students, faculty, and staff is essential to achieve the long-term goal of a sustainable and eco-friendly campus.