



Bharath Institute of Higher Education and Research

(Deemed to be University)

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OFFICE ORDER

WASTE MANAGEMENT AND ENVIRONMENT IMPROVEMENT MEASURES

Sree Balaji Institute of Science and Technology, Chrompet, has been implementing “The Green Campus, Energy and Environment Policy” to develop exciting new co-curricular and extracurricular practices that encourage students and staff to take the lead in creating positive change as per the requirements of the AICTE Approval Process Handbook. These initiatives call for a thorough review of all infrastructural and administrative functions from the standpoints of energy efficiency, sustainability, and the environment. The institution has created a policy document for its practice.

Scope of the Policy

The Green Campus and Environment Policy will develop exciting new co-curricular and extracurricular practices that encourage students and staff to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural and administrative functions from the standpoints of energy efficiency, sustainability, and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Smoking-free campus
- Infrastructure

- Waste Management processes
- Awareness Initiatives
- Environment-centric Student Societies and Department Activities
- Green Audit
- Energy Audit
- Plastic-Free Campus

Objectives of the Policy

- To protect and conserve ecological systems and resources within the campus.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve our contribution to climate protection and adaptation to climate change, and to the conservation of global resources.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, by recovering and recycling waste where possible.
- To make the campus plastic-free.
- To conduct environmental and energy audits from time to time.
- To minimize the use of paper in administration through having a policy for E-governance.

Policy

Clean Campus Initiatives

The institution had pledged to actively coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. It commits to continue with this Programme. The broad vision is as follows:

- Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.
- Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS and Green Warrior volunteers of the college.
- Staff Members will be encouraged to participate in the cleanliness drive on the college campus. Remove all kinds of waste material like broken furniture, unusable equipment, etc.
- Administer the pledge by students and staff members to maintain the cleanliness of the college campus and its surrounding areas on an annual basis.
- Conduct workshops on the 3Rs: Reduce, reusing and recycle waste.
- Commit to managing waste and maintain clean campus, especially during college events.

Landscaping Initiatives

It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation, and aesthetic appreciation. Green campus landscapes also manage runoff, help recharge groundwater, and clean and cool the air on campus. The landscape serves as a visual representation of the campus community's commitment to sustainability. As campus landscapes are so visible and accessible, landscaping initiatives are a great way to build awareness around the environment.

There are trees and shrubs on campus, along with grass cover. The landscape of trees and plants provides students and staff with clean and cool air and is a soothing environment. The institution commits to enriching this healthy habitat and maintaining the symbiotic relationship of the institution with nature by

- Organizing annual tree plantation drives
- Encouraging student clubs to hold tree planting events

Clean Air Initiatives

We encourage our students and staff to use public transportation. Our campus is also located in the urban part of Chennai. For this reason, we feel responsible for maintaining our green cover. The abundant natural landscape cleans the air on campus.

Energy Saving and Energy Efficient Equipment

We commit to installing environmentally friendly electrical appliances that save energy and reduce wasteful inefficiencies. The institution believes in using cleaner energy, such as LED lighting.

Water Conservation through Rainwater Harvesting System:

The institution has committed to replenishing the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

Waste Management Processes

The institution strives to have minimal impact on the environment and is dedicated to reducing and managing the waste generated on its campus. The following specific procedures are being undertaken to ensure the institution's contribution in protecting the environment. Solid Waste Management: With its aim to provide holistic education that also has a positive impact on the environment, the college will adopt practices that will mitigate the generation and manage solid waste through the following methods: Systematically engage with the 3Rs of environmental friendliness (Reduce, Reuse, and Recycle).

- Collect paper waste produced on campus and collaborate with scrap dealers for recycling.
- Reduce solid waste by developing a technology-centric teaching and administrative model.
- Reduce the use of paper by supporting the digitization of attendance and internal assessment records.
- Reduce the requirement of printed books by updating the e-books and e-journals collection of the college library.
- Food wastage and ways of minimizing it by the usage of packaged food

- The habit of reusing and recycling non-biodegradable products

Liquid Waste Management

- Maintain leak-proof water fixtures.
- Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush, etc.
- Reuse of wastewater generated by the Reverse Osmosis (RO) system in washrooms.

E-Waste Management

The institution ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to strive towards:

- More provisions for the disposal of institutional e-waste.
- Awareness amongst students about the reduction of e-waste and environmentally friendly disposal practices for e-waste.
- Encouraging department and society-level activities about e-waste management.

Green Audit

The college aims to regularly conduct a Green Audit of our college campus to assess our strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where most energy, water, or resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Recycling projects or waste minimization plans can be adopted. It will create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of eco-friendly practices on campus. Green auditing will promote financial savings through the reduction of resource use. The college must evaluate its own contributions toward a sustainable future.



Energy Audit

An energy audit is being conducted as and when required to further reduce its carbon footprint. The importance of reducing energy consumption cannot be overstated. The energy audit, with its specialized tools, will identify wastage of energy. Such an inspection often reveals several different flaws that cause a loss of significant amounts of energy that the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.

Plastic-Free Campus

The institution has been observing most of its duties in terms of solid waste management since its inception. In view of the Government of India's resolution to ban all single-use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single-use plastics on its premises to make it a 'Plastic Free Campus'.

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