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Policy document on the green campus/plastic free campus.

A Green campus is a place where environmentally friendly practices and education combine to promote sustainable and eco-friendly practices on the campus and beyond the campus. In a green campus, every effort is made to maintain an environmentally sustainable and ecofriendly environment. An institution can take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to the environmental, social and economic needs of mankind through the green campus concept.

The Green Campus Policy aims to create a Clean and Green Campus where eco-friendly activities and instruction work together to encourage sustainable practices both on and off campus. Additionally, it gives a chance to redefine its environmental culture by encouraging staff and students to practise environmental ethics. Sree Narayana College, Kannur has framed its Green Campus Policy in response to the necessity of protecting the environment for a

sustainable, pollution-free, and healthy life in the coming years. The college is keen and dedicated in its pursuit of a clean, green and healthy environment. Strict guidelines are provided to the students to keep the campus green and clean. In order to follow this policy strictly, the college organizes various activities within and outside the campus in order to foster a sense of environmental awareness among the students and society in general.

Objectives

- To protect and preserve ecological systems and natural resources within the campus.
- To foster a sense of environmental awareness among the students and the staff to minimize the use of polluting products and use more environmentally friendly products and services.



- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To raise public awareness of environmental issues through the planning of events, clean-up campaigns, rallies, seminars, tree planting drives etc.
- Effective use of conventional energy sources for meeting everyday energy needs, proper management and disposal of various kinds of waste.
- To make the campus plastic free.
- To conduct college energy and green audits from time to time.
- To help the students and faculty understand everyone's responsibility and to take an initiative to save the environment.
- To minimize the use of paper in administration through E-governance policy.

Initiatives to Implement the Green/Plastic free campus

The following infrastructure has been established, and the following actions are being carried out, as part of the Institution's commitment to managing its campus in compliance with the Clean and Green Campus Policy:

1. Landscaping with Trees and Plants:

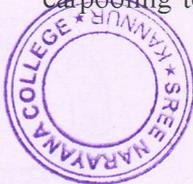
In accordance with the Clean and Green Policy of the Sree Narayana College, Kannur, the college works to grow a wide variety of attractive ornamental plant species and medicinal trees both inside and outside the campus. The College organise tree planting drives, which are regularly undertaken by NSS Unit.

2. Plastic Free campus:

Single-use plastics are totally prohibited in all areas of Sree Narayana College, Kannur including the canteen, classrooms and the laboratories. The college provides ecofriendly alternatives such as stainless steel washable and reusable tumblers, and the canteen is required to serve food only on glass, or stainless-steel plates. The use of single-use plastic is completely prohibited in college campus and in all significant college meetings and events organized according to college administration policy.

3. Clean Air Initiatives:

We encourage our students and staff to use public transportation. We encourage carpooling to college, an activity that will control air pollution and strengthen social



interaction. The entry of automobiles inside the campus is restricted to discourage the use of private vehicles. In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008, the college prohibits smoking and the use of other tobacco products.

4. Installation of energy-efficient equipment and alternative energy sources: The

college installed a solar energy plant on the roof of its main building. The college is committed to installing energy-saving and environment friendly electrical appliances.

In order to reduce energy usage, most tube lights and lamps in classrooms,

Laboratories and passages have been replaced with compact fluorescent bulbs or LED bulbs. Boards

are displayed everywhere to switch off the light's seminar hall, classrooms, and laboratories when not in use.

5. Rainwater Harvesting for water conservation:

Through rainwater harvesting, the college makes sure that rainwater is conserved.

Rainwater from the roof top outlets is transported via pipelines attached to the big water harvesting tanks with one lakh litre capacity. In addition to this, the overflowing rainwater from these tanks is carried to the soak pit for ground water recharge.

6. Biogas:

A Biogas Plant has been installed near to college canteen. It has a capacity of 2000 Ltr. and can produce Methane gas equivalent to 500 gms equivalent of LPG per day. The raw material used for the plant is the waste food from the canteen. This gas is not explosive as that of LPG, so it is very safe to use. There is no threat of leakage or storage of gas.

7. e-Governance Initiatives:

The college has a policy to minimize the use of paper in all types of official/academic communication of the college through E-Communication. The use of paper is substantially reduced through digitization. One-side blank pages are used to avoid wastage of paper. All the college staff have been provided the college E-mail IDs and through which they make all the required official and college-related communication.

What's app - Class-wise groups, Department wise groups, Committee wise groups have been formed which have reduced the usage of paper in notices and circulars. This



practice has proved highly beneficial to save money, boost productivity, save space, make documentation and information sharing easier, and help the environment.

8. Waste Management Processes:

The college strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated by the college campus. The following specific procedures will be undertaken to ensure the college's contribution in protecting the environment.

○ Solid Waste Management

The Solid waste generated in the campus is segregated as biodegradable and non-degradable and the non-degradable wastes are handed over to the Kannur Municipal Corporation. All the biodegradable wastes are disposed in the aerobic composting bins which is setup under the Thumboormuzhi model garbage treatment system. All the Departments, laboratories, and Classrooms are provided with dustbins for dry wastage disposal. Segregation of the waste into biodegradable and non-degradable is done through the separately allotted dustbins at strategic locations in the college.

○ Liquid Waste Management:

- Continuous monitoring to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.
- Maintain leak proof water fixtures.
- Minimize the use of water by constructing more Indian style toilets instead of western style toilets.
- By treating wastewater generated in washrooms through Sewage Treatment Plant (STP).

○ Hazardous Chemical Waste Management:

The college have planned to minimize the use of hazardous chemicals related experiments. Even though during the synthesis if some hazardous chemicals may be form, diluted chemicals are diluted before discarding in wash basin. The basin is Marked for the disposal hazardous chemical waste and all the chemical waste is collected in a separate tank set up outside the laboratory.



○ **E-Waste Management:**

College 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:

- Awareness amongst students about reduction of e-waste and making provisions for environment friendly disposal.
- E-waste is given to external agencies for recycling purposes.

9. Environment Centric Awareness Activities:

College encourages awareness programs, plantation program, Cleanliness drive in and beyond the campus, Celebration of various environmental days.

10. Display boards to Encourage Environmental Awareness in College Campus:

Numerous boards have quotes that support environmental ethics and awareness, such as reducing air pollution, eliminating plastic on campus, conserving energy, recycling resources, and planting trees, displays about nature conservation, plantations and other topics are available to all college stakeholders.

11. 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 or 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 ecofriendly practices on campus. Green auditing will promote financial savings through reduction of resource use. It is imperative that the college evaluate its own contributions toward a sustainable future.

12. Energy Audit:

An Energy Audit to be 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 which cause a loss of significant



13. Clean Campus Drive:

The college actively encourages staff and students to maintain a clean and green campus in compliance with Swachh Bharat Abhiyan. The college administration takes the lead on the clean and green campus initiative by ensuring that resources, personnel, and waste handling methods are properly distributed throughout the year. The initiatives under this include:

- Raising staff and student awareness of hygiene and cleanliness through cleanliness initiatives and awareness campaigns.
- Conserving and tending to the variety of flora and trees that are a part of the college campus a healthy source of oxygen that contributes to the institute's vegetation.
- A crucial element of all the community activity that NSS undertakes is the planning of demonstrations, plays, and awareness campaigns on subjects linked to the "Swachh Bharat Abhiyan".
- Make a commitment to trash management and upkeep of a tidy campus, particularly during college events.



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