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ISO 9001:2015 CERTIFIED INSTITUTION

Affiliated to Krishna University, Machilipatnam
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O.C. No.:

Date :

POLICY DOCUMENT ON GREEN CAMPUS

"Health is wealth, clean and green nature provides healthy environment."

KVSR Siddhartha College of Pharmaceutical sciences realizes the importance of biodiversity as an important resource. Much of our modern medicine is based on combinations of biologically diverse substances isolated from various plants. Without those plants, and the great variety of insects that pollinate and cross-pollinate them, humans would be much more vulnerable to diseases. The rich biodiversity has been instrumental in providing humanity with food security, health care and industrial goods that has led to high standard of living in the modern world. Ironically it has also produced the modern consumerist society which is adversely affecting the diversity of biological resources upon which it is based. The college maintains a green campus and encourages the students and staff to support environment friendly practices, which increases the quality of life.

Objectives

- To aware students and staff to real concerns of environment issues and the need to address them.
- To encourage the students to maintain a clean and green environment in the campus.
- To initiate proper energy conservation measures by understanding the energy requirements of the college.

Green Campus Initiatives are as follows:

• Energy Consumption

To manage the energy and to avoid future energy crisis, it is important to conserve energy which means decreasing consumption of energy. Using high efficiency equipments and changing our energy wasting habits can effectively reduce the consumption of energy.

- a) Turn off the power devices when not in use.
- b) Use of LED bulbs/ power efficient equipment

- **Conservation of Natural Resources**

As per the green practices in the campus, the students and staff of KVSRSOCPS are moving in the direction of a Green Institution by planting more trees within and outside the campus. Medicinal plants, fruit plants and trees have been planted to clean the atmosphere and preserve it.

Preservation of Water resources:

Preservation is crucial for the sustainability of ecosystems, communities, and economies. As a finite and essential resource, water plays a fundamental role in meeting human needs, supporting agriculture, industry, and energy production, maintaining biodiversity, and ensuring ecological balance. However, the increasing demand for water, coupled with climate change and pollution, poses significant threats to its availability and quality. By prioritizing water resource preservation, we can safeguard ecosystems, mitigate water scarcity, protect human health, and promote long-term socio-economic stability. KVSRSOCPS practices responsible irrigation measures i.e., Watering the plants and gardens during cooler times of the day, such as early morning or late evening, to minimize evaporation and thereby helps in water conservation. In our campus a rain water harvesting system collects the runoff from the terrace of the college building and is channelized into the pits located at different places of the campus, which facilitates groundwater recharge.

- **Restricted entry of vehicles**

Visitors vehicles and private vehicles are restricted to enter the campus. The college encourages the employees and students to frequently use public transport, bicycles, battery powered vehicles etc., to limit the emissions.

- **Pedestrian-Friendly Pathways:**

Campus has space for parking vehicles of staff and students. Pedestrians can walk safely inside the campus.

- **NO Vehicle Day:**

Every Tuesday is a no vehicle day, where we follow a strict restriction on entry of vehicles into the campus.

- **Awareness on limiting the use of plastic:**

The college is continuously committed to create awareness on plastic-free campus by conducting Guest lectures, Outreach programs etc.

- **Landscaping with trees and plants:**

In our campus we have a variety of plants, including flowering trees, evergreens, shrubs, perennials, and groundcovers, to add greenery throughout the year. A gardener is employed for maintaining the health and longevity of the landscape, provides proper watering, fertilization, and pruning according to the specific needs of each plant, remove weeds, monitor for pests or diseases, and ensure adequate sunlight for optimal growth. KVSRSOPS is moving in the direction of planting and maintaining more number of trees within the campus.

- **Waste Management**

The institution carefully monitors effective management of solid waste in the campus, making sure that bins are provided separately for dry and wet waste at every corner of the corridor and at wash rooms. Empty Chemical bottles, reagent containers are disposed on a regular basis. The institution channelizes waste water from all the laboratories to underground channels for disposal. Old computer monitors and CPU's are repaired and reused in most of the cases. E-waste is collected by "EESHAN ENERGY" who undertake recycling activities.. Remaining wastes are disposed of through Municipal agency.




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