

# **GREEN POLICY DOCUMENT**



**KUMBALATHU SANKUPILLAI MEMORIAL DEVASWOM BOARD  
COLLEGE**

**SASTHAMCOTTA, KERALA-690521**

**[www.ksmdbc.ac.in](http://www.ksmdbc.ac.in)**

# **GREEN CAMPUS POLICY**

## **INTRODUCTION**

Kumbalathu Sankupillai Memorial Devawom Board College, Sasthamcotta is situated in a rural area with large lush greenery. Sasthamcotta Lake surrounds the campus and the whole view is very attractive and is appreciated by the people who visit the campus. Sustainable initiatives have been undertaken by the college authorities. A human-environment co-existence model is aimed at promoting society's welfare through environmental protection. Green campus initiatives are built into the institutional planning to improve the institution. The college has instituted the Green Policy as below.

Objectives:

- To impart understanding about the importance of environment in students and stakeholders and to take environment friendly initiatives to protect environment.
- To raise awareness among the local community to adopt environmental good practice and to reduce adverse effects on environment.
- To raise awareness on the judicious use of resources to attain sustainability.
- To integrate environmental concerns into policies and chart out plans and programmes for extension and outreach activities.
- To improve our contribution to climate protection and adaptation to climate change and conservation of global resources.

## **STATEMENT OF THE POLICY**

The College, being situated in a rural area, has a big role to contribute to the society in the path of attaining sustainability. It is also one of the leading centres for higher education in the district. The Green Policy of the College focuses on environmental sustenance, energy conservation, waste management, water usage and environmental education. The policies will be incorporated in the extracurricular practices that will encourage the students to take a lead in creating positive change.

## **IMPLEMENTATION OF THE POLICY**

Green Campus initiative in the College begins from the top level and emanate throughout the rest of the campus.

## **ENERGY CONSERVATION**

Sustainable energy initiatives are undertaken to make use of energy sources relevant to anthropogenic use and caters to the well-being of human beings and other species. Seminars are conducted on the conservation of energy. Solar lights and sensor taps are installed. There is an extensive use of LED bulbs in the campus.

## **WASTE MANAGEMENT**

The College has been making very distinctive contributions in the field of environment and sustainability to create an environment-friendly and sustainable world, devoid of waste and exploitation of nature. The waste management policy of the College

ensures responsible production of waste, waste segregation, storage, handling, transport and disposal. It follows the five “R” principle of reduce, reuse, recycle, refuse and regenerate.

## **SOLID WASTE MANAGEMENT**

The Green Protocol of the college emphasizes reduction and prevention of waste at its source. A number of unique initiatives have been implemented to promote reduction of plastic waste on campus. Replacement of single use disposable plastic, promotion of steel utensils, promotion of cloth college bags, avoidance of plastic flex boards, are some of the plastic waste reduction methods. Separate bins are kept for the collection of different types of waste. Waste pits are established in the campus for disposal of biodegradable wastes generated through garden trimming and vegetable wastes from the canteen. Biogas plant is installed in the campus for solid waste disposal.

## **LIQUID WASTE MANAGEMENT**

Wastewater passes through drains and gets absorbed into the earth midway through the college ground. Canteen wastewater is managed through sedimentation pits which are cleared periodically and the rest of the water passes into the traditional drain. Rain pits are identified and preserved for the collection of groundwater.

## **E WASTE MANAGEMENT**

The college authorities ensure periodic maintenance of computers and other electronic equipment to minimize e-waste generation. The College initiates MoU with local body to collect e-waste for recycling on a regular basis.

## **PLASTIC WASTE MANAGEMENT**

Use of plastic is discouraged and the campus is declared as “Plastic Litter-free Zone”. A Green Army is to be constituted to supervise and assist in creating the campus a plastic litter free zone. Separate bins are kept for the collection of plastic waste by MNC.

## **WATER SUSTAINABILITY**

Water sustainability ensures enough water supply to meet multiple needs. Measures are adopted to conserve water for future use. Two bore wells are present in the campus which ensures unlimited water supply. Rain pits are located at various places in the campus. These recharge pits allow the rainwater to replenish ground water which helps water infiltration in the area. Water bodies are also maintained inside the campus.

## **GREEN CAMPUS INITIATIVES**

Public transportation is availed by most of the students. The students who come to college on their own mainly use bicycles. Automobile entry is restricted in the college and the only vehicles permitted are the private vehicles of the staff members. The staff

members are taking initiative to buy battery-powered vehicles to reduce the effect of pollution and also to develop an eco-friendly attitude.

### **GREEN AUDIT**

The College conducts Green Audit on a regular basis which is a useful tool to determine how and where most energy or water resources are being used. It provides a better understanding of the impact of eco-friendly practices in the campus.

### **ENERGY AUDIT**

The College conducts Green Audit on a regular basis to reduce the carbon footprint. The audit will identify the wastage of energy, if any and suggests affordable solutions and provide significant savings.

### **ENVIRONMENT AUDIT**

Environment Audit is conducted on a regular basis to analyze environmental practices within the campus, which will have an impact on the eco-friendly ambience. Green audit will provide the information on the betterment practices to be adopted in the campus for Carbon sequestration, energy conservation and sustainable development.

### **REDUCE PAPER USE IN CAMPUS**

The college has succeeded in reducing the paper consumption by resorting to the use of e-mails, social media platforms like whatsapp etc. The teachers share notes and study materials in the form of soft copies and students submit assignments and reports in Moodle platform / Google Classroom or by email.

### **LANDSCAPING WITH TREES AND PLANTS**

The entire college strictly reduces the use of plastics in the class room. Planting trees and rare medicinal plants are initiated in the campus. The students are encouraged to participate in the organic farming practiced in the campus. Gardens of Star Plants (Nakshathra Vanam) and Butterfly Garden are also kept in the garden. Ex situ Conservation of Ferns is also initiated in the campus.

### **BIODIVERSITY CONSERVATION**

Sasthamcotta Lake Conservation is part of our Biodiversity Action Plan. Biodiversity register is kept in the Department of Botany documenting the entire flora present in the campus. Publication of articles and books related to biodiversity issues mainly focused on conservation of Sasthamcotta lake is encouraged among student and staff members. Students participation in floristic study at the college level is essential for the longevity and expansion of Biodiversity, Botany, Plant Ecology and many other associate fields in Life Science and Environmental Studies.

## **ORGANIC FARMING IN THE CAMPUS**

Organic farming is practiced in the College in consultation with the agriculture department and Dairy Development Board at Sasthamcotta and is executed with the help of Grama Panchayathu-Sasthamcotta. The main aim is to motivate the student community to agriculture and to follow a sustainable green living. This venture also imparts 'Environmental Awareness' to students and others through Agriculture. By extending the knowledge on Agriculture to the Society in the suburbs of the College, the society is guided towards self-sufficiency in food production. The produce from organic farming is exhibited to create an awareness on sustainable agriculture ecosystem in the students, staff members and society.

## **POLICY COMMUNICATION AND REVIEW**

The Green Policy should be communicated to administrators, teachers, non-teaching staff and students of Kumbalathu Sankupillai Memorial Devaswom Board College. It is also made available to the public through the College website. There is also a periodical review of the Policy by the stakeholders.

## **CONCLUSION**

A long-term commitment is required for the successful implementation of Green Initiatives. The students should be initiated to engage in such initiatives to create a positive change in their surroundings which will contribute to the development of an eco-friendly, sustainable world.