

**Government of Karnataka  
Department of Collegiate Education  
DR.P.DAYANANDA PAI-P.SATISHA P GOVERNMENT FIRST GRADE COLLEGE,  
CAR STREET, MANGALURU**

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**POLICY DOCUMENT ON FACILITIES AND INITIATIVES**

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**DR.P.DAYANANDA PAI-P.SATISHA PAI GOVT. FIRST GRADE COLLEGE**

**POLICY DOCUMENT ON FACILITIES AND INITIATIVES**

The aim of DDPSPGFGC, Mangalore Car street is to provide best facilities to create a conducive study environment and follow, practice and generate the awareness about the importance of environmental conservation among students and community at large. It sheds light on how a small initiative can help to protect the environment, which is directly linked to human health. It also aims to raise awareness about how the environment can be restored through the application of science and conscious, sustainable, natural practices.

**ALTERNATE SOURCE OF ENERGY AND ENERGY CONSERVATION MEASURES:**

The college is instrumental in providing uninterrupted power supply by installing various sources of alternate energy during the power failure. UPS batteries are charged using solar energy. Generator facility is also installed. Besides these, college values the importance of saving energy. Less electricity helps preserve ecosystems from being disrupted and damaged. The Civil engineering has focused much on the supply of natural light to all class rooms, library, auditorium and rest of the college building. Thus, Day lighting has minimized the amount of artificial light and reduced the need for electricity usage. Considering this positive aspect, college authorities have framed the following guidelines to minimize the power consumption.

- Day lighting must be effectively utilized in class rooms, library, staff rooms and auditorium.
- Fixtures and Use of LED or compact fluorescents bulbs.
- Usage and activating “sleep mode” in computers and laptops consciously.
- Effective usage of solar energy and lighting system. The solar energy shall be used as one of the alternate source of electricity. Solar power shall be stored in battery and used for regular use. This source of energy is also to be used as night guard light.
- Generating awareness among students and community to utilize the public transportation facility and cycling.

## **MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE**

Waste management or waste disposal includes the processes and actions required to manage waste from inception to its final disposal. The college authorities have focused much on preventing waste being created or source reduction. Thus, college administration has framed the following guidelines for Waste Management.

- Effective use of E-communication within office and with external agencies. This should reduce the paper being used at source level.
- Keep a stack of paper that has been printed one side and use the other side for office level communication.
- Encourage students to utilize the E-contents developed by expert faculty members and maintained in Learning Management Portal- 'Karnataka LMS'. This will encourage students for E-learning without getting the printouts and reduce paper waste being created.
- Judiciously placing the waste bins in the campus, so that users make the fullest use of such waste bins.
- Effectively placing wet and dry waste bins and encourage, educate the users to use it consciously.
- Wet waste collected must be processed under Hermi-compost units installed in the campus for bio-degradation of wet waste.
- Dry waste shall be given to area waste disposal vans of City Corporation, Mangalore.
- Electronic gadgets must be recycled and used at optimum level before procuring new gadgets or devices. This is to ensure minimum waste production.
- Training and awareness programme must be conducted at college to students and other users on Waste Management.

## **WATER CONSERVATION**

Water is the most vital element for the preservation of life. Water is a finite commodity which, if not managed properly, will result in shortage in the near future. Conserving water can go a long way to help alleviate these impending shortages. Thus to preserve water, college authorities has framed the following guidelines.

- Conserve rain water effectively using well and pond.
- Providing sufficient number of water taps for hand washing, dishwashing purpose for the use of midday meal programme and at other necessary place to stop the wastage of water.
- Reuse of hand washed and dish washed water for gardening and water harvesting.
- An officer is assigned to look after the maintenance and repair works of college including maintenance of water appliances to stop wastage of water.
- Fixtures of appliances which reduces the usage of water.
- Use of efficient and hygienic water storage mechanism to reduce wastage of water.

## **GREEN CAMPUS INITIATIVES**

“Go Green” Campaign aims to pursue knowledge and practices that can lead to more environmental friendly and ecologically responsible decisions and lifestyles, which can help protect the environment and sustain its natural resources for current and future generations.

## **GARDENING**

Natural aesthetic beauty is soothing to people, and keeping ornamental flowers around the environment is an excellent way to lower levels of stress and anxiety. College, in its available space has created a small botanical flower garden and also planted more than 30 Fruit bearing Tree. Garden has enhanced the interior beauty of the college. Fruit bearing plants are budding. It has also brought joy to the minds of plant lovers. The authorities have framed few guidelines to maintain the garden.

- Regular control of weeds with the help of students' volunteers.
- Maintaining soil moisture level with proper watering technique with the help of students' volunteers and with support staff.
- Deadheading as and when need arises and also treat the soil regularly to maintain the plant.

### **LIMITING THE USE OF PLASTIC**

Plastic waste is becoming a widely recognized problem. Plastic pollution can alter habitats and natural processes, reducing ecosystems' ability to adapt to climate change, directly affecting millions of people's livelihoods. The majority of plastic waste does not get reused or recycled as the most of the plastic used are single-use, meaning it is used once before being discarded. The recyclable plastic not only requires large amounts of energy but also uses large quantities of water. Thus, to help ourselves college administration has prepared the following policy guidelines.


- Restraining on the usage of single use plastic packaged water.
- Generate awareness on the evil effects of plastic among students and other stakeholders of college.
- Generating awareness on alternate and supplement to the plastic being currently used.
- Segregating plastic as dry waste and promptly disposing them by giving it to the area waste disposal vans of City Corporation, Mangalore for further process.

### **Tobacco ban policy**

College strictly prohibits the usage of tobacco items inside the college campus.

### **DISABLED FRIENDLY BARRIER FREE ENVIROMENT**

**Disabled friendly- barrier free access** has been created in the college to uplift the dignity of the persons with disability. Both the buildings of the college have ramp facility in the college. In addition to this wheel chair facility is available in the college. Provision for elevator facility has been created.

  
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