



# **PUSHPAGIRI COLLEGE OF PHARMACY**

**Medicity Campus, Perumthuruthy PO  
Thiruvalla**

*Accredited with A grade by NAAC and affiliated to  
Kerala University of Health Sciences (KUHS)*

## **Policy Document on Environment & Energy usage**



## Introduction

Environment and Energy usage Policy of Pushpagiri College of Pharmacy aims to manage energy and to minimize the impact on the environment. The policy implies to explore the renewable energy resources, to reduce the burden of the government and to find out substitute natural resources as solutions to the energy crisis. This environment and energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. It will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage. The Nature Club, is an official platform devoted to the cause of environmental awareness, to undertake green initiatives, and to conduct green literacy programmes to save energy and to protect the environment.

### College environmental aims and objectives

- To sensitize students towards a Clean, Green, and Sustainable Environment.
- To ensure that the products purchased by the Institute for use in the campus are environment friendly and use less energy to reduce effect on the environment.
- To optimize the use of water and energy.
- To use LED/CFL bulbs and other energy-saving devices on the campus.
- Proper handling of solid waste from the campus.
- Encourage the use of public transport for minimizing fuel consumption.
- Smoke-free and tobacco-free campus.
- To restrict single-use plastics.



To achieve the objectives, the college has already implemented its environmental policy in the following areas:

### **Energy Saving**

The staff members and students lead initiatives to save significant electricity and have developed a policy for reducing electricity consumption by using LED and replacing the old tube lights with LEDs. The students commuting from far-off places use the public transport system as the bus pass facility at subsidized rates is extended to them by the college which is provided by state Govt. Many of the staff members use two-wheelers. All the computer monitors have been replaced with LED/LCDs displays. Replacement of old appliances like lights, fans with energy-efficient appliances is underway.

### **Smoke-Free and Tobacco-Free Campus**

College has taken suitable steps for a Smoke-free and Tobacco-free campus. Awareness campaigns on World Anti-tobacco day are in place.

### **Say No to Plastics**

Minimum or no use of plastics is practiced by students, staff, faculty, and visitors on the campus. The waste collection bins are kept in appropriate places and managed accordingly.

### **Solid and Liquid Waste Management**

The college has a sprawling green campus and gives top priority to keep the campus clean and eco-friendly. The faculties and students are regularly advised to reduce waste at lower extent. Initiated various programs to reduce the usage of plastics in the campus College has taken initiatives for implementing a composting plant inside the campus for converting the organic and gardening wastes to produce good quality manure for in-house gardening. However, the initiatives got delayed due to pandemic situation. The solid waste at the canteen and hostel is segregated at source using green and blue dustbins. Collection and pickup of waste is done by housekeeping staff. Town council collects the solid wastes for further disposals. Waste is collected daily and processed as per the nature of the waste. Single sided used papers are reused for writing and printing in all departments. Old newspapers,



old answer papers and raw paper material is sold out. Metal, wood, glass and plastic scrap collected from laboratories, library, office and college campus is given to scrap dealer for recycling.

Well-constructed drainage systems leading to the collection tanks, the tanks are regularly cleaned to avoid stagnation of water.

### **Biomedical waste Management**

This category of waste includes waste sharps (lancets etc.) and soiled waste (cotton contaminated with blood). Biomedical waste generated in the pharmacology laboratory is collected carefully and send to Pushpagiri medical college hospital for waste management as per the provisions of the Biomedical Waste (Management and Handling) Rules.

### **E-Waste Management**

The minimization of e-waste is given high priority. Technical staffs regularly maintain the electronic devices. There is a common practice of reutilization of electronic devices after repair or correction to reduce the e-waste production. E-waste is generated in minimal amount in the college and the same is given to registered vendors, with an undertaking that the same will be processed or recycled in an environmentally sound manner as per the Government of India guidelines. The cartridges of laser printers are reused through refilling by the vendors from outside the college campus.

### **Water recycling system**

Wastewater from laboratories, hostel mess is treated appropriately to prevent environmental pollution while conserving the natural resource. There is natural pond in our campus, this is used plants and for any emergency during accidental firing

### **Hazardous chemicals and radioactive waste**

Live (hazardous) waste is discarded after autoclaving (killing the microbes before discarding); radioactive waste is not generated in the college.



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