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SACRED  
HEART  
COLLEGE



*Heartian*

**WASTE MANAGEMENT  
POLICY**

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**SACRED HEART COLLEGE  
(AUTONOMOUS)THEVARA  
KOCHI - 682013**



*Heartian*

# Waste Management Policy

**Sacred Heart College**

**(Autonomous)**

**Thevara, kochi 682 013**

2017

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## Introduction

As Sacred Heart College has been making very distinctive contributions in the field of environment and sustainability, it shall pay considerable attention to minimize the production of waste on the campus. This policy envisages to guarantying the moral, social and legal responsibilities of the College in creating an environment-friendly and sustainable world devoid of waste and exploitation of nature. This policy is a guidance document to the faculty, staff and students to behave responsibly in the production of waste, waste segregation, storage, handling, transport and disposal.

## The Policy vision

The policy envisions a community which is acutely conscious of the anthropogenic condition of the world and therefore strives to create an ecologically healthy, prospering and resource efficient community, where waste is considerably reduced, recycled, reused and disposed of using an environment friendly safe method.

## Policy objectives

- Create consciousness among faculty and students about the ways in which waste is generated and the means by which they can reduce waste generation and manage the waste they produce.
- Orienting them to adopt appropriate technologies for processing and managing solid, liquid and e-waste.
- Give appropriate training to segregate hazardous and non-hazardous waste and dispose of them using appropriate method without creating further environmental pollution.
- Follow the five “R” principle of reduce, reuse, recycle, refuse and regenerate
- Maintain the campus plastic free

### **Solid waste management:**

Students shall be instructed to avoid generating waste. Solid waste shall be isolated and deposited in the YELLOW bins dedicated for the purpose on all floors. Food waste shall be used to feed to poultry on the campus, if more in quantity, be supplied to piggery. The ongoing project by Zoology department shall focus on training in bio-waste management using VERMICOMPOSTING technology. A biogas plant is installed to manage bio-waste from canteen and the generated gas is used in the canteen. There shall have separate bins for degradable and non-degradable items in each class room; red painted for plastic and related stuff, and green ones for paper. Waste from various rooms shall be collected in the waste segregation centre and scrutinized for segregation. The segregated waste can be sold to the MoU signed agency for recycling. Waste paper shall be used for the startup venture of PAPER PENS (PERPEN). Precaution shall be taken not to bring disposables such as PET bottles, Thermocol, paper plates or cups to the campus. Steel glasses and plates stored by the SDO and the NSS units shall be used during camps. An incinerator shall be installed in the campus to burn garbage.

### **Liquid waste management:**

Liquid waste generated in the wash areas (bath rooms, toilets), labs, canteen and snack area (Foodies' Corner) shall be passed through drains to absorb into the earth midway through the college ground. Canteen wastewater shall be managed through sedimentation pits which are cleared periodically of the waste and the rest of the water shall pass into the traditional drain.

### **E-waste management:**

The agreement between M/s Aspire Greens and the college shall take care of the safe disposal of e-waste. The following items are identified by the agency as e-waste and agency shall dispose of this waste safely.

Camera	CPU	CRT Monitor
Hard Disk	Mother Board	LCD Monitor
Mobile	Mouse	N Computing Terminals
Network Rack	Network Switches	Photo Copier
Printer	Scanner	SMPS
UPS	Cable Box	Fax Machines

Laptops	Server computer	Pump
PCBs	Inverters	Bio Medical Equipment
Refrigerator	Compressor	Lead Acid Batteries
Copper Cables	Electrical Switches	Miscellaneous E Waste

### Waste recycling system:

The following measures shall be in place for waste recycling:

1. All one-side used papers shall be utilized for routine printing activities.
2. Used papers shall be put to use for making paper pens as a startup venture
3. Saleable materials like paper bits, plastic waste including accumulated PET bottles etc shall regularly be sold to recycling agents thus generating some income for outreach activities
4. Ballpoint pens shall be put to REUSE by inserting new REFIL and sold at cheaper rate through HONESTY SHOP.
5. Recycled water from the treatment plant shall be used in the Hostel.

### Hazardous Chemical Waste Management:

Use of hazardous liquid chemicals generating hazardous fumes shall be avoided using fume hoods installed in the laboratories. Hazardous waste generated shall be handed over periodically to the Kochi Corporation treatment yards.

### Clean Campus Committee of the College

Dr. Johnson X. Palackappillil	Principal (Chairman)
Dr. Sebastian John	Bursar
Dr. Johnson K M	IQAC Coordiantor
Dr. Didimose K V	Dean of Student Affairs
Mr. Sandeep Sunny	Faculty- Physical Education
Ms. Ragam P. M.	NSS Programme Officer
Dr. Joseph Varghese	NSS Programme Officer
Mr. Abin Ambily	Student Development Officer
Ms. Rakhi Menon	Student Counsellor
Mr. P. M. Joseph	Work Supervisor
Student Representatives (Three from Student Council)	



Dr. Johnson X Palackappillil  
Principal  
Sacred Heart College (Autonomous)  
Thevara, Kochi-682 013