

Indira Gandhi Govt. College Pandaria

Distt.- Kabirdham (C.G.)



**WASTE MANAGEMENT
POLICY**

Criterion 7.1.2 Management of the various types of degradable & non-degradable waste.

Waste Management Policy

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Introduction

Indira Gandhi govt. College Pandaria is committed to transform lives and serve the society through pursuit of excellence in teaching, innovation, lifelong learning, cultural enrichment and outreach services. Institute came into existence in 1984, with the objective to promote higher-education

Indira Gandhi govt. College Pandaria, sustainable and holistic waste management essential in reducing its environmental footprint and providing a safe and healthy work environment for teaching and non-teaching employees, students, and visitors.

The College has a duty to ensure that all the campus wastes are disposed of responsibly by using proper waste segregation mechanism at the source and if possible, converting it into value added environment friendly product. Furthermore, the Solid & Chemical hazardous waste should be disposed or managed by Institutional Practices. The purpose of the policy is to facilitate implementation of the action plan brought out in “National Environment Policy 2006” on management aspects of hazardous waste including their minimization, environmentally sound Management and active promotion of transfer and use of cleaner technologies.

2. Policy Statement

The College will adopt the principles of the ‘environmental option’ in the delivery of its waste management services. The College will apply a ‘waste hierarchical approach’, to reduce, reuse, recycle and recover waste products in preference to the disposal of land to full fill.

The College recognizes the importance of meeting these legal requirements and to manage its waste responsibly, reduce the volume of waste sent to landfill and maximize reuse and recycling where possible.

The College requires all the teaching and non-teaching staff, students, guests and anyone else making use of the premises to comply with this Policy & Any solid waste generated in the campus shall be managed and handled in accordance with the compliance criteria and the procedure laid down in Municipal Solid Wastes.

3. Policy Objectives

- To minimize waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost effective manner.
 - To provide clearly defined roles and responsibilities to identify and co-ordinate each activity of the waste management.
 - To promote environmental awareness in order to increase and encourage waste minimization, reuse and recycling.
 - To invest into the expansion of recycling opportunities on the College campus and transform waste into value added products.
 - To ensure the safe handling and storage of wastes on College campus.
 - To provide appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues.
 - To promote holistic approach of waste management in the campus.
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- **Co-ordinator, Internal Quality Assurance cell of College, Indira Gandhi govt. College Pandaria is responsible for:**
 - i). Provision of advice and guidance to the College on waste management.
 - ii). Setting Environmental Performance Indicators for waste management.
 - iii). Monitoring and auditing the management systems for all wastes, to ensure safety and legal compliance.
 - iv). Monitoring and auditing all waste contractors working for the College.
 - v). Provision of appropriate training for all personnel who have responsibilities for waste management.
 - vi). Coordinating the gathering of, and supplying all relevant information to appropriate enforcement agencies, when information relating to waste management is requested.
 - vii). Investigation of any incidents or spillage relating to all type of hazardous and general waste management.

Action Plan

It will be mandatory on the part of the Head of the department/ Principal Investigator to report changes/additions in hazardous waste generation and steps taken to reduce generation of waste per unit of production. As per the Hazardous Waste regulations, College can store hazardous waste for a period not exceeding 90 days and shall maintain a record of sale, transfer, storage, recycling and reprocessing of such wastes.

Reuse, recovery and recycling of non-hazardous waste

College will explore options/ opportunities of reusing, recovery and recycling of non-hazardous waste in an environmentally sustainable manner. Paper waste is sold recycle for make paper board and packing material.

Safe disposal of hazardous waste

For the waste which cannot be recycled/ reused, safe and environmentally sound disposal will be adopted depending upon waste category. Design and operation norms of disposal facilities should be strictly adhered to as per the guidelines

Glossary

Recycling

The diversion of waste away from landfill or incineration and the reprocessing of those wastes either into the same product or a different one. These mainly include non-hazardous wastes such as organic waste, wood, paper, and glass, cardboard, plastic and scrap metal.

Waste management system of institution

Dry Litter –The Solid waste/Dry Litter collected during routine activities from various Places E.g. - Office, Classrooms, and Laboratory Etc. In dry litter there are multiple types of Degradable waste Eg: - Papers, Files, Coffee cups, Newspapers, Cardboard, Fruits Etc. & Non-Degradable Waste Eg: - Polythene, Plastic items, plastic bottle Etc. For the Management of Degradable items, the Bund is also made for Degradation & Recycling into Bio-Fertilizers, & for Non-Degradable Materials, it has a maximum Reuse maximum then is put in Litter bunds Or Dispose in Garbage Container of Municipal Corporation.



Pic: - Dry & Wet litter container placed in College Veranda



Pic:- Litter containers outside of the campus.

Liquid Litter– As in a form of sewage water, they are disposed & Management on Sewage chambers & Also waste water produce in a form of waste through Water filter they flows in Plants Via Management system.

Bio-Medical Waste – In the form of sanitary napkins in females' toilets disposing of a Pad Destroyer machine, & in Biology labs, Cotton Swabs, Razors, Cloths Etc. Collected in Bio-Medical Waste Container & Their Management by a specific disposal System.



Pic:- Biomedical Waste container Of Zoology/Botany Lab

- **E-waste Management** – The old and obsolete electronic products like computers and electrical or electronic items are written-off or repaired for further use at collected and marked locations for disposal. For the repairing of these instrumental accessories, e.g.- computers, printers ,fans ,lights etc.
 1. First of all, the college staff wrote a letter to the store-in-charge & principal.
 2. Second, evaluate the repairing unit, evaluate the repairing item & give a conclusion to this.& last, the clean committee decided to repair or dispose of items.
 1. The obsolete electronic items, e.g.-lights, LEDs, Diodes, cables etc. are not repaired so that these kinds of items are put in the garbage through garbage collectors.
 2. The repairing items, e.g. - computers, are Printers, UPS etc. repaired items, repaired by the repairing units.

Hazardous chemical waste and Non-Hazardous chemical waste – The activities and functions of the college do not generate any specific hazardous waste and hence there has not been any need for hazardous waste management. If any kind of chemical trace chemical between the practical chemicals contains a hazardous chemical container and a Non-Hazardous chemical Container. The chemicals flow via a sewage system to chambers..

Conclusion: - an institute has different kinds of waste material it generates & the institution manages these litters in its disposal system