

Himgiri Zee University Scrap / Waste Management Policy

1. Introduction:

Himgiri Zee University, Dehradun (Hereinafter referred to as HZU), is committed to transform lives and serve the society through pursuit of excellence in teaching, innovation, lifelong learning, cultural enrichment and outreach services. HZU came into existence by an Act No. 17 of 2003 of the Uttarakhand Legislative Assembly and further to amend Act,2011 with the objective to promote inter-disciplinary higher education and research in the fields of environmental, ecological and life sciences. Himgiri Zee University realizes 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 University 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 medical and other hazardous waste should be disposed or managed by government approved, registered waste contractors wherever it is applicable.

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 University will adopt the principles of the ‘best practicable environmental option’ in the delivery of its waste management services. The University will apply a ‘waste hierarchical approach’, to reduce, reuse, recycle and recover waste products in preference to the disposal of waste to landfill. The University recognises the importance of meeting these legal requirements and to manage its waste responsibly, reduce the volume of waste sent to landfill and maximise reuse and recycling where possible. The University requires all the teaching and non-teaching staff, students, guests and anyone else making use of the premises to comply with this Policy and associated “University Environmental Guidance” to ensure compliance with all waste legislations. 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 (Management and Handling) Rules, 1999, published under the notification of the Government of India in the Ministry of 3 Environment and Forests number S.O. 783(E), dated, the 27th September, 1999 in the Gazette of India, Part II, Section 3, Sub-section (ii). There is a legal requirement for all who produce, keep or dispose hazardous/radioactive waste/chemical waste of any type to comply with the various regulations under national and international environmental protection legislation.

3. Policy Objectives:

The objectives of this policy are:

To ensure that waste management is performed in accordance with all waste legislative requirements, including the duty of care, and to plan for future legislative changes and to mitigate their effects.

To minimise 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 minimisation, reuse and recycling.

To invest into the expansion of recycling opportunities on the University campus and transform waste into value added products.

To ensure the safe handling and storage of wastes on University 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.

4. Organisation and Management:

The responsibilities and organisational arrangements for this Waste Management Policy lie with a variety of personnel within the University.

Advisory Board

a. Vice-Chancellor or his nominee

b. All Dean's

c. HoD's

d. Registrar

The advisory board may further form a committee to dispose of the various types of wastes in the campus area.

Himgiri Zee University is responsible for:

i). Provision of advice and guidance to the University on waste management.

ii). Setting Environmental Performance Indicators for waste management.

iii). Reporting annually to the University on progress against the 'Environmental Performance Indicators'.

iv). Monitoring and auditing the management systems for all wastes, to ensure safety and legal compliance.

v). Monitoring and auditing all waste contractors working for the University.

vi). Provision of appropriate training for all personnel who have responsibilities for waste management.

vii). Coordinating the gathering of, and supplying all relevant information to appropriate enforcement agencies, when information relating to waste management is requested.

viii). Investigation of any incidents or spillage relating to all type of hazardous and general waste management.

Support staff is Responsible for:

- i). Overseeing the day to day delivery of general waste and their recycling services.
- ii). Monitoring the performance of the university contractor against the contact agreements.
- iii). Liaising with the “Environment Sustainability Management Cell” to establish standard procedures for managing waste on the University campus.
- iv). Operational monitoring of waste management systems across the campus.

Heads of Department (HoD) / Dean’s Responsibility:

- i). Non-hazardous Wastes Ensuring that no hazardous waste is disposed of through the general or waste recycling streams.
- ii). Hazardous Wastes; Nominating a ‘responsible person’ within their department to coordinate waste disposal for any hazardous or laboratory wastes.
- iii). Informing the Environment Sustainability and Management Cell, about the nominated ‘responsible person’ and updating the cell if and when the ‘responsible person’ changes. The tenure of the person will be minimum two year.

Students will be Responsible for:

- i). Disposing of waste responsibly, through the appropriate waste disposal system, in accordance with University policy and procedures.
- ii). Reporting any problems related department/laboratory waste or waste collection procedure to the ‘Head of Department’.

Action Plan It will be mandatory on the part of the Dean of the School / Head of the department/ Principle Investigator (Project)/ in-charge (Animal House) 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, University 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 unless the concerned State Pollution Control Board has extended the stipulated period. The waste could either be recycled /reused or disposed of in captive or common treatment, storage and disposed facilities available in the campus or incinerated, as proposed.

6. University will explore options/ opportunities of reusing, recovery and recycling of non- hazardous waste in an environmentally sustainable manner.

Paper waste may be sold to bidders in shredded form / be recycled to make paper board and packing material.