



# NEW HORIZON COLLEGE OF ENGINEERING

## SOLID WASTE MANAGEMENT POLICY (SWMP)

New Horizon College of Engineering (NHCE) has been making very distinctive contributions in the field of environment and sustainability, it shall pay considerable attention to minimize the production of solid 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 Recycling of Solid Waste Management Policy (SWMP) 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.

### 1 The Policy vision

The policy envisions a community which js 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.

### 2 Policy objectives

1. 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.
2. Orienting them to adopt appropriate technologies for processing and managing solid, liquid and e-waste.
3. Give appropriate training to segregate hazardous and non-hazardous waste and dispose of them using appropriate method without creating further environmental pollution.
4. Follow the five "R" principle of reduce, reuse, recycle, refuse and regenerate
5. Maintain the campus plastic free

### 3 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. Recycled water from the treatment plant shall be used.



#### **4 Implementation**

- Shall decide to clean the classrooms by adopting the programme My Class My Pride.
- Involve the campus community in waste management initiatives through volunteer opportunities and events.
- Evaluate the effectiveness of waste management strategies regularly and make changes as needed.
- Implement domestic hazardous waste and non-biodegradable waste management.
- Implement E-Waste Management and also organic waste converter room.

#### **5 Solid waste management**

- An incinerator shall be installed in the campus to burn garbage.

#### **6 Food waste management**

- Shall adopt degradable waste management practices like installation of biogas plant and vermi-compost pits.
- Food scraps and other organic waste shall be composted to create nutrient-rich soil for gardens.

#### **7 Plastic waste management**

Promote the reuse and recycling of e-waste to minimize environmental impact.

#### **8 E- waste management**

- Designate collection points for e-waste within the campus
- Adhere to all local, national, and international regulations related to e-waste management.
- Ensure safe and secure storage of e-waste before it is handed over to authorized recyclers.



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