



STAREX UNIVERSITY, GURUGRAM

(Established by Haryana Private Universities (Second Amendment) Act No.20 of 2016)

(Recognized by UGC U/sec. 2(f) of the UGC Act, 1956)

(Empowered to Award degrees U/sec. 22 of the UGC Act, 1956)

WASTE MANAGEMENT POLICY



STAREX UNIVERSITY

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POLICY DOCUMENT **FOR WASTE MANAGEMENT**

Green campus, energy, and environmental policies will spark innovative new extracurricular and co-curricular activities that inspire students to take the initiative in effecting significant change. The objective of these efforts is to conduct a thorough analysis of the energy efficiency, sustainability, and environmental effect of all administrative and infrastructural operations. Its green campus initiatives protect the environment and provide a clean, green, and pollution-free campus. The simple responsibility is environment development with the educational policies implemented on campus.

OBJECTIVES

- ❖ To build an environmentally striving sustainable campus and, if feasible, encourage a culture of environmental consciousness across the neighbourhood.
- ❖ The University is to become an energy, water, and sanitation self-sufficient school.
- ❖ To educate students the importance of the environment and associated issues.
- ❖ To preserve and safeguard the institution's natural resources and systems.
- ❖ To preserve and preserve natural systems and assets on campus.
- ❖ To include environmental considerations into social development and outreach policies, programs, and initiatives.



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- ❖ Collaborating with every relevant stakeholder and the nearby community, we aim to increase consciousness, promote the implementation of eco-friendly practices, and mitigate any adverse impacts on the surroundings.
- ❖ To constantly enhance our role in conservation of world resources, climate change adaption, and climate protection.
- ❖ Reducing consumption and waste production while collecting and recycling trash wherever feasible, as well as consistently improving the effective use of all resources including water and energy.
- ❖ To remove all plastic from the campus.
- ❖ Periodically carry out audits pertaining to the environment and energy.
- ❖ E-governance policies aim to reduce the amount of paper used in administration.
- ❖ To reduce waste generation at its source and encourage reusability and recycling.
- ❖ To ensure the proper segregation, collection, storage, and environmentally safe disposal of waste.
- ❖ To comply with national and local waste management regulations and global sustainability standards.

THE INITIATIVES PROPOSED TO ACHIEVE POLICY:

- ❖ Clean Campus, Landscaping and Clean Air Initiatives
- ❖ Waste Management Policy
 - Solid Waste Management
 - Liquid Waste Management
 - E-Waste Management



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- ❖ Awareness Initiatives by Students and Department Activities

WASTE MANAGEMENT POLICY

Starex University, Gurugram cares about keeping the campus clean, green, and healthy. To achieve this, the University follows proper waste management practices.

Starex University, Gurugram acknowledges its profound responsibility to safeguard the environment and uphold the health and safety of all its stakeholders, including employees, students, visitors, and contractors. Environmental protection and sustainability are not only legal obligations but also ethical imperatives central to the mission and values of the University. Recognizing the diverse and significant impacts of University activities on the environment, the University is committed to adopting sustainable practices in all its operations.

This Waste Management Policy has been developed as a comprehensive and structured framework to manage all categories of waste generated across the campus. It covers, but is not limited to, solid waste, liquid waste, recyclable waste, hazardous waste, biomedical waste, and electronic waste produced through academic, administrative, research, residential, and support activities. By establishing clear procedures and responsibilities, the policy ensures that waste is handled in a safe, efficient, and environmentally sound manner.

The policy outlines guidelines for waste reduction at its source, segregation at the point of generation, systematic collection, safe transportation, appropriate treatment, and disposal through authorized agencies in full compliance with applicable national and state environmental laws. It seeks to reduce the University



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ecological footprint and align its practices with recognized standards such as the Solid Waste Management Rules, E-Waste Management Rules and Bio-Medical Waste Management Rules along with any amendments thereof.

In implementing this policy, the University focuses the principles of “reduce, reuse, and recycle,” encouraging all stakeholders to minimize waste generation, maximize resource recovery, and support the circular economy. Waste minimization strategies include responsible procurement, use of eco-friendly alternatives, and adoption of digital processes to cut paper use.

Further, the policy aims to foster a culture of environmental stewardship and personal accountability. Through training, awareness campaigns, and participatory initiatives, it will engage students, staff, and contractors to actively contribute to sustainable waste management practices. Monitoring, evaluation, and regular review mechanisms are also built into the policy to ensure continuous improvement, compliance, and innovation.

Ultimately, the Waste Management Policy reflects the University dedication to environmental sustainability, public health protection, and the creation of a cleaner, safer, and greener campus for present and future generations.



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The types of Waste Covered are as follows: -

1. **SOLID WASTE MANAGEMENT**

The goal of the educational institution is to provide a comprehensive education that also has a positive impact on the environment, introducing solid waste reduction and processing practices through the following methods:

Follow the 3 R's i.e. Reduce, Reuse, and Recycle in a careful and eco-friendly way:

- Gather all the paper waste generated in the campus and work with scrap dealers to recycle it.
- Develop an administrative and instructional model i.e. technology-centric to reduce solid waste.
- Encourage the digitalization of attendance and internal evaluation records to cut down on paper usage.
- Update the college library's collection of e-books and e-journals to reduce the need for printed books.
- Take initiatives to spread awareness among students
 - a) Organize workshops for students related to solid waste management.
 - b) Food waste and ways to minimize it.
 - c) Minimizing the use of packaged foods
 - d) The habit of reusing and recycling non-biodegradable products



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2. **LIQUID WASTE MANAGEMENT**

- Reuse of wastewater generated by the Reverse Osmosis (RO) plant to garden
- Continuous monitoring to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.
- Maintain leak proof water fixtures.
- Minimize the use of water by constructing more Indian style toilets instead of western style toilets.

3. **E WASTE MANAGEMENT**

- Students' awareness of e-waste reduction and environmentally friendly e-waste disposal practices.
- Encourage departmental and societal initiatives related to the management of e- waste.
- More provisions for the disposal of the institutional e-waste.

4. **RECYCLABLE WASTE MANAGEMENT**

Recyclable waste refers to materials generated within the campus that can be collected, processed, and converted into new products or raw materials for further use. This category of waste is critical for reducing the demand on virgin resources, lowering the environmental impact of operations, and promoting a circular economy. By properly segregating recyclable waste at the source, the organization not only minimizes the volume of waste sent to landfills but also contributes to resource conservation and sustainability goals. It includes



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- **Paper & Card Board** – Office Paper Files, Envelops, Cartons, Note books, Newspapers, magazines and packaging materials
- **Plastic** – Plastic Bottles, Containers, packaging films, disposable cutlery and plastic bags.
- **Metals** - Aluminum cans, food tins, wires, and scrap metals from workshops or laboratories.
- **Glass** - Bottles, jars, laboratory glassware (if non-contaminated), and other glass items.
- **Other Recyclables** - Old furniture, textiles, and certain non-hazardous rubber products may also be recycled.

Management Practices for Recyclable Waste:

- Clearly marked bins and containers for each recyclable category must be placed in strategic locations across the campus.
- Staff, students, and contractors should be trained to identify and segregate recyclable materials correctly.
- Periodic collection schedules should be established to ensure timely transfer of recyclable waste to designated storage areas.
- The University must have tie-ups or legal agreements (MoUs) with authorized recycling agencies for the collection, transportation, and recycling of these materials.



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- Monitoring and record-keeping of the volume of recyclable waste generated, collected, and sent for recycling must be maintained for compliance and reporting purposes.

Benefits of Recycling:

- Reduces the consumption of energy and natural resources.
- Decreases landfill space usage and associated environmental hazards.
- Creates economic value from waste by turning it into raw material for new products.

5. **BIODEGRADABLE (ORGANIC) WASTE**

- ❖ Food waste from canteens, green/landscape waste (leaves, grass cuttings), and other organic matter.
- ❖ Can be composted or used for biogas generation.

6. **NON-BIODEGRADABLE WASTE**

- ❖ Plastics, glass, metals, rubber, and other materials that do not decompose naturally.
- ❖ Requires segregation and recycling or disposal through authorized agencies.



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7. **HAZARDOUS WASTE**

- ❖ Waste containing chemicals, solvents, oils, paints, batteries, or other toxic substances.
- ❖ Requires specialized handling, storage, and disposal through authorized treatment facilities.

8. **BIOMEDICAL WASTE**

- ❖ Generated from health centers, laboratories, and medical facilities on campus.
- ❖ Includes used syringes, dressings, biological samples, and other bio-hazardous materials.
- ❖ Must be disposed of under the Bio-Medical Waste Management Rules.

9. **CONSTRUCTION & DEMOLITION WASTE**

- ❖ Debris, concrete, metal scraps, and other waste generated from construction or renovation activities on campus.
- ❖ Should be minimized, reused where possible, or disposed of responsibly.



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AWARENESS INITIATIVES BY STUDENTS AND DEPARTMENT ACTIVITIES

➤ Student Participation:

Students will actively take part in awareness drives on energy saving, waste management, water conservation, and green campus practices.

➤ Clubs & Societies:

Eco-clubs, NSS, and other student groups will organize cleanliness drives, tree plantation, poster-making, debates, and street plays on environmental issues.

➤ Workshops & Seminars:

Departments will conduct regular sessions, expert talks, and exhibitions on sustainability and eco-friendly practices.

➤ Campaigns:

Awareness campaigns will be held on reducing single-use plastics, promoting renewable energy, saving electricity, and recycling.

➤ Departmental Activities:

Each department will integrate sustainability themes into projects, research, and extension activities.



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➤ Celebration of Green Days:

Observance of special days like World Environment Day, Earth Day, Energy Conservation Day, etc. with student-led programs.

➤ Community Outreach:

Students and departments may extend awareness activities beyond the campus to nearby communities and schools.