MEDHAVI SKILLS UNIVERSITY

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REPORT ON SUSTAINABLE DEVELOPMENT



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

GOAL 12

SDG 12 – RESPONSIBLE CONSUMPTION AND PRODUCTION

Introduction

Sustainable Development Goal 12 (SDG 12) – Responsible Consumption and Production – focuses on using natural resources efficiently, reducing waste, encouraging responsible purchasing and production practices, and promoting sustainability in institutional and community activities. For higher education institutions, this goal matters for how they procure and use resources, manage and recycle waste, and integrate sustainability into education, research, campus operations, and community engagement.

Medhavi Skills University (MSU), through its focus on skill-based and applied learning, has an opportunity to connect sustainability principles with academic learning, institutional practices and engagement with external stakeholders. Responsible consumption and production can be reflected in the efficient use of materials and utilities, responsible sourcing of goods and services, reduction of single-use plastics and disposable items, appropriate management of hazardous and other waste, and systematic tracking of waste generated, recycled or sent to landfill. Research, awareness activities and partnerships can also help students and stakeholders understand practical approaches to resource efficiency and waste reduction.

This report is structured around the SDG 12 metrics and indicators in the supplied reference: research on responsible consumption and production; operational measures and policies; the measurement and recycling of waste; and publication of sustainability reporting. These headings provide a framework for presenting the University's relevant policies, procedures, records, activities and outcomes. Supporting evidence may include approved policies, procurement and vendor records, waste collection or recycling documentation, quantities of waste generated and recycled, activity reports, photographs, audit records and publicly accessible reports or links.

List of Courses

Medhavi Skills University (MSU), through its Department of Hospitality and Tourism Management under the School of Hospitality and Tourism, offers courses that provide students with knowledge and practical skills related to food production, food and beverage services, culinary operations, bakery and pastry preparation, and hospitality facility management. These subjects are relevant to Sustainable Development Goal 12 (SDG 12): Responsible Consumption and Production, which promotes the efficient use of resources, reduction of waste, and adoption of responsible production and consumption practices.

The curriculum includes conceptual and applied components in subjects such as Fundamentals of Food Production, Foundation of Food and Beverage Service, and Art of Bakery and Pastry Making. These courses provide opportunities for students to understand food preparation methods, ingredient handling, portion control, and the importance of maintaining quality while using resources efficiently. Practical learning in these areas can also help students develop awareness of food waste prevention, appropriate storage and handling of ingredients, and responsible use of kitchen materials and equipment.

Advanced subjects such as Advanced Food Production, Advanced Food and Beverage Service, and Culinary Arts further develop students' understanding of professional food preparation and service operations. In addition, Food and Beverage Control is particularly relevant to resource management through its focus on monitoring food and beverage costs, stock, inventory, and operational use of supplies. Facility Planning can contribute to students' understanding of the efficient organisation and management of hospitality spaces, equipment, and operational resources.

Through these courses, MSU has an academic platform for integrating sustainability principles into hospitality education. The subjects offer scope to connect classroom learning and practical training with responsible ingredient procurement, efficient resource utilisation, waste minimisation, and improved operational practices in food service and hospitality settings.

The list of courses presented below identifies curriculum areas that are relevant to SDG 12. Their inclusion demonstrates curricular relevance; specific claims regarding sustainability outcomes, such as reductions in food waste or resource consumption, should be supported by course syllabi, practical-session records, student projects, or other institutional evidence.

List of Courses

S. No.	Name of Department	Name of the Course	Relevance to SDG 12
1	Department of Hospitality and Tourism Management	Fundamentals of Food Production	Understanding food production principles and resource-efficient practices.
2	Department of Hospitality and Tourism Management	Fundamentals of Food Production	Practical application of food preparation, ingredient handling and resource use.
3	Department of Hospitality and Tourism Management	Foundation of Food and Beverage Service	Understanding food and beverage service operations and responsible service practices.
4	Department of Hospitality and Tourism Management	Foundation of Food and Beverage Service	Applying service practices that support efficient use of supplies and minimise wastage.
5	Department of Hospitality and Tourism Management	Foundation of Food Production	Learning basic food production methods and ingredient utilisation.
6	Department of Hospitality and Tourism Management	Foundation of Food Production	Developing practical food preparation and ingredient-handling skills.
7	Department of Hospitality and Tourism Management	Advanced Food Production	Exploring advanced food production methods and efficient kitchen operations.
8	Department of Hospitality and Tourism Management	Advanced Food and Beverage Service	Understanding professional service operations and responsible resource utilisation.
9	Department of Hospitality and Tourism Management	Art of Bakery and Pastry Making	Understanding bakery and pastry production principles and ingredient use.
10	Department of Hospitality and Tourism Management	Art of Bakery and Pastry Making	Applying practical baking techniques and efficient use of ingredients.
11	Department of Hospitality and Tourism Management	Food and Beverage Control	Understanding inventory, stock management, cost control and reduction of avoidable waste.
12	Department of Hospitality and Tourism Management	Culinary Arts	Developing culinary skills with opportunities to incorporate responsible ingredient use and waste minimisation.
13	Department of Hospitality and Tourism Management	Facility Planning	Understanding the planning and efficient use of hospitality facilities, equipment and operational resources.





B.Sc in Hospitality & Hotel Management – Hospitality Business

List of Publications

Medhavi Skills University (MSU), through its faculty research, contributes to academic discussions relevant to Sustainable Development Goal 12 (SDG 12): Responsible Consumption and Production. The publications listed under this SDG explore consumer buying behaviour, online shopping, digital marketing, social media influences, consumer spending patterns, and approaches to radioactive waste management. These research areas provide perspectives on consumption decisions, the influence of digital platforms on purchasing behaviour, and the importance of addressing environmental challenges associated with waste.

Research conducted by faculty members of the School of Management and Commerce (SoMC) examines consumer behaviour in e-commerce environments, including the role of product recommendations in customer satisfaction and the influence of digital marketing and social media influencers on buying habits. Such research is relevant to understanding how consumers make purchasing decisions in digital marketplaces and how online retail environments shape consumption patterns. The study of accounting insights into consumer spending behaviour in online retailing markets also provides a perspective on spending practices and retail-market dynamics.

In addition, the publication “Unveiling Nature’s Bacterial Solution to Radioactive Waste”, authored by Dr. Anupama Moirangthem, addresses a waste-management-related research theme. Its focus on potential bacterial solutions to radioactive waste is relevant to the broader discussion of responsible waste handling and environmental management, although the specific findings and applications should be described with reference to the published chapter.

Collectively, these publications demonstrate the range of research topics identified by MSU as relevant to SDG 12, spanning consumer behaviour, digital commerce, spending patterns, and waste management. They provide an academic basis for examining responsible consumption and environmental concerns. The publication list serves as supporting evidence of research activity associated with this SDG; the precise contribution of each paper should be assessed in relation to its content and findings rather than assuming that every study directly measures sustainable consumption or production outcomes.

Title of Paper	Name of the Author	Dept. Name	Name of Journal	Web Link to Paper
Consumer Buying Behaviour on E-Commerce Platforms in Sikkim	Mr. Snehasish Bhattacharjee	SoMC	International Journal for Recent Developments in Science &Technology	https://www.ijrdst.org/public/uploads/paper/3766417806462 37.pdf
Impact of Product Recommendations on Customer Satisfaction in Online Shopping: A Study of Customers in Sikkim	Mr. Snehasish Bhattacharjee	SoMC	International Journal for Recent Developments in Science &Technology	https://www.ijrdst.org/public/u pload s/paper/959621780644151.pdf
A Study on Accounting Insights into Consumer Spending Behaviour in Online Retailing Markets: Evidence from Sikkim	Mr. Mohammed Parvesh	SoMC	International Journal for Novel Research in Economics, Finance and Management	https://ijnrefm.com/a-study-on-accounting-insights-into-consumer-spending-behaviour-in-online-retailing-markets-evidence-from-sikkim/
The Effect of Digital Marketing on Emotional Responses and Impulse Buying Behaviour in E-Commerce: Evidence from Sikkim	Mr. Snehasish Bhattacharjee	SoMC	International Journal for Recent Developments in Science &Technology	85085178064436 8.pdf
Understanding the impact of social media influencers on consumer buying habits	Mr. Snehasish Bhattacharjee	SoMC	International Journal of Creative Research Thoughts	https://ijcrt.org/viewfull.php?&p_id=IJCRT25A5551
Unveiling Nature's Bacterial Solution to Radioactive Waste.	Dr. Anupama Moirangthem	MLT	Springer Nature (Publisher)	Unveiling Nature's Bacterial Solution to Radioactive Waste | Springer Nature Link

Sustainability and Resource Conservation Initiatives at Medhavi Skills University

Medhavi Skills University demonstrates its commitment to SDG 12: Responsible Consumption and Production through various sustainability-focused initiatives. The University promotes environmental responsibility by organizing cleanliness drives, plantation campaigns, and awareness programs on sustainable practices. Activities such as the Cleanliness Drive 2025, World Environment Day celebrations, and plantation initiatives encourage students and staff to adopt eco-friendly habits, conserve natural resources, and contribute to a cleaner, more sustainable future.

Particulars	SDG 12 Metric	Activity	Link
Cleanliness Drive 2025	Waste Reduction & Community Awareness	MSU collaborated with Singtam Gram Panchayat for a cleanliness drive to promote sustainable living, responsible waste management, and community participation in maintaining a cleaner environment.	View Event
World Environment Day with Sustainability Initiatives	Sustainability Education & Responsible Practices	MSU observed World Environment Day through environmental awareness activities, including discussions on sustainable solutions and a plantation drive under the "Ek Ped Maa Ke Naam" initiative.	View Event
Sowing the Seeds of Sustainability	Environmental Stewardship & Resource Conservation	The School of Hospitality & Tourism organized a plantation drive involving students and faculty to promote ecological responsibility and sustainable practices.	View Event
Employee Milestones for a Greener Future	Sustainable Resource Use & Environmental Responsibility	MSU partnered with Grow-Trees to plant trees for employee milestones, supporting afforestation, biodiversity conservation, and ecological restoration projects.	View Event

Cleanliness Drive 2025



World Environment Day



Sowing the Seeds of Sustainability: MSU's Hospitality & Tourism School Leads the Way



Reg.: ECPL/CERT/2026/MSU/03

Issue date:10/10/2026

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GWCN
Global Waste Cleaning Network
Member Ref: GWCN/M22.926

CERTIFICATE

This is to certify that

MEDHAVI SKILLS UNIVERSITY

Sikkim, India

has been assessed for its energy management practices and energy performance.

Energy Audit

Based on the assessment and findings documented in the Energy Audit Report, the institute has demonstrated satisfactory implementation of energy management practices and initiatives aimed at improving energy efficiency, promoting renewable energy use, and conserving energy resources.

enviraj
CONSULTING

Audit Period: *August 2025 - July 2026*

Audit Date: *28/09/2026*

Scan to verify

ENVIRAJ CONSULTING PRIVATE LTD. GWALIOR

Rajdeep Pandey
Director
Environmental Consultant & Auditor
ISO 14001:2015 & ISO 50001:2018

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Reg.: ECPL/CERT/2026/MSU/02 Issue date:10/10/2026

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GWCN
Global Waste Cleaning Network
Member Ref: GWCN/M22.926

CERTIFICATE

This is to certify that

MEDHAVI SKILLS UNIVERSITY
Sikkim, India

has been assessed with respect to its environmental aspects, pollution control practices, and regulatory compliance, in accordance with the requirements of an

Environmental Audit

The audit identified positive environmertal initiatives undertaken by the institution, along with opportunities for further improvement, as documented in the Environmental Audit Report.

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CONSULTING

Audit Period: *August 2025 - July 2026* ***Audit Date:*** *28/09/2026*

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Reg.: ECPL/CERT/2026/MSU/01 Issue date:10/10/2026

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GWCN
Global Waste Cleaning Network
Member Ref: GWCN/M22.926

CERTIFICATE

This is to certify that

MEDHAVI SKILLS UNIVERSITY
Sikkim, India

has been assessed by us for the environmental and sustainability practices implemented at the Institute as part of the

Green Audit

Based on the findings documented in the Green Audit Report, the environmental practices and green initiatives undertaken by the Institute have been assessed and found to be satisfactory.

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Audit Period: *August 2025 - July 2026* *Audit Date: 28/09/2026*

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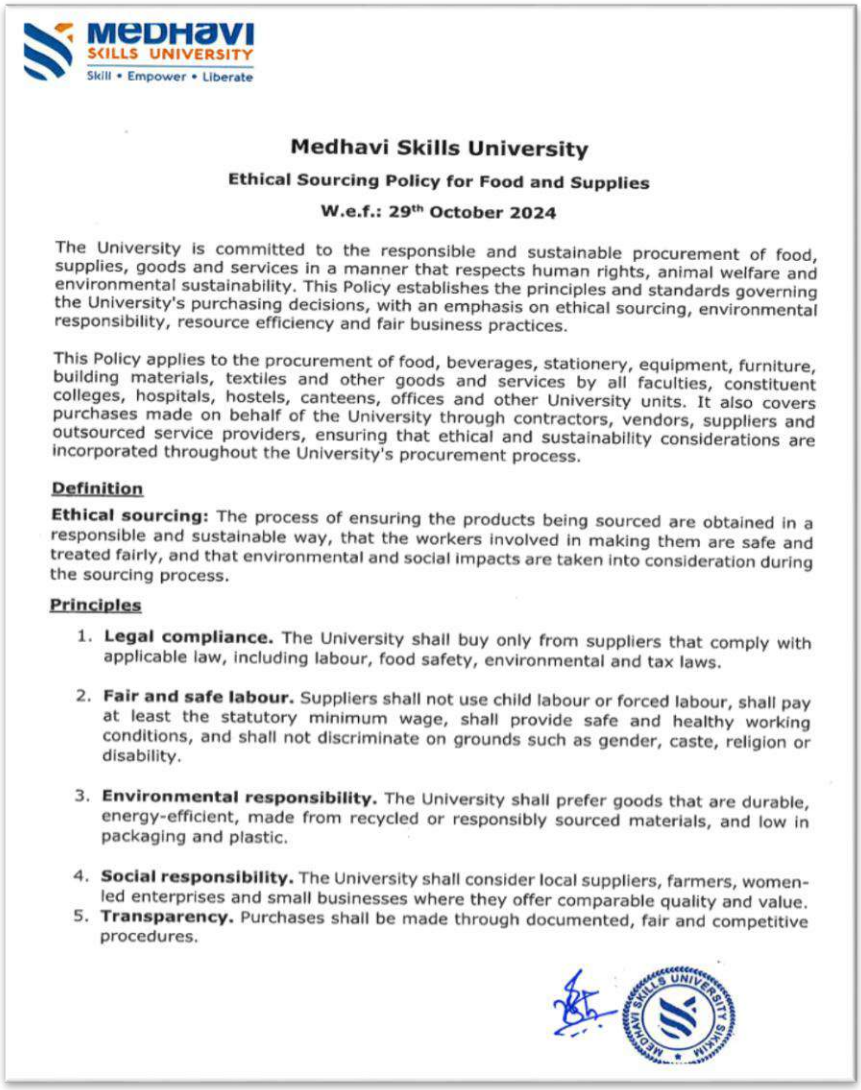
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Ethical Sourcing

Medhavi Skills University is committed to the responsible and sustainable procurement of food, supplies, goods, and services through its Ethical Sourcing Policy for Food and Supplies, effective 29 October 2024. The policy ensures that purchasing decisions uphold human rights, fair labour practices, environmental sustainability, and ethical business conduct. The University gives preference to locally sourced, seasonal, and sustainably produced food items, as well as energy-efficient, recyclable, and responsibly sourced products. Suppliers are required to comply with applicable labour, food safety, environmental, and regulatory standards. Through this policy, the University promotes sustainable consumption, supports local communities and businesses, and strengthens its commitment to social and environmental responsibility.

ETHICAL-SOURCING-POLICY-FOR-FOOD-AND-SUPPLIES.pdf



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Ethical Sourcing Policy for Food and Supplies

W.e.f.: 29th October 2024

The University is committed to the responsible and sustainable procurement of food, supplies, goods and services in a manner that respects human rights, animal welfare and environmental sustainability. This Policy establishes the principles and standards governing the University's purchasing decisions, with an emphasis on ethical sourcing, environmental responsibility, resource efficiency and fair business practices.

This Policy applies to the procurement of food, beverages, stationery, equipment, furniture, building materials, textiles and other goods and services by all faculties, constituent colleges, hospitals, hostels, canteens, offices and other University units. It also covers purchases made on behalf of the University through contractors, vendors, suppliers and outsourced service providers, ensuring that ethical and sustainability considerations are incorporated throughout the University's procurement process.

Definition

Ethical sourcing: The process of ensuring the products being sourced are obtained in a responsible and sustainable way, that the workers involved in making them are safe and treated fairly, and that environmental and social impacts are taken into consideration during the sourcing process.

Principles

1. **Legal compliance.** The University shall buy only from suppliers that comply with applicable law, including labour, food safety, environmental and tax laws.
2. **Fair and safe labour.** Suppliers shall not use child labour or forced labour, shall pay at least the statutory minimum wage, shall provide safe and healthy working conditions, and shall not discriminate on grounds such as gender, caste, religion or disability.
3. **Environmental responsibility.** The University shall prefer goods that are durable, energy-efficient, made from recycled or responsibly sourced materials, and low in packaging and plastic.
4. **Social responsibility.** The University shall consider local suppliers, farmers, women-led enterprises and small businesses where they offer comparable quality and value.
5. **Transparency.** Purchases shall be made through documented, fair and competitive procedures.

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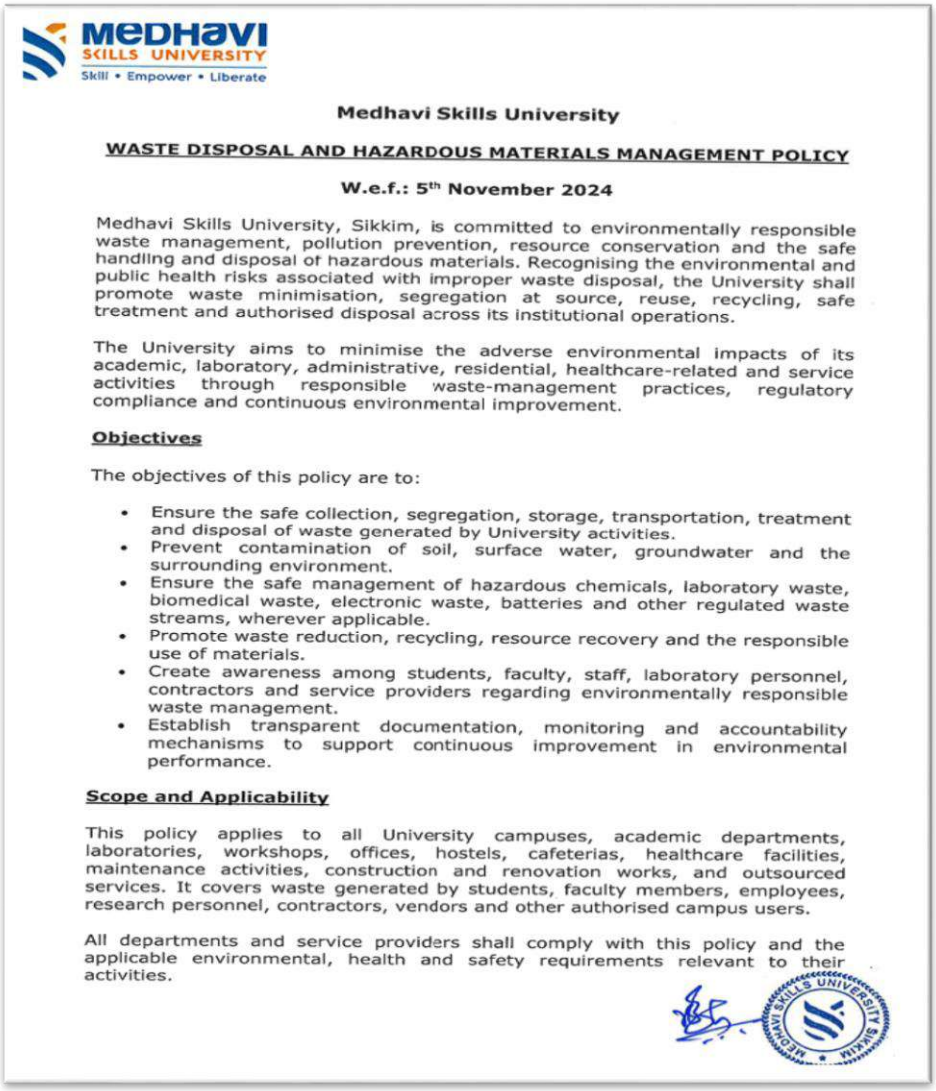


Waste Disposal and Hazardous Materials Management Policy

Medhavi Skills University is committed to environmentally responsible waste management through its Waste Disposal and Hazardous Material Management Policy, effective 5 Nov 2024. The policy establishes guidelines for the safe segregation, collection, storage, handling, recycling, and disposal of general, recyclable, electronic, biomedical, and hazardous waste generated on campus. The University promotes waste minimization, resource recovery, and compliance with applicable environmental, health, and safety regulations.

Special procedures are implemented for handling hazardous materials to prevent risks to human health and the environment. Through regular awareness programmes and monitoring mechanisms, the University fosters sustainable waste management practices and supports a clean, safe, and environmentally responsible campus.

WASTE-DISPOSAL-AND-HAZARDOUS-MATERIAL-MANAGEMENT-POLICY.pdf



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WASTE DISPOSAL AND HAZARDOUS MATERIALS MANAGEMENT POLICY

W.e.f.: 5th November 2024

Medhavi Skills University, Sikkim, is committed to environmentally responsible waste management, pollution prevention, resource conservation and the safe handling and disposal of hazardous materials. Recognising the environmental and public health risks associated with improper waste disposal, the University shall promote waste minimisation, segregation at source, reuse, recycling, safe treatment and authorised disposal across its institutional operations.

The University aims to minimise the adverse environmental impacts of its academic, laboratory, administrative, residential, healthcare-related and service activities through responsible waste-management practices, regulatory compliance and continuous environmental improvement.

Objectives

The objectives of this policy are to:

- Ensure the safe collection, segregation, storage, transportation, treatment and disposal of waste generated by University activities.
- Prevent contamination of soil, surface water, groundwater and the surrounding environment.
- Ensure the safe management of hazardous chemicals, laboratory waste, biomedical waste, electronic waste, batteries and other regulated waste streams, wherever applicable.
- Promote waste reduction, recycling, resource recovery and the responsible use of materials.
- Create awareness among students, faculty, staff, laboratory personnel, contractors and service providers regarding environmentally responsible waste management.
- Establish transparent documentation, monitoring and accountability mechanisms to support continuous improvement in environmental performance.

Scope and Applicability

This policy applies to all University campuses, academic departments, laboratories, workshops, offices, hostels, cafeterias, healthcare facilities, maintenance activities, construction and renovation works, and outsourced services. It covers waste generated by students, faculty members, employees, research personnel, contractors, vendors and other authorised campus users.

All departments and service providers shall comply with this policy and the applicable environmental, health and safety requirements relevant to their activities.

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Waste Segregation and Disposal

The University shall promote segregation of waste at its point of generation through designated and appropriately labelled containers. General waste, biodegradable waste, recyclable materials, hazardous waste, biomedical waste, electronic waste and other regulated waste streams shall be managed separately, as applicable.

Waste shall not be indiscriminately mixed, openly burned, dumped on land or discharged into drains, water bodies or the surrounding environment. Reusable and recyclable materials shall be recovered wherever practicable, while residual waste shall be transferred to appropriate collection, treatment or disposal facilities.

Departments shall take reasonable measures to reduce avoidable waste generation through efficient resource use, responsible purchasing, reuse of suitable materials and environmentally responsible operational practices.

Hazardous Materials Management

Hazardous materials and waste arising from laboratories, workshops, maintenance operations, healthcare-related activities and other University operations shall be identified, handled, stored and disposed of in accordance with their nature and applicable statutory requirements.

The University shall ensure that:

1. Hazardous chemicals and materials are appropriately labelled, inventoried and stored in designated, secure areas with suitable safety measures.
2. Incompatible chemicals and hazardous substances are stored separately, with access restricted to authorised personnel.
3. Laboratory chemicals, contaminated materials, used oils, solvents, batteries and other hazardous waste are not mixed with general waste.
4. Appropriate personal protective equipment, safety instructions and spill-response arrangements are provided wherever necessary.
5. Hazardous waste is transferred only to appropriately authorised recyclers, treatment facilities or disposal agencies, as required under applicable regulations.
6. Staff handling hazardous materials receive suitable training in safe handling, storage, emergency response and disposal procedures.

Where hazardous substances are spilled or accidentally released, the incident shall be reported promptly and managed by trained personnel using appropriate containment and response procedures.

Management of Special Waste Streams

The University shall adopt appropriate procedures for managing specific waste categories:

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- **Biomedical waste:** Waste generated by healthcare facilities, clinical activities or relevant laboratories shall be segregated, stored, treated and disposed of through authorised channels in accordance with applicable biomedical waste requirements.
- **Electronic waste:** Discarded computers, electronic equipment, electrical components and related materials shall be channelled to authorised recyclers or collection systems, as applicable.
- **Batteries and waste oils:** These materials shall be collected separately, stored safely and transferred through appropriate authorised channels.
- **Laboratory and chemical waste:** Chemical residues, expired reagents and contaminated laboratory materials shall be assessed and managed according to their hazardous properties and applicable requirements.
- **Construction and maintenance waste:** Waste from repairs, renovation and construction shall be segregated and sent for appropriate recovery, recycling or authorised disposal, as applicable.

The University shall maintain suitable records of collection and disposal to demonstrate responsible management of these waste streams.

Roles, Responsibilities and Awareness

The University administration, through a designated environmental or waste-management committee or officer, shall coordinate policy implementation, monitor compliance and periodically review waste-management arrangements.

Heads of departments and laboratory in-charges shall ensure appropriate segregation, safe storage and record-keeping within their respective areas. Housekeeping personnel, contractors and service providers shall follow prescribed collection, handling and transportation procedures. Faculty members and students shall contribute by observing segregation instructions, avoiding littering and participating in awareness initiatives.

The University shall organise appropriate awareness programmes, safety briefings, training sessions and communication activities to encourage responsible waste disposal and strengthen environmental awareness across the campus.

Monitoring, Documentation and Compliance

The University shall maintain appropriate records of waste generation, segregation, collection, recycling, treatment and disposal, wherever applicable. Records may include waste inventories, inspection reports, training attendance, authorised agency details, collection receipts, disposal certificates and incident reports.

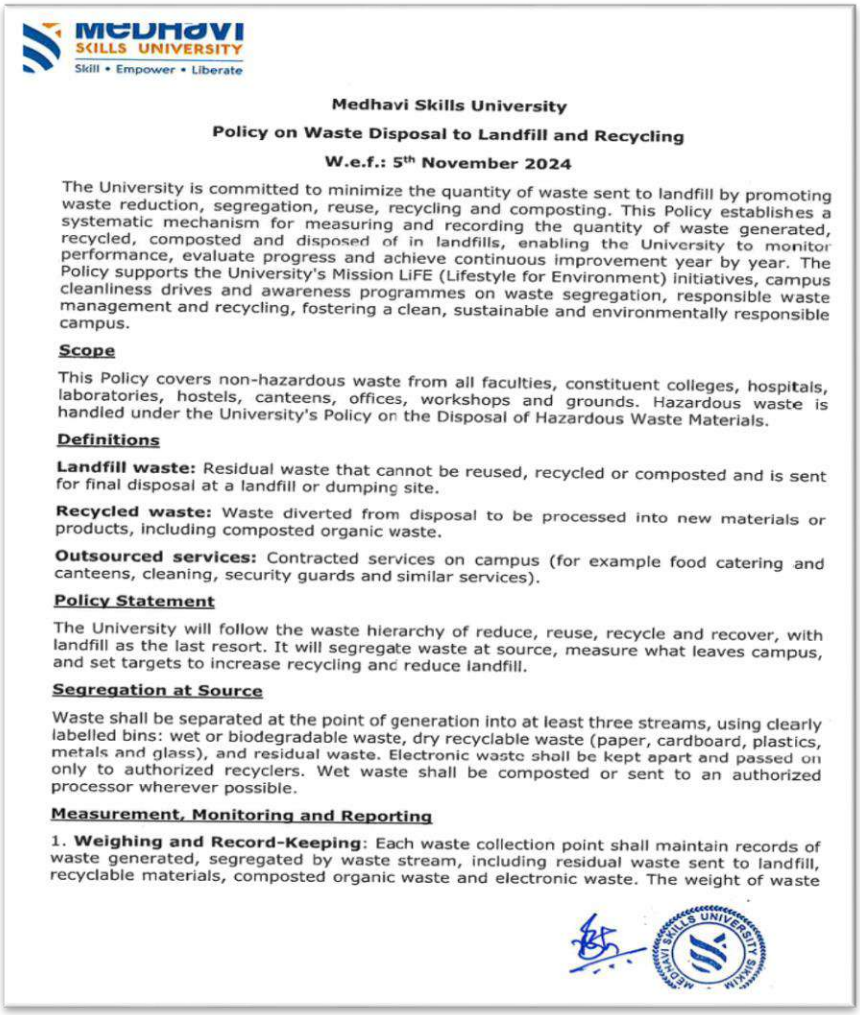
Periodic inspections may be conducted to identify gaps in segregation, storage, handling and disposal practices and to implement corrective measures. The University shall comply with applicable environmental legislation, relevant waste-management rules, pollution-control directions and conditions imposed by competent authorities.

Policy Review

This policy shall be reviewed every three years, or earlier if required, to ensure continued relevance, regulatory compliance and alignment with evolving environmental standards and sustainable waste-management practices.

Policy on Waste Disposal to Landfill and Recycling

Medhavi Skills University is committed to maintain a safe, healthy, and environmentally sustainable campus through its Waste Disposal and Hazardous Material Management Policy, effective 05 Nov 2024. The policy provides a comprehensive framework for the segregation, collection, storage, transportation, recycling, and disposal of solid, recyclable, electronic, biomedical, and hazardous waste. It emphasises compliance with environmental regulations, pollution prevention, and the adoption of sustainable waste management practices. The University ensures that hazardous materials are identified, handled, and disposed of safely to minimise risks to human health and the environment. Through awareness programmes, monitoring mechanisms, and responsible resource management, the policy promotes environmental stewardship and supports the University's commitment to sustainability and campus safety.



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Policy on Waste Disposal to Landfill and Recycling

W.e.f.: 5th November 2024

The University is committed to minimize the quantity of waste sent to landfill by promoting waste reduction, segregation, reuse, recycling and composting. This Policy establishes a systematic mechanism for measuring and recording the quantity of waste generated, recycled, composted and disposed of in landfills, enabling the University to monitor performance, evaluate progress and achieve continuous improvement year by year. The Policy supports the University's Mission LiFE (Lifestyle for Environment) initiatives, campus cleanliness drives and awareness programmes on waste segregation, responsible waste management and recycling, fostering a clean, sustainable and environmentally responsible campus.

Scope

This Policy covers non-hazardous waste from all faculties, constituent colleges, hospitals, laboratories, hostels, canteens, offices, workshops and grounds. Hazardous waste is handled under the University's Policy on the Disposal of Hazardous Waste Materials.

Definitions

Landfill waste: Residual waste that cannot be reused, recycled or composted and is sent for final disposal at a landfill or dumping site.

Recycled waste: Waste diverted from disposal to be processed into new materials or products, including composted organic waste.

Outsourced services: Contracted services on campus (for example food catering and canteens, cleaning, security guards and similar services).

Policy Statement

The University will follow the waste hierarchy of reduce, reuse, recycle and recover, with landfill as the last resort. It will segregate waste at source, measure what leaves campus, and set targets to increase recycling and reduce landfill.

Segregation at Source

Waste shall be separated at the point of generation into at least three streams, using clearly labelled bins: wet or biodegradable waste, dry recyclable waste (paper, cardboard, plastics, metals and glass), and residual waste. Electronic waste shall be kept apart and passed on only to authorized recyclers. Wet waste shall be composted or sent to an authorized processor wherever possible.

Measurement, Monitoring and Reporting

1. **Weighing and Record-Keeping**: Each waste collection point shall maintain records of waste generated, segregated by waste stream, including residual waste sent to landfill, recyclable materials, composted organic waste and electronic waste. The weight of waste

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shall be recorded at least monthly. Where direct weighing is not feasible, a documented and consistently applied volume-to-weight conversion method shall be used.

2. **Supporting Evidence**: Waste measurement records shall be supported by relevant documentary evidence, including weighbridge slips, waste collector receipts, authorised recycler certificates, composting records and other applicable disposal or transfer records.

3. **Performance Indicators**: The Maintenance Committee shall periodically assess waste management performance using the following indicators:

- Total waste generated during the reporting period.
- Total quantity of residual waste sent to landfill.
- Total quantity of waste recycled or composted.

Recycling and Composting Rate: The percentage of total waste generated that is recycled or composted.

Waste Generation per Person: The total quantity of waste generated divided by the number of persons covered during the reporting period, using a consistent and documented methodology.

4. **Reporting and Review**: All concerned units, departments and facilities shall submit waste management data and supporting evidence to the Maintenance Committee on a quarterly basis. The Committee shall consolidate and review the data, assess progress against established targets, identify areas for improvement and submit an annual waste management performance report to the Registrar office.

Targets

The first twelve months shall establish a baseline. The Committee shall then set annual targets to reduce landfill waste and raise the recycling rate and shall review them each year.

Extensions

This Policy extends to outsourced services and the supply chain. Contractors providing outsourced services on campus, such as food catering and canteens, cleaning and security, shall follow the University's segregation system, shall not mix segregated waste, and shall provide weight or volume data for the waste they generate or collect.

Waste requirements shall be written into service contracts, and cleaning contractors shall deliver waste only to the designated collection points and authorized handlers. Suppliers shall be encouraged to reduce packaging and to take back packaging and pallets where practicable. Contractors who do not comply shall be required to correct the shortcoming and, if it continues, may face penalties or termination of the contract.

Review

This Policy shall be reviewed at least once every three years, or earlier if required due to changes in applicable legislation, regulatory requirements, University operations or identified needs for improvement.

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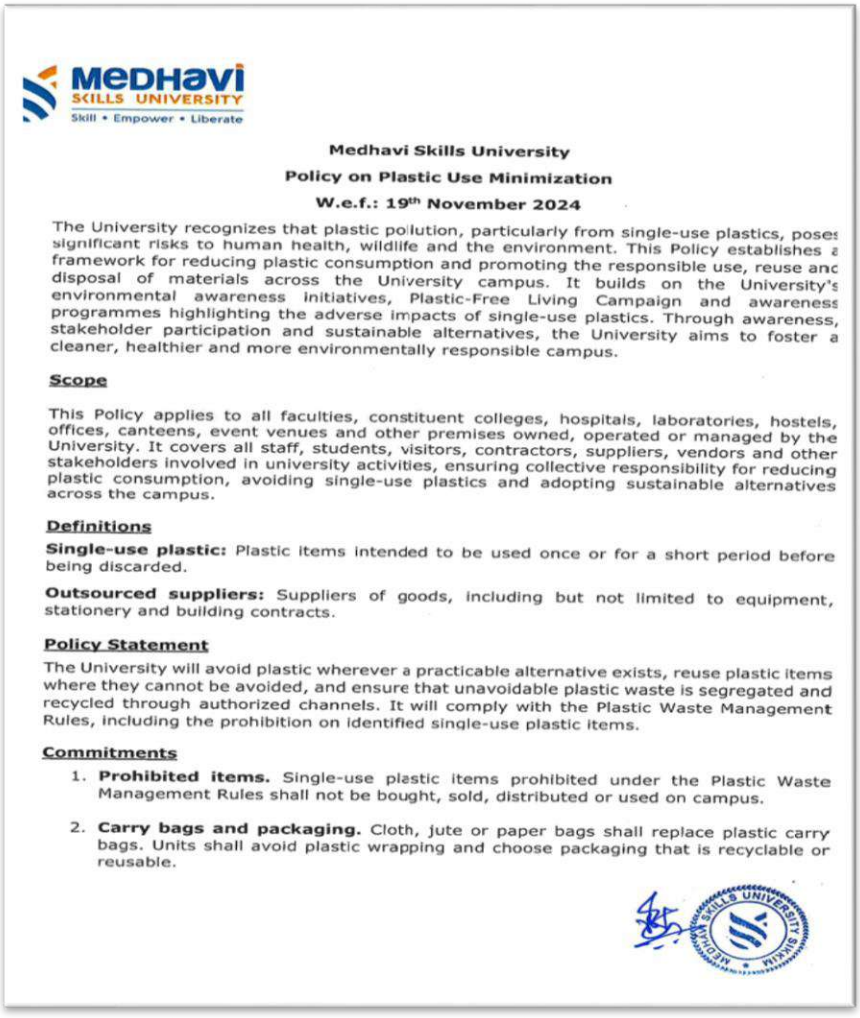
POLICY-ON-WASTE-DISPOSAL-TO-LANDFILL-and-RECYCLE.pdf



Policy on Plastic Use Minimization

Medhavi Skills University is committed to reduce plastic consumption and promoting sustainable alternatives through its Policy on Plastic Use Minimization, effective 19 November 2024. The policy aims to minimize the use of single-use plastics across campus by encouraging reusable, recyclable, and environmentally friendly alternatives. The University prohibits identified single-use plastic items, promotes cloth, jute, and paper-based substitutes, and supports responsible segregation and recycling of unavoidable plastic waste through authorized channels. Awareness campaigns, cleanliness drives, and stakeholder engagement initiatives further encourage plastic-free living. The policy also extends to suppliers and vendors, fostering sustainable procurement and responsible packaging practices throughout the University's supply chain.

POLICY-ON-PLASTIC-USE-MINIMIZATION.pdf



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Policy on Plastic Use Minimization

W.e.f.: 19th November 2024

The University recognizes that plastic pollution, particularly from single-use plastics, poses significant risks to human health, wildlife and the environment. This Policy establishes a framework for reducing plastic consumption and promoting the responsible use, reuse and disposal of materials across the University campus. It builds on the University's environmental awareness initiatives, Plastic-Free Living Campaign and awareness programmes highlighting the adverse impacts of single-use plastics. Through awareness, stakeholder participation and sustainable alternatives, the University aims to foster a cleaner, healthier and more environmentally responsible campus.

Scope

This Policy applies to all faculties, constituent colleges, hospitals, laboratories, hostels, offices, canteens, event venues and other premises owned, operated or managed by the University. It covers all staff, students, visitors, contractors, suppliers, vendors and other stakeholders involved in university activities, ensuring collective responsibility for reducing plastic consumption, avoiding single-use plastics and adopting sustainable alternatives across the campus.

Definitions

Single-use plastic: Plastic items intended to be used once or for a short period before being discarded.

Outsourced suppliers: Suppliers of goods, including but not limited to equipment, stationery and building contracts.

Policy Statement

The University will avoid plastic wherever a practicable alternative exists, reuse plastic items where they cannot be avoided, and ensure that unavoidable plastic waste is segregated and recycled through authorized channels. It will comply with the Plastic Waste Management Rules, including the prohibition on identified single-use plastic items.

Commitments

1. **Prohibited items.** Single-use plastic items prohibited under the Plastic Waste Management Rules shall not be bought, sold, distributed or used on campus.
2. **Carry bags and packaging.** Cloth, jute or paper bags shall replace plastic carry bags. Units shall avoid plastic wrapping and choose packaging that is recyclable or reusable.

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3. **Drinking water and food service.** The University shall promote refill points and personal water bottles. Canteens and hostel messes shall use reusable or non-plastic crockery, cutlery, cups and containers.

4. **Events and publicity.** Conferences, rallies, celebrations and campaigns shall avoid plastic flex, thermocol, plastic decorations and plastic giveaways, using cloth, paper or digital alternatives.

5. **Offices and stationery.** Departments shall prefer refillable pens, paper-based files and stationery with minimal plastic.

6. **Clinical and laboratory areas.** Plastic items essential for patient safety, infection control or laboratory work may continue to be used. Units shall avoid over-ordering, shall use reusable alternatives where acceptable, and shall dispose of such waste in accordance with the University's Policy on the Disposal of Hazardous Waste Materials.

7. **Segregation and recycling.** Unavoidable plastic waste shall be collected in dry-waste bins and passed to authorized recyclers, as described in the University's Policy on Waste Disposal to Landfill and Recycling.

8. **Awareness.** The University shall continue to run campaigns, cleanliness drives and student-led activities to encourage plastic-free living.

Monitoring

All University units shall maintain records of the procurement and use of key plastic items, including plastic bottles, bags, disposable tableware and plastic packaging. The Maintenance Committee shall consolidate and review these records, compare annual consumption against the baseline established during the first year of implementation, and assess progress in reducing plastic use across the University. The Committee shall prepare an annual monitoring report highlighting achievements, areas requiring improvement and recommendations for further reduction, and submit it to the Registrar office for review and appropriate action.

Plastic Minimisation Across Suppliers and the Supply Chain

The University shall extend its plastic minimisation efforts to outsourced suppliers, vendors, contractors and other stakeholders involved in its supply chain, including those supplying equipment, stationery, building materials and other goods and services. Suppliers shall be encouraged and, where contractually applicable, required to minimise plastic content in their products and packaging, avoid prohibited single-use plastic items, and adopt recycled,



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recyclable or reusable packaging wherever practicable. Where feasible, suppliers shall also be requested to collect and take back packaging materials for reuse or appropriate recycling.

Review

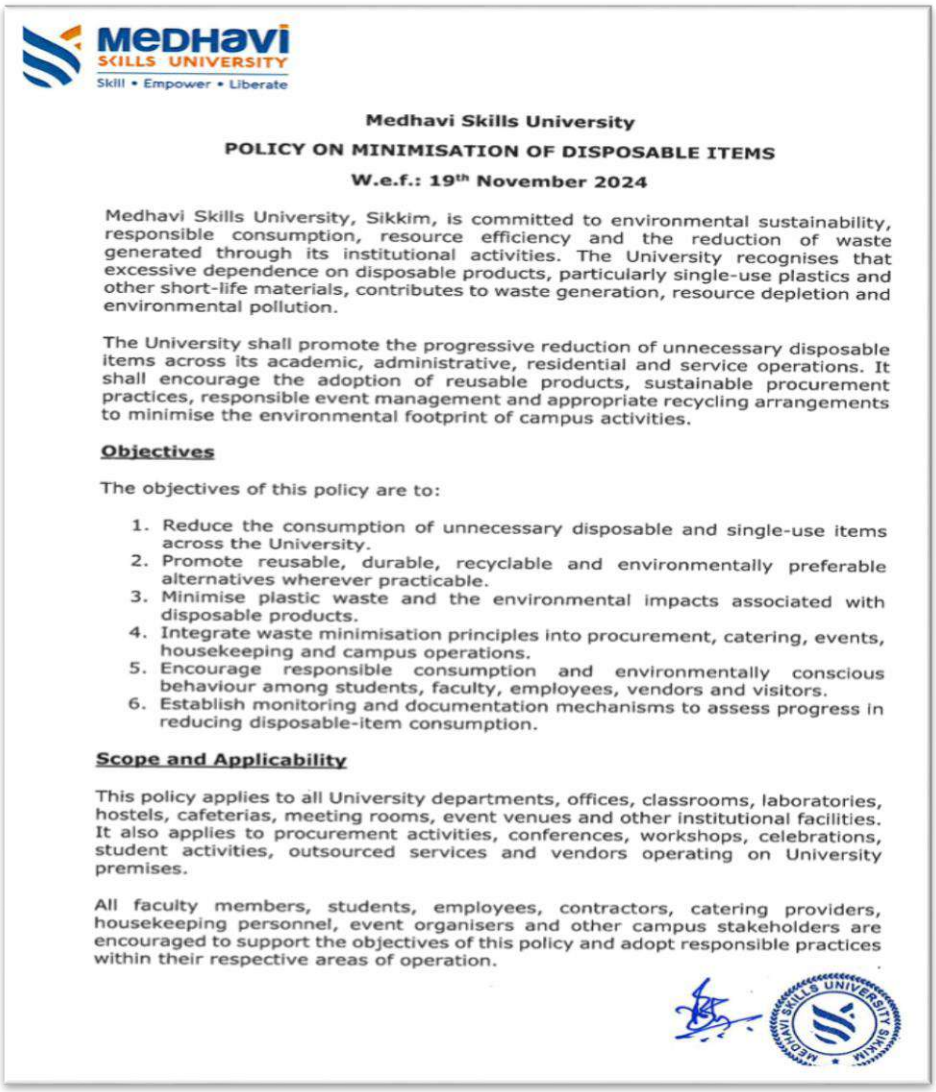
This Policy shall be reviewed at least once every three years, or earlier if required due to changes in applicable legislation, regulatory requirements, University operations or identified opportunities for improvement.



Policy on Minimisation of Disposable Items

Medhavi Skills University is committed to environmental sustainability, responsible consumption, and waste reduction through its Policy on Minimisation of Disposable Items, effective 19 November 2024. The policy promotes the progressive reduction of single-use and disposable products across academic, administrative, residential, and service operations by encouraging the use of reusable, durable, and environmentally preferable alternatives. The University integrates waste-minimisation principles into procurement, catering, campus events, and daily operations, while promoting responsible consumption among students, faculty, staff, vendors, and visitors. Through awareness initiatives, sustainable procurement practices, waste segregation, and recycling measures, the University seeks to reduce its environmental footprint and support resource-efficient campus operations.

POLICY-ON-MINIMIZATION-OF-DISPOSABLE-ITEMS.pdf



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POLICY ON MINIMISATION OF DISPOSABLE ITEMS

W.e.f.: 19th November 2024

Medhavi Skills University, Sikkim, is committed to environmental sustainability, responsible consumption, resource efficiency and the reduction of waste generated through its institutional activities. The University recognises that excessive dependence on disposable products, particularly single-use plastics and other short-life materials, contributes to waste generation, resource depletion and environmental pollution.

The University shall promote the progressive reduction of unnecessary disposable items across its academic, administrative, residential and service operations. It shall encourage the adoption of reusable products, sustainable procurement practices, responsible event management and appropriate recycling arrangements to minimise the environmental footprint of campus activities.

Objectives

The objectives of this policy are to:

1. Reduce the consumption of unnecessary disposable and single-use items across the University.
2. Promote reusable, durable, recyclable and environmentally preferable alternatives wherever practicable.
3. Minimise plastic waste and the environmental impacts associated with disposable products.
4. Integrate waste minimisation principles into procurement, catering, events, housekeeping and campus operations.
5. Encourage responsible consumption and environmentally conscious behaviour among students, faculty, employees, vendors and visitors.
6. Establish monitoring and documentation mechanisms to assess progress in reducing disposable-item consumption.

Scope and Applicability

This policy applies to all University departments, offices, classrooms, laboratories, hostels, cafeterias, meeting rooms, event venues and other institutional facilities. It also applies to procurement activities, conferences, workshops, celebrations, student activities, outsourced services and vendors operating on University premises.

All faculty members, students, employees, contractors, catering providers, housekeeping personnel, event organisers and other campus stakeholders are encouraged to support the objectives of this policy and adopt responsible practices within their respective areas of operation.

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Policy Provisions

Reduction of Single-Use Items

The University shall discourage the unnecessary use of disposable cups, plates, cutlery, straws, plastic bags, water bottles, food containers and other short-life products in its offices, cafeterias, hostels, meetings and campus events.

Departments and service providers shall identify opportunities to eliminate avoidable disposable items and adopt practical alternatives. Applicable legal restrictions on identified single-use plastic products shall be observed.

Promotion of Reusable Alternatives

The University shall encourage the use of durable and reusable materials, including stainless-steel utensils, reusable cups, refillable water bottles, washable serving equipment and reusable food containers.

Cafeterias, food-service providers and event organisers shall be encouraged to use reusable serving materials wherever feasible, subject to hygiene, food safety and operational requirements. Water dispensers and refill stations may be promoted where suitable infrastructure is available.

Sustainable Procurement Practices

Procurement decisions shall consider product durability, reusability, packaging requirements, recyclability and environmental impact, wherever practicable and consistent with applicable procurement procedures.

Departments shall be encouraged to avoid unnecessary purchases of disposable products and prefer reusable alternatives for routine institutional activities. Vendors and suppliers may be encouraged to minimise excessive packaging, avoid avoidable single-use materials and offer environmentally preferable products.

Sustainable Events and Meetings

The University shall promote responsible resource use during seminars, conferences, workshops, meetings, cultural programmes, celebrations and other institutional events.

Event organisers shall, wherever practicable:

- Use digital invitations, registration systems, notices and event materials to reduce paper consumption.
- Provide reusable cups, plates and cutlery instead of disposable serving items.
- Use water dispensers or refill facilities instead of routinely distributing single-use water bottles.
- Avoid unnecessary disposable decorations, packaging and promotional materials.

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- Arrange appropriate segregation and collection of waste generated during events.

These measures shall be implemented according to event requirements, hygiene considerations and the availability of suitable facilities.

Responsible Catering and Campus Services

Cafeterias, hostels, catering contractors and other campus service providers shall be encouraged to minimise disposable packaging and serving materials. Preference should be given to reusable food-service equipment and appropriate bulk-serving arrangements wherever feasible.

The University shall encourage service providers to review their consumption of disposable products periodically and identify practical measures for reducing unnecessary use. Hygiene, food safety and applicable health regulations shall remain essential considerations.

Waste Segregation and Recycling

Disposable items that cannot reasonably be eliminated shall be managed responsibly. The University shall encourage segregation of waste at source and ensure that recyclable materials are directed to appropriate collection and recycling channels, where available.

Disposable products shall not be littered, openly burned or disposed of in a manner that causes environmental pollution. Procurement and operational decisions should prioritise waste prevention over reliance on end-of-life disposal alone.

Awareness and Stakeholder Participation

The University shall promote awareness of the environmental impacts of disposable products through orientation programmes, notices, posters, digital communications, workshops and campus campaigns.

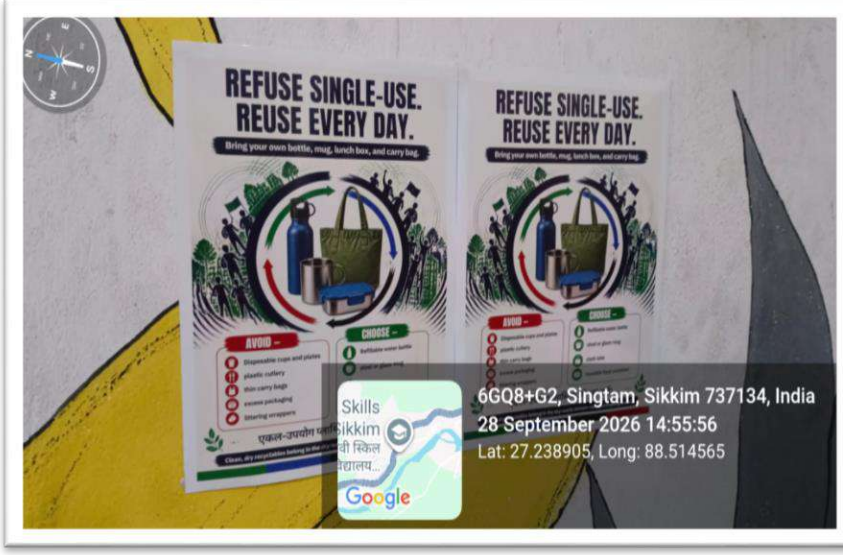
Students, faculty, employees, vendors and visitors shall be encouraged to carry reusable bottles, avoid unnecessary disposable products and participate in waste-reduction initiatives. Departments and student groups may support periodic campaigns to promote responsible consumption and a cleaner campus environment.

Roles and Responsibilities

The University administration, through its designated environmental or sustainability committee or officer, shall coordinate implementation, promote awareness and periodically review progress.

Heads of departments shall encourage compliance within their respective units. Procurement personnel shall consider opportunities to reduce disposable-item purchases, while cafeteria operators, hostel managers, event organisers and outsourced service providers shall adopt appropriate waste-minimisation

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Minimisation of disposable items extended to outsourced Services and supply chain

Medhavi Skills University is committed to reduce waste and promoting sustainable consumption practices beyond its campus operations through its Policy on Minimisation of Disposable Items Extended to Outsourced Services and Supply Chain, effective 26 November 2024. The policy requires outsourced service providers, vendors, contractors, and supply-chain partners to minimize the use of single-use and disposable items and adopt reusable, recyclable, biodegradable, and environmentally responsible alternatives wherever feasible. Partners are encouraged to reduce excessive packaging, improve resource efficiency, and align their operations with the University's sustainability goals. Through sustainable procurement practices, stakeholder engagement, and continuous monitoring, the University extends its commitment to waste reduction and responsible consumption across its entire value chain, supporting SDG 12: Responsible Consumption and Production.

MINIMIZATION-OF-DISPOSABLE-ITEMS-EXTENDED-TO-OUTSOURCED-AND-SUPPLYCHAIN.pdf



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Minimisation of disposable items extended to outsourced services and supply chain

W.e.f.: 26th November 2024

Medhavi Skills University is committed to promote environmental sustainability, responsible service delivery, and the efficient use of resources across its institutional operations. The University acknowledges that service-related activities, including catering, housekeeping, maintenance, event management, transportation, healthcare support, and outsourced services, may involve the consumption of disposable products and materials, contributing to waste generation and adverse environmental impacts. Accordingly, the University seeks to encourage sustainable service practices, minimise the use of single-use items, and promote environmentally responsible alternatives across its campus and service operations.

This Policy extends the University's commitment to minimizing disposable items in service-based operations, ensuring that sustainability principles are integrated into all internal and outsourced services across the University.

Purpose

The purpose of this Policy is to regulate and minimize the use of disposable items in all service-related activities of the University by promoting reusable, durable, and environmentally sustainable alternatives while maintaining efficiency, hygiene, and service quality.

Scope and Applicability

This Policy applies to:

- All service units operating within the University, including cafeterias, housekeeping, maintenance, transportation, hostels, health services, and event management.
- All outsourced service providers, contractors, vendors, and agencies.
- All University-organized programs, conferences, workshops, seminars, and events involving service delivery.
- Students, faculty, staff members, support personnel, visitors, and other stakeholders utilizing University services.

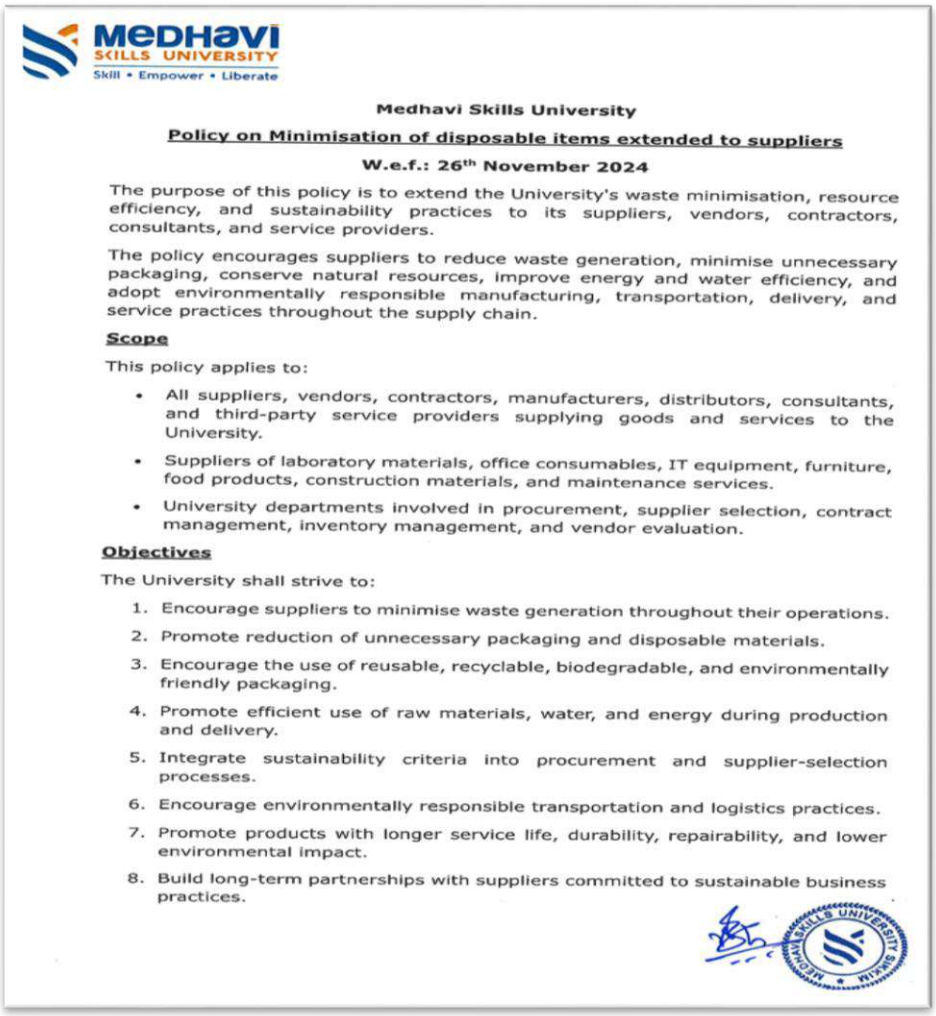
Policy Statement

The University adopts a disposable-item minimization approach in all service operations to reduce waste generation, prevent unnecessary consumption, and promote environmentally responsible practices across the campus.

Policy on Minimisation of disposable items Extended to Suppliers

Medhavi Skills University is committed to promote sustainable procurement and responsible supply-chain practices through its Policy on Minimisation of Disposable Items Extended to Suppliers, effective 26 November 2024. The policy encourages suppliers, vendors, contractors, and service providers to reduce waste generation, minimise unnecessary packaging, eliminate avoidable single-use materials, and improve resource efficiency throughout their operations. Suppliers are encouraged to adopt reusable, recyclable, biodegradable, and environmentally responsible packaging solutions, while promoting energy efficiency, water conservation, and sustainable transportation practices. Environmental performance and compliance with sustainability expectations may be considered during supplier evaluation and contract renewal. Through this policy, the University strengthens its commitment to responsible procurement, waste reduction, and the achievement of SDG 12: Responsible Consumption and Production.

MINIMIZATION-OF-DISPOSABLE-ITEMS.pdf



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Policy on Minimisation of disposable items extended to suppliers

W.e.f.: 26th November 2024

The purpose of this policy is to extend the University's waste minimisation, resource efficiency, and sustainability practices to its suppliers, vendors, contractors, consultants, and service providers.

The policy encourages suppliers to reduce waste generation, minimise unnecessary packaging, conserve natural resources, improve energy and water efficiency, and adopt environmentally responsible manufacturing, transportation, delivery, and service practices throughout the supply chain.

Scope

This policy applies to:

- All suppliers, vendors, contractors, manufacturers, distributors, consultants, and third-party service providers supplying goods and services to the University.
- Suppliers of laboratory materials, office consumables, IT equipment, furniture, food products, construction materials, and maintenance services.
- University departments involved in procurement, supplier selection, contract management, inventory management, and vendor evaluation.

Objectives

The University shall strive to:

1. Encourage suppliers to minimise waste generation throughout their operations.
2. Promote reduction of unnecessary packaging and disposable materials.
3. Encourage the use of reusable, recyclable, biodegradable, and environmentally friendly packaging.
4. Promote efficient use of raw materials, water, and energy during production and delivery.
5. Integrate sustainability criteria into procurement and supplier-selection processes.
6. Encourage environmentally responsible transportation and logistics practices.
7. Promote products with longer service life, durability, repairability, and lower environmental impact.
8. Build long-term partnerships with suppliers committed to sustainable business practices.

Waste Tracking

Medhavi Skills University (MSU), Sikkim, recognises solid waste management as an important component of its environmental sustainability practices. As part of its environmental performance assessment, the University undertook a Green Audit covering the period from August 2025 to July 2026. The audit assessed waste generation, existing waste management practices and opportunities for improving resource efficiency across campus operations.

According to the Green Audit Report, October 2026, MSU generated a total of 13.58 metric tonnes of solid waste during the assessment period. The waste comprised municipal solid waste, food waste and electronic waste (e-waste). The report provides a quantitative baseline for monitoring the University's waste generation and identifying opportunities to improve segregation, recycling and responsible disposal.

The University has implemented a two-bin waste segregation system to support the separation of waste at source. It has also established contractual arrangements for the management of solid, liquid, hazardous and electronic waste. These measures provide a foundation for systematic waste tracking and environmentally responsible waste handling.

Table 1. Total Waste Generated During 2025–26

S. No.	Category of waste	Quantity (kg)	Quantity (metric tonnes)	Tracking Method
1	Municipal solid waste	4,200	4.2	Periodic waste records
2	Food waste	8,400	8.4	Waste generation records
3	Electronic waste (e-waste)	980	0.98	Records of transfer to authorized recyclers
Total	All reported waste categories	**13,580**	**13.58**	**Consolidated waste monitoring**

The data show that food waste made up the largest share of the University's reported solid waste, followed by municipal solid waste and e-waste. This breakdown can help the University prioritise waste reduction, segregation, and recovery measures based on the quantities generated in each category.



4.4 Solid Waste Management

The university generated 13,580 kg of solid waste during the assessment period, comprising municipal solid waste, food waste and e-waste. E-waste accounted for 980 kg, representing approximately 7.22% of total waste generation, and was transferred to authorised recyclers.

Waste Type	Annual Quantity
Municipal Solid Waste	4,200 kg
Food waste	8,400 kg
E-waste	980 kg

Table 2. Waste Tracking and Management Practices

S. No.	Tracking and management area	Existing practice documented in the Green Audit	Importance for sustainability
1	Waste generation monitoring	Total waste generation and category-wise quantities are reported in the Green Audit.	Establishes a baseline for measuring waste reduction.
2	Waste segregation	A two-bin waste segregation system is used on campus.	Supports the separation of waste at source.
3	Municipal solid waste	Annual generation reported as 4.20 metric tonnes.	Enables monitoring of general campus waste.
4	Food waste	Annual generation reported as 8.40 metric tonnes.	Helps identify opportunities for food waste prevention and recovery.
5	Electronic waste	Annual generation reported as 0.98 metric tonnes.	Supports appropriate collection and authorized handling of electronic waste.
6	Waste management arrangements	Contractual arrangements cover solid, liquid, hazardous and electronic waste management.	Supports organized waste collection, handling and disposal.
7	Waste collection and disposal records	The audit recommends strengthening records of waste collection, recycling and disposal.	Improves traceability and the accuracy of sustainability reporting.

Proportion of Waste Recycled

During the assessment period, Medhavi Skills University generated a total of 13.58 metric tonnes (MT) of solid waste, comprising municipal solid waste, food waste, and e-waste. of this, 0.98 MT of e-waste was collected and transferred to authorized recyclers, representing 7.22% of the total waste generated.

This demonstrates the University's commitment to responsible waste management, resource recovery, and environmental sustainability. Further improvements in waste segregation, recycling partnerships, and food waste composting can enhance the overall waste diversion rate.

Waste Recycling Performance

Particulars	Quantity (kg)	Metric Ton
Total Waste Generated	13,580	13.58 MT
E-waste Recycled through Authorized Recyclers	980	0.98 MT
Proportion of Waste Recycled	7.22%	7.22%

Calculation of the Documented E-Waste Transfer Proportion

Proportion of Waste Recycled (%) = (Waste Recycled ÷ Total Waste Generated) × 100

= (980 ÷ 13,580) × 100

= 7.22%

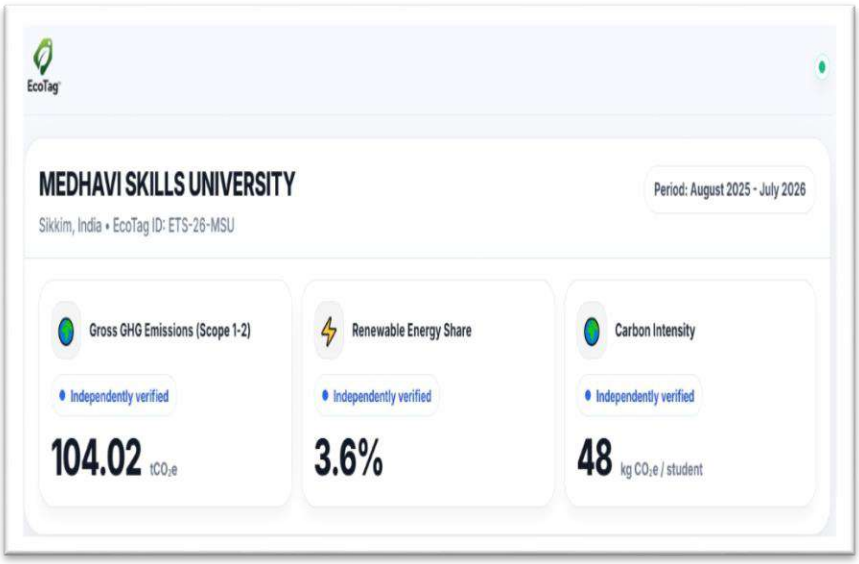
EcoTag Sustainability Disclosure Dashboard

Medhavi Skills University (MSU), Sikkim, has made its environmental sustainability indicators available through the EcoTag sustainability disclosure platform. The dashboard provides a consolidated view of the University's environmental performance for the reporting period August 2025 to July 2026. It presents key indicators relating to climate impact, renewable energy and carbon intensity, supporting the University's efforts to monitor its environmental footprint and promote transparency in sustainability reporting.

As displayed on the EcoTag dashboard, MSU's gross greenhouse gas emissions under Scope 1 and Scope 2 were 104.02 tonnes of carbon dioxide equivalent (tCO_2e). The dashboard also reports a renewable energy share of 3.6%, reflecting the contribution of renewable energy to the University's energy profile. The reported carbon intensity is 48 kg CO_2e per student, providing a student-normalised indicator of the University's greenhouse gas emissions.

The dashboard marks these three indicators as independently verified, providing an additional layer of assurance regarding the reported sustainability information. The disclosure supports environmental performance monitoring and provides a reference point for identifying opportunities to improve energy efficiency, increase renewable energy utilisation and reduce greenhouse gas emissions.

EcoTag – Sustainability Disclosure Platform



Bio Medical Waste Disposal

Medhavi Skills University is committed to the safe and environmentally responsible management of biomedical waste generated through its healthcare and medical facilities. The University follows the provisions of the Bio-Medical Waste Management Rules, 2016 and ensures that biomedical waste is segregated, collected, stored, transported, and disposed of through authorized channels to safeguard public health and the environment.

The University has obtained an official clearance from the Health & Family Welfare Department, Government of Sikkim, authorizing the disposal of Yellow Category Bio-Medical Waste at the District Hospital Singtam for incineration in accordance with applicable biomedical waste management regulations.

The authorization confirms that biomedical waste generated by the University's healthcare facilities is handled through an approved treatment and disposal system, ensuring compliance with regulatory requirements and environmental standards.

Biomedical waste is segregated at the point of generation using prescribed color-coded containers and is managed according to established safety protocols. Regular monitoring and proper documentation are maintained to ensure safe disposal practices and prevent risks to human health and the environment. Through these measures, the University demonstrates its commitment to responsible healthcare waste management and environmental sustainability.

The clearance certificate issued by the Health & Family Welfare Department, Government of Sikkim authorizes Medhavi Skills University to dispose of its Yellow Category biomedical waste through incineration at District Hospital Singtam, with validity effective from 16 December 2025.

GOVERNMENT OF SKIIKIM
HEALTH CARE, HUMAN SERVICE & F/W DEPTT.
SINGTAM EAST SIKKIM

MEMO NO:.18/.SU/DHS.

Clearance Certificate for Bio-Medical Waste (Yellow Category) Disposal at District Hospital Singtam under Bio-Medical Waste Management Rules, 2016

This is to certify that Medhavi Skill University ..... proprietor of the clinic Medhavi University .....has been authorised to dispose of their yellow category bio-medical waste for incineration at District Hospital Singtam, as per the Bio-Medical Waste Management Rules, 2016, vide notification no: 60/H&FW Deptt. dated 13/02/2024. Rs. 20,000/-

This clearance is valid for the year 31 March 27 ..... with effect from ..16/12/2025

DATE OF ISSUE : 16/12/2025

AD Sanitation
District Hospital Singtam
Health and Family Welfare Department

Assistant Director
Health & Family Welfare Deptt
Government of Sikkim

Waste Management Agreement

Medhavi Skills University has entered into a Waste Management Agreement with GNS Builders for the comprehensive management of campus waste streams. Under the agreement, GNS Builders is responsible for the collection, segregation, storage, transportation, treatment, and environmentally compliant disposal of solid waste, liquid waste, hazardous waste, and e-waste generated on campus. The partnership ensures adherence to applicable environmental regulations and promotes sustainable waste management practices through authorized recycling, treatment, and disposal mechanisms.

Waste Management Agreement

Between Medhavi Skills University and GNS Builders

GNS Builders shall take full responsibility for all required Waste Management Protocols covering Solid, Liquid, Hazardous, and E-Waste

1. Parties

- **Medhavi Skills University** (hereinafter "MSU" or "the University") — the waste generator
- **GNS Builders** (hereinafter "the Contractor") — the waste management service provider

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2. Term / Duration of the Agreement

2.1 This Agreement shall be effective for a period of **five (5) years**, commencing on **1st August 2023** and continuing until **31st July 2028**, unless terminated earlier in accordance with the provisions herein.

2.2 The Agreement may be renewed for a further term upon mutual written consent of both Parties, subject to satisfactory performance by GNS and compliance with all applicable laws in force at the time of renewal.

2.3 Either Party may terminate this Agreement by providing **ninety (90) days' prior written notice** to the other Party, without assigning any reason. However, termination for cause (non-compliance, fraud, regulatory action) may be affected immediately as per Clause 4.6.

2.4 Upon expiration or termination, GNS shall:

- Complete all pending waste transfers and disposals
- Hand over all records, manifests, and compliance documents to MSU
- Ensure no waste is left unmanaged on MSU premises
- Provide a final compliance report within 30 days of termination

3. Scope of Responsibility

GNS Builders shall assume **full responsibility** for the collection, segregation, storage, transportation, treatment, and final disposal of all waste streams generated at MSU premises, in compliance with applicable Indian environmental laws.

Waste Type	Governing Regulation	GNS Core Obligations
Solid Waste	Solid Waste Management Rules, 2016	Segregate into biodegradable, non-biodegradable, and domestic hazardous waste streams
Liquid Waste	Water (Prevention & Control of Pollution) Act, 1974; CPCB/SPCB norms	Treat and dispose of sewage, effluent, and laboratory liquid waste; operate/maintain STP/ETP; meet discharge standards
Hazardous Waste	Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016	Identify per Schedule I/II/III; hand over only to authorized treatment, storage & disposal facilities (TSDF); maintain manifest records
E-Waste	E-Waste (Management) Rules, 2022	Transfer only to **CPCB-registered** recyclers/dismantlers; no transaction with unregistered entities

4. Key Legal Considerations

4.1 Contractual Transfer vs. Statutory Liability

MSU, as the waste generator, **cannot fully transfer its statutory compliance obligations** through outsourcing. The Agreement must:

- Set GNS's performance standard at CPCB/SPCB requirements or higher
- Require GNS to provide compliance evidence (authorized disposal receipts, recycling certificates, manifests)
- Preserve MSU's right to audit and inspect

4.2 Construction & Demolition (C&D) Waste Threshold

If MSU's campus construction generates **≥20 tonnes/day or ≥300 tonnes/month** of C&D waste:

- GNS **must submit a Waste Management Plan** to the local authority **before commencement** of work
- Approval must be obtained prior to generation
- MSU retains the right to review and approve the plan

4.3 E-Waste "Bulk Consumer" Status

If MSU uses **at least 1,000 units** of Schedule I electronic equipment in any financial year, it qualifies as a **Bulk Consumer** under E-Waste Rules, 2022. GNS must:

- Ensure all e-waste flows only to **CPCB-registered** recyclers
- Provide registration proof for every transfer
- Maintain records of e-waste generated, stored, and transferred

4.4 Liquid Waste — Specific Requirements

- GNS must operate and maintain Sewage Treatment Plants (STP) and/or Effluent Treatment Plants (ETP) where applicable
- Treated water must meet CPCB/SPCB discharge standards
- Sludge from STP/ETP must be disposed of as per Solid Waste Management Rules
- Laboratory liquid waste (chemicals, solvents) must be handled as hazardous waste, not discharged into drains

4.5 Hazardous Waste — Absolute Prohibitions

- **No mixing** of hazardous waste with solid waste or liquid waste streams
- GNS must have access to (or tie-ups with) **authorized TSDF** facilities
- Even if MSU's campus generates minimal hazardous waste, the Agreement must cover:
    - Laboratory chemicals and reagents
    - Waste batteries
    - Waste fluorescent lamps and mercury-containing equipment
    - Waste oil and grease
- Every hazardous waste transfer requires a **Form 10 manifest** (or as prescribed)

5. Recommended Clauses

5.1 Compliance Representation

GNS represents and warrants that it possesses all requisite licenses, authorizations, and disposal channel arrangements to perform the Services in compliance with all applicable environmental laws, and shall maintain such qualifications throughout the term of this Agreement (1st August 2023 to 31st July 2028).

5.2 Reporting Obligations

GNS shall submit to MSU, on a monthly/quarterly basis:

- Waste segregation and quantity data
- Copies of all manifests, transfer receipts, and disposal certificates
- Compliance status reports for STP/ETP operations
- Any notices or directions received from regulatory authorities

5.3 Audit Rights

MSU reserves the right to conduct compliance audits of GNS's waste management operations, including site inspections, record reviews, and verification of disposal endpoints, at any time during the term of this Agreement.

5.4 Breach & Indemnity

If GNS's non-compliance results in regulatory penalties, environmental damage, or third-party claims against MSU, GNS shall:

- Bear full responsibility for such penalties and claims
- Indemnify and hold MSU harmless
- Remediate any environmental damage at its own cost

5.5 Regulatory Change

Upon any amendment to applicable environmental laws during the term (1st August 2023 – 31st July 2028), GNS shall adjust its operations to comply with the new requirements **within 30 days** of such change coming into force, at no additional cost to MSU unless mutually agreed.

5.6 Termination for Non-Compliance

MSU may terminate the Agreement immediately if GNS:

- Fails to maintain required authorizations
- Is found disposing of waste through unauthorized channels
- Receives a regulatory direction for environmental non-compliance

5.7 Performance Review

MSU shall conduct an annual performance review of GNS's services. Failure to meet agreed performance standards in two consecutive reviews shall constitute grounds for termination.

6. Pre-Signing Due Diligence Checklist

Before executing the Agreement, MSU should verify:

- GNS's waste management licenses and registrations
- GNS's tie-ups with authorized TSDFs, recyclers, and dismantlers
- GNS's track record with SPCB/CPCB compliance
- GNS's insurance coverage for environmental liability
- Written confirmation of disposal endpoints for each waste stream
- C&D Waste Management Plan (if applicable)
- STP/ETP operation & maintenance credentials (if applicable)

7. Summary

GNS Builders can contractually assume full operational responsibility for all four waste streams — Solid, Liquid, Hazardous, and E-Waste — for a five-year term from 1st August 2023 to 31st July 2028, but MSU's statutory liability as the waste generator remains intact. The Agreement should therefore:

1. Impose clear, enforceable obligations on GNS
2. Require documentary proof of compliant disposal
3. Preserve MSU's audit and termination rights
4. Include robust indemnity provisions
5. Define a fixed 5-year term with renewal and termination mechanisms

This structure ensures that GNS bears the practical and financial burden of compliance, while MSU retains legal protection and oversight throughout the contract period.

8. Execution

Signed on this 1st day of August, 2023

For and on behalf of
Medhavi Skills
University

Name: Om Prakash Chouhan

Designation: Sr. Manager

Signature: 

Date: 1st August 2023

For and on behalf of
GNS Builders

Name: Sandip Gurung

Designation: Manager

Signature: 

Date: 1st August 2023

"What we consume today shapes the world we inherit tomorrow. Medhavi Skills University encourages conscious choices, responsible resource use, waste reduction, and sustainable practices, empowering students to become thoughtful professionals and responsible citizens of a resource-conscious world."

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