



**D. Y. PATIL
EDUCATION SOCIETY
DEEMED TO BE UNIVERSITY**

KOLHAPUR

NAAC with 'A⁺⁺' Grade in 3rd Cycle

Diamond: QS I-GAUGE Indian University Ratings

Policy for Waste Recycling-



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**D. Y. PATIL EDUCATION SOCIETY (DEEMED TO BE UNIVERSITY),
KOLHAPUR**

Policy for Waste Recycling – Solid Waste and Liquid Waste

Effective Date: 25/05/2025

Approved By: University Council

Review Date: Not later than 3 years

1. Purpose

This policy establishes guidelines for the effective management and recycling of both solid and liquid waste generated within the University's academic buildings and the associated hospital. Its purpose is to:

- Reduce environmental impact through systematic recycling and proper disposal.
 - Enhance sustainability practices across campus facilities.
 - Ensure compliance with local, state, and national waste management regulations.
 - Promote awareness and active participation among all University stakeholders.
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2. Scope

This policy applies to all solid and liquid waste generated in:

- **Academic Buildings:** Classrooms, offices, laboratories, libraries, common areas, and workshops.
- **Hospital Facilities:** Patient care areas, diagnostic labs, administrative offices, and common areas.

It covers all waste recycling activities, including waste segregation, collection, processing, and disposal, and is applicable to university employees, students, hospital staff, patients, and visitors.

3. Definitions

- **Solid Waste:** Non-liquid waste materials such as paper, plastic, metals, glass, food waste, and general refuse generated in academic and hospital settings.
- **Liquid Waste:** Waste in liquid form including laboratory chemicals, medical fluids, and other effluents arising from day-to-day operations within academic and hospital environments.
- **Recycling:** The process of converting waste materials into reusable materials to prevent waste of potentially useful resources.

- **Segregation:** The separation of waste into different categories (e.g., recyclable, hazardous, general) at the source to streamline recycling and disposal processes.
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4. Policy Guidelines

4.1 Solid Waste Recycling

- **Waste Segregation:**
 - **At Source:** All academic and hospital areas shall have clearly labelled bins for recyclables (paper, plastic, metal, glass) and non-recyclables.
 - **Hazardous Waste:** Items such as expired chemicals or contaminated materials must be collected in designated hazardous waste containers.
 - **Composting:** Use of appropriate garden waste for preparing compost will be implemented.
 - **Training:** Regular training sessions shall be held to educate staff and students on proper segregation practices.
- **Collection and Processing:**
 - **Scheduled Collection:** Waste collection services will adhere to a clearly defined schedule to prevent overflow or contamination.
 - **Contracted Recycling Vendors:** The University will engage with certified recycling service providers to handle and process recyclable materials.
- **Monitoring and Reporting:**
 - **Training:** Stakeholders in all areas generating waste will be trained to optimise the waste management processes
 - **Audits:** Periodic waste audits will be conducted to identify gaps and improve practices.

4.2 Liquid Waste Recycling

- **Segregation and Storage:**
 - **Laboratory and Medical Effluents:** Specific containment measures shall be in place for chemicals and biomedical liquids with proper labelling and storage before disposal.
 - **Non-Hazardous Liquid Waste:** Where possible, collect non-hazardous liquid waste for recycling or proper treatment.
 - **Treatment Facilities:**
 - **On-Site Treatment:** Where feasible, the University will install Sewage Treatment Plants and Effluent Treatment Plants to neutralize harmful contaminants, and recycle water.
 - **Partnerships:** Engage specialized waste treatment service providers to manage complex or hazardous liquid waste.
 - **Compliance and Monitoring:**
 - **Regulatory Standards:** Ensure that all treatment processes meet local environmental regulations and hospital standards.
 - **Regular Inspections:** A designated person will monitor liquid waste management systems and inspect treatment facilities for compliance.
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5. Responsibilities

- **University Administration:**
 - Provide necessary resources and policy oversight.
 - Ensure regular review and updates to the policy in response to changing regulatory standards and environmental needs.
 - Oversee implementation and coordinate with academic buildings and hospital management.
 - Organize training sessions, waste audits, and report
 - Liaise with external vendors and regulatory authorities.
 - **Department Heads and Facility Managers:**
 - Ensure proper segregation and timely collection of waste within their areas.
 - Facilitate local awareness initiatives and provide feedback on the implementation of recycling practices.
 - **Employees, Students, and Hospital Staff:**
 - Adhere to waste segregation guidelines and participate in recycling initiatives.
 - Report any non-compliance or operational issues to appropriate administrators.
 - **Hospital Management:**
 - Implement additional measures for medical waste and liquid waste generated in the hospital environment.
 - Ensure that all hospital-specific waste management practices comply with health, safety, and environmental regulations.
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6. Implementation and Training

- **Communication:**
 - This policy will be disseminated through internal communications, University websites, and posted on notice boards.
 - **Training Programs:**
 - Regular training and workshops will be conducted for all stakeholders to ensure compliance with proper waste segregation and recycling procedures.
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7. Evaluation, and Policy Review

- **Evaluation:**
 - Annual evaluations will be conducted to assess the effectiveness of the recycling program and identify areas for improvement.
 - **Policy Review:**
 - This policy will be reviewed every three years or sooner, based on evolving environmental practices, regulatory updates, or operational feedback.
 - **Continuous Improvement:**
 - Feedback from stakeholders will be incorporated into successive versions of the policy to promote ongoing improvements in waste management practices.
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Registrar

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