

Policy on Recycling and Reduce waste on campus:

Centurion University is committed to reducing its environmental impacts through effective waste management and aims to divert at least 90% of waste from landfill. The purpose of this policy is to enable the university to honour its commitment to manage waste responsibly.

Definitions:

Waste: Waste includes any substance or object which the holder discards or intends or is required to discard and any substance which constitutes a scrap material, an effluent or other unwanted surplus arising from the application of any process or any substance or article which requires to be disposed of which has been broken, worn out, contaminated or otherwise spoiled as per the Environmental Protection Act 1990 and amendments.

General waste: A form of controlled waste, comprising of all waste from the university the exception of fibre, co-mingled recyclables, food waste and hazardous waste.

Fibre waste: Card and paper

Co-mingled waste: Cans, Glass and Plastic. Note the absence of food as this will contaminate recyclables

Hazardous Waste: It includes waste that could, in certain circumstances, be harmful to human health or the environment in the short or long term due to its physical, chemical or biological properties. Batteries, fluorescent tubes, photographic chemicals, paint, waste oils, solvents, acids, alkaline solutions, pesticides and electrical equipment are all hazardous wastes.

Plan for Effective Management of waste

To manage waste responsibly, the university will:

- Remain compliant with all relevant waste legislation;
- Aim to reduce the amount of waste generated and the associated environmental impacts by applying the principles of the waste management hierarchy;
- Provide facilities to ensure the safe handling, effective segregation and secure storage of waste on all campuses, with these aimed at maximising reuse and recycling opportunities;
- Set specific objectives and targets in relation to minimizing waste, improving recycling rates and reducing disposal to landfill;
- Complete regular waste audits in order to drive continual improvement;
- Provide appropriate training and induction for staff, students and visitors around waste practices and site specific requirements

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Steps for effective waste management across the university

All staff, students, contractors and visitors have a personal responsibility to ensure the waste they create is dealt with in accordance with this policy. Chief consideration must be given to applying the waste management hierarchy to all activities across the university.

- Reduce: Only order/purchase/use the amount of materials required
- Reuse: Retain materials which can be reused onsite or by others
- Recycle: Segregate to maximise value of material for recycling
- Recover: Energy from waste will be recovered where facilities allow
- Dispose: Last resort
- Research: Centre for Waste to Wealth is dedicated to developing strategies to use waste and convert it to useful product. <http://research.cutm.ac.in/courses/center-for-waste-to-wealth-management/>
- Hazardous waste: The Biomedical Waste Bins are colour coded for managing the



segregation of different Biomedical wastes into separate bins. CUTM collaborates with external organizations which are expert in handling hazardous waste. Non Government Organization "Sani Clean Private Limited" through an MoU for disposal of the wastes on a daily basis. The vendor from the company picks up the wastes from the colour coded bins and disposes it by duly adhering to the government regulations and guidelines applicable for Biomedical Waste Management Policy.

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Minimization of waste and its disposal

The Facilities Management Team will ensure appropriate procedures and waste management processes are in place as applicable for the principal waste streams (e.g. General waste, fibre waste, co-mingled waste and hazardous waste from estate activities).

- Waste should be prevented or minimised wherever possible and must be stored, carried, processed or disposed of in accordance with the principles of duty of care.
- Waste must be stored in compliant and suitable containers and locations pending their disposal.
- Waste containers must be securely sealed to prevent accidental spillage or leakage.
- Segregation of waste must occur on site to prevent contamination and mixing of materials to maximise the opportunity for recycling.
- Waste is not to be stored in plant rooms, service risers or any other location not intended for waste collection.
- Waste and recycling removed from the university must only be transported by persons or service providers that are authorised to do so.