



7.1.3 Types of degradable and non-degradable waste

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

The organization has arranged for systems to be set up to handle the different kinds of wastes produced and all of this ensures that the environment is maintained and health regulations are abided by. Waste management techniques for solid waste, liquid waste, e-waste, and water recycling.

The institution also has a complete **solid waste** management system. Waste segregation is done at source, with the provision of bins in different sectors for organic waste, recyclables (paper, plastic, glass), and non-recyclables. Each of these bins is color-coded for easy identification purpose. The institution collaborates with approved waste collection services for frequent removal, and recycling centers are established on-site for the treatment of recyclable items. There are composting plants to convert organic waste into manure and used for gardening in the campus.

Liquid recycling system in the institution is designed to treat and dispose of waste water in an environmentally safe manner. The institution has a dedicated Effluent Treatment Plant (ETP) that treats the wastewater generated from toilets, laboratories, kitchens, and other areas. This treatment ensures that the water is purified and then used for gardening purposes. The wastewater sources are from one administrative block, two academic blocks, five laboratory blocks, one canteen, two hostels and one auditorium, present in the campus. The toilets, washbasins and urinals of two academic blocks, various laboratories, two hostels and the wastewater from cooking, dishwashing etc. from the canteen are the major wastewater sources of ETP. The wastewater generated from the administrative block alone is treated using a separate septic tank.

The institution's **Waste recycling system** also encompasses the management of various waste materials. In addition to recycling common items such as paper, plastic, and glass, the institution is dedicated to minimizing overall waste generation across the campus.

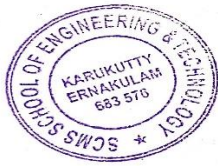


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E-waste from various laboratories, including electronic items like resistors, capacitors, computers, printers, and more, is managed with an emphasis on recycling and proper disposal. The institution conducts periodic e-waste collection, where obsolete or damaged electronics are gathered.



A handwritten signature in green ink, written over a horizontal line. The signature is stylized and appears to be 'Anitha'.

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