

KONGU ARTS AND SCIENCE COLLEGE

(Autonomous)

Affiliated to Bharathiar University, Coimbatore

NANJANAPURAM, ERODE - 638 107



WASTE MANAGEMENT POLICY



Waste Management Policy

Preamble

Kongu Arts and Science College is an eco-friendly institution with distinct policies to connect with nature in every sphere of its activities. Waste management policy has been given considerable importance by our Institution. Our institution has been making fruitful efforts by contributing to the sustainability of the environment through various process. It focuses on stabilizing domestic waste, either solid or liquid that is generated within the campus. Our policy is one of the guidance for all the faculty and students to be responsible for the maintenance of eco-friendly aura and to undertake suitable measures for waste management treatment through proper channel.

Objectives

- To emphasize and adopt suitable technologies for processing and managing waste
- To transform the solid waste to useful manure for landfills in a cost-effective manner
- To reduce the generation of waste and to dispose it.
- To follow five “R” principle of Reduction, Reuse, Recycling, Refuse and Resource Recovery along with Incineration and Landfilling.

1. Solid Waste Treatment

In our campus, food and vegetable wastes generated in mess and canteen are collected and fed to digester for bio-gas (natural fuel) plant which generates energy.

Dried leaves and other solids automatically get converted into organic compost which then becomes usable. This comes handy as manure to the plants and trees inside the campus.

2. Liquid Waste Management

In our College significant amount of water gets used for and cooking at hostels, canteen, staff quarters, and toilets. A high technology sewage water treatment plant located behind the Boys hostel treats the sewage water. Waste water collected from the entire campus is aerated and then sent to settling tank. Then the sewage water is passed through sand and activated carbon filter followed by aeration. Around 2.0-2.5 Lakh Liter of treated water is produced per day, and it is used for gardening the plants within the campus. The solid sludge is taken to compost pit.

3. Biomedical Waste Management

Biomedical waste may be solid or liquid which includes unwanted microbiological cultures, discarded gloves, laboratory waste, needles. Workers who handle biomedical waste are provided with safety gloves and masks. An autoclave uses steam and pressure to sterilize the waste or reduce its microbiological load to a safely level of disposal.

4. E- Waste management

The objective of this programme is to keep our city and our College Campus free from Electronic Waste Pollution. Department of Computer Science (UG) and Department of Physics periodically collect the electronic Wastes such as condemned CD/DVDs/Computer Laptops, Telephones, and Mobile Phones etc. from the campus and hand over to Olirum Erode Foundation, Erode, to dispose them safely.

5. Waste Recycling System

The recovery of energy from waste materials is referred as waste recycling. In our College, recyclable materials include many kinds of glass, paper, cardboard, metal, plastic, fabric waste. The above mentioned are recycled regularly.