



VWJAIN GROUP - MUKUND EDUCATION SOCIETY'S

SANMATI ENGINEERING COLLEGE

ENGINEERING UG AND PG PROGRAMME

APPROVALS / AFFILIATION

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Ref. No.

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Date:

1. E-Waste Management:

The proper disposal of electronic waste (E-waste) is a priority for the institute. Non-functional switches, electric cables, monitors, keyboards, mice, etc., are stored and disposed of in accordance with regulations by scrap merchants. E-waste generated in electronics and computer labs is sold to a scrap vendor who recycles or disposes of it responsibly. Due care is taken as E-waste often contains hazardous heavy metals such as cadmium, lead, and mercury. The computer department's hardware lab is utilized for the demonstration of electronic devices like damaged CPUs, RAM, processors, motherboards, printers, scanners, etc.

2. Liquid Waste Management

The institute has implemented effective liquid waste management practices. Wastewater from toilets and bathrooms is channelled through closed pipes into a septic tank equipped with a gas exhaust system. Additionally, storm water lines are in place to collect rainwater, and a portion of this water is utilized for rainwater harvesting..

3. Waste Recycling System:

The institute has implemented a waste recycling system to promote sustainability. Rainwater falling on the building's slab is collected and stored in tanks. This stored water serves multiple purposes, including building construction and irrigation for trees and gardens. A large tank behind the Computer Engineering Department is filled with pebbles, gravel, and sand to collect rainwater from the workshop roof, contributing to sustainable water management practices.

4. Solid Waste Management:

Waste generated from routine activities in the institute, such as paper, plastic, glass, metals, and food, is efficiently managed. The cleaning supervisor oversees the collection of waste on each floor at designated locations and ensures timely disposal. Block/floor housekeepers collect and compile the waste in dustbins provided on each floor, including washrooms and common rooms. The college canteen utilizes separate dustbins for biodegradable and non-degradable waste. Biodegradable waste from the canteen is deposited in a dedicated dumping pit, where it is converted into compost for use as manure in the institute's garden.

