

Introduction

In order to reduce waste, recycling efforts were made to improve the MVJCE environment by organic recycling process. The constant production of new products and packaging means knowledge of recyclable and compostable materials has become a complex and confusing topic for many people. In a society that values convenience, the current “throwaway” lifestyle encourages a linear approach to the production and disposal of products, rather than a circular approach that regards waste as simply another resource (Moscone). College students, staff, and faculty often lead busy lives and value convenience; as they go about their day rushing between activities and classes, the purchase of single-use products is often the most convenient choice. The consequence of this convenience comes in the form of high quantities of waste. In an era where societies around the world are becoming more conscious of the issues surrounding waste, MVJCE, greatly improved its image by increasing the diversion rate -- the rate in which waste is removed from the landfill waste stream -- on campus.

Waste Management in MVJCE

a. Solid waste management:

- With smart initiatives like Go Green Campus Model, Waste Management is helping our college, to achieve a higher level of environmental performance. All the waste from the campus hospital, college, canteen and hostel is collected and segregated into wet, dry and plastic waste.
- Biodegradable materials such as Food waste from college hostel and canteen are converted into manure in compost pits which are used as an organic fertilizer for the garden.
- Non-biodegradable materials such as paper and plastic waste are segregated and resold by the college.

b. Liquid waste management:

- The audit committee studied the Water conservation and prevention of water wastage in the campus. The College is contemplating installing the water harvesting. The drinking water in the campus is being analyzed by the College every week.



Separation of oil & Grease from waste water



Water treatment in Aeration Tank



Sewage Collection Tank





Advanced Treatment Facilities for waste water

c. E-waste management:

- All e-waste is disposed to the Municipal Corporation.
- The non-working computer spare parts and other non-working equipment are safely disposed outside.
- The cartridge of laser printers is refilled outside the college campus.
- UPS Batteries are recharged / repaired / exchanged by the suppliers.
- Waste compact discs are used by students in Tinkering Lab.

Hazardous Waste Disposal in Chemistry & Chemical Engineering Lab, DG Yard

- Disposal of chemical waste is coordinated by the Facility Management Division.
- Bottles/containers with chemicals for disposal must have clear labels with details of the contents.