Maratha Vidya Prasarak Samaj's

GMD Arts, BW Commerce & Science College

Sinnar, Dist. Nashik, 422103 (MH)

Policy Document on Waste Management

Introduction

Higher Education Institutes play a vital role in the field of environment and sustainability. Considering this, GMD Arts, BW Commerce & Science College, Sinnar, Dist Nashik pays considerable attention to minimize the production of waste on the campus. This policy envisages to guarranting the moral, social and legal responsibilities of the College in creating an environment-friendly and sustainable world devoid of waste and exploitation of nature. This policy is a guidance document to the faculty, staff and students to behave responsibly in the production of waste, waste segregation, storage, handling, transport and disposal.

Vision

The policy envisions a community which is acutely conscious of the anthropogenic condition of the world and therefore strives to create an ecologically healthy, prospering and resource efficient community, where waste is considerably reduced, recycled, reused and disposed of using an environment friendly safe method.

Objectives:

- Create consciousness among faculty and students about the ways in which waste is generated and the means by which they can reduce waste generation and manage the waste they produce.
- To provide appropriate training for faculty, staff, students and other stakeholders on waste management issues.
- Orienting them to adopt appropriate technologies for processing and managing solid, liquid and e-waste.
- Follow the five "R" principle of reduce, reuse, recycle, refuse and regenerate
- To promote holistic approach of waste management in the campus.

Waste Management Methods:

1) Solid Waste Management

- To keep campus, keep clean, neat and tidy, Dustbins are placed in the college premises, corridors and office.
- Cleanliness drives in campus for collection of garbage and solid waste by NSS & NCC students.

1) Solid Waste Management

- The solid waste is segregated into organic and is used to prepare compost for in-houseconsumption and non-degradable waste is collected by the Municipality Sinnar.
- Maximized use of paperless technology i.e., sharing of data /Lecture notes on google class-room, google cite, college website e-mail etc.
- All one-side used papers are utilized for routine printing activities.

- **Organic waste management:**

Swachha Bharat Abhiyan is one of the National event start-up by Govt. of India. This event helps the health of the nation by protecting from various diseases. Considering this fact & the interest of the nation & people our department of zoology run the project of organic waste management. Our college campus has rich biodiversity of plants & animals. During the winter season (autumn), there is a fall down of plenty of variety of leaves. It is our organic waste on which a number of insects can complete their life cycle & some of them act as vectors which are ready to spread the diseases.

To prevent the spreading of diseases by such insect vectors, our students cleaned the college campus & decided to prepare the gold (vermin-compost) from this organic waste. As result of this, we constructed 10 vermi-compost units under one roof. The students under the guidance of Mr. S. T. Pekhale, Mr. V .S. Varpe & Ms. G. B. Shahane maintained the entire project of Organic Waste Management. They collected leaves of the plants of the college campus & put them into the vermi-compost unit with great efforts. They also spread water to maintain the moisture and collect vermi-wash from the unit.

Due to this plant, the campus remains clean & healthy atmosphere. Number of mosquitoes & other harmful insects reduced in number in the campus. Students take benefits of their practicals of vermin-cultutre as a part of their curriculum. From this organic waste management, the product is utilised for the botanical garden in the college campus to other plants as bio a fertilizer.

2) Liquid waste management:

- Chemical liquid waste generated in the lab is collected in separate soak pits which arelocated aloof from the water bodies.
- The soak pits are periodically emptied and dumped in special area on the campuswith due care.
- Canteen wastewater shall be managed through sedimentation pits which are cleared periodically of the waste and the rest of the water shall pass into the traditional drain.

3) E-waste management:

- E-waste at our college refers to electronic equipment that has gone out of use. The cartridge of printers is refilled from a suitable vendor and reused it.

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