



**DE PAUL INSTITUTE OF  
SCIENCE & TECHNOLOGY, ANGAMALY  
(DiST)**

**WASTE MANAGEMENT POLICY**



## **1.0 Introduction**

De Paul Institute of Science & Technology (DiST) is an environment friendly campus and knows for certain that environmental degradation is anthropogenic and is likely to adversely affect sustainable development if the policies and methods of functioning are not designed and implemented in such a way that to protect the environment and conserve the resources. DiST believes that it is the moral, social and legal responsibility of the staff, students and all other stakeholders to protect the environment and help to achieve sustainable development. This policy document is basically meant to guide its stakeholders to follow ways and means to protect the environment by properly managing solid, liquid and e- wastes that are generated in the day to day functioning.

## **1.1 Policy Vision**

DiST waste management policy envisages to make the stakeholders aware of the adverse impacts of careless management of all types of wastes generated and to positively respond to the call for environment protection globally. The policy visualizes to reduce all kinds of wastes generated, recycle and reuse them as far as possible and to work on safe disposal of wastes in the most effective methods possible. The policy also holds a vision to conserve the natural resources and encourage its judicious consumption so that they are made available for the future generations also.

## **1.2 Objectives**

- Create an awareness among the staff and students and all other stakeholders the need to protect the environment and conserve the resources.
- To follow the five 'R's of environment protection, namely, reduce, recover, recycle, reuse and refuse.
- To establish proper methods for management of solid, liquid and e wastes
- To enter into MOUs with local bodies for disposal of both degradable non-degradable waste materials
- To establish a campus, free of use and throw plastic wastes
- To establish a bio-gas plant using the bio degradable waste matter and food wastes gathered daily
- To encourage faculty and staff to reuse paper and plastic waste materials for productive purposes

### **1.3 Policies**

The college follows established systems for the management of different types of wastes generated in the campus.

- **Solid Waste Management** The waste generated in the campus includes wrappers, glass, metals, paper, plastics, etc. These are segregated in the places of origin by keeping separate waste bins in all class rooms and at different places in the campus. Old newspapers and other used paper are collected and sold for recycling. Similarly, glass, metals, plastics and other non-biodegradable wastes are sold to different agencies. Plastic bottles are used for construction of benches in the waiting sheds of nearby panchayats and within the campus itself. Food wastes are used as fodder for a piggery with whom the college has entered into a memorandum of understanding. Paper written or printed on one side are used for writing or printing on the other side.
- **Liquid Waste Management:** The liquid wastes generated in the campus include sewage, laundry, hostel and canteen effluent waste. The above waste is treated through Sewage Treatment Plant setup in the institute. The entire treated water is used for watering the gardens and lawns maintained in the Campus.
- **E-Waste Management:** Electronic goods are put to optimum use; the minor repairs are set right by the computer lab assistants and computer science teaching staff; and the major repairs are handled by the technical assistance sourced from professionals through MOUs signed. DiST has entered into MoU with South Indian metals which buys our damaged computers and other non-reparable e-waste and who are issued a Recycling certificate. The equipment which cannot be refurbished for re-use is dismantled and remanufactured into raw materials (i.e. metals, plastics, glass) to be marketed as recyclable. The company assures that the E-waste does not end up in a landfill. It is sent to an agency authorized by Kerala State Pollution Control Board for disposal, which processes E-waste in a

Zero dumping technology. The waste compact discs and other disposable non-hazardous items are used by students for decoration during college fests as a creative means of showcasing the waste management practice that has been induced in the minds of the students.

- **Organization and Management:** Students are given instructions regarding proper deposit of wastes in the dustbins placed at different places of campus. Supporting staffs are responsible in grading wastes and move these to allocated disposing places. The supervisor who is responsible in managing these activities gives directions and ensures that all wastes are categorized and placed properly.
- **Waste Incinerator:** Incineration is a method of treating waste which involves the combustion of the organic substances found in waste materials. An incinerator is installed in the College Campus for the same. Paper wastes and others are disposed into the incinerator which helps to reduce air pollution and smoke.

DiST shall make all reasonable efforts to track the products sold or donated by it till their final destination. Products sold to consumers shall be insisted upon to record the objective usage of product and guaranteeing the end of life disposal procedures.

#### **1.4 Awareness Programmes**

The environment club together with NSS units of the college and De Paul Extension services conduct seminars and workshops to make the staff and students aware of the need for proper waste management and methods of doing the same. Staff and students are encouraged to make curios with plastic and other wastes 'Best From Waste' by organizing exhibition and sales of the same and by giving training in making such things.