

7.1.3 THE FACILITIES IN THE INSTITUTION FOR THE MANAGEMENT OF DEGRADABLE AND NON – DEGRADABLE

ADDITIONAL INFORMATIONS



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE,
KAMARAJ NAGAR, NH-67, RINGROAD, NANJIKOTTAI,
THANJAVUR – 613006, TAMIL NADU

Solid waste management

Our College practices the segregation of solid waste and its effective management in the campus. The collected waste is segregated at the source of the generation. The bins, which are used to collect the solid wastes, placed at every corner of the corridor, wash rooms, common rooms and in the playing fields. The waste bins are also kept in laboratories, library, and classrooms. Old newspapers, used papers and journal files and all type of solid wastes are given for recycling to the external agencies.

Incineration – Incineration of waste materials converts the waste into ash and heat. Most of our college solid wastes are disposed by incinerating

Compost – Organic materials such as vegetable peelings are used to make compost. Batteries and other toxic waste are avoided as these will contaminate the soil and water sources.

Liquid waste management

Our institute sewage consists mostly of the waste water from sinks, tubs, showers, dishwashers and also from the water used to flush toilets. Soaps and detergents which are connected to septic tank through outlet pipes. Liquid Waste from the toilets is conveyed to the separate soak pit.

E-waste management

Due to advancement in technology, various types of electronic gadgets are being manufactured and marketed. These products become out-dated after few months or years. Since these products contain some hazardous materials like lithium, lead, zinc, etc. improper disposal of these products is harmful for living beings. Therefore, management of E-waste is an important issue. E-waste management is done by collecting all the electronic waste generated in the institute premises at a central storage.

Also

- The UPS batteries are recharged till the maximum number of cycles and once their life is over, exchanged by the suppliers / taken by recycle buyers.
- The life of the electronic items is extended by proper maintenance and taking care of minor repairs by the lab technicians.

The college does not generate any e-waste. Computers, UPS and Printers are sent to approve scrap dealers for safe disposal.

Hazardous Chemicals Waste Management

Parisutham Institute of Technology and Science effectively manage hazardous chemical wastes in Chemistry laboratory. When we disposing hazardous laboratory chemical waste, chemical compatibility is considered. For safe disposal, the container must be chemically compatible with the material it will hold. Chemicals must not react with, weaken, or dissolve the container or lid. Acids or bases should not be stored in metal.


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