



Regd. No. 732/2006

Mobile: 8499831950

## **PRATISHTHA INSTITUTE OF PHARMACEUTICAL SCIENCES**

Approved by AICTE & PCI, New Delhi, Affiliated to JNTU and SBTET, Hyderabad & Recognised by Govt. of Telangana Durajpally (V), Chivemla(M), Suryapet District - 508214, Telangana.

Website: [www.pratisthapharmacy.in](http://www.pratisthapharmacy.in),

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**Dr.M.Shivarama Krishnaiah**  
Chairman M.B.B.S., DCH  
Mobile: 7032354521

**Dr.Vijaya Lakshmi**  
Secretary M.D., DGO

# **SOLID WASTE MANAGEMENT**

SITS has taken initiatives to segregate the waste at source which is the first and most important step in waste management. The college encourages the process of eco friendly waste disposal method. Maximum waste generated is recycled and reused. Each block and each floor is provided with dry waste collecting bins every day and collected, the same is transported to the concerned places and segregate and hand over to concern. Sufficient quantity of bins provided at wet waste prone areas like cafeteria, food courts etc. There are dustbins placed at specific points to prevent littering in the campus.



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# LIQUID WASTE MANAGEMENT

Liquid waste from the canteen & the wash rooms is collected into pools, recycled using four beds filtration method will further be used for watering the gardens. The laboratory waste water does not contain hazardous chemicals and periodical monitoring is done by the maintenance team. At RO plant also waste water collected. This water is then used for the gardening and other purpose. Institution also conducts discussions with students to make them aware about the liquid waste management techniques.



  
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### **HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT**

Make sure all containers are properly labeled and that materials are contained in an appropriate container. Don't use any chemical not contained or labeled properly. Store all hazardous materials properly, separate incompatibles, and store in ventilated, dry, cool areas. The waste management oversees the collection and disposal of a number of waste streams from facilities, residences, and laboratories. We manage regulated hazardous wastes like chemicals, oils and cleaners. We also assist the generators in arranging for disposal of biohazard and sharps wastes and recyclable wastes such as batteries and electronic equipment.



  
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## E-WASTE MANAGEMENT

The condemned batteries and damaged computers are disposed through outside agencies. Obsolete computers and other electronic gadgets are sold to recyclers. E-Waste Management: Electronic goods are put to optimum use; the minor repairs are set right by the Laboratory assistants and teaching staff; and the major repairs are handled by the Technical Assistant and are reused. SS waste management has a State-Of-The-Art Warehouse measuring 20,000 sq. feet meant for storage, dismantling and recycling of electronic waste with the support of latest technology. 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. UPS Batteries are recharged / repaired / exchanged by the suppliers.



  
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Fig: Collecting E-Waste from all the branches in the campus

  
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### BIOMEDICAL WASTE

**Biomedical waste** or **hospital waste** is any kind of **waste** containing **infectious** (or potentially infectious) materials.[1] It may also include waste associated with the generation of biomedical waste that visually appears to be of medical or laboratory origin (e.g. packaging, unused bandages, infusion kits etc.), as well research laboratory waste containing biomolecules or organisms that are mainly restricted from environmental release. As detailed below, discarded **sharps** are considered biomedical waste whether they are contaminated or not, due to the possibility of being contaminated with blood and their propensity to cause injury when not properly contained and disposed. Biomedical waste is a type of bio waste.

Biomedical waste may be solid or liquid. Examples of infectious waste include discarded **blood**, sharps, unwanted **microbiological cultures** and stocks, identifiable body parts (including those as a result of **amputation**), other human or animal tissue, used **bandages** and dressings, discarded gloves, other medical supplies that may have been in contact with blood and **body fluids**, and laboratory waste that exhibits the characteristics described above. Waste sharps include potentially contaminated used (and unused discarded) needles, **scalpels**, lancets and other devices capable of penetrating skin.

