



## SOLID WASTE MANAGEMENT

Princeton Engineering College has taken initiatives to segregate the waste at source which is the first and most important step in waste management. Solid waste refers here to all non-liquid wastes. In general this does not include excreta, although sometimes nappies and the faces of young children may be mixed with solid waste. Solid waste can create significant health problems and a very unpleasant living environment if not disposed of safely and appropriately. If not correctly disposed of, waste may provide breeding sites for insect-vectors, pests, snakes and vermin (rats) that increase the likelihood of disease transmission. It may also pollute water sources and the environment.





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## LIQUID WASTE MANAGEMENT

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. 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.



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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. Earth Box 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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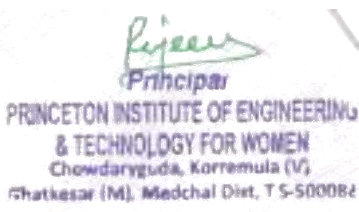
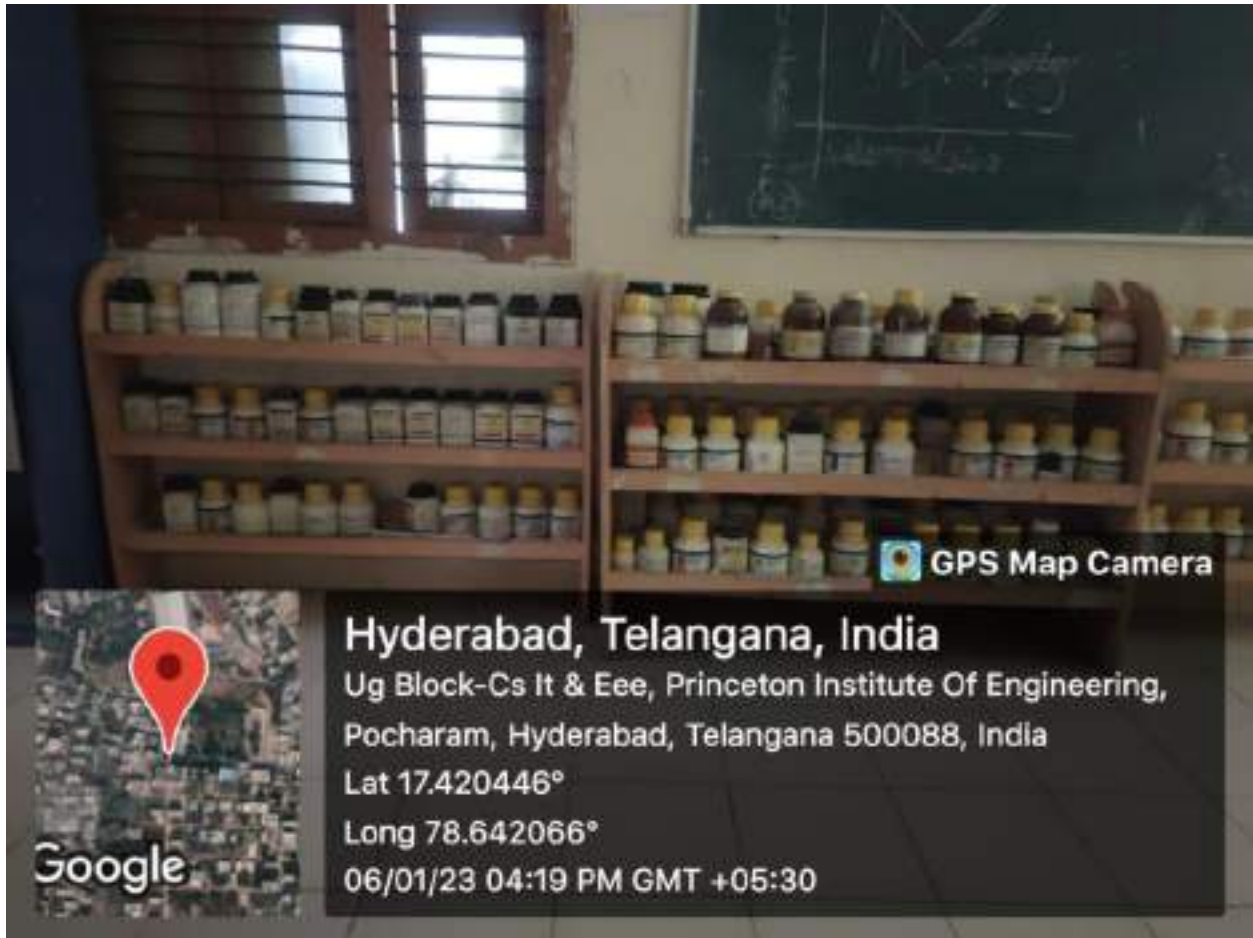
### **HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT**

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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## BIOMEDICAL WASTE MANAGEMENT



  
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