



BHASKAR PHARMACY COLLEGE

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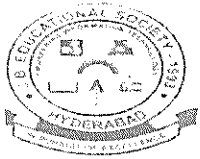
Bhaskar Nagar, Yenkapally(V), Moinabad (M), Himayathnagar (P.O.), R.R. Dist., Hyderabad -500 075, Telangana.

Phone No. 08413 - 235027 E-mail: principal@bpc.edu.in Website: www.bpc.edu.in

7.1.2.2: The Institution has facilities and initiatives for Management of the various types of degradable and nondegradable waste



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SOLID WASTE MANAGEMENT

Waste management or waste disposal includes the processes and actions required to manage waste from its inception to its final disposal. This includes the collection, transport, treatment, and disposal of waste, together with monitoring and regulation of the waste management process. The aim of waste management is to reduce the dangerous effects of such waste on the environment and human health. A big part of waste management deals with municipal solid waste, which is created by industrial, commercial, and household activity

TWIN BIN SYSTEM



DRY WASTE



LIQUID WASTE

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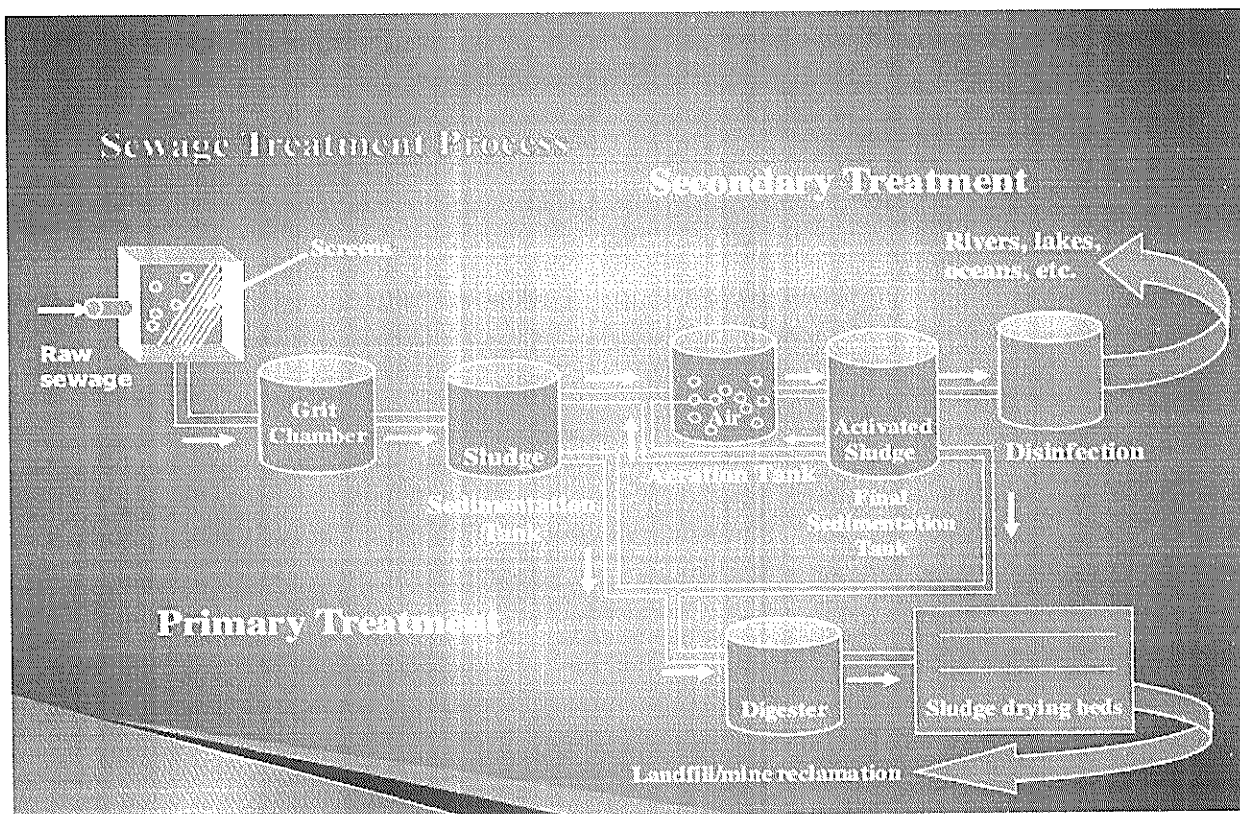
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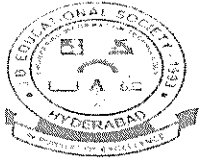
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LIQUID WASTE MANAGEMENT

Liquid waste can be defined as such Liquids as wastewater, fats, oils or grease (FOG), used oil, liquids, solids, gases, or sludges and hazardous household liquids. These liquids that are hazardous or potentially harmful to human health or the environment. They can also be discarded commercial products classified as "Liquid Waste" such as cleaning fluids



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BIOMEDICAL WASTE MANAGEMENT

Biomedical waste is any kind of waste containing infectious (or potentially infectious) materials. Biomedical waste may be solid or liquid. Examples of infectious waste include discarded blood, sharps, unwanted microbiological cultures and stocks, other human or animal tissue, used sanitary pads, 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.

BIO - MEDICAL WASTE		
<p>CYTOTOXIC WASTE అపచింతకర వ్యర్థం</p> <p>Black Bag</p> <ul style="list-style-type: none"> Cytotoxic Waste Expiry Date Medicine Radio Active Substance Waste <ul style="list-style-type: none"> అపచింతకర వ్యర్థం ఉపయోగించిన డ్రగ్స్ వ్యర్థం రేడియో అక్టివ్ వ్యర్థం 	<p>INFECTIOUS WASTE (PLASTIC) సోనికరకర వ్యర్థం</p> <p>Red Bag</p> <p>Hard and Disposable plastic items like</p> <ul style="list-style-type: none"> Blood Bags Infectious I. V. Sets Infectious plastic Tubings Rubber Catheters Latex plastic / latex gloves <ul style="list-style-type: none"> హార్డ్ మరియు డిస్పోజబుల్ ప్లాస్టిక్ వస్తువులు బ్లడ్ బ్యాగ్స్ ఇన్ఫెక్షియస్ ఐ.వి. సెట్స్ ఇన్ఫెక్షియస్ ప్లాస్టిక్ ట్యూబింగ్స్ రబ్బర్ క్యాథెటర్స్ లాటెక్స్ ప్లాస్టిక్ / లాటెక్స్ గ్లొవ్స్ 	<p>INFECTIOUS SHARP WASTE సోనికరకర వ్యర్థం</p> <p>Blue Bag</p> <ul style="list-style-type: none"> Glass Bottles Glass Ampoules Injection Vials <ul style="list-style-type: none"> గ్లాస్ బోటల్స్ గ్లాస్ అంపుల్స్ ఇన్జక్షన్ వ్యాల్స్
<p>RECYCLABLE WASTE పునరుత్పాదక వ్యర్థం</p> <p>Green Bag</p> <ul style="list-style-type: none"> Office Stationery Disposable paper cups Tissue paper used for Domestic purpose Kitchen Waste <ul style="list-style-type: none"> ఆఫీస్ స్టేషనరీ నివారణ పత్రం వంటి పునరుత్పాదక వ్యర్థం గృహ ఉపయోగం కోసం ఉపయోగించిన టిష్యూ పేపర్ కitchen వ్యర్థం 	<p>INFECTIOUS WASTE (NON PLASTIC) సోనికరకర వ్యర్థం (నాన్ ప్లాస్టిక్)</p> <p>Yellow Bag</p> <p>Microscopic organisms, cultures, human organs, body parts and tissues</p> <ul style="list-style-type: none"> Embryo bags Discarded cytotoxic chemotherapy Discarded / expired drugs Personal protective equipments Disposable gown, mask, cap Infectious dressing material like gauze, cotton etc. <ul style="list-style-type: none"> మైక్రోస్కోపిక్ ఆర్గనిజమ్స్, కల్చర్స్, మానవ అంగం, శరీర భాగాలు మరియు తిత్తులు ఎంబ్రియో బ్యాగ్స్ దిస్కార్డుడ్ సైటోటాక్సిక్ థెరాపీ దిస్కార్డుడ్ / ఎక్సైర్డ్ డ్రగ్స్ పర్సనల్ ప్రొటెక్టివ్ ఈక్విప్మెంట్స్ డిస్పోజబుల్ గౌన్, మ్యాస్క్, క్యాప్ ఇన్ఫెక్షియస్ డ్రెస్సింగ్ మెటీరియల్స్ లాగా గౌజ్, కౌన్ వంటివి 	<p>INFECTIOUS & INJURIOUS SHARP WASTE సోనికరకర మరియు హానికర వ్యర్థం</p> <p>Puncture Proof Can</p> <ul style="list-style-type: none"> Used needles Used Scalpel blades Blades Cannula Stylet Lancets Broken glass slides & cover slip <ul style="list-style-type: none"> ఉపయోగించిన నీడల్స్ ఉపయోగించిన స్కాల్పెల్ బ్లేడ్స్ బ్లేడ్స్ కాన్యులా స్టైలెట్ లాంసెట్స్ బ్రేక్డ్ గ్లాస్ స్లైడ్స్ & కవర్ స్లిప్



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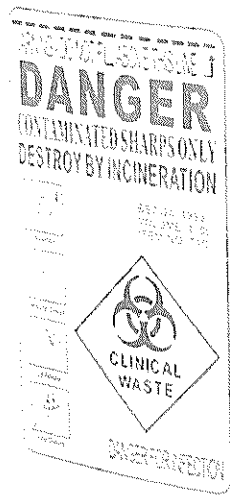
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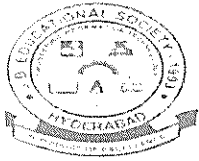
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BIOMEDICAL WASTE MANAGEMENT



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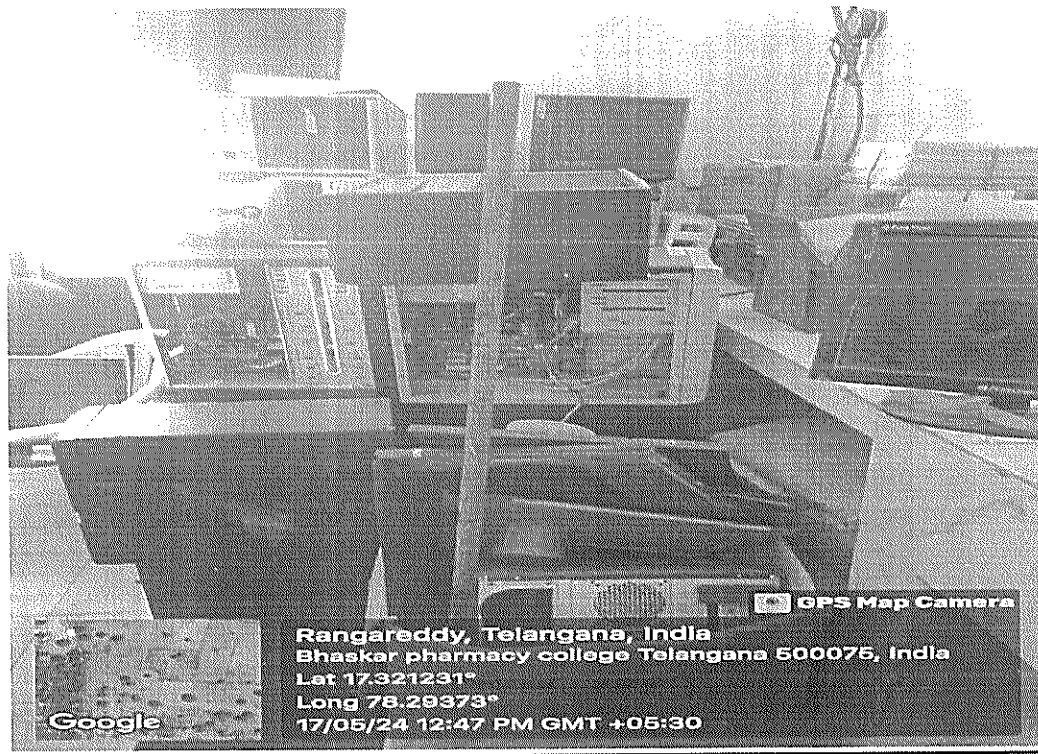
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E-WASTE MANAGEMENT

Electronic waste (or e-waste) describes discarded electrical or electronic devices. It is also commonly known as waste electrical and electronic equipment or end-of-life electronics. Used electronics which are destined for refurbishment, reuse, resale, salvage recycling through material recovery, or disposal are also considered e-waste. Informal processing of e-waste can lead to adverse human health effects and environmental pollution. The rapid exponential increase of e-waste is due to frequent new model releases and unnecessary purchases of electrical and electronic equipment, short innovation cycles and low recycling rates, and a drop in the average life span of computers. Electronic scrap components, such as CPUs, mouse, monitors and keyboards contain potentially harmful materials such as lead, cadmium, beryllium, or brominated flame retardants. Recycling and disposal of e-waste may involve significant risk to the health of workers and their communities



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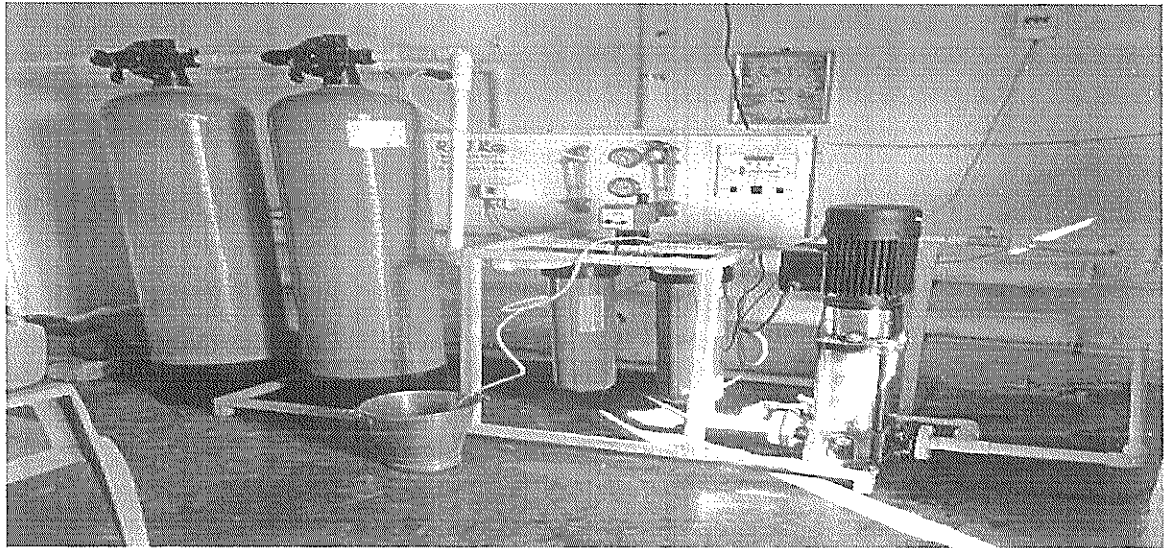
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WASTE RECYCLING SYSTEM

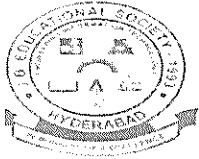
Recycling is the process of converting waste materials into new materials and objects. This concept often includes the recovery of energy from waste materials. The recyclability of a material depends on its ability to reacquire the properties it had in its original state. It is an alternative to "conventional" waste disposal that can save material and help lower greenhouse gas emissions. It can also prevent the waste of potentially useful materials and reduce the consumption of fresh raw materials, reducing energy use, air pollution (from incineration) and water pollution (from landfilling).



RO Plant



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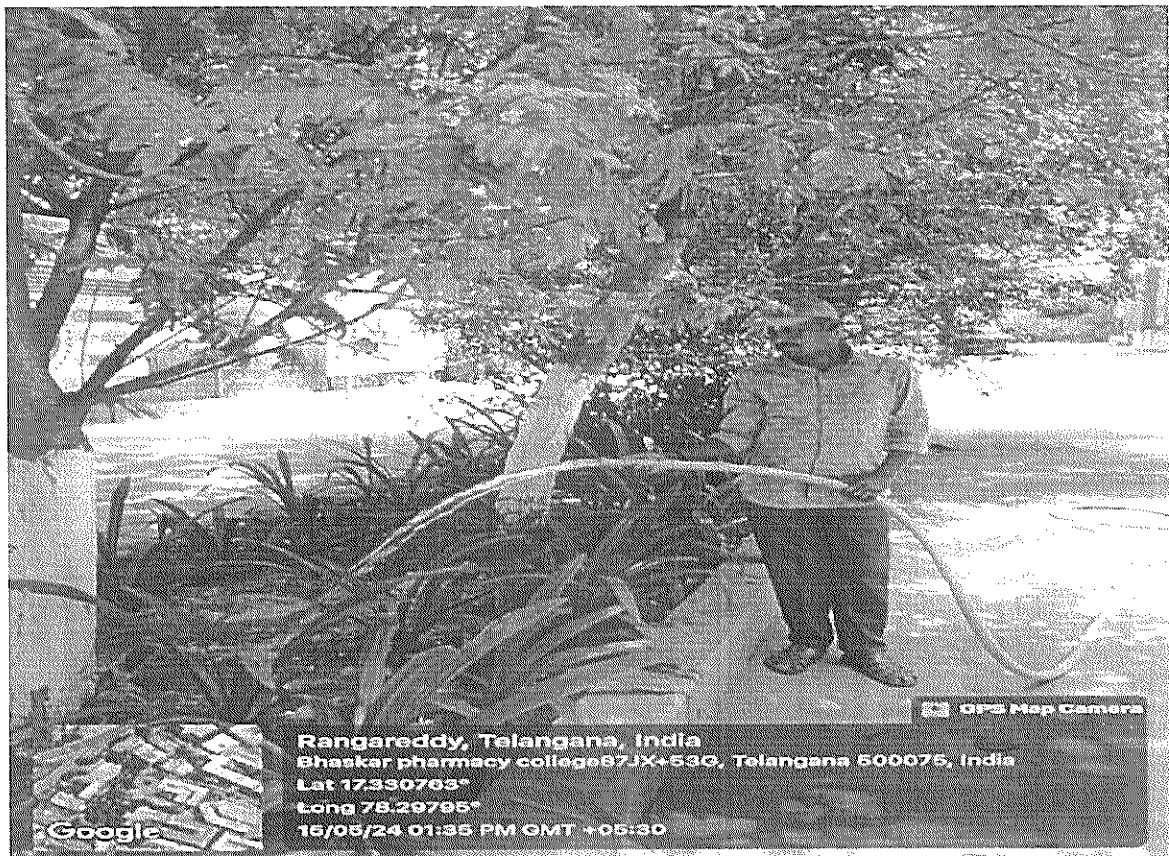
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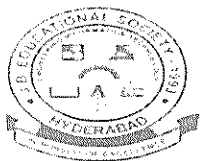


RO Plant processed water is used for gardening



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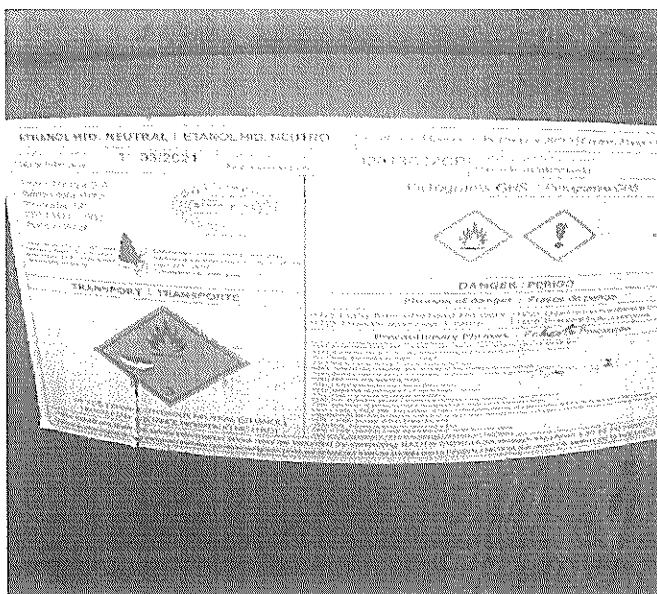
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HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

Chemical waste is any excess, unused, or unwanted chemical, especially those that cause damage to human health or the environment. Chemical waste may be classified as hazardous waste, non-hazardous waste, universal waste, or household hazardous waste. Hazardous waste is material that displays one or more of the following four characteristics: ignitability, corrosivity, reactivity, and toxicity. Radioactive waste requires special ways of handling and disposal due to its radioactive properties. Bio hazardous waste, which may contain hazardous materials, is also handled differently. Radioactive waste is a type of hazardous waste that contains radioactive material. The storage and disposal of radioactive waste is regulated by government agencies in order to protect human health and the environment.



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