

0.9.8 Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 400 words)

- 9. Solid waste management
- Liquid waste management
- 3. Biomedical waste management
- 8. E-waste management
- 4. Waste recycling system

Hazardous chemicals and radioactive waste management

Waste management steps including:

- 1. Solid waste management.
- 2. Liquid waste management.
- 3. Biomedical waste management.

1. Solid waste management -

The waste generated in the college campus included wrappers, glass, paper, plastics etc. old newspapers, wood, cement ,bricks ,iron rod ,pen left over food articles used papers and journal files etc. segregation of solid and liquid waste are done appropriately with specific bags. Then some of material is given for recycling to external agencies. Glass, metals, plastic, and other non-biodegradable wastes are given to external agencies, where they are segregated and disposed or recycled according to the nature of the waste. Apart from dry solid waste, the campus generates an average 40 kg organic and non-organic waste per day is sent to municipal corporation waste collecting vehicles. Dry leaves, garbage handled by institute by decomposing.

The organic waste yield of the Institute is limited till date and therefore treated with cow dung for decomposition due to the action of micro-organisms.



2. Biomedical waste management -

Biomedical waste must be properly managed and disposed of to protect the environment, general public and workers especially healthcare and sanitation workers who are at high risk of exposure to biomedical waste as an occupation hazard. In our hospital biomedical waste is sent to the external agencies. Biomedical waste generated in hospital is stored as per the latest guidelines for segregation of biomedical waste recommend the following color coding-

- A) **Red Bags** –syringes (without needles) soiled gloves, catheters, IV tubes ect Should be all disposed of in a red colored bag, which will later be incinerated.
- B) Yellow bag all dressing, bandages and cotton swabs with body fluids, blood bags, human anatomical waste, and body parts are to be discarded in yellow bag.
- C) **Cardboard box** with blue marking glass vials, ampoules, other glass ware is to be discarded in cardboard box with a blue marking or sticker.
- D) Black bags these are to be used for non-biomedical waste .in a hospital setup this includes stationary, vegetable and fruit peels, leftovers, packaging including that from medicine, disposable caps, disposable masks, disposable shoe covers, disposable tea cups, cartons, sweeping dust, kitchen waste etc.





I/C. Principal Seth Covindji Raoji Ayurved Mahavidyuaya, Solapur,

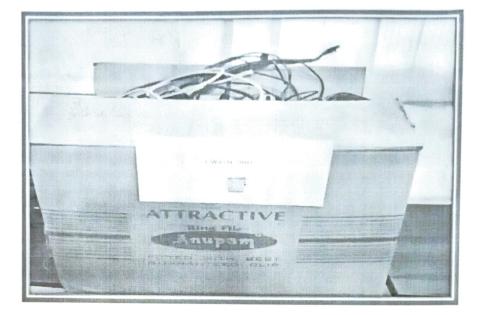


Step-by-Step Process of E-waste Recycling

- Step 1: Collecting and Transporting. This is the first stage of recycling e-waste. ...
- Step 2: Shredding and Sorting. ...
- Step 3: Dust Extraction. ...
- Step 4: Magnetic Separation. ...
- Step 5: Water Separation. ...
- Step 6: Purification of Waste Stream. ...
- Step 7: Preparing Recycled Materials For Sale



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E WASTE MANAGEMENT





BSPL



Maharashtra Pollution control Board Authorised

BSPL/A/B & M/F/04-00

SYSTEMS (INDIA) PVT. LTD. BIOCLEAN **CBMWTF**



BIOHAZARD

CYTOTOXIC

Address / Location	Type Of Institute	Name Of Institute	Name Of Doctor / Director :-	Registration No.
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vk, Solap	Hospital No. of Bed's 75 (Seventy Five) CBMM(Seth Sakharam Nemchand Jain Ayurvedic Rugnalaya	Superident	0179 Certificate No. : 2024 - 0243

Validity From	Date Of Joining
	•••• 1
01/04/2023	:- 01/04/2010
To 31/03/2024	Date of Renewal 11/04/2023

An application shall be made by The Occupier / Operator for renewal 30 days before expiry of certificate for Collection, Transportation, Treatment & Disposal of Bio Medical Waste generated at there institute Certify that above Doctor & Institute has been joined to "Bioclean Systems (India) Pvt. Ltd." CBMWTF

Prepared By 6t

Reviewed By Part

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