



7.1.4 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

Solid waste: Some of the initiatives are biodegradable and non-biodegradable waste is segregated and bio degradable waste is used for compost. Vermi composting has been adopted in the college.

Non-degradable solid waste from campus is sent to the Municipal Corporation Dumping Yard after segregation. Degradable waste and leaf litter from the campus is used for composting, further that is used for plantation. Food waste in the Mess is monitored by the Mess committee. Special instructions given to the hostel students that used sanitary waste like sanitary pads should be wrapped securely in a suitable wrapping material and shall place the same in the bin meant for dry waste. Special incinerators are used for sanitary ad disposal.

Liquid waste management: A total of around 500 Kl/Day of waste water is generated from Washing, Cleaning, Housekeeping, Disinfecting activities. A Sewage Treatment Plant is installed outside of the campus. Treated water is used for the garden and plantation within the premises. Liquid waste from the institution is diverted to the drain and soakage pits. There are 2 soakage pits functioning in the institution. One soakage pit in Narayana College of nursing and another soakage pit was constructed at the backyard of college.

The waste water from the R.O. Plant is also directed to the pit which facilitated with slow sand filter system. It is also connected with water source.



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E-waste management: Condemnation committee in the parent hospital our institution manages the e-waste. E – waste generated by the institution is collected and hand over to the concern person in the parent hospital.

The collected E – Wastes are given it for Auction by the condemnation committee. All non-working Electronic waste such as CPUs, hard disks, laboratory equipment scrap is sent to the market for sale. Workable computers, printers and other equipment discarded by departments are donated to nearby schools. The cartridges of printers are refilled outside the college campus. Old UPS Batteries are exchanged with new UPS batteries.

Biomedical waste management: The biomedical waste generated in the hospital and medical centre are managed in accordance to the Bio-Medical Waste Management Rules, 2016. The waste are segregated and stored in specified colored bins that are collected from the end user sites and stored at a central location, a restricted area within the campus before handing it over to the biomedical waste treatment facility

Hazardous chemicals and radioactive waste management: Since this is a Nursing college there is no production of hazardous chemicals and radioactive waste.



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WASTE MANAGEMENT

Institution is following a waste management policy for solid, liquid and E- waste management. A pollution control certificate is obtained for the recognition of environment friendliness. A condemnation committee is taking care of the disposal process of condemned items.

WASTE DISPOSAL STATUS

Sl. No	Outlet Description	Per Day	Per Month	Point of Disposal
1.	Domestic/Washing (Waste generated from Washing, Cleaning, Housekeeping, Disinfecting activities)	500 Kl/day	15000Kl/Month	After treatment in Sewage Treatment Plant (STP), use it on land for plantation within the premises
2.	General Waste (Solid Waste)	50 Kg/day	1.5 Ton/Month	Sending to Municipal Corporation Dumping Yard.
3.	E – Waste			Condemnation committee give it for Auction.



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