

**Dr. Madhukrrao Wasnik PWS Arts, Commerce & Science College
Kamptee Road, Nagpur-26**

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management

College kept large dustbins in every floor for the collection of solid waste.

College cleaning workers segregate plastic and degradable waste and dispose off the plastic waste. College has large number of tree which creates green waste sufficient to create compost of our own. The degradable garbage is deposited in the compost pit and Vermi-Compost pit and later used for college garden.

Liquid waste management

Conventional macro-scale experiments are replaced by microscale experiments in the Chemistry laboratory as a Green Practice to minimize the usage of chemicals and water.

Liquid wastes generated by the RO units are directed towards collection drains in the rear side of the college building. The collected water is used for irrigating the crops in the RDS farm. Waste water from the water taps are directed towards the rain water harvesting pits through the pipes.

Biomedical waste management

Since college is non-medical institution, but sometimes medical camps, blood donations camp, Sickle cell testing camp, Covid-19 test camp etc. regularly organized, whatever biomedical waste is created through such activities and our college science laboratories are handed over to the Nagpur Municipal corporation waste collection lorry (in specific plastic carry bag) time to time.

E-waste management

E waste generated from computer laboratories and admin depts. is handed over to the Nagpur Municipal corporation waste collection lorry time to time.

Waste recycling system: College dispose off the plastic and e-waste material by handing over it to the Nagpur Municipal Corporation waste collection lorry by adopting norms of Red, Yellow and Blue bags. College process the paper waste, tree leaves in the compost pit.