

7.1.3

QIM

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:** The waste generated by all routine activities including paper, plastics, glass, foods, etc. is collected at each level and source. The safai workers collect and compile the waste in the dustbins and then is taken away to the dumping yard.
- In Microbiology department biohazard waste is classified. The infectious agents or material is segregated which has potential to causedamage to public health and environment. College laboratory waste generallyincludes infectious bacterial agar plate, slants, broth, contaminated broken glassware,needles and other chemicals.
- Before disposal decontamination of biohazard materialiscarried out as follows.

Biohazard	TreatmentMethod/Disposalmethod
Infectious biological agents	Heatkillingusingautoclave
Contaminated broken glassware, Used needles	Disinfectant treatment placed in to biohazard container for further disposal
Mediaandotherchemicals	Deadstock

- In the Chemistry laboratory no radioactive substances are used. If any hazardousbyproducts are produced during experiments, they are reused where ever is possible or disposed in separate dustbin.
- The separated liquids are distilled and reused wherever is possible. The complete waste products are neutralized during theexperimentalprocedures andrestofthewaterisallowedtoflowindrainagesystem.
- Generally, if a computersystem slows down then, it is repaired and transferred to the class which might require lowconfiguration.



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Solid Waste Management



Campus cleaning by students

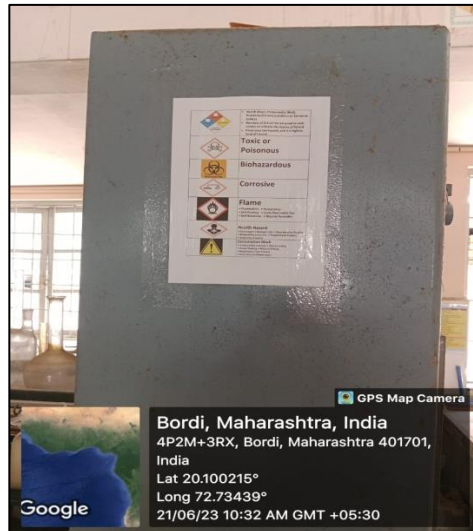
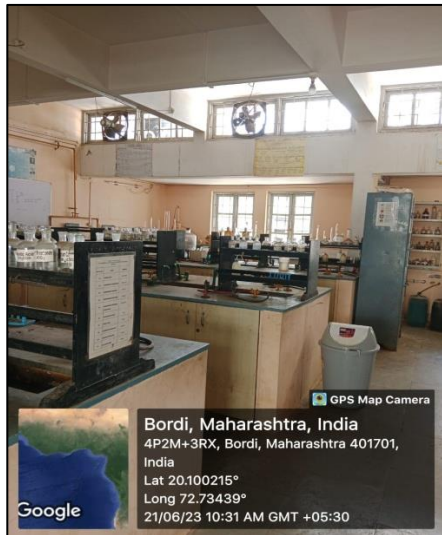


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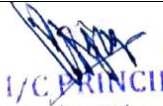
Safe handling of chemicals

Autoclave



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