

7.1.3 Waste Management Facilities



Yashwant Shikshan Sanstha's

Miraj Mahavidyalaya Miraj

Waste Management Facilities

The waste management facilities of the college campus are situated in the vicinity behind the college building. Regularly generated waste from the campus and various departments/laboratories is stored in large waste bins and subsequently deposited in a designated area on the campus. The Sangli Miraj and Kupwad Municipal Corporation then collect the waste. Leaf litter and other plant waste are gathered separately and processed to produce manure, which is utilized as fertilizer for trees. This process involves the use of large-sized storage bins, along with cow dung, water, compost culture, and other additives. Approximately one ton of solid waste is converted into manure within a six-month period and is either distributed or used on the campus itself. Additionally, Miraj Mahavidyalaya Miraj has entered into an agreement with NGO-PRUTHVI ZERO WASTE for the collection of E-waste from the college campus. This agreement is renewed every three years and serves as a means to responsibly dispose of the E-waste on the college campus, without any financial transactions involved. The college has implemented waste segregation into four categories: solid waste, liquid waste, hazardous lab waste, and E-waste.

Solid Waste:

The waste is generated by all sorts of routine activities carried out in the College that includes paper, plastics, glass, metals, foods, etc. The waste is segregated at each level and source. The Office Superintendent ensures that the waste in each floor is collected at designated time intervals. The Safai workers in each floor collect, clean, segregate and compile the waste in the dustbins provided at each floor. The dustbins are emptied in movable containers/dustbins and are taken to the dumping yard provided by the College.

The College has contacted an authorized SMK Municipal Corporation who collects the waste from the designated place, segregates them, recycles them and disposes them at the landfills authorized by the government.

Liquid Waste:

Liquid waste generated by the College is of two types:

- 1.Sewage waste
- 2.Laboratory, effluent waste

The above waste is collected disposed to the drainage.

The Hazardous Lab & other Waste Disposal, a Standard Operating Procedure has been evolved for handling the hazardous waste disposal system.

E-Waste Management:

Flip flops, memory chips, motherboard, compact discs, cartridges etc generated by electronic equipments such as Computers, TV, Phones, Printers, Fax and Photocopy machines are recycled properly. Instead of buying a new machine buyback option is taken for technology up gradation. The e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally through government authorized **NGO-PRUTHVI ZERO WASTE**



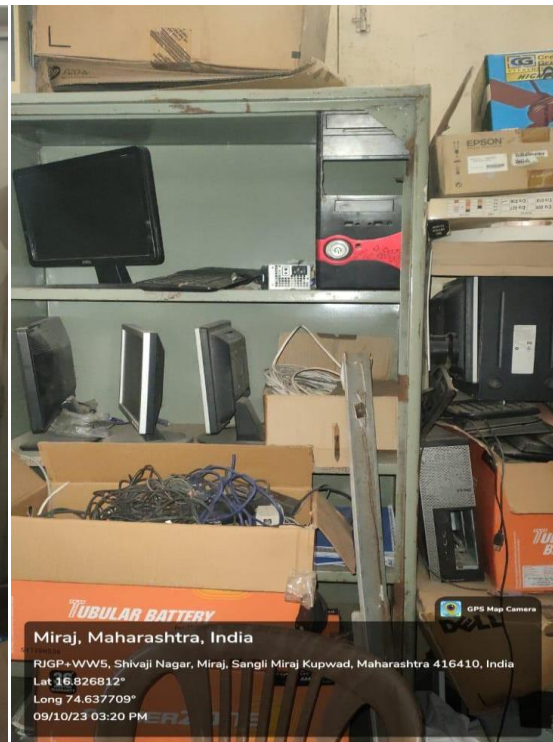
7.1.3 Waste Management Facilities -Geotagged Photos



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Waste Management Facilities-Photos



E-Waste collection in Department of Computer Science



E- Waste hand over to Pruthvi Zero Waste(NGO)



E- Waste hand over to Pruthvi Zero Waste(NGO)



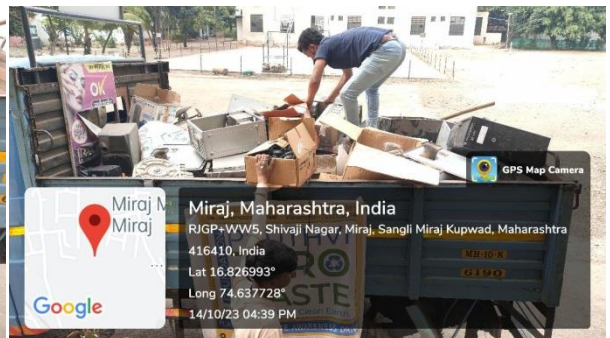
E- Waste hand over to Pruthvi Zero Waste(NGO)



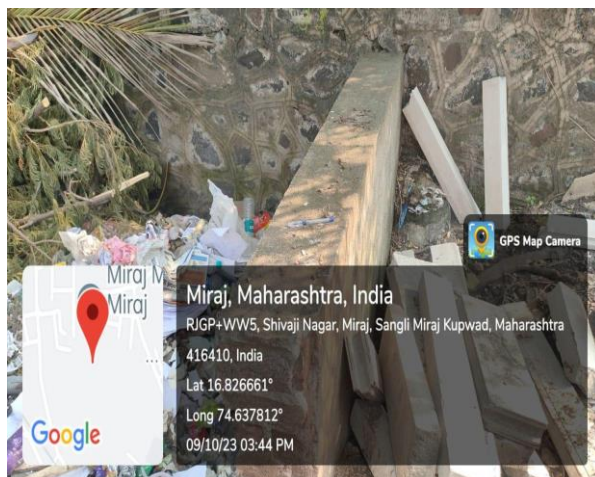
E- Waste hand over to Pruthvi Zero Waste(NGO)



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Solid Waste Bin



Liquid Waste

