



**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**



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

- 1. Solid waste management**
- 2. Liquid waste management**
- 3. Biomedical waste management**
- 4. E-waste management**
- 5. Waste recycling system**
- 6. Hazardous chemicals and radioactive waste management**

Our institution, Andhra Mahila Sabha Arts and Science College for Women, is dedicated to promoting proper waste management practices and implementing initiatives to address various types of waste effectively. These efforts are crucial for maintaining a clean and healthy environment and fostering sustainability. Here's an overview of the facilities and initiatives in place for managing different types of waste:



**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**



1.Solid Waste Management:

- We have strategically placed dustbins across the campus to collect solid waste, and dedicated staff ensure proper disposal and cleanliness.
- Our campus features a compost pit for organic waste management, promoting the decomposition of organic matter into valuable compost.
- In addition to composting organic waste, our institution has established a biogas plant in the hostel premises. This plant efficiently converts organic wet waste into biogas, which can be used for cooking purposes, further reducing our carbon footprint.
- Furthermore, we actively promote vermicomposting as a sustainable method of managing organic waste. Vermicomposting, produced by earthworms consuming organic matter, is rich in nutrients and enhances soil fertility, supporting our commitment to environmental sustainability.
- The college's lush green landscaping, which includes 96 varieties of trees with medicinal values, contributes to natural decomposition and enriches the soil.

Dustbins

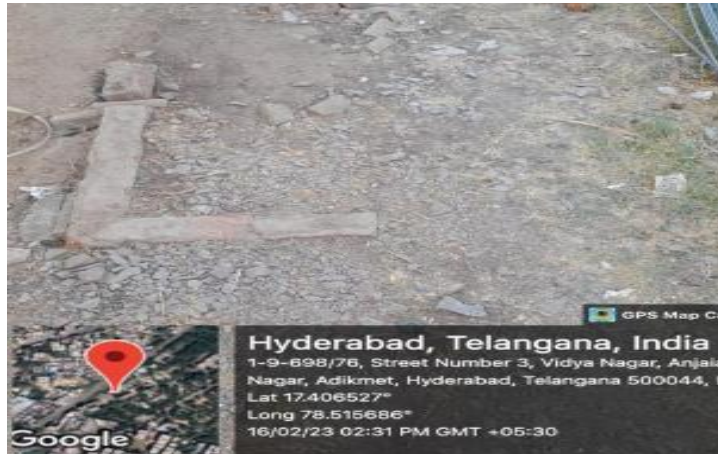




**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**



Raiwater Harvesting Pits

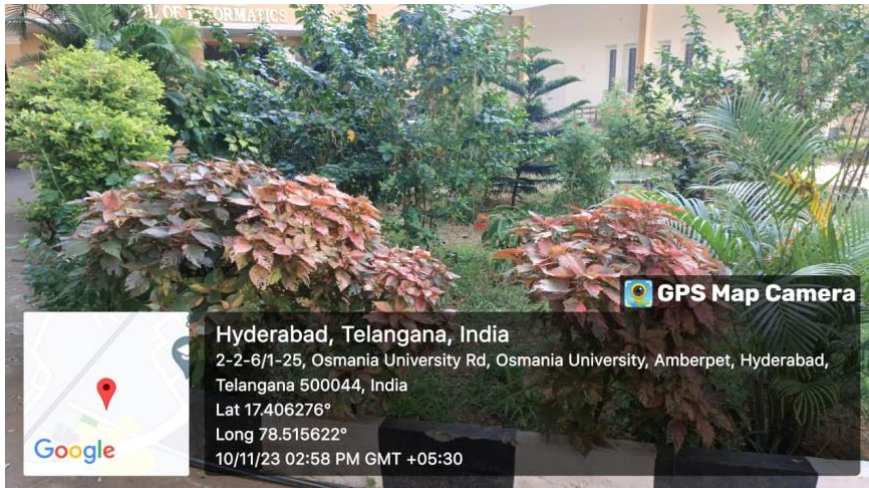


Green Landscaping





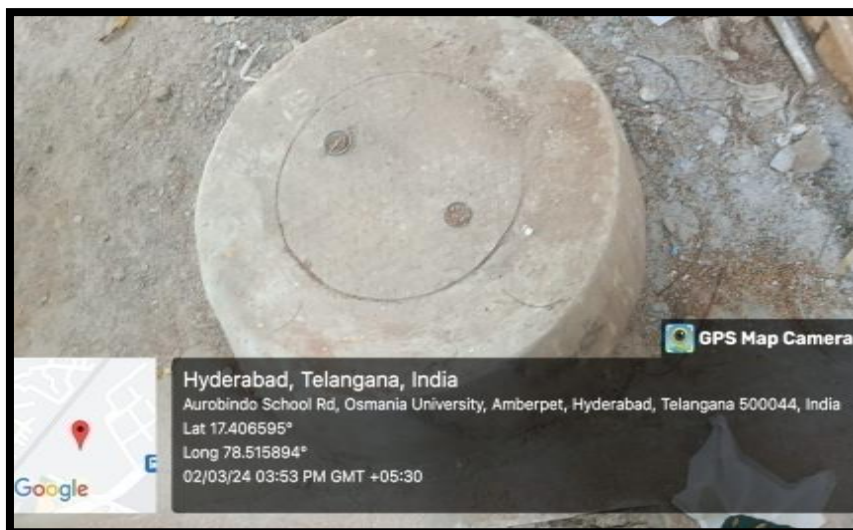
**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**



2.Liquid Waste Management:

- A well-designed drainage system ensures efficient management of liquid waste, preventing water logging and environmental hazards.

Drainage System



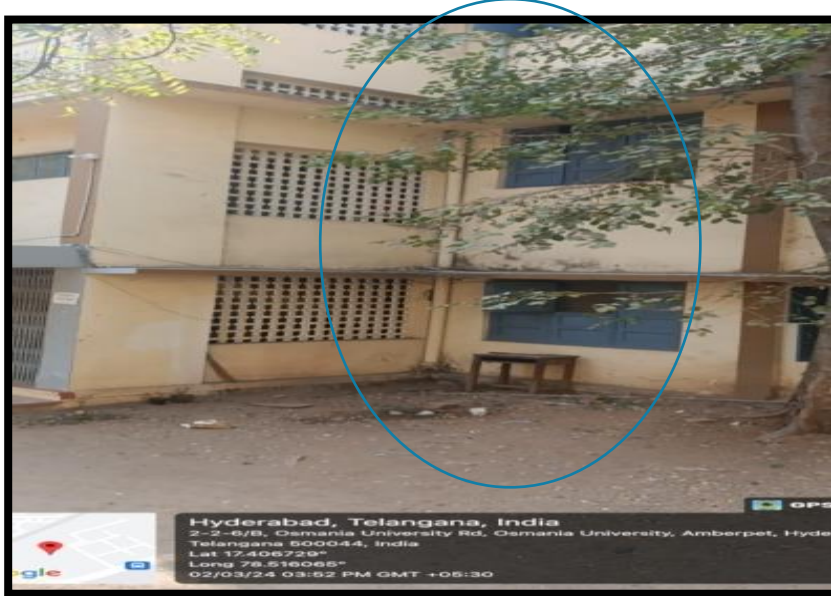


**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**





**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**



3.E-Waste Management:

- We prioritize awareness and sensitization among students and staff about the adverse effects of e-waste, promoting responsible disposal and recycling practices.
- The college encourages instrument repair to minimize e-waste generation and emphasizes the importance of sustainability and resource conservation.
- Our institution has established a Memorandum of Understanding (MoU) with Earth Box for e-waste management, facilitating proper disposal and recycling of electronic waste.



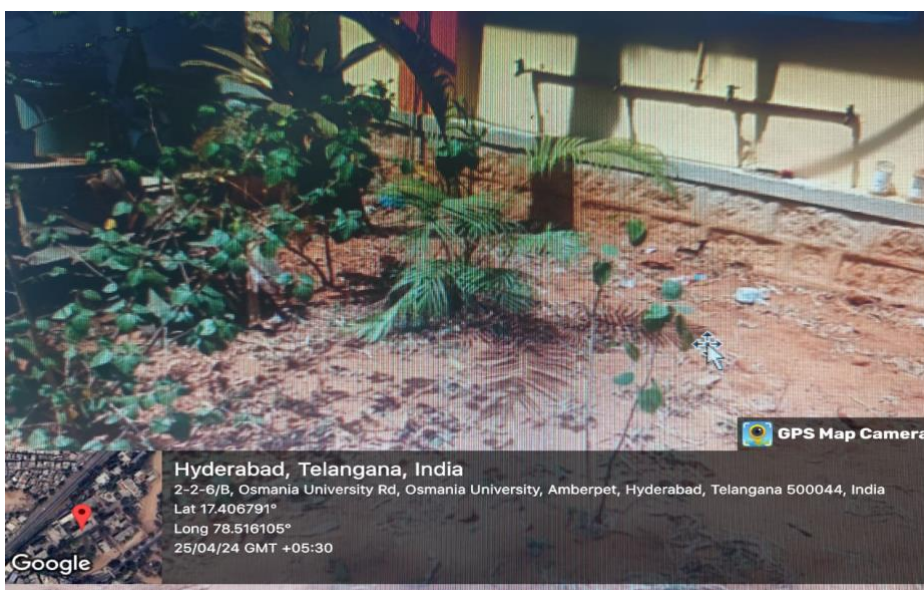


**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**



4.Wastewater Recycling:

- Wastewater from the Reverse Osmosis (RO) plant and wash areas is efficiently managed through recycling, primarily for watering plants. This sustainable practice reflects our commitment to environmental responsibility and water conservation.

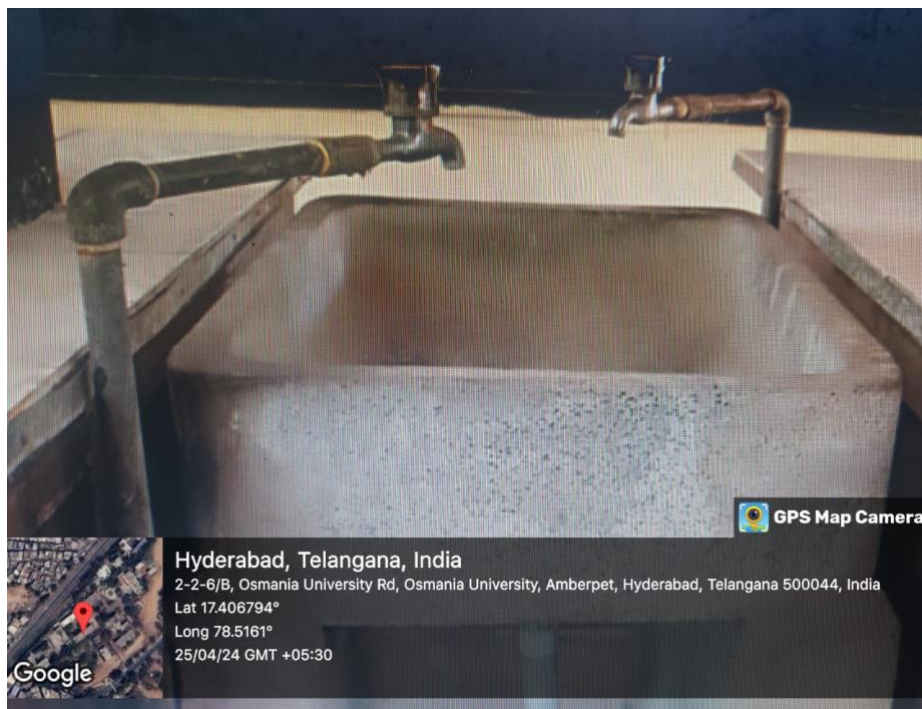
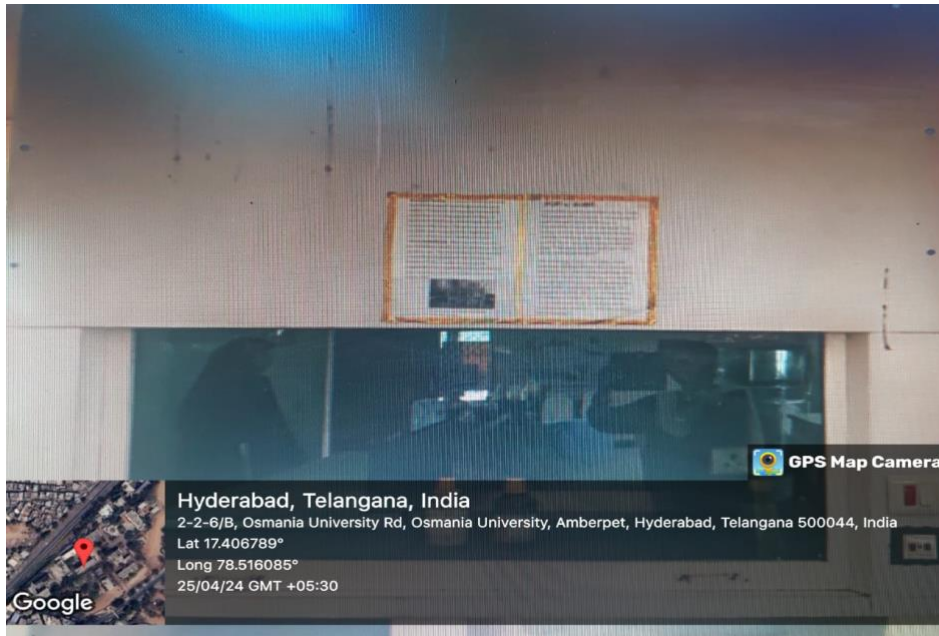


5.Hazardous chemicals and radioactive waste management:

- In the Chemistry Department, special hoods are installed to remove fumes from the lab, and proper ventilation systems are in place to ensure safety.
- Instead of conducting experiments with harmful chemicals by the students, only demonstrations are conducted to minimize risks.
- Hazardous liquids are diluted before disposal, and the Chemistry syllabus has been revised to incorporate eco-friendly practices and green chemistry principles.

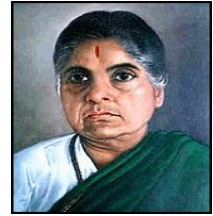


**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**





**ANDHRA MAHILA SABHA
ARTS & SCIENCE COLLEGE FOR WOMEN
(Autonomous)
O.U. Campus, Hyderabad – 500 007**



Additionally, our institution conducts various awareness programs, such as the "Plastic Free Drive," "Save Soil," and "Clean & Green" activities, to promote sustainability and responsible waste management. These initiatives aim to reduce waste generation, increase recycling, and create awareness about environmental conservation among students and staff.



K. S. Thirumala Rao

Principal I/c

PRINCIPAL
ANDHRA MAHILA SABHA
Arts & Science College for Women
(Autonomous)
O.U. Campus, Hyderabad - 500 007