

**Y.A. GOVERNMENT COLLEGE FOR WOMEN
CHIRALA**



Additional Information

**7.1.3 - FACILITIES IN THE INSTITUTION FOR THE
MANAGEMENT OF DEGRADABLE AND NON-
DEGRADABLE WASTE**

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Waste Management

Solid Waste Management

Aim:

To promote sustainable waste management practices and provide hands-on experience to students in composting organic waste for environmental and agricultural benefits.

Objectives

1. To engage students in practical waste management activities.
2. To create awareness about the importance of composting and recycling organic waste.
3. To develop skills in preparing and managing composting beds.
4. To produce nutrient-rich compost for use in college gardening and landscaping.
5. To encourage eco-friendly practices that contribute to environmental conservation.

Description:

The Department of Zoology actively participates in waste management practices. In this initiative, students from the I, II, and III years of the department are involved in collecting various types of waste, such as dry and wet leaves, waste paper, dry stems, and cattle dung. These materials are then arranged into beds under the waste management shed. The process begins with moistening and mixing the waste regularly for three consecutive days. Afterwards, earthworms are introduced into the prepared beds. The worms consume the organic matter and produce compost. Depending on the density of the waste, the composting process is completed within one to two months.

The compost produced is then utilized by students to enrich the soil of the college gardens, contributing to the growth and maintenance of the plants.

Outcomes

1. Students gain practical knowledge and experience in waste management and composting.
2. Improved awareness of the benefits of recycling organic waste.
3. Production of high-quality compost to enhance soil fertility and support sustainable gardening.
4. Reduction of organic waste through eco-friendly methods.
5. Contribution to a greener and more sustainable campus environment.

Problems Encountered and Resources Required

- Students faced challenges during the isolation and packing of compost because of broken glass particles present in the material. To address this, a sieve is a crucial resource for ensuring safe and efficient processing.









Organic waste composition by Zoology students

E-Check – E-Waste Management Awareness Programme

Objective of the Activity:

- To create awareness about e-waste and its environmental impact.
- To educate students on proper disposal and recycling methods of electronic waste.
- To promote responsible usage of electronic devices.
- To encourage sustainable practices among students.

Description of the Activity:

The Department of Computer Science organized an E-Waste Management Awareness Programme titled “E-Check” during the academic year 2025–26. The programme aimed to educate students about the growing concerns of electronic waste and its harmful effects on the environment.

During the session, students were informed about types of e-waste, safe disposal techniques, recycling processes, and the importance of reducing electronic waste. Faculty members delivered informative sessions and engaged students through discussions and awareness activities.

The programme highlighted the role of individuals in protecting the environment by adopting eco-friendly practices and minimizing e-waste generation.

Topics Covered:

- Introduction to E-Waste
- Environmental Impact of E-Waste
- Safe Disposal Methods
- Recycling and Reuse of Electronic Devices
- Sustainable Practices

Outcome of the Activity:

- Increased awareness about e-waste management.
- Understanding of responsible disposal methods.
- Development of environmentally conscious behaviour among students.
- Encouragement of sustainable lifestyle practices.



E-Waste Management- Awareness to the Students

