

# V.S.R. Government Degree & P.G. College

NAAC Reaccredited with a CGPA of 3.01 score at 'A' Grade

(Affiliated to Krishna University)

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**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

**. Management of the various types of degradable and non degradable waste**

- **Solid Waste Management: -**

Waste pollution is not only visually displeasing but also leads to the accumulation of a significant amount of litter. Solid wastes, which pose potential health hazards, can be classified into three main categories: Biodegradable, Non-Biodegradable, and Hazardous Waste. Biodegradable waste encompasses items such as food waste, canteen waste, and waste from toilets. Non-Biodegradable waste consists of materials like plastic, tin, glass, and bottles. Hazardous waste includes substances that can pose a threat to environmental health, such as cleaning chemicals and various laboratory-related products.

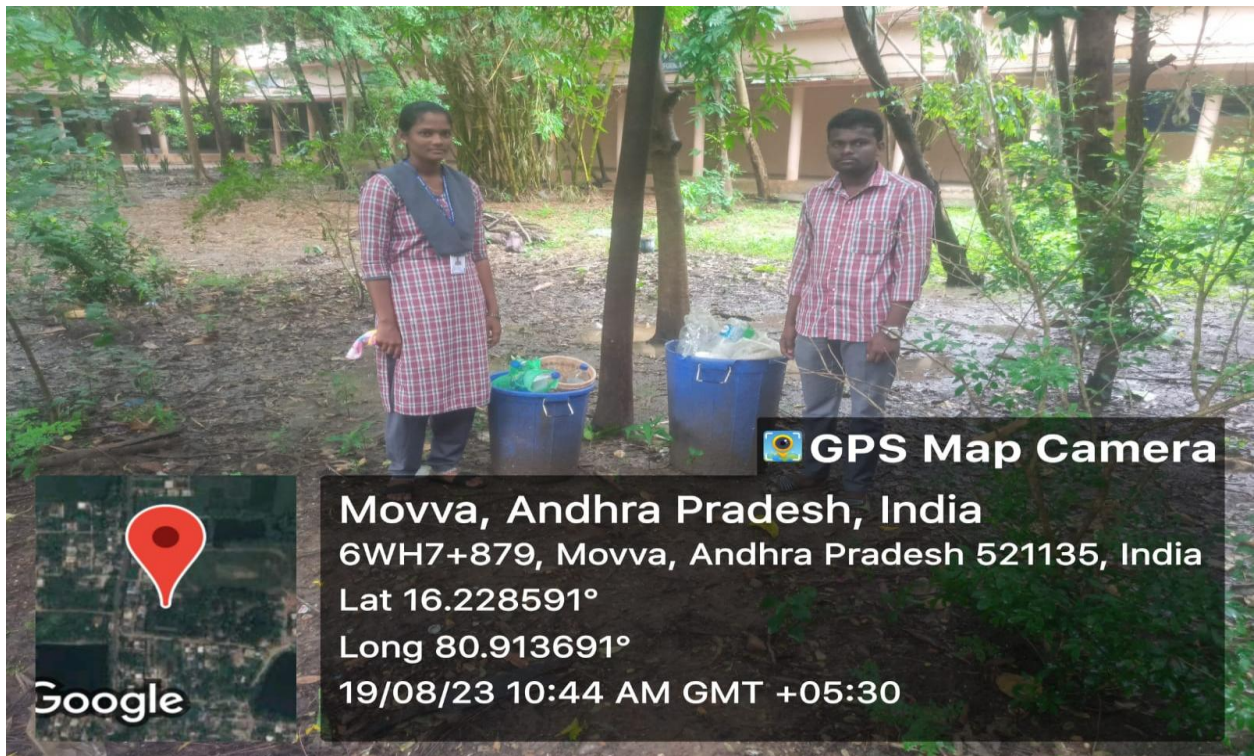
At V.S.R Government Degree & PG College, Movva, every department generates waste, which is then deposited in small waste bins within the respective departments. The biodegradable waste is efficiently converted into fertilizer through composting within the college campus.













- **Liquid Waste Management: -**

Liquid wastes are primarily discharged to enhance the groundwater quality. These liquid by-products originate from science laboratories such as Chemistry, Botany, Zoology, and the canteen. The college produces two main categories of liquid waste:

a) Sewage Waste

b) Laboratory and Canteen effluent.



- **E-Waste Management: -**

V.S.R Government Degree & PG College has implemented a highly effective system for the disposal of E-waste originating from diverse sources. The E-waste is generated in the Computer Lab, Science laboratories, and academic and administrative offices. This includes malfunctioning or outdated items such as lab instruments, circuits, desktops, laptops and accessories, printers, charging and network cables, Wi-Fi devices, sound systems, display units, UPS, Biometric Machines, Scientific Instruments, etc. Every effort is made to maximize the utilization of these wastes. Equipment that cannot be reused or recycled is carefully stored for future disposal.



- **Water conservation**

**The objective of this policy is to reduce water wastage and promote water conservation. We endeavor to adhere to the guidelines set forth in the National Water Policy on campus through the implementation of water conservation measures.**

On campus, water conservation primarily revolves around rainwater harvesting, where rainwater is collected and channeled into pond during the rainy season for percolation. The campus maintains bore wells to fulfill its water needs, implementing measures to groundwater recharging to ensure sustainable usage.

The promotion of water conservation is actively pursued through initiatives such as tree planting, green campus activities, and the organization of seminars and workshops. To further reduce water wastage, the campus emphasizes the practice of reusing and recycling water, with recycled water from RO water plant specifically employed for irrigating plants within the premises.

Additionally, the campus extends its efforts beyond its borders by organizing outreach activities aimed at raising awareness and educating the local community about the significance of water conservation and the various methods available for its preservation.







