



Sri Sarada College for Women

(An Autonomous Institution)

(Reaccredited with “A” grade by NAAC)

Institution included u/s 2(f) and 12(B) of UGC

Affiliated to Manonmaniam Sundaranar University

(A branch of Sri Ramakrishna Tapovanam, Tirupparaithurai)

**Ariyakulam, Tirunelveli Thoothukudi –High Road, Maharaja Nagar Post,
TIRUNELVELI- 627011.**



Criterion VII

7.1 Institutional Values and Social Responsibilities

7.1.3 Waste Management

2024-25



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Ariyakulam, Thoothukudi NH, Maharaja Nagar Post,

TIRUNELVELI-627011

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7.1.3 Facilities for the Management of Degradable and Non-Degradable Waste

The institution adopts a systematic and environmentally conscious approach to waste management by segregating, processing, and recycling various categories of waste solid, liquid, electronic, and chemical within the campus. The following facilities and practices are in place:

1. Solid Waste Management

The college has installed color-coded bins (Green for biodegradable and Red for non-biodegradable) across the campus to promote waste segregation at the source.

- Organic waste, such as food scraps and garden waste, is processed through vermi-composting units that utilize exotic earthworm species like *Eisenia foetida* and *Eudrilus eugineae*.
- The nutrient-rich compost produced is used in the college gardens and green spaces, thereby reducing reliance on chemical fertilizers.
- Regular monitoring ensures the efficiency of composting and cleanliness of disposal zones.

2. Liquid Waste Management

- All liquid waste is effectively channeled through a structured drainage system to *Neer Vazham Pond*, which also supports aquaculture.
- Chemical waste from laboratories is carefully directed into underground soak pits to prevent contamination.
- A sprinkler irrigation system is employed to conserve water while maintaining the lawns and gardens.
- The institution also follows a zero-waste integrated bio-farming model linking dairy through vermiculture, ensuring minimal waste and maximum sustainability.
- Rainwater harvesting systems are implemented on rooftops and across the campus to recharge groundwater and reduce surface runoff.

3. E-Waste Management

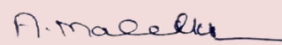
- Dedicated e-waste collection points are located in key areas such as the Physics Lab and hostel blocks, facilitating the convenient disposal of defunct electronic items like batteries, wires, and devices.
- The collected e-waste is handed over to government-authorized recyclers who ensure the safe dismantling, material recovery and disposal of hazardous components following environmental guidelines.
- The institution regularly organizes awareness campaigns and workshops to sensitize students, faculty, and staff about the environmental and health hazards of improper e-waste disposal.

4. Hazardous Chemical and Radioactive Waste Management

- The institution does not use radioactive materials or high-risk hazardous chemicals in its academic or research activities.
- Expired or unused laboratory chemicals are safely discarded in designated chemical disposal pits, located in the outer zones of the campus, minimizing risk to students and staff while protecting soil and groundwater from contamination. This integrated waste management system reflects the institution's ongoing commitment to environmental stewardship, sustainability and adherence to green campus norms.


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