



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

7.1.4 Water Conservation Facilities

2024-25



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TIRUNELVELI-627011



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7.1.4 Water conservation facilities available in the institution:

The College demonstrates a proactive commitment to sustainable water management through a variety of structured and eco-sensitive water conservation practices. These initiatives aim to promote groundwater recharge, reduce wastage and ensure the responsible use of water resources across the campus.

Rainwater Harvesting:

Rainwater harvesting systems are strategically implemented in all buildings on campus. Collection pits are constructed to capture rainwater runoff from rooftops, helping to prevent soil erosion and facilitate natural groundwater recharge. These systems play a critical role in replenishing the aquifers and enhancing water availability throughout the year.

Borewell and Open Well Recharge:

To counter the depletion of groundwater, the institution has developed surface runoff ditches and rainwater collection pits around all major borewells and open wells. These structures effectively channel rainwater into underground reservoirs, improving the water table levels and supporting the long-term sustainability of water resources.

Construction of Tanks and Bunds:

The institution's large and uneven topography consist of bunds and mini-reservoirs to trap and store rainwater across the campus and adjacent fields. These bunds direct water flow toward the *NeerVazham* Pond, the main water reservoir of the institution, ensuring efficient water retention and usage throughout the seasons.

Wastewater Recycling:

The college practices greywater recycling as part of its commitment to integrated farm practices. Wastewater generated from the dairy shed and hostel kitchen is diverted to irrigate plantain fields, enriching agricultural output while minimizing waste.

Maintenance of Water Bodies and Campus Distribution System:

The campus features open wells, borewells and a large water collection pond, all maintained for continuous water availability. A drip irrigation system is extensively used for lawns and greenery, ensuring minimal water consumption and maximum irrigation efficiency.

Through these integrated conservation practices, the institution fosters a culture of environmental responsibility and offers students and staff a practical model of sustainable water stewardship.


PRINCIPAL
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