



# **SREE NARAYANA COLLEGE OF EDUCATION**

**MAHE – PIN 673310**

**(Affiliated to Pondicherry Central University, Pondicherry & Recognized by NCTE)**

## **SSR – Criterion 7**

### **7.1.4 Documentary evidence in support of the claim**



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# SREE NARAYANA COLLEGE OF EDUCATION

## DOCUMENTARY EVIDENCE-INSTITUTION WATER MANAGEMENT AND CONSERVATION INITIATIVES

### Introduction

In response to increasing concerns over water scarcity and environmental sustainability, Sree Narayana College of Education (SNCE) plans to implement several water management and conservation strategies. This report provides an overview of the proposed initiatives, including rainwater harvesting, wastewater recycling, reservoirs/tanks, and economical usage practices.

### 1. Rainwater Harvesting

**Description:** Collecting and storing rainwater to reduce reliance on traditional water sources and enhance water availability.

#### Proposed Plan:

- **System Installation:** Install rainwater harvesting systems on building rooftops to collect and store rainwater.
- **Usage:** Use stored rainwater for irrigation and non-potable applications.

#### Expected Benefits:

- **Reduced the usage of well water:** Decrease the usage of underground water
- **Cost Savings:** Lower water expenses.

### 2. Wastewater Recycling

**Description:** Treating and reusing wastewater for purposes like irrigation

#### Proposed Plan:

- **Treatment Facility:** Set up a small-scale wastewater treatment plant for greywater from sinks and showers.
- **Reutilization:** Use treated wastewater for landscape irrigation and other non-potable uses.

#### Expected Benefits:

- **Water Conservation:** Reduce fresh water use for irrigation.
- **Waste Reduction:** Decrease wastewater discharge.

### 3. Reservoirs/Tanks



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**Description:** Constructing reservoirs and tanks to store water for future use, ensuring a stable supply during high demand or shortages.

**Proposed Plan:**

- **Construction:** Build reservoirs and tanks to store water efficiently.
- **Management:** Develop a plan for water distribution and maintenance.

**Expected Benefits:**

- **Enhanced Water Security:** Provide a reliable water supply during peak usage.
- **Efficient Management:** Improve overall water availability.

**4. Economical Usage**

**Description:** Implementing practices and technologies to reduce water consumption, such as low-flow fixtures and conservation policies.

**Proposed Plan:**

- **Installations:** Upgrade to water-efficient fixtures and appliances.
- **Policies:** Develop water conservation policies and conduct awareness programs.

**Expected Benefits:**

- **Reduced Water Consumption:** Achieve significant reductions in water use.
- **Sustainability:** Foster a culture of water conservation.

**Conclusion**

Sree Narayana College of Education's proposed water management and conservation initiatives, including rainwater harvesting, wastewater recycling, reservoirs/tanks, and economical usage practices, aim to enhance sustainability and reduce water consumption. These initiatives will help address future water challenges and contribute to the college's environmental goals.



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