



## स्वामी राम हिमालयन विश्वविद्यालय Swami Rama Himalayan University

### Policy for Water Conservation

Approved	Board of Management on 12 <sup>th</sup> January 2019
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Reviewed / Revised	Board of Management on 29 <sup>th</sup> March 2022
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Next Review	2025-26

**Swami Rama Himalayan University**  
Swami Ram Nagar, Jolly Grant- 248 016, Dehradun, Uttarakhand

# **Swami Rama Himalayan University**

## **Policy for Water Conservation**

### **1. Short Title & Commencement**

- 1.1 This Policy shall be called the “**Policy for Water Conservation**” of Swami Rama Himalayan University.
- 1.2 This Policy shall be deemed to have come into force from the date of approval of the Board of Management of the University.

### **2. Purpose**

This policy establishes the framework for sustainable water management at SRHU. It provides guidelines for responsible usage, conservation, recycling, and recharge practices to ensure long-term sustainability of water resources on campus.

SRHU acknowledges its ecological responsibility and aligns its efforts with the UN Sustainable Development Goal 6 (Clean Water and Sanitation). Through this policy, SRHU pledges to:

- 2.1 Promote a culture of water mindfulness and responsible use.
- 2.2 Optimize water conservation and management practices in academic, healthcare, residential, and outdoor areas.
- 2.3 Foster awareness through education, research, and community engagement programs.
- 2.4 Contribute to the environmental well-being of the region.

### **3. Scope**

This policy applies to all stakeholders of SRHU and covers:

- 3.1 Academic and administrative buildings
- 3.2 Hospitals and healthcare facilities
- 3.3 Hostels and staff residences
- 3.4 Laboratories and research facilities
- 3.5 Outdoor areas, irrigation, and landscaping

## 4. Goals

The policy goals are to:

- 4.1 Reduce water consumption per capita across all facilities
- 4.2 Increase reuse and recycling of wastewater.
- 4.3 Enhance groundwater recharge and reduce reliance on external water sources.
- 4.4 Enhance groundwater recharge and reduce reliance on external water sources.
- 4.5 Ensure water-efficient and sustainable infrastructure.
- 4.6 Foster education and research on water conservation practices.

## 5. Strategic Measures for Implementation

The following measures will be taken to conserve water in the SRHU Campus:

### 5.1 Buildings

- 5.1.1 Install low-flow taps, showerheads, and dual-flush toilets.
- 5.1.2 Promote use of waterless urinals.
- 5.1.3 Adopt grey water recycling for irrigation and landscaping.
- 5.1.4 Encourage energy-efficient building management practices such as closing doors/windows in conditioned spaces and switching off unused appliances to reduce indirect water consumption.

### 5.2 New and Renovated Infrastructure

- 5.2.1 Adhere to green building norms (IGBC/LEED) for water-efficient design.
- 5.2.2 Integrate rainwater harvesting systems in all new buildings.
- 5.2.3 Install water meters in major facilities for monitoring.
- 5.2.4 Design landscaping with native drought-resistant plants.

### 5.3 Water Treatment and Reuse

- 5.3.1 Operate and maintain STPs using MBBR technology; reuse treated water for gardening, vehicle washing, and road cleaning.
- 5.3.2 Operate ETPs for wastewater from laboratories and laundry to prevent contamination.
- 5.3.3 Promote waterless urinals across the campus

#### **5.4 Sustainable Campus Practices**

- 5.4.1 Maintain rainwater harvesting pits and rooftop storage for groundwater recharge.
- 5.4.2 Implement a rooftop rainwater harvesting tank based on a 365-day model.
- 5.4.3 Use drip irrigation and moisture sensor-based smart irrigation for landscaping.

#### **5.5 Awareness and Capacity Building**

- 5.5.1 Conduct annual awareness drives for students, staff, and faculty.
- 5.5.2 Train stakeholders in water-saving practices and systems.
- 5.5.3 Expand community training programs on water management, spring-shed management, and water quality monitoring.

#### **5.6 Research and Innovation**

- 5.6.1 Promote research and projects on water recharge and sustainable management.
- 5.6.2 Support innovations such as SRHU's patented 'Direct Injection' technique for recharging dried hand pumps.
- 5.6.3 Encourage academic engagement through projects and curricula integration.

#### **5.7 Responsibilities**

This policy applies to all stakeholders of SRHU and will be managed by:

##### **5.7.1 University Leadership**

- 5.7.1a Oversee implementation and allocate resources for water conservation projects.
- 5.7.1b Monitor effectiveness and ensure compliance with this policy.
- 5.7.1c Evaluate conservation initiatives regularly.

##### **5.7.2 Facilities & Maintenance Department**

- 5.7.2a Operate and maintain STP, ETP, rainwater harvesting, and irrigation systems.

5.7.2b Ensure installation and upkeep of water-efficient fixtures.

#### **5.7.3 Academic Departments and Research Units**

5.7.3a Integrate water conservation into research and projects.

5.7.3b Encourage academic engagement with sustainable water practices.

#### **5.7.4 Faculty, Staff, and Students**

5.7.4a Adopt responsible water use in daily activities.

5.7.4b Report leakages and wastage immediately.

5.7.4c Actively participate in awareness and conservation initiatives.

#### **5.7.5 WATSAN**

5.7.5a Provide technical expertise in water and sanitation projects.

5.7.5b Extend community outreach in water conservation and safe drinking water initiatives and implement schemes in remote villages.

6. This policy shall be reviewed every **three years** or earlier if required to accommodate new educational practices, regulatory requirements, or emerging student needs.
7. The University reserves the right to interpret, alter, amend, modify, cancel or withdraw any or all provision mentioned herein above in this policy without any notice.
8. In case of any dispute, the decision of the Vice Chancellor of the University shall be final and binding.

