



# PATNA WOMEN'S COLLEGE

Autonomous

PATNA UNIVERSITY

3<sup>rd</sup> Cycle NAAC Accredited at 'A' Grade with CGPA 3.58/4

*'College with Potential for Excellence' (CPE) status accorded by UGC*

Ref. No. : PWC/PLY/PWC/01/21

## POLICY ON WATER CONSERVATION

### 1. Preamble

In keeping with its objective **'to protect, preserve and judiciously use the resources of the earth'**, Patna Women's College (Autonomous) is committed to develop, protect and sustain a clean and green campus where natural resources are conserved and intelligently used. The **Policy on Water Conservation** will apply to all the faculty members, the staff, students and other stakeholders in the campus.

### 2. Objectives

The Policy on Water Conservation provides a broad framework and a set of standard norms for sustaining the physical environment and conserving the valuable water resources at Patna Women's College. The basic objectives of the policy are:

- **To inculcate** the importance of natural resources and the practice of resource conservation among the students and staff
- **To adopt** the measures of conservation and maintenance of water and water bodies in the campus
- **To reduce** and minimize the wastage of water and over exploitation of water resources
- **To spread** awareness regarding related environmental aspect and issues

### 3. Institutional Initiatives

Patna Women's College protects its physical environment and conserves the existing water resources by implementing eco-friendly campus initiatives. Its thrust areas include:

**Rainwater Harvesting:** Rainwater is collected in **3 ponds** in the campus. The pond water is used by students for various experiments and to study plankton diversity and also used in summer for watering the plants.



**Borewell facility :** The college maintains altogether **10 borewells** those are used to meet the water requirement and for the perennial water supply in the campus.

**Construction of Tanks :** There are 1 underground and 3 surface water tanks constructed in the campus. These tanks serve as water reservoirs for the purpose of storage and conservation of valuable water resource.

**Maintenance of Water Bodies and Distribution System :**

- Water distribution system in the campus is properly maintained.
- During rainy season the **runoff rainwater is collected** in the **three large surface tanks** and water is stored in **one underground tank** located adjacent to the buildings for the use of various needs.
- The tanks are **regularly maintained** and **cleaned** from time to time.
- The water bodies are kept **neat and clean** where **fishes are reared**.
- The **surroundings** are **beautifully maintained** with plants and flower beds.
- The water from the ponds and tanks are utilized for **watering the plants** in the gardens.
- **Leaking taps and pipes** are immediately **repaired**.
- **Sensor based water taps** have been **installed** at appropriate places to **prevent water wastage**.

**Waste Water Management:**

- Dirty and unusable water goes into a **Sump** from where it is channelled into the **municipal drainage** regularly.
- Municipal authorities regularly visit the campus with their vans for the liquid waste collection.

**Awareness Generation:**

- **Forums and Clubs for Environment/ Resource Conservation:** The college has a student body **Environmental Conservation Outreach (ECO) Task Force** and an environment club **Srishti** that works for the environmental protection by undertaking different awareness programmes. The enrolled members take a pledge to become committed towards conservation of environmental resources.
- Several awareness programmes on environment issues, green campus initiatives and resource conservation are organised from time to time.
- During the Student Orientation Programme held for the newly admitted students, one special session is conducted on Environmental Awareness.



- Display signages based on water conservation are put up at appropriate places in the campus.
- The departments have been given turns to conduct environmental awareness activity on the first Tuesdays of every month as per the Govt. of Bihar initiative 'Jal Jeevan Hariyali'.

### 3. Responsibilities

The management of Patna Women's College (Autonomous) hereby asserts the following responsibilities to be undertaken by its faculty, staff and students:

- No one will leave the water taps open in the washrooms, canteen and labs.
- **Wastage of water will be restricted** and reduced by all stakeholders in the campus.
- Leakage in water taps and pipes will be **immediately repaired** in order to check the wastage of water.
- Every stakeholder will ensure the **cleanliness and maintenance of water bodies / ponds**.
- Staff and students will be encouraged to adopt the three Rs of resource conservation and waste reduction – **Reduce, Reuse and Recycle**.

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