

DPU

Dr. D. Y. PATIL VIDYAPEETH, PIMPRI, PUNE

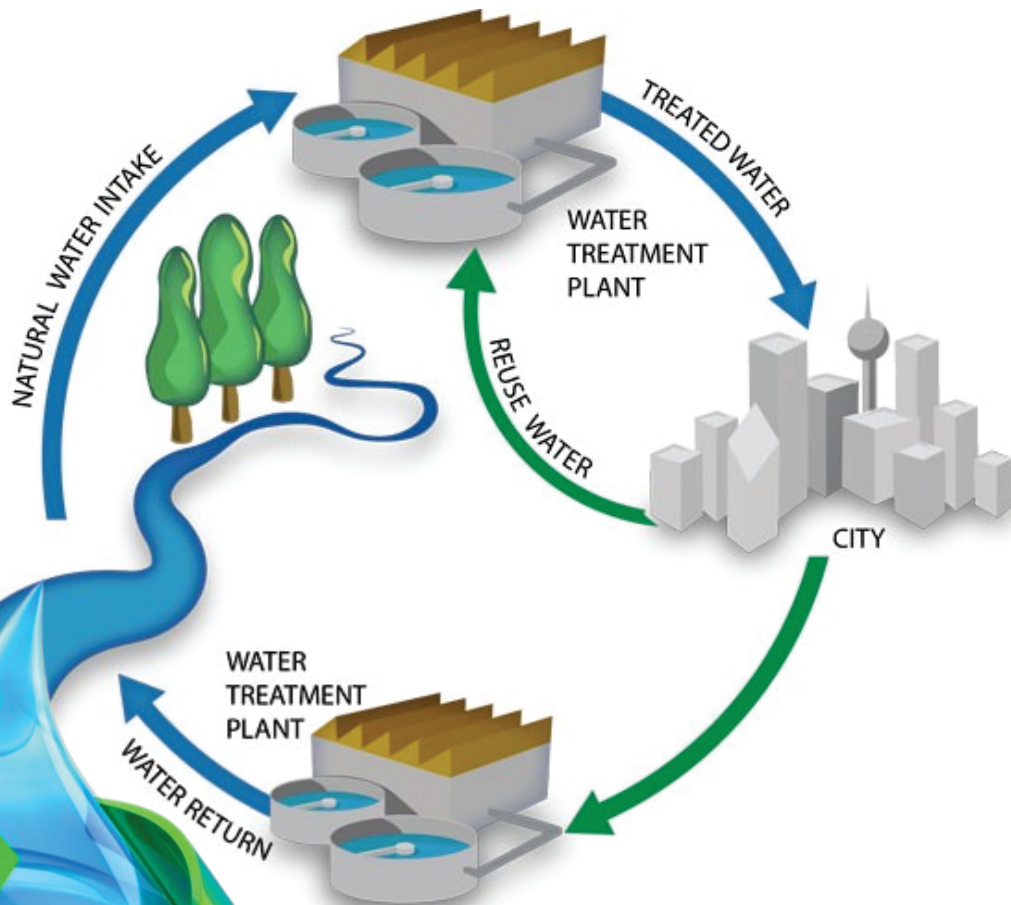
(Deemed to be University)

(Accredited (3rd Cycle) by NAAC with a CGPA of 3.64 on four point scale at 'A++' Grade)

(Declared as Category - I University by UGC Under Graded Autonomy Regulations, 2018)

(An ISO 9001:2015, ISO 14001:2015 Certified University)

Water Conservation and Reuse Policy



Amended in 2024

NOTIFICATION

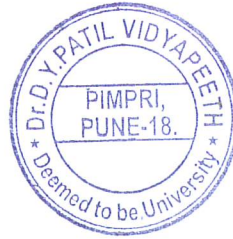
In pursuance of the resolutions passed by the **Executive Council** at its meeting held on **26th June 2024** vide **Resolution No. EC-29(iii)-24**.

It is hereby notified for the information of all concerned that Dr. D. Y. Patil Vidyapeeth, Pimpri, Pune has published "**Revised Water Conservation and Reuse Policy (Amended in June, 2024)**" for the Vidyapeeth.

This Revised Policy comprises the following:

- Vision
- Mission
- Policy Statement
- Objectives
- Implementation Guidelines
- Liability, Accountability, Action Plans and Goals
- Regulations and Enforcement Mechanism
- Review and Amendments

This Revised Policy will serve as a detailed guideline and will be useful to all concerned. This will come into force with immediate effect.




(Dr. Narendra M. Kadu)
Registrar

Copy to;

1. P.S. to Chancellor for the Kind information of Hon'ble Chancellor, Dr. D. Y. Patil Vidyapeeth Pune.
2. P.S. to Vice Chancellor for the Kind information of Hon'ble Vice Chancellor, Dr. D.Y. Patil Vidyapeeth, Pune.
3. P.S. to Pro Vice Chancellor for the Kind information of Hon'ble Pro Vice Chancellor, Dr. D.Y. Patil Vidyapeeth, Pune.
4. Director (IQAC), Dr. D.Y. Patil Vidyapeeth, Pune.
5. Director (Administration: Quality Assurance, Faculty Development & Research), Dr. D. Y. Patil Vidyapeeth, Pune
6. Director (Research), Dr. D.Y. Patil Vidyapeeth, Pune.
7. Controller of Examinations, Dr. D.Y. Patil Vidyapeeth, Pune.
8. Finance Officer, Dr. D.Y. Patil Vidyapeeth, Pune.
9. All the Heads of the Colleges / Institutes of DPU
10. Web master for uploading on DPU website.

Encl: As above

Water Conservation and Reuse Policy

WATER CONSERVATION AND REUSE POLICY FOR DPU

WHEREAS Dr. D. Y. Patil Vidyapeeth, Pune popularly known as “DPU”, managed by **Dr. D. Y. Patil Vidyapeeth Society, Pune**, was declared as “Deemed-to-be-University”, under **Section 3 of UGC Act 1956** in **2003**. To start with, there was one constituent college i.e., Dr. D. Y. Patil Medical College, Hospital and Research Centre, Pune. Later, a few more constituent colleges were established and / or brought under the ambit of the DPU.

AND WHEREAS today the Vidyapeeth has 14 constituent institutions under its umbrella. All the institutions have the approval / recognition of the relevant statutory bodies to offer UG, PG Degree/Diploma, Super-specialty and Ph.D. programmes in relevant and emerging disciplines, specializations, and super specializations.

AND WHEREAS, as per the provisions of University Grants Commission (Institution Deemed to be University) Regulations, 2019 in Sub Clause Nos. 10.07 sub-sub clauses 10.07.1 and 10.07.2 provides that the Board of Management shall be the Principal Organ of Management and the Apex Executive Body of the Institution Deemed to be University, with powers to make rules and shall be the final decision-making body in respect of every matter including academic, administrative, personnel, financial, development matters of institution Deemed to be Universities.

AND WHEREAS, as per the provisions of University Grants Commission (Institution Deemed to be University) Regulations, 2023 Clause 11 and Sub Clause No. 11 (3) and 11 (4), Clause 13 and Sub Clause No. 13 (1) and 13 (2) of the Regulations provides that the Executive Council shall be the Principal Organ of Management and the Apex Executive Body of the Institution Deemed to be University, with powers to make rules and shall be the final decision making body in respect of every matter including academic, administrative, personnel, financial, development matters of institution Deemed to be University.

AND WHEREAS a policy is required to prescribe the activities to be carried out in Constituent Colleges / Institutions / Hostels / Hospitals / Canteens / Staff Quarters / Gardens and Offices for water conservation while ensuring exercise of this policy by every individual inside the campus for which the Vidyapeeth has introduced this Water Conservation and Reuse Policy.

AND WHEREAS, in exercise of the powers conferred under UGC (Institution Deemed to be Universities), Regulations 2023, the Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University) hereby makes the following Water Conservation and Reuse Policy, a set of guidelines, regulations, and initiatives governing water-related use & reuse practices within our educational Institutes.

Water Conservation and Reuse Policy

1. INTRODUCTION:

Water, Paani, Wasser, Acqua, H₂O perhaps the most familiar and widely used word in the world. Water needs no introduction, the importance of this is known to one and all. Water is a vital resource, and its sustainable use is critical for both the environment and society. This policy sets out guidelines for conserving water, promoting its efficient use, and ensuring that water reuse practices are in line with sustainability goals.

Many cities in India and around the world are already facing severe water shortages due to reduced rainfall, man-made climatic changes, reduction in ground water levels, population explosion, industrialization, and staggering amount of water wastages because of negligence by users & dilapidated water supply systems.

Water pollution, unavailability of drinking water, inadequate sanitation, open dumping of wastes, loss of forest cover are some of the major problems faced by many parts of India. Heavy toll of infant mortality due to water borne diseases, the daily struggle for procuring water, mismanagement of waste - water, improper sanitation are common features and are leading to serious consequences on human health and the economy of the country. The situation demands immediate intervention in the management of these rapidly growing problems, especially through an integrated approach for water conservation, sanitation, and related issues.

By implementing effective water management strategies, we at **Dr. D.Y Patil, Vidyapeeth (Deemed to be University)** as a responsible Higher Education Institution seek to minimize its environmental footprint and are dedicated to fostering and contributing to the global goal of water sustainability.

2. VISION:

Dr. D.Y Patil Vidyapeeth, (Deemed to be University) is dedicated and aims to create an environment within the campus that fosters and focuses on long-term sustainability, resilience to water scarcity, and innovation in resource management. As a Higher Education Institution, our vision is to create a future where water is managed as a shared, renewable resource. We are determined to lead by example in water conservation and reuse, creating a model for sustainable water management that safeguards the environment and promotes a responsible use of resources.

3. MISSION:

Dr. D.Y Patil Vidyapeeth, (Deemed to be University) core objective is "To secure a sustainable water future by advancing the safe, efficient, and innovative reuse of water across all sectors, ensuring the health of our communities, the resilience of our ecosystems, and the growth of our economy." Our Mission is ensuring Public Health & Safety, fostering innovation in Water Re-use Technologies and to Promote Economic Efficiency by encouraging the adoption of cost-effective water reuse systems we aim to promote and implement water conservation, reduce water consumption, and maximize water reuse across all DPU operations, ensuring that future generations have access to clean and sufficient water resources.

4. POLICY STATEMENT:

As part of our commitment to sustainable water management, Dr. D.Y Patil Vidyapeeth, (Deemed to be University) 'Water Conservation and Reuse Policy' seeks to promote the reuse of water as a key strategy in addressing water scarcity, protecting natural ecosystems, and ensuring a reliable water supply for all sectors. DPU is committed to implementing comprehensive water conservation and reuse strategies, reducing overall water consumption, and ensuring that water recycling is maximized. This will be achieved through technological innovations, educational programs, and by fostering a culture of responsible water use within the institution.

5. OBJECTIVES:

The DPUs Water Conservation and Reuse Policy Aims to:

- Reduce water consumption by a defined percentage over a specific period.
- Implement water reuse systems that contribute to the circular use of water within facilities.
- Educate staff, students, and the community on best water conservation practices.
- Ensure compliance with national water conservation regulations and international sustainability standards.

The DPU's Water Conservation and Reuse Policy Goals are:

- **Minimize Water Wastage:** Introduce efficient fixtures and water-saving devices in all facilities.
- **Maximize Water Reuse:** Implement greywater recycling and rainwater harvesting systems.
- **Increase Awareness:** Launch awareness campaigns to educate all stakeholders on water conservation and provide self-sufficiency to water supply.
- **Measure and Monitor:** Install water meters and monitor water usage regularly to track progress.
- **Innovate:** Adopt emerging technologies for better water management, such as smart irrigation and wastewater treatment.
- **Improve quality:** Provide high quality water and improve quality of ground water through dilution.
- Reduce cost of pumping and reduce soil erosion of ground water.

These Objectives and goals help guide Water Use and Re-use policies that promote health, cleanliness, and sustainability on campus.

6. DPU SUSTAINABLE WATER PRACTICES:

- Is to Ensure prioritizing water reuse within Dr. D.Y. Patil Vidyapeeth University & its Constituent Colleges/Institutes we are encouraging and demonstrating our commitment to sustainability and environmental responsibility, setting a positive example for students and staff alike.
- At Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University) by promoting, ensuring, and Implementing water recycling systems, we are aiming to conserving precious resources but also reducing our overall operational costs, making our institution more efficient and eco-friendlier.
- Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University) policy typically aims at empowering the community to understand the benefits of water reuse, fostering a culture of conservation that extends beyond campus through educational initiatives and awareness campaigns.
- Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University) aims at Implementing a water recycling system to treat and reuse greywater for landscaping, flushing, and other non-potable purposes. This system not only conserves valuable freshwater resources but also promotes sustainable practices within the institution. By integrating greywater reuse, we can reduce operational costs while contributing to a more resilient and environmentally responsible community.

Water Conservation and Reuse Policy

7. IMPLEMENTATION GUIDELINES:

DPU's water conservation policy framework has clarity, is practically possible and is adaptable to the environment. Our objective clearly defines the goals of the policy, including reducing water stress, promoting sustainability, and increasing water reuse as per below provisions:

- **Water Usage Audits:** Conduct regular water audits to identify areas of inefficiency.
- **Infrastructure Updates:** Upgrade outdated systems with water-efficient technologies.
- **Education Programs:** Provide training sessions and resources on water conservation methods.
- **Water Recycling Systems:** Install and maintain greywater recycling and rainwater harvesting systems in suitable locations.
- **Maintenance Protocols:** Develop preventive maintenance routines for all water systems to prevent leakage and wastage.

8. LIABILITY, ACCOUNTABILITY, ACTION PLANS & GOALS:

- **Liability:** Each department within DPU is responsible for ensuring water conservation measures are followed.
- **Accountability:** A Water Conservation Committee will be established to oversee policy implementation, set targets, and track progress.
- **Action Plans:** Develop short-term and long-term action plans that outline specific conservation projects, timelines, and responsible persons. A yearly report on water usage and conservation efforts will be published.
- **Goals:** Maintaining water bodies, water tanks, Bunds, Borewell and water distribution in Vidyapeeth Campus/Constituent Colleges/Institutions etc regularly. Use devise methods or alternatives to solve issues of water pollution at specific intervals.
- Building Maintenance Managers investigate aspects of water conservation, waste-water management and cleanliness in Halls / Classrooms / Canteens / Kitchens and food water management, cleanliness, waste-water management, water conservation.
- Waste-water Management Initiatives should be emphasised by the management on issues related to waste-water recycling. The approach in management of wastewater needs to be encouraged by the Vidyapeeth Authorities across campuses.

9. REGULATIONS AND ENFORCEMENT MECHANISMS:

At DPU we believe in following strict standards, and effective mechanisms to be put in place to ensure safe, sustainable, and effective implementation of water reuse systems including Fines or penalties for excessive water use or wastage in times of drought, or non-compliance with efficiency standards.

- **Inspections:** Establish routine inspections by regulatory agencies to verify compliance with permits and water quality standards. Inspections should cover treatment plants, distribution systems, and end-use sites.
- **Penalties for Non-Compliance:** Implement penalties for entities that fail to comply with water reuse regulations. These could include fines, suspension of permits, or, in severe cases, closure of non-compliant facilities.

Water Conservation and Reuse Policy

- **Corrective Actions:** Define procedures for addressing violations, including timelines for corrective actions, remediation of environmental damage, and steps to prevent future violations.

10. REVIEW AND AMENDMENTS:

The DPU's Water Conservation and Reuse Policy will be reviewed annually to assess its outcomes, effectiveness, and amendments will be made as necessary based on emerging water conservation technologies, regulatory updates, feedback, performance data, and technological advancements and/or changes in water consumption patterns.

11. CONCLUSION:

Water conservation is everyone's responsibility. Through the implementation of this policy, DPU as a responsible Higher Education Institution, guides its individuals & institutions to pledge towards using water wisely. aims to foster a culture of sustainability and environmental stewardship, ensuring that our water resources are managed efficiently for future generations.

We will ensure that the policy will help us achieve our target through meticulous implementation of the policy at **Dr. D.Y Patil Vidyapeeth, (Deemed to be University)** and its Constituent Colleges / Institutions / Hostels / Hospitals / Canteens / Staff Quarters / Gardens / Offices to provide us with higher levels of Usable Water. By establishing a clear regulatory framework and robust enforcement mechanisms, the water reuse policy ensures public health, environmental protection, and sustainable water management.

Implementation Date: 25/04/2014

Revision Date: 26/06/2024

Sd/-
Dr. Narendra. M. Kadu
Registrar