



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN



: Founder :

Dr. Patangrao Kadam

M.A., LL.B., Ph.D.

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'A' Grade by NAAC in 2024

● Id No. : PU/PN/Engg./150/2000 ● DTE College Code : EN6285

Principal :

Prof. (Dr.) Pradeep V. Jadhav

M.E., Ph.D.(Mech. Engg.), FMASC, FLMIET, MSAEINDIA



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Policy Document: Water Conservation Methods and Facilities

Bharati Vidyapeeth's College of Engineering For Women, Pune 43 recognizes the importance of water conservation in ensuring sustainable use of this vital resource. This policy document outlines the guidelines and measures for water conservation, along with the establishment of facilities to promote efficient water usage within the college premises.

Objectives:

1. To reduce water consumption through efficient management practices and technological interventions.
2. To raise awareness among students, faculty, and staff about the importance of water conservation and their role in achieving water sustainability.
3. To implement measures for rainwater harvesting, water recycling, and other water conservation techniques to minimize water wastage.
4. To monitor water usage and implement corrective actions to address inefficiencies and promote responsible water management.

Responsibilities:

1. Institute Administration: The institute administration is responsible for implementing water conservation measures, allocating resources for infrastructure development, and ensuring compliance with water conservation guidelines.
2. Faculty and Staff: Faculty and staff are responsible for promoting water conservation practices among students, adhering to water-saving measures in their daily activities, and reporting any water-related issues to the relevant authorities.
3. Students: Students are responsible for practicing water conservation methods, participating in awareness campaigns, and contributing ideas for improving water management on campus.

Water Conservation Measures:

1. Efficient Fixtures: Installation of water-efficient fixtures such as low-flow faucets, aerators, and dual-flush toilets to minimize water consumption.
2. Leak Detection and Repair: Regular inspection of plumbing systems to detect and repair leaks promptly to prevent water wastage.
3. Rainwater Harvesting: Implementation of rainwater harvesting systems to collect and store rainwater for non-potable uses such as irrigation and toilet flushing.
4. Water Recycling: Installation of water recycling systems to treat and reuse wastewater for non-drinking purposes such as flushing toilets and watering plants.
5. Landscaping Practices: Adoption of drought-tolerant landscaping practices and use of native plants that require less water for maintenance.



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6. Awareness Campaigns: Organizing workshops, seminars, and awareness campaigns to educate the college community about the importance of water conservation and ways to reduce water usage.

Facilities:

1. Rainwater Harvesting System: Installation of rainwater harvesting infrastructure to capture and store rainwater for campus use.
2. Water Recycling Plant: Establishment of a water recycling plant to treat wastewater and reuse it for non-potable purposes.
3. Water Metering: Installation of water meters to monitor water usage in different areas of the campus and identify opportunities for conservation.
4. Water-efficient Fixtures: Retrofitting existing plumbing fixtures with water-efficient alternatives to reduce water consumption.

Monitoring and Evaluation:

1. Regular monitoring of water usage through metering and analysis of consumption patterns to identify areas for improvement.
2. Periodic evaluation of the effectiveness of water conservation measures and implementation of corrective actions as necessary.
3. Reporting on water conservation efforts and achievements to stakeholders and the institute community through regular communication channels.

Outcome:

Bharati Vidyapeeth's College of Engineering For Women, Pune 43 is committed to promoting water conservation through the implementation of efficient management practices and the establishment of facilities to minimize water wastage. By working together and adopting sustainable water management practices, we can contribute to the preservation of this precious resource for future generations.



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