

ख़्वाजा मुईनुद्दीन चिश्ती भाषा विश्वविद्यालय,
लखनऊ

**KHWAJA MOINUDDIN CHISHTI
LANGUAGE UNIVERSITY,
LUCKNOW**

U.P. STATE GOVERNMENT UNIVERSITY



Water Conservation Policy

1. Introduction

Water is a prime natural resource, a basic human need and a precious national asset. National Water Policy 2002 planning, development and management of water resources need to be governed by national perspectives. The demand for water among various sectors is increasing due to population growth and economic development, in turn creating competition within sectors. The severity of this issue will have direct impact on water and food security of the country in future. Due to over exploitation of water resources, it has become scarce in many parts of the country as well as in the University itself. The concerted efforts of the government are trying to prolog this situation. The '*Jal Shakti Abhiyan*' will focus on five aspects, water conservation and rainwater harvesting, renovation of traditional and other water bodies, reuse of water and recharging of structures, watershed development, and intensive afforestation, drinking water sanitation. As a result, Khwaja Moinuddin Chishti Language University, Lucknow with its credential in academics and involvement in development of environment has enacted Water Conservation Policy to resolve and create set of water conservation requirements as well as rate structures design to conserve water.

Motto: The motto of Water Conservation Policy is: *We need the BLUE to keep the GREEN.*

2. Water Conservation As Policy

Water is vital components for University operations to support all work, study and research. All members of the University community will endeavor to adopt efficient usage of water in all possible ways. This can be managed through awareness and adoption of efficient practices and procedures. The University community shall make informed choices to minimize the University's environmental footprint and consequently act to improve the University's environmental performance. The University will also embed sustainability into the curriculum to sensitize the students, faculty member and staff to make them to act towards the goals.

The University has identified many techniques for conservation of water for which University has made an assessment and review water utilization, and identify key areas where frequent utilization of water as resources, maintain and provides hassle


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free supply of water for 24*7. **Water Conservation Policy** of the University is to achieve water in natural way without disturbing the ecosystem. The University will be implemented water efficient fixtures in its campus ensuring 100% treatment and recycling of sewage and rain water harvesting. Student, faculty member and staff play a major role in the water sustainability strategy. Reducing water consumption and protecting is the key objective of Water Conservation Policy. The University is committed to water conservation, responsible consumption, and the restoration of surface and groundwater.

3. Purpose

The objective of this policy is to ensure that the university operates in a sustainable manner by managing water efficiently, wisely and responsibly. This policy contributes to meeting the university's commitments and goals with water-related issues. The university has ascertained a goals to reduce water consumption by 5% annually. The policy supports the university's commitment to environmental sustainability and calls upon for change in individual behaviors, actions, and campus processes.

4. Scope of the Policy

This policy applies to all faculty members, staff, students, researchers and other members of the campus community. All sources of water are under the ambit of this policy.

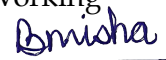
5. Responsibilities

Members of the University campus-Faculty member, staff, students, researchers and visitors are responsible for identifying areas of water use. This will also suggest measures to remedy inefficiencies and help to monitor their removal in association to efforts undertaken.

6. Committee on Water Conservation and its Sustainability

The committee is responsible for developing water conservation awareness campaigns and assisting members of the University community to find potential solutions to address inefficiencies. It will also be responsible for approving water management plan, updation of policy, approving conservation procedures, engaging working groups to develop and implement solutions, and supporting working


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groups in allocating required resources. It will also be responsible for leading the institutionalization of sustainability in all areas of campus life.

7. Procedures

- Any process, procedure or equipment that does not use water efficiently, should be identified and required solutions may be adopted for implementation of appropriate efficiency.
- All equipment procurement decisions should include water consumption specifications. Attempts should be made to procure equipment's of highest efficiency models.
- Water audit should be undertaken annually by University authorities with analysis and compliance. An Action Taken Report should be prepared on regular basis.
- Best Practices may be adopted by one and all in the University campus.
- The teaching and researcher fraternity should continuously engage themselves to undertake **Research & Development** projects towards environmental sustainability.

8. Organization and Management

The responsibilities and organization for this Policy lie with a variety of personnel within the University.

Advisory Board

- a. Vice-Chancellor- Chairman
- b. Dean (Arts & Humanities, Social Science, Sciences, Commerce and Law)
- c. Representative of Geography/Environment/Civil Engineering Department
- d. Two experts from outside the University (to be nominated by the Vice-Chancellor)
- e. Student representatives

Functions of Advisory Board

- I. Coordinate with the provisions of water conservation service for use by all facilities on the campus.


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- II. Ensuring that all contractors are advised that they must comply with the University's duty of care and Water Conservation Policy.
- III. Ensuring that all contractors appointed to carry out water management are authorized by the competent authority.

Coordinators, Heads of Department / Directors are Responsible for:

- 1) Providing advice and guidance to the University and to the students on Water Conservation System and its policy.

Performance Goals:

KMC Language University is working towards making the facilities more and more water sustainable. This has been achieved with the use of water efficient fixtures, waste water treatment technologies, rain water harvesting and smart metering for monitoring.

- There is a dedicated and segregated water supply grid system in KMCLU for fresh water and garden use. One tube-well for fresh water is connected in separate grid system. Water storage tank in each building is fitted with float valves.
- In the Academic Building and Hostel having separate RO and water cooler to facilitate safe and clean drinking water supply through tap in judicious manner.
- One lakh L overhead tank is developed to supply the drinking water.

Action Plan till 2025:

- Ensuring improvement of the water and water dependent natural resources at surrounding areas in the campus.
- Maximize water use efficiency and minimize wastage of water.
- All existing building to be used for water conservation and rain water harvesting.
- One full time plumber should be deploy for proper caring of the water pumps and water supply in the campus.
- Promote investment in and maintenance of efficient water infrastructure and green infrastructure in all future development.
- Provide incentives to the students and teachers for efficient water use and conservation.


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- Provide training on the water conservation measures adopted by the University to the entire student, staff, teachers and other stakeholders of the University and nearby community.
- Create awareness about the cost-effective of water conservation projects among student ad local community.
- Waste water will be used again after being treated at water treatment plant. The treated water is used for watering the gardens and maintaining lawns in the campus to conserve the water. Waste Water Recycling process facilitates the treatment of existing contaminants in the water or reduces the concentration of such contaminants so that the water becomes fit for the desired use. Thus, the entire waste water which is generated in the campus is treated and reused by 2025.
- Installation of Aerators in all new basins across the campus. Aerators provide a constant flow rate of 0.5 GPM through variable pressure gauge for optimizing water use to a great extent.
- Three or more hand pumps should be developed each in the boys and girls hostel and also in the residential area for an emergency purpose.
- **Flow regulator taps in urinal:** Installation of low regulator taps in the urinal system in the toilet block in each building.
- **Sewage Treatment Plant:** STP will be functional by 2025 in confirmation with the parameters specified by the local pollution control board.
- Water Conservation Tanks will function in the campus by 2024 and each building will properly connected with water conservation tanks.
- Two more open water conservation tanks will be developed so that rain water harvesting can be done and stored water can be utilized for the horticulture purpose.
- **Surface Water Conservation through artificial pond:** One small pond (20K litre) can developed which can be utilized for irrigation of plant, recharge of the ground water and other daily uses.
- Improve water quality and cleaning of water storage tank once in each month.

- Recycle non-sewage and grey water for on-site use (such as toilet flushing, landscape irrigation, and more generally, consider the water quality requirements of each water use.)
- **Community programmes:** Organise various outreach programmes under the leadership of NSS, NCC, Rovers-Rangers, *Bhoomithrasena*, Agriculture Club and other student's bodies.
- Encourage research, development and implementation of water conservation techniques in relation to the ecological needs and purposes.
- Increase understanding of water and its movements including ground water and its interaction with surface water and the effects of climate change on water resources among students and teaching community.
- Celebration of various programs related to conservation of water and earth resources.
- The tube wells pumps will be switched on and off depending upon the water requirement. For this purpose, one valve men will be deployed 24x7.

Conclusion

Efficient water storage is a visible solution to water conservation. This means that University should protect surrounding environment and available water resources. Regardless is an institution of higher learning the KMCLU have a moral responsibility and propagate the message among the educational communities and society as well. Over past many years University has undertaken number of initiative to utilize water more efficiently, effectively within the campus. Our conservation policy is in line with the policy announced by the Government of India 2021 that is "*Jal Shakti Abhiyan*".



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