



कर्नाटक केन्द्रीय विश्वविद्यालय ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

Central University of Karnataka

(Established by an Act of the Parliament in 2009)

Aland Road, Kadaganchi, Kalaburgi-585 367, Karnataka

Water Quality Policy, including recycling and reuse of wastewater

Introduction: Access to clean and safe water is a fundamental human right, and it is essential to maintain the ecological balance of our planet. The water resources we have are limited, and the demand for it is increasing due to population growth and industrialization. Therefore, it is vital to ensure the efficient use of water resources, both in terms of quality and quantity. In this policy, we outline the measures that we will take to promote the efficient use of water resources in our community.

Policy Statement: Our policy aims to promote the efficient use of water resources by ensuring their quality and quantity. We will achieve this by:

Water Quality

1. Monitoring Water Quality: We will continuously monitor the quality of water resources to ensure they meet the relevant water quality standards set by the government (IS:10500:2012 standards).
2. Our focus will be to ensure bacteria-free water for all. This includes monitoring the quality of surface water, groundwater, and wastewater.
3. Bacteria-free water can be provided through chlorination of water.
4. A periodical review of frequent water testing shall be done to check bacteria-free water.
5. If we identify any water quality issues, we will take immediate corrective action.
6. For this One-time check of the Quality of water through NABL Accredited lab will give clear picture of water Quality & and future program

Water Quantity

1. Water Meter: Exploring the possibility of installation of a Water meter at each pumping point.
2. Efficient Water Use: We will promote the efficient use of water resources by encouraging our community to use water responsibly.
3. Awareness: This includes raising awareness of water conservation practices, promoting the use of water-efficient appliances, and encouraging our community to use recycled water for non-potable purposes. Posters for closing water tap shall be displayed.
4. Recycling and Reusing Wastewater: We recognize the importance of recycling and reusing wastewater to reduce the demand for freshwater resources. Therefore, we will promote the use of recycled water for non-potable purposes such as irrigation, industrial use, and toilet flushing. We will also explore opportunities to expand our wastewater treatment facilities to produce high-quality recycled water.
5. Water Conservation: We will encourage our community to conserve water by promoting the use of rainwater harvesting systems, reducing leaks in water supply systems, and implementing water-efficient landscaping practices.

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R.K. Chaitanya

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6. Fund generation: By energy savings & thus water conservation, that fund shall be generated for improving the water supply efficiency. (Viz. purchase of water meter, changing of leaky pipelines & other better options.
7. Partnerships: We will work with other stakeholders, including local governments, water utilities, and non-governmental organizations, to promote the efficient use of water resources.
8. Education and Outreach: We will conduct outreach and education programs to raise awareness about the importance of water conservation and the benefits of using recycled water for non-potable purposes. This includes working with Patients' family members, community organizations, and local media outlets to spread the message about the importance of water stewardship.
9. Greywater Reuse: We will encourage using greywater, wastewater from sources such as showers, sinks, and laundry machines, Kitchen for non-potable purposes such as irrigation and toilet flushing. This can help reduce the demand for freshwater resources and the amount of wastewater that needs to be treated and discharged.
10. Water Efficiency Audits: We will conduct water efficiency audits for our facilities and encourage our community to do the same. This can help identify areas where water is being wasted and recommend ways to reduce water consumption.
11. Emergency Preparedness: We will develop emergency preparedness plans to ensure that our community is prepared for water shortages or other water-related emergencies. This may include implementing temporary water restrictions, increasing our water storage capacity, and identifying alternative water sources such as groundwater or surface water.
12. Conclusion: In conclusion, this policy outlines our commitment to promoting the efficient use of water resources in our community. We recognize the importance of maintaining the quality and quantity of water resources for future generations, and we will work tirelessly to achieve this goal. By implementing the measures outlined in this policy, we can ensure that our community continues to thrive while safeguarding the environment for future generations.

Review: The policy shall be reviewed periodically by the fire safety committee. Based on the review, amendments may be proposed to improve the policy's effectiveness. The committee shall duly submit any amendment in the policy, and finally, the approving authority shall be the Vice Chancellor.

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