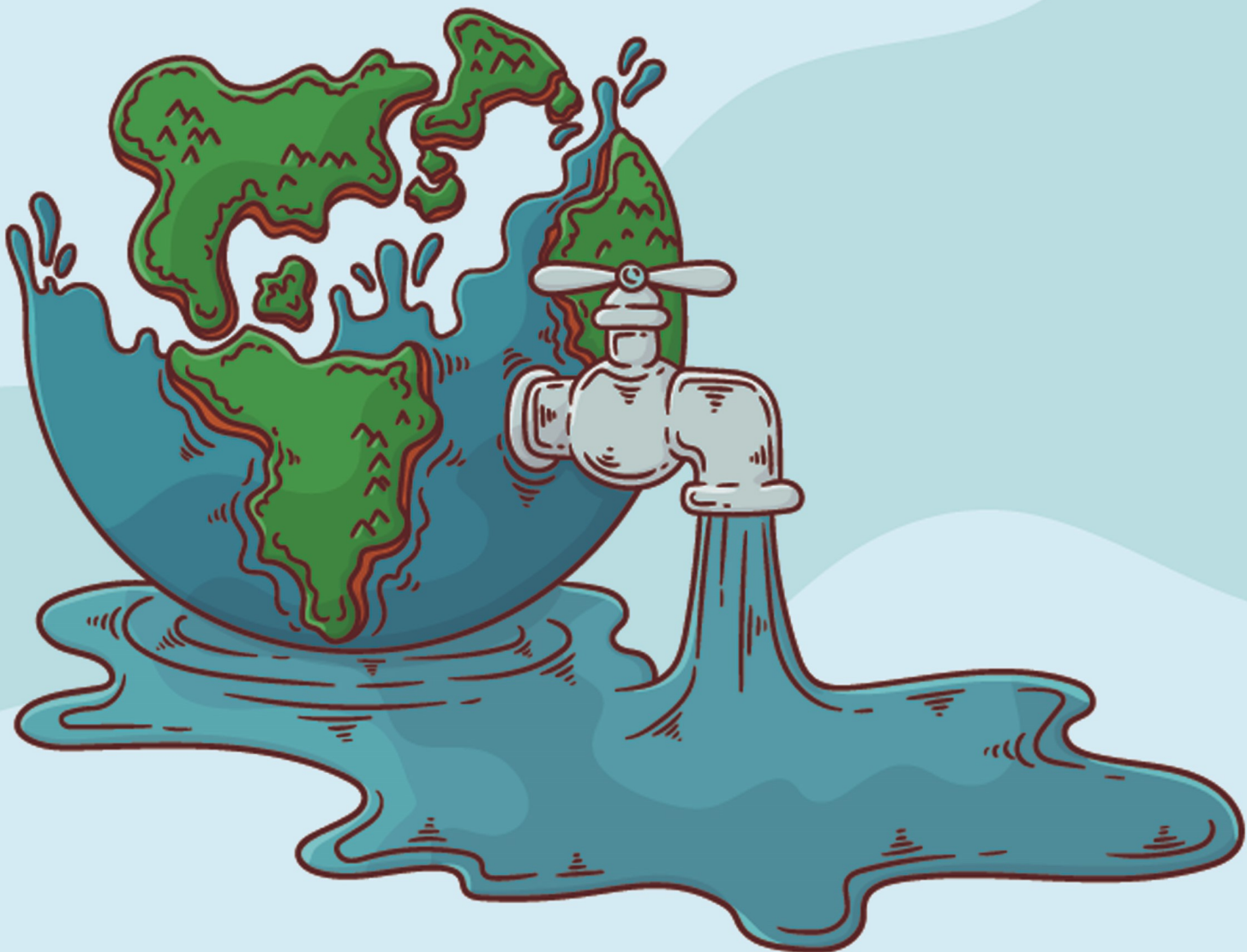


*Don Bosco College, Tura*



# WATER CONSERVATION POLICY

(Version 1.1)



## **WATER CONSERVATION POLICY**

### **Introduction:**

Don Bosco College, Tura recognizes the importance of water conservation as a crucial aspect of sustainable development. This Water Conservation Policy aims to establish guidelines and measures to minimize water wastage, promote responsible water use, and preserve precious water resources within the College premises.

Water conservation refers to the efforts and initiatives undertaken by the College to minimize water usage, prevent wastage, and promote responsible water practices within its premises. The specific actions and measures implemented for water conservation at Don Bosco College, Tura may include:

1. **Installation of Water-Efficient Fixtures:** Don Bosco College shall install or reinstall as the case may be, water-efficient fixtures such as low-flow faucets, toilets in all buildings and facilities on campus. These fixtures are designed to use less water without compromising functionality.
2. **Regular Maintenance and Leak Detection:** The College can prioritize regular maintenance of the plumbing system to identify and repair any leaks promptly. Leaks can lead to significant water wastage if left unaddressed.
3. **Awareness and Education:** Conducting awareness campaigns, seminars, and workshops to educate students, faculty, and staff about the importance of water conservation and providing them with practical tips and techniques to reduce water usage.
4. **Rainwater Harvesting:** Implementing rainwater harvesting techniques to collect and store rainwater for non-potable uses, such as irrigation or flushing toilets, can help conserve water from external sources.
5. **Water Recycling and Reuse:** Exploring opportunities to treat and reuse water within the College premises, such as gray water from sinks and showers, for non-potable purposes like toilet flushing or irrigation.
6. **Behavioral Changes and Best Practices:** Encouraging students, faculty, and staff to adopt water-saving habits, such as turning off taps when not in use, avoiding lingering showers in hostels, and reporting any water wastage or leaks they come across.
7. **Monitoring and Data Analysis:** Establishing a system to monitor water consumption and analyze data to identify areas of high usage and potential areas for improvement.

8. **Collaboration and Partnerships:** Collaborating with local water authorities, environmental organizations, and the community to exchange knowledge, share resources, and participate in joint initiatives for water conservation.
9. **Reporting and Accountability:** Designating a responsible body or committee to oversee the implementation of water conservation measures and report regularly on progress. Encouraging accountability among all stakeholders to ensure compliance with water conservation practices.

### **Objective of Water Conservation Policy**

The policy aims to create a campus environment where water conservation is ingrained as a core value among students, faculty, and staff. By promoting awareness, education, and the adoption of water-saving practices, the College aims to cultivate a culture where responsible water use becomes a natural and integral part of campus life.

### **Important Points undertaken by the College in Conservation of Water are:**

1. **Awareness and Education**
  - 1.1. Conduct regular awareness campaigns, seminars, and workshops to educate students, faculty, and staff about the significance of water conservation.
  - 1.2. Promote water-saving practices through informative posters, signages, and digital platforms.
2. **Efficient Water Management**
  - 2.1. Install water-efficient fixtures such as low-flow faucets and toilets, in all College buildings.
  - 2.2. Regularly inspect and maintain the plumbing system to prevent leaks, ensuring prompt repair if any are detected.
  - 2.3. Monitor water consumption data to identify areas of high usage and implement strategies for reduction.
3. **Landscaping and Irrigation**
  - 3.1. Opt for native or drought-resistant plants in landscaping to minimize water requirements.
  - 3.2. Utilize efficient irrigation methods such as drip irrigation and automated systems with rain sensors to prevent overwatering.
  - 3.3. Explore rainwater harvesting techniques to collect and reuse water for irrigation purposes.

4. Water Recycling and Reuse
  - 4.1. Implement systems to recycle and reuse water where applicable, particularly for non-potable purposes such as flushing toilets or irrigation.
  - 4.2. Identify opportunities to treat and reuse gray water from sinks, showers in hostels, and other suitable sources.
5. Behavioral Changes and Best Practices
  - 5.1. Encourage students, faculty, and staff to adopt water-saving habits, such as turning off taps when not in use, avoid lingering showers, and using water-efficient appliances.
  - 5.2. Promote responsible water use in common areas, including cafeteria, restrooms, and laboratories, through informative signages and regular reminders.
6. Collaboration and Partnerships
  - 6.1. Collaborate with local water authorities, environmental organizations, and the community to share knowledge and resources for water conservation initiatives.
  - 6.2. Participate in community-wide campaigns or events to raise awareness about water conservation.
7. Research and Innovation
  - 7.1. Support research projects related to water conservation by students and faculty.
  - 7.2. Encourage innovative ideas and technologies that promote efficient water management within the College premises.
8. Monitoring and Evaluation
  - 8.1. Establish a system to monitor water consumption regularly and analyze data to identify areas for improvement.
  - 8.2. Conduct periodic evaluations to assess the effectiveness of implemented water conservation measures and make necessary adjustments.
9. Reporting and Accountability
  - 9.1. Designate a responsible body or committee to oversee the implementation of the Water Conservation Policy and provide regular updates on progress.
  - 9.2. Promote accountability among all stakeholders to ensure compliance with the policy guidelines.
10. Review and Improvement
  - 10.1. Conduct regular reviews of the Water Conservation Policy to incorporate advancements in water conservation practices and technologies.
  - 10.2. Seek feedback from students, faculty, and staff to identify areas for improvement and enhance the effectiveness of water conservation efforts.

Water Conservation Policy serves as a framework for Don Bosco College, Tura, to promote a culture of responsible water use and contribute to the sustainable management of water resources. By adopting these measures and fostering awareness, we strive to create a greener and more sustainable campus environment.



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