



**EDUCARE  
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DENTAL SCIENCES**

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An ISO 9001:2015 certified institution

## WATER CONSERVATION POLICY

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## **WATER CONSERVATION POLICY**

### **INTRODUCTION**

Water is a prime natural resource, a basic human need and a precious national asset. 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 college itself. As a result, the Educare Institute of Dental Sciences, Malappuram 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.

### **WATER CONSERVATION POLICY**

All members of the College will endeavor to adopt efficient usage of water in all possible ways. This can be managed through awareness and adoption of efficient usage of water in all possible ways. The College community shall make informed choices to minimize the university's environmental footprint and consequently act to improve the institute's environmental performance.

EIDS water conservation policy is to achieve water in natural way without disturbing the ecosystem. The Institution implemented water efficient fixtures in its campus ensuring 100% treatment, recycling of sewage and rainwater harvesting. Students and staff play a major role in our water sustainability strategy. Reducing water consumption and protecting is our key objective of water conservation policy.

### **MISSION**

To provide an environment that

- Facilitates the holistic development of the individual





- Enables the students to play a vital role in the nation building process and contribute to the progress of humanity
- Disseminates knowledge even beyond the academics
- Cultivates in the students, a feel for frontier discipline and a concern for the environment.

### **PURPOSE**

The objective of this policy is to ensure that the institute operates in a sustainable manner by managing water efficiently, wisely and responsibly. This policy contributes to meeting the institute's commitments and goals with water related issues. The Institute has ascertained a goal to reduce water consumption by 5% annually.

### **COMMITTEE ON WATER CONSERVATION**

This Committee is responsible for developing water conservation awareness campaigns and assisting members of the Institution 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 groups in allocating required resources. It will also be responsible for leading the institutionalization of sustainability in all areas of campus life.

### **ACTION PLAN**

- 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 rainwater harvesting.
- One full time plumber should 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.





- Provide training on the water conservation measures adopted by the university to the entire student, staffs, teachers and other stakeholders of the institution and nearby community.
- Create awareness about the cost-effective of water conservation projects among students and 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. Wastewater 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 wastewater which is generated in the campus is treated and reused.
- Installation of Aerators in all new basins across the campuses. Aerators provide a constant flowrate 0.5GPM through variable pressure gauge for optimizing water use to a great extent.
- Three 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 in confirmation with the parameters specified by the local pollution control board.
- Water Conservation Tanks will function in the campus and each building will be properly connected with water conservation tanks.
- Two more open water conservation tanks will be developed so that rainwater harvesting can be done and stored water can be utilized for the horticulture purpose.
- Surface Water Conservation through artificial pond: One small pond can be 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.)





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- Community programmes: Organize various outreach programmes under the leadership of NSS, Nature 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 groundwater 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.

## CONCLUSION

Efficient water storage is a visible solution to water conservation. This means that institution should protect surrounding environment and available water resources. Over past many years the Institution has undertaken number of initiatives to utilize water more efficiently, effectively within the campus.

