



Water Conservation Policy



NEHRU INSTITUTE OF TECHNOLOGY

(ISO 14001:2004 Certified, Approved by AICTE & Affiliated to Anna University)

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Water Conservation Policy

PREAMBLE

A scarce natural resource, water is fundamental to life, livelihood, food security and sustainable development. India has more than 18 % of the world's population, but has only 4% of world's renewable water resources and 2.4% of world's land area. There are further limits on utilizable quantities of water owing to uneven distribution over time and space. In addition, there are challenges of frequent floods and droughts in one or the other part of the country. With a growing population and rising needs of a fast developing nation as well as the given indications of the impact of climate change, availability of utilizable water will be under further strain in future with the possibility of deepening water conflicts among different user groups. Low consciousness about the scarcity of water and its life sustaining and economic value results in its mismanagement, wastage, and inefficient use, as also pollution and reduction of flows below minimum ecological needs. In addition, there are inequities in distribution and lack of a unified perspective in planning, management and use of water resources. The objective of the National Water Policy is to take cognizance of the existing situation, to propose a framework for creation of a system of laws and institutions and for a plan of action with a unified national perspective.

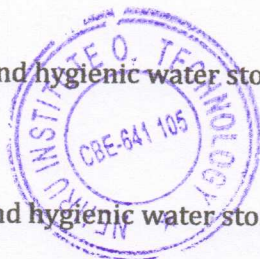
OBJECTIVES

Minimize consumption of water. In this context Nehru Institute of Technology, Coimbatore therefore has adopted the following policies.

- a) Repair sources of water leakage, such as dripping taps and showers as quickly as possible.
- b) Install appliances which reduce water consumption.
- c) Encourage use of recycled rainwater and grey water to reduce mains water consumption.
- d) Reuse the water coming out RO water purification systems for washing clothes and garments in hostels.

e) Use of an efficient and hygienic water storage mechanism is to minimize the loss of water during storage.

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Rain water harvesting

Rainwater harvesting is an important environment friendly approach. It is a Green Practice having double benefit of keeping the groundwater level undisturbed and charging the aquifer. The college has constructed rainwater harvesting (RWH) structures within its campus for storing and reusing the rain water This green practice was encouraged in the form of Community Development Program. The college organizes programmes like guest lectures and seminars to sensitize students towards conservation of water. The soil in the college campus has a good infiltration rate. Rainwater and run-off water are stored in a planned way which can save the earth from soil erosion and flood and recharge the aquifers to increase the groundwater level. Collecting and harvesting rainwater and run-off water would reserve the water for future generation. Rainwater harvesting is eco friendly and economical. Our institute is able to meet its water requirements through rain water harvesting and recycling.

Waste water

Waste water generated by the college should be calculated and treatment plants should be installed. As a beginning, Sewage treatment plant used for treating grey water, which could be used for gardening purposes and vessel washing




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