

# **KONGU ARTS AND SCIENCE COLLEGE** **(Autonomous)**

**Affiliated to Bharathiar University, Coimbatore**  
**NANJANAPURAM, ERODE - 638 107**



## ***WATER CONSERVATION POLICY***



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### **Preamble**

Water is one of the basic necessities for every living being and we cannot imagine a life without water. It is the natural resource and the main constituent of our planet earth. Water is the universal solvent and clean fresh water is a very limited resource. As the world continues to warm, freshwater will become more limited in future for all of us. Each decision of how we use water has the potential to make a positive impact for the future of our global water resources. It's the moral duty and responsibility of each individual and community as a whole to contribute to conserve water and rejuvenate the water resources.

In this aspect, Kongu Arts and Science College is committed to regulate water conservation, sustainable management and utilization of water resources effectively. We work on utilizing water efficiently, wisely and responsibly. The water conservation activities and strategies are well maintained in the campus. The presence of indigenous trees, usage of renewable source of energy like solar energy, water conservation by rain water harvesting and water recycling are some of the highlights of conservation. The primary goal of Kongu Arts and Science College water conservation policy is to provide safe and clean water inside the campus and to educate the importance of water conservation to the students.

### **Goals and Plans**

- ❖ Ensure awareness about the water conservation
- ❖ Maximize water use efficiency and minimize wastage of water
- ❖ Fix all the leaks and to use water wisely
- ❖ Reusing water for irrigation and watering the plants smartly
- ❖ Inform, educate and increase the awareness about the importance of Rain water harvesting
- ❖ Spread awareness among students through various clubs and forums
- ❖ Save water and avoid water scarcity



## **Initiatives**

Water is the key factor for our survival. Our College gets water from four different sources:

- (i) Treated RO (Reverse Osmosis) water from an RO plant located at our sister concerned institution
- (ii) Fresh water from the bore well
- (iii) Rain water harvesting and
- (iv) Treated water from Sewage Treatment Plant (STP).

### **1. RO Water**

The college provides a safe and RO Treated drinking water to all throughout the year. It is stored in separate tanks located in roof top of each building. In each block the RO water is distributed through water purifiers.

### **2. Rain water Harvesting**

Rain water is collected through

- i) Buildings during the runoff
- ii) Road run-offs and
- iii) Collected in small ponds

Rain water is collected and stored in front of each building and it percolates to underground and this increases the ground water level. There are four rainwater harvesting tanks, two recharge pits near the well and bore well and two rainwater storage tanks inside the campus for effective rain water management.

### **3. Bore well and Open recharge**

The bore wells are constantly replenished with nearby recharge pits which aids in Percolating rain water and regular maintenance is carried out by the institution.

### **4. Sewage treatment plant for water recycling**

The Institution has implemented conventional wastewater treatment plant with a total capacity of 2,00,000 Liters/day. The treated water is effectively used for irrigating the plants in the campus.

### **5. Awareness activities to impart water conservation awareness among students**



National Service Scheme (NSS), National Cadet Corps (NCC), Eco club along with Science Forum guides the students to conserve water and create awareness by conducting various activities.

