



# COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi)

Established in 1956, A Unit of V.Rangasamy Naidu Educational Trust

**CIVIL AERODROME POST, COIMBATORE-641 014, TAMILNADU, INDIA**

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## Criterion VII–Institutional Values and Best Practices

### Key Indicator - 7.1 Institutional Values and Social Responsibilities

#### 7.1.4 Water conservation facilities available in the Institution:

#### Contents

- Water distribution system
- Corporation Water
- Rain water harvesting
- Borewell / Open Well Recharge
- Waste water recycling

## **7.1.4. WATER CONSERVATION FACILITY**

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# 1. Water Distribution System

In the Institute Distribution system consist of pipes, valves, pumps and tanks arranged together to deliver water from the resource to final user In the Institute the water is distributed from the tank through pipes and supplied for users. The waste water is then drained to drainage system. Waste water is generated in the campus include sewage hostel and mess effluent waste is treated and used for watering the garden. Sewage treatment plant is drained and used as manure for garden. The entire waste water generated in campus is treated and reused .



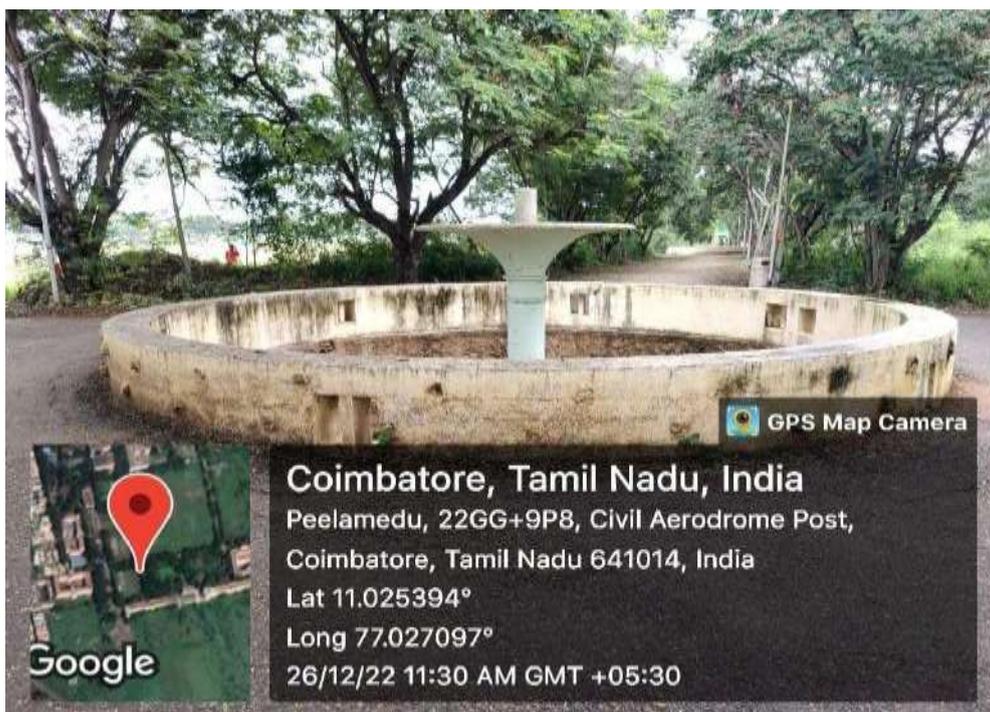
## 2. Corporation water:

The Coimbatore Corporation supplies 1.5 lakh liters per day for drinking purposes. Additionally, the college installs water filters in hostels and strategic locations for the use of students and staff.



## 3. Rain Water Harvesting

Campus buildings collect rainwater from their roofs and channel it into centralized rainwater harvesting wells. We then use this stored water for various purposes, including watering plants and flushing toilets.



#### 4. Borewell /Open well recharge

On campus, the institution uses rainwater harvesting to recharge borewells and open wells. It helps to replenish the area's groundwater table.



#### 5. Waste water recycling

It involves draining the waste water into the drainage system. On campus, we generate wastewater in areas such as the sewage hostel and mess, and we treat the effluent waste to water the garden. We drain the sewage treatment plant and use it as manure in the garden. The campus treats and reuses all waste water. We treat and recycle wastewater from laboratory sinks and washrooms to flush toilets and water plants.

