



**Vel Tech**  
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R&D Institute of Science and Technology  
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

## **PROMOTING CONSCIOUS WATER USAGE**

### **Our Motto: Save water for future generations**

By 2025,  $\frac{2}{3}$  of the World population will experience WATER SCARCITY. 70% of India's groundwater is already contaminated. The world is going through a challenging situation now. In the future, there might even be a war to get access to water. If it is a problem of the future, we should also be concerned and responsible now.

Vel Tech sets an example of Saving resources like water and other natural wealth and making its use efficient.

### **Water conservation initiatives inside the university campus**

#### **1. Separate water pipelines**

A dedicated pipeline carries recycled water to toilets, which is used for flushing. A different pipeline carries fresh water for drinking, washing, and bathing.

#### **2. Eco-Dish Washing**

All the plates are washed together instead of washing individually. On average, 45000 plates are washed in a day. 70,000 litres of water is required to clean 45,000 plates individually, but water usage comes down to 25,000 litres when plates are being washed in the group.

#### **3. Environmental Engineering course in M.Tech**

'**Environmental Engineering**' is a course offered in M.Tech at the School of Mechanical and Construction Engineering, Vel Tech University, to educate students.

#### **4. Aerators in Water taps**

Aerators are being fixed in all the taps. It helps in reducing the wastage of water. The flow of water is much more without Aerators, which leads to the waste of water.

#### **5. Laundry service for students**

Water usage will be much higher if students wash their clothes individually. Keeping this in mind, Laundry services are provided to the students, which helps reduce water usage. The water discharged from the laundry facility is recycled and reused.

#### **6. Sensors in Drinking Water Taps**

Often, drinking water gets wasted due to improper closure of taps. In order to overcome this problem, Sensors are fixed in drinking water taps.

#### **7. Reuse of water**

Water used for washing and bathing is recycled through a proper mechanism and used for agricultural purposes.

#### **8. Awareness about Conscious water usage**

Posters, Signboards and Slogans regarding conscious water usage are displayed near water taps. This reminds the students and staff to use the water judiciously and consciously.