



# UNION CHRISTIAN COLLEGE

## ALUVA-2



Criterion 7

SSR 5<sup>th</sup> CYCLE 2023

7.1.2 Water Conservation



## Water Conservation

In an ever-changing world where environmental sustainability takes centre stage, Union Christian College is proud to set an inspiring example by prioritizing water conservation through a series of proactive measures. With a firm commitment to preserving this precious natural resource, our institution has implemented a range of initiatives aimed at recharging groundwater, preventing water wastage, and fostering a culture of awareness and responsibility among students and staff.

### Rain Water Harvesting System:

Recognizing the importance of preserving water resources and reducing water wastage, the institution has implemented an extensive rainwater harvesting system with a capacity of one lakh liters. This system effectively collects and stores rainwater, contributing to water conservation efforts and promoting eco-friendly practices on campus.



### Rainwater Recharge to Wells:

As a visionary step towards bolstering groundwater reserves, [College Name] has implemented a cutting-edge rainwater recharge program. The rainwater that graces the roofs of our buildings is not merely directed away; rather, it is channeled purposefully into wells on our campus. By allowing rainwater to percolate naturally into these wells, we contribute directly to the enhancement of the local groundwater table.



### Storage Tanks for Rainwater Collection:

At Union Christian College, every drop of rainwater is treasured. To ensure efficient utilization and minimal wastage, we have installed state-of-the-art storage tanks strategically across our campus. These tanks serve as reservoirs for the rainwater collected from our buildings' rooftops. By capturing and storing rainwater, we not only reduce the burden on external water sources but also create a readily available supply for various non-potable needs, such as irrigation and cleaning.

**Leak Detection and Repair:** At Union Christian College, we understand that every drop counts. Our dedicated maintenance team works diligently to identify and rectify leaks in faucets, toilets, and other water fixtures across the campus. By addressing these issues promptly, we ensure that no drop of water goes to waste, thereby aligning with our commitment to responsible water usage.

**Awareness Campaigns:** Education is a powerful tool for change, and at Union Christian College, we are committed to fostering a sense of responsibility towards water conservation. Through a series of engaging workshops, enlightening seminars, eye-catching posters, and easily accessible online resources, we continuously raise awareness among our students and staff about the critical importance of water conservation. By empowering our community with knowledge, we instill a culture of mindfulness that transcends our campus and extends into the wider world.