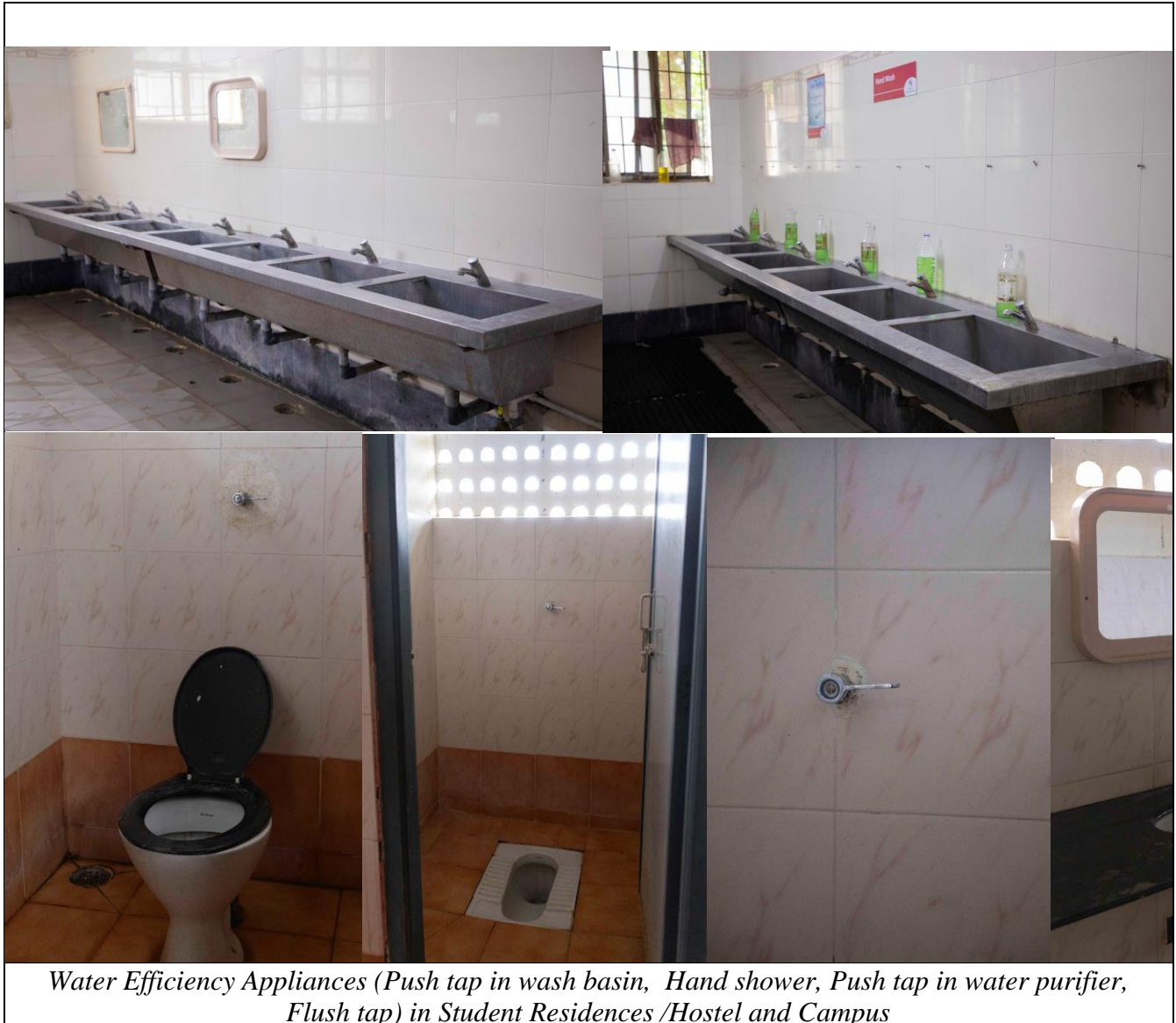




University : Karunya Institute of Technology and Sciences  
Country : India  
Web Address : <https://www.karunya.edu/>

**[4.3] Water Efficient Appliances Usage (Taps (Push tap in wash basin, Hand shower, Push tap in water purifier, Flush tap)-**



**Water Efficiency at Karunya Institute of Technology and Sciences (KITS)**

**> 50% of Water-Efficient Appliances Installed at Karunya Institute of Technology and Sciences (KITS)**

This evidence outlines the water-efficiency efforts undertaken by Karunya Institute of Technology and Sciences (KITS). Specifically, it focuses on the installation of water-efficient self-closing taps across the institute's campuses.

**Installation of Water-Efficient Self-Closing Taps (*Push tap in wash basin, Hand shower, Push tap in water purifier, Flush tap*)**

- KITS initiated a program to promote water efficiency by installing self-closing taps in various areas, including the hostel and college campuses. These taps are designed to minimize water wastage by automatically shutting off after use. The total number of self-closing taps installed at KITS is 3,376. To assess the effectiveness of this initiative, we calculate the percentage of water-efficient appliances installed compared to the total potential. KITS has achieved full installation of these water-efficient appliances. This depicts a thorough commitment to water conservation and sustainability.
- Karunya Institute of Technology and Sciences has successfully implemented water-efficient self-closing taps across its campuses, achieving more than installation rate.

**Metric decision based on:**

- Total number of taps = 6026 No.
- The total number of self-closing taps (*Push tap in wash basin, Hand shower, Push tap in water purifier, Flush valve*) = 3376

**Percentage of usage of Water Efficient Appliances: 56%**

Sl.No	Description of item	Location	Qty
1	Self-closing Taps ( <i>Taps (Push tap in wash basin, Hand shower, Push tap in water purifier, Flush valve)</i> )	Hostel Campus	2676 Nos
2	Manual Operated Taps	Hostel Campus	2150 No
3	Self-closing Tap ( <i>Taps (Push tap in wash basin, Hand shower, Push tap in water purifier, Flush valve)</i> )	College Campus	700 Nos
4	Manual Operated Taps	College Campus	500 Nos
<b>Total</b>			<b>6026 No</b>