



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

[4] Water (WR)

[4.3] Water Efficient Appliances Usage (Taps (Push tap in wash basin, Hand shower, Push tap in water purifier, Flush tap) (WR.3)

Response - > 80% of water efficient appliances installed

Percentage of usage of Water efficient appliances: 83.6%



Water Efficiency Appliances (automatic water flow controller, Hand shower, toilet flush) in Student Residences /Hostel and Campus



Sl. No	Description of item	Location	Qty (Nos)
1	Self-closing Taps (<i>Taps (Push tap in wash basin, Hand shower, Push tap in water purifier, Flush valve)</i>)	Hostel Campus	2736
2	Manual Operated Taps	Hostel Campus	2150
3	Self-closing Tap (<i>Taps (Push tap in wash basin, Hand shower, Push tap in water purifier, Flush valve)</i>)	College Campus	700
4	Manual Operated Taps	College Campus	500
5	Water level controllers (overhead water tanks, Water sumps, Bore well pumps)	College & Hostel Campus	177
6	Toilets	Hostel Campus	880
	Total		8073

Description:

Karunya Institute of Technology and Sciences (KITS) has successfully implemented extensive water conservation measures through the installation of water-efficient self-closing taps, Push tap in water purifier, Hand shower, automatic taps, wireless water level controller across the institute's campuses. To assess the effectiveness of this initiative, we calculated 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.

Metric decision based on:

- ✓ Total number of taps = 6086 No.
- ✓ The total number of self-closing taps (Push tap in wash basin, Hand shower, Push tap in water purifier, Flush valve) = 3436

Appliance	Total Number	Total number water Efficient appliances	Percentage
Taps	6086	3436	56.4
Water level controllers	177	177	100
Toilets	930	880	94.6
		Average Percentage	83.6

Additional evidence link

<https://www.karunya.edu/iqac/ranking/UIGreenMetric>