

**6.3.4 b - Building standards to
minimise water use
(Automatic Water Level
Controller)**

AUTOMATIC WATER LEVEL CONTROLLER

The Institute has given due consideration in promoting initiatives for saving energy and reducing water usage in buildings by employing sensors. In order to minimize water usage and also to avoid the unnecessary wastage of water, automatic waterlevel controller and automatic flush controller with sensors are being installed in the campus.

The automatic water level devices are capable of controlling the functions of the motor and help to reduce the consumption of electricity; thereby wastage of water and power can be reduced considerably. It also protects the motors from running dry and thus ensures durability. Most of these devices ensure uninterrupted water supply by filling the over head tank becomes empty and switches off automatically when the underground sump is empty or the over head tank is full. In this way becomes easy to ensure 24 Hrs water supply without any kind of interruptions.



AUTOMATIC WATER LEVEL CONTROLLER

AUTOMATIC FLUSH CONTROLLER WITH SENSORS

Most of the water is wasted when people do not turn off the flush after use out of laziness or negligence. An efficient solution to this problem is the use of urinals with automatic flush controller fitted with sensors that controls the wastage of water and provides a hygienic environment near the urinals thereby reducing the risk of diseases.



Urinals with automatic flush controller