



AMITY UNIVERSITY
UTTAR PRADESH

**APPLICATION OF BUILDING STANDARDS TO MINIMISE WATER
USE RAINWATER HARVESTING, RECYCLING TREATED WATER
FROM STPs, WATER EFFICIENT TOILETS, SENSOR BASED TAPS
etc.**

- (i) Rainwater flows from the terraces through the drainpipes which are further connected to the harvesting wells and boxes (304 Nos. boxes with 42 wells in place).
- (ii) The recycled treated water is stored in RCC UG tanks and further pumped up to the OH tanks through separate pipelines for usage in the flushing system. For horticulture purpose separate pipelines from the UG tanks are laid connected to sprinklers installed in the Campus. Cooling towers also provided with treated water from the same UG tanks.
- (iii) Sensor based taps are installed in a few blocks for minimum use of water to avoid wastage. Work is in progress in other blocks for automation. Sensor systems are installed for filling all tanks from UG tanks.

