



# JEPPIAAR INSTITUTE OF TECHNOLOGY

“Self-Belief | Self Discipline | Self Respect”

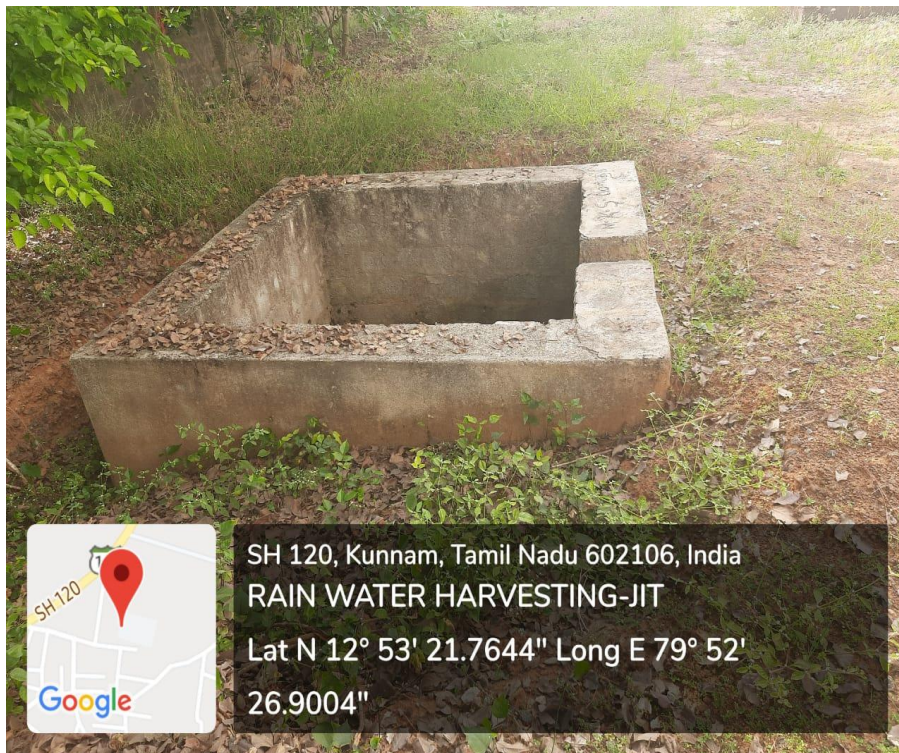


## 7.1.4 Water Conservation Facilities Available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

**HEI Response: A. Any 4 or all of the above**

### 1. Rain Water Harvesting Facility in Main Block



Rainwater harvesting units are installed at suitable locations

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## 2. Borewell Facility:

### Borewell Facility – Near Mess



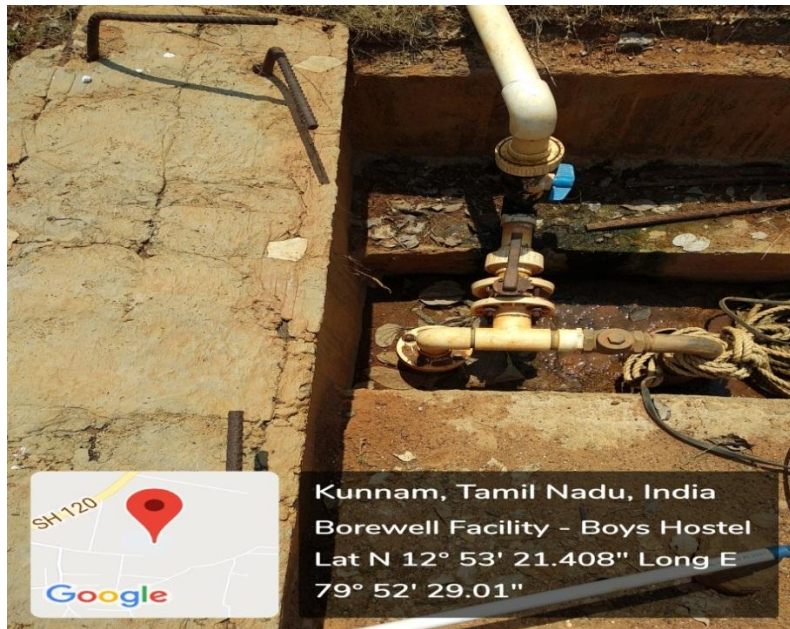
### Borewell Facility – First Year Block



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## Borewell Facility – Boys Hostel



## Borewell Facility – Main Block



Borewell facilities are available in required places.

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3. Construction of Tanks:  
Water Tank Facility in Main Campus



Water Tank Facilities are separately constructed in required places  
(Main Block, First Year Block, Hostel, Mess, Transport)

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## 4. Waste water recycling

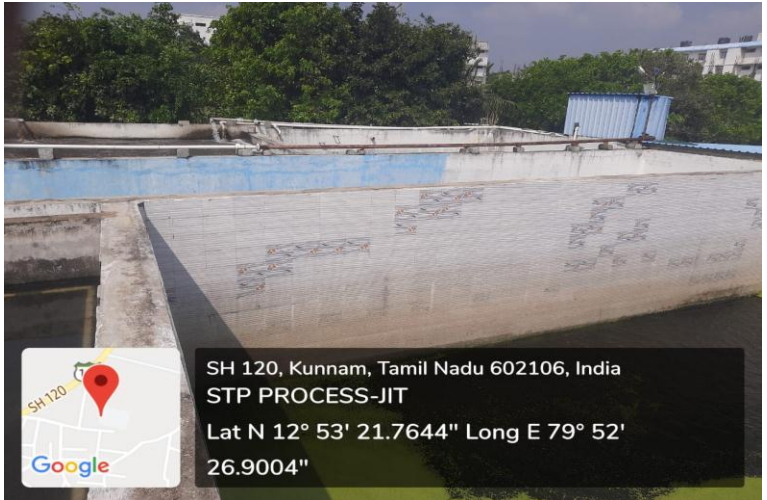
### Sewage Water Treatment Plant & Process

The sewage treatment plant (STP) is located on the southeastern side of the college. The STP has a capacity of 300KLD and the size of the equalization tank constructed is 10.6 m x 10.6 m x 5.2 m. The college has three department blocks, two hostel blocks one canteen block, and a Kitchen area. The wastewater from the all the department and hostel block is connected to STP. All the liquid wastes from all the blocks are first treated and then the waste is sent to the collection chamber. The chemical wastes obtained from the Kings Enviro Biotech and chemistry laboratory are treated and then disposed of to the STP



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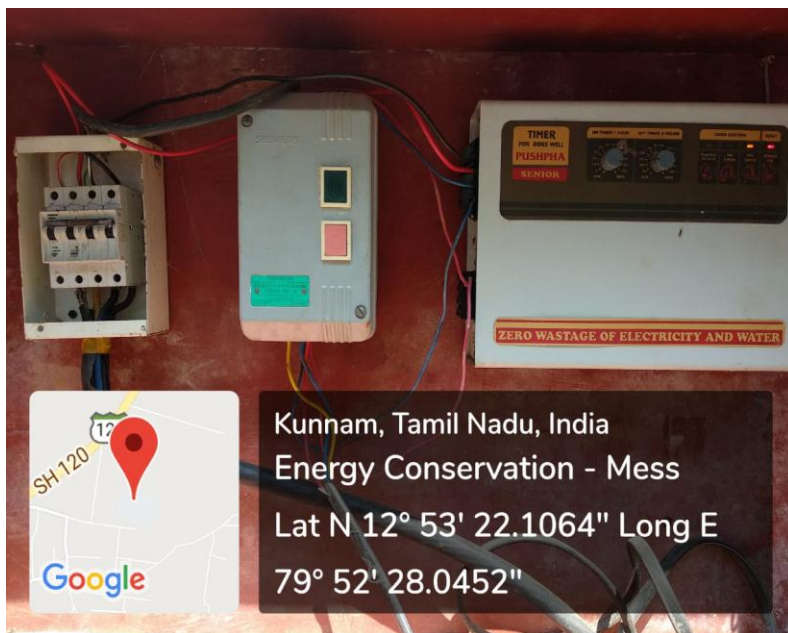
**5. Maintenance of Water Bodies:  
Water Cooler Facility:**



Water cooler facilities are equipped in the all the floors and adequate places

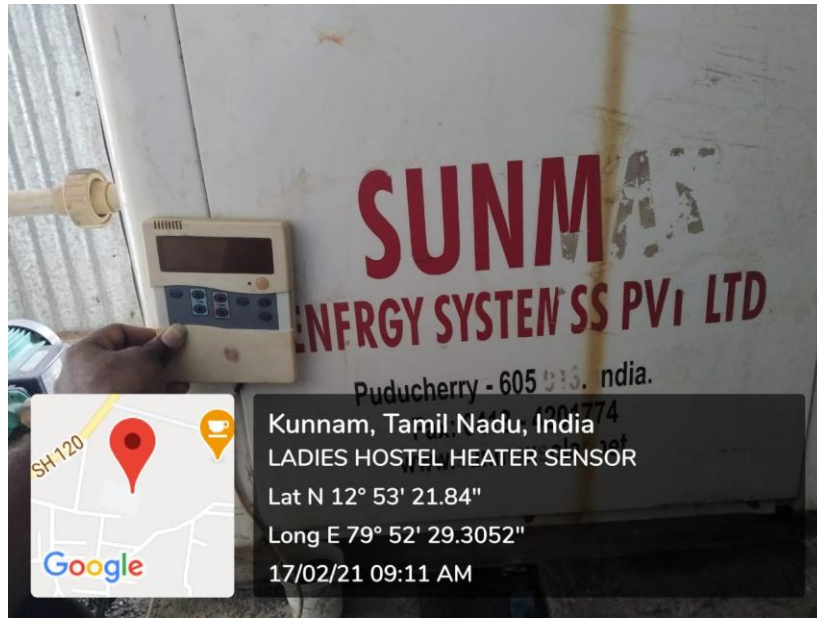
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## Water & Energy Conservation Sensors:



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Automatic water level controller and water heater sensors are installed in adequate places

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## Sprinkler Facility in Ground



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Sprinkler facility implemented to save the water in college ground