



KALINGA INSTITUTE OF SOCIAL SCIENCES (KISS)
Deemed to be University, Bhubaneswar - 751024
(Declared under Section 3 of UGC Act, 1956)

7.1.4 Water conservation facilities available in the Institution

Q: Water conservation facilities available in the Institution.

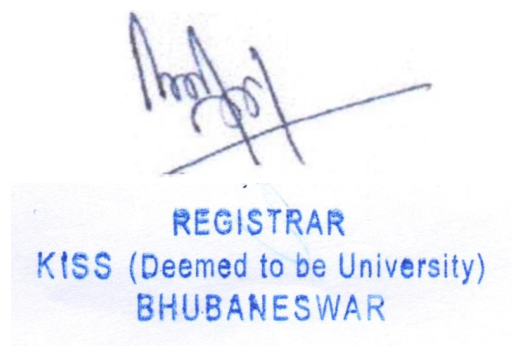
A: A. Any 4 or all of the above

1. **Rainwater harvesting** - KISS-DU has adopted a rooftop rainwater-based groundwater recharge system. Groundwater recharging is an excellent rainwater-capturing process. Any quantity of rainwater may be channelized to replenish the groundwater level of the surrounding areas.
2. **Bore-well/Open well recharge** - Rainwater collected at the rooftop in the various buildings is redirected through PVC pipes and dynamic rainwater filters to defunct and functioning borewells.
3. **Construction of tanks and bunds** - Storm water and surplus rainwater that cannot be channelized to the borewells is sent over to the large open waterbodies within the campus, such as pond 1 and pond 2, which together span a total area of 15.5 acres.
4. **Wastewater recycling**
 - To minimize water consumption for washing clothes, a dedicated mechanized laundry has been installed. The installation of the mechanized laundry, not only is water consumption minimized but the quality of washing has improved significantly through greater disinfection.
 - Wastewater from various academic buildings, hostels, and kitchens is treated in three Sewage Treatment Plant (STP), with a total capacity of 2750 Kilometers per day (KLD), meaning 2750000 litres per day. The treated water is pumped back for watering the plants on the various campuses.
5. **Maintenance of water bodies and distribution system in the campus**

One of the major components of the Tutor-Mentor system at KISS-DU involves sensitizing the students towards responsible water usage. Several painting competition or crafts activities are designed in such a way that students are made aware their responsibilities towards the environment and water conservation .

Documents Attached

- [Rainwater Harvesting 1 & Borewell Recharge](#)
- [Rainwater Harvesting 2 & Borewell Recharge](#)
- [Rainwater Harvesting 3 & Borewell Recharge](#)
- [University Pond](#)
- [University Pond](#)
- [University Pond](#)
- [Laundry Facilities](#)
- [Tax Invoice for Laundry](#)
- [Sewage Treatment Plant](#)
- [Construction of Sewage Treatment Plant](#)



Hyperlinks are to relevant geo-tagged photos and documents