



# CATCH THE RAIN DROP

India

The Symbiosis Centre for Management Studies campus administration spends lakhs of rupees per month on water. The dreadful condition of the water tank was an alert sign for the team members to come up with a sustainable solution.

The project 'Catch the Rain Drop' is an attempt to find remedies to decrease the amount of water that is purchased every day by the institution. Making water conservation practices more sustainable is one of their prime objectives.

**Following are a list of activities included in their project:**

1. The teams chose to learn about various water harvesting techniques. They approached Col (Retd) Shashikant Dalvi, Director of Parjanya, a rain water harvesting consultancy, who has been actively involved in water harvesting for the last 10 years, to be their guide.
2. The team attended a session wherein Col (Retd) Shashikant Dalvi introduced them to water harvesting, facts about increasing water shortage in the city and the future of this crisis. He asked them to implement rain water harvesting system in their college campus in which fresh water collected from the roof top in rainy seasons (monsoons in India) is purified with a filter and then released into an aquifer.
3. The team visited Col (Retd) Shashikant Dalvi's residence, Greenland Apartments, where he has been using the rain harvesting system for awhile.
4. The team documented the system and made necessary plans to implement the same in their campus.
5. The team worked on measuring the ground water feasibility in and around the SVC campus.
6. The team approached the campus administration to collect data for the geophysical survey of their campus. Upon discussion, they were informed that their campus lacks any source of ground water.
7. The team visited Centre for Science and Environment, Tuglakabad, Delhi. They were informed about the Decentralized Waste Water treatment (DWWT) systems that CSE has constructed, along with the Rainwater Harvesting structures.
8. The team worked out a detailed plan to build a sustainable system for their campus. They created posters to spread awareness on water shortage issues and conservation methods which are specific to the campus.

The project will be a contribution towards solving the water supply shortages in Pune city, particularly in the Symbiosis Viman Nagar campus (SVC). Major outcome of the project will be to ensure feasible solutions in consent with Symbiosis Society for rainwater harvesting in the campus and to increase the groundwater level in Viman Nagar aquifer ideally.



## Team Members

Shivam Singh, Garima Verma, Sunchit Joshi, Shubham Kanungo, Nitesh Krishna, Nitesh Krishna, Srivatsava Pothuri, Roshni Vinod, Siddharth Goel, Varun Grover, Mihir Nasa.