



# Mapping of Water Conservation Practices in Amity University Rajasthan



**Lake**



**Sprinkler for Irrigation**



**Cooling Ducts**

AUR campus has an in house sewage treatment plant. (STP). Water treated in the STP is used for cooling ducts, irrigating the campus greens and collection in the lake.



**Surface Drain Pipe (Top View)  
Roof Top Drain Pipe (inset)**



**Water Collection Pit**

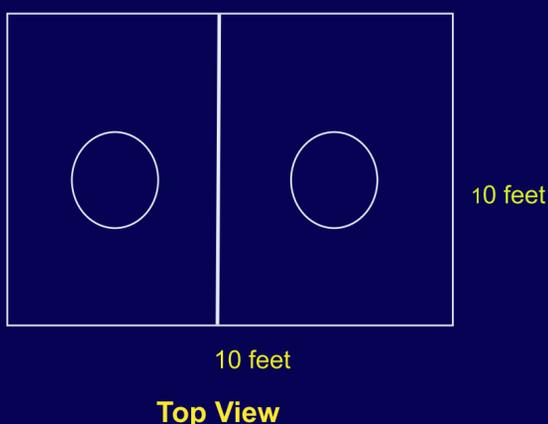


**Surface Drain Pipe (Side View)**

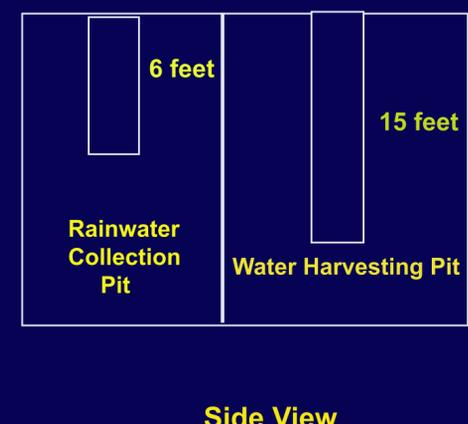


**Borewell**

On the rooftop of every building there are roof drains for removing water from roof surface (inset). The water from these roof drains and from surface drain pipes all across the campus is taken to rainwater collection pit and from there it gets transferred to water harvesting pit. Approximately 22 lac litres of water has been collected in the last one year of rainfall and recharged into the groundwater.



**Water Collection Pit**



**Side View**

## Guidance

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## Acknowledgements

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ACWSR offers expertise for Ph.D. in new and frontier areas of water studies under Ph.D. program of Environmental Sciences with co-supervisors from University of West of England.

<b><u>Ph.D. topics under Ph.D. in Environmental Sciences</u></b>	<b><u>Eligibility</u></b>	<b><u>Expert(AUR)</u></b>	<b><u>Expert(Univ of West of England, Bristol, U.K.)</u></b>
Microbial bioremediation of waste water	M.Sc Life Sciences:Microbiology/Biochemistry/Biotechnology/Botany/Zoology	Prof.Shruti Mathur	Dr. Darren Reynolds
Monitoring and risk analysis of water-related diseases	M.Sc./M.Tech.: Environmental Sciences/Environmental Engineering/Statistics	Dr. Era Upadhyay	Dr Chad Staddon
Water resource management	B.Tech.Chemical Engineering/Environmental Engg.	Dr Shatrughan Singh	Dr Mark Everard Dr Chad Staddon
Rural water management Watershed management	M.Tech. Civil Engg.	Dr. Pankaj Sharma	Dr Chad Staddon Dr. ThantiOctovianti