

# GROUND WATER CELL

## ADOPT RAIN WATER HARVESTING AND SAVE LIFE



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### STEPS TO BE TAKEN FOR THE PROPER MAINTENANCE OF THE FUNCTIONING OF ROOF TOP RAIN WATER HARVESTING STRUCTURES.

1. The system of collection, conveyance and dispersion of rain water for harvesting shall be made in such a manner that only clear water is able to enter.
2. The entry points of the rain water for harvesting in the system shall be designed in such a manner that at normal days, these remain covered.
3. The suitable arrangements of quick filtration of rain water also be made in the rain water harvesting structure.
4. Every year before the arrival of monsoon, the roof top, drains / pipes as well as catchment area of the premises should be properly cleaned by the concerned in charge of the campus where Rain Water Harvesting Structure is installed.

5. The roof outlet on the terrace should be covered with a mesh to prevent entry of leaves or other solid waste into the Rain Water Harvesting Structure.
6. A roof full of leaves should be cleaned on regular intervals in monsoon season.
7. The filter materials in filtration pit/ chamber washed/ cleaned properly before starting the monsoon.
8. Proper monitoring and inspection regarding functionality of Rain Water Harvesting Structure should be done regularly by the owner/ in charge of premises where structure installed.
9. Leaf trap and proper filtration should be done and the cleaning of injection well after 3 or 4 years as silting in the bore well may be deposited, so proper cleaning of injection well by boki/compressor should be done through boring firms/ contractors.
10. To take care by the concerned in charge/owner of premises for the Proper and free flow of rain water in the Rain Water Harvesting Structure.
11. To take care that untreated sewage water/contaminated water, industrial effluents not be used for recharging purpose.
12. Prevent entry of highly turbid water into recharge well.
13. Use of chemical fertilizers and pesticides in the lawns should be avoided in premises where Rain Water Harvesting Structure installed.

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