



GOVT.DEGREE COLLEGE WANAPARTHY

(ID-COLLEGE)

(Accredited with 'B' Grade by NAAC)

Affiliated to Palamuru University

Sri Vidya Nagar, Hyderabad Road, Wanaparthy-509103, Telangana State.

E-Mail: wanaparthy.jkc@gmail.com

Website <https://gdcts.cgg.gov.in/wanaparthy.edu>

Rain Water Harvesting:

1) Soak Pits used for Rain Water Harvesting :

The institution has four soak pits for harvesting of rain water which leads to improvement of ground water of main Bore well of the institution. This Soak pit is 100 meter distance to Main bore well.



- ❖ Soak pit beside Seminar hall in the college campus used for rain water harvesting particularly in the rainy season.




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- Rain water used as distilled water in Chemistry lab.




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2) Bore well:

The below image is indicating Soak pit near main bore well of the Institution. A man stood near main bore well which is 35 feet away from Soak pit. This Soak pit is used for rain water harvesting; the main bore well is recharged through the help of soak pit. It is located quite opposite to the main building of the campus among trees.




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2) Waste Water Recycling :

The institutions drinking water is recycled through connected drains to the plants. The wash basin and water utilities are connected to pathways leading to plants. Waste water of RO water Plant is used for plants. In addition to this our college has four water taps which is very useful for students for lunch. This Tap water is diverted for growing plants.



Waste water from RO Water plant is diverted to backside of the plants of main building of the institution.




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3) Maintenance of Water Bodies system In the College :

The main bore is connected to water tank and underground water storage tanks. There are two soak pits located at both sides of the main building, thus rain water harvesting is done in the college. Water overflowing from tanks is led to pathways of the plants.




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- ❖ Underground Water storage tank water is diverted to all the departments, labs and wash rooms of the institution.




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- ❖ Water used for plants from underground water storage tank.



- ❖ Water storage tank on top of the building.




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- ❖ Water diverted to all the departments, labs and wash rooms of the institution.



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❖ Purified Water Plant of the Institution:



❖ Purified drinking water for Staff & Students in the institution.



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