



WAVOO WAJEEHA WOMEN'S COLLEGE OF ARTS & SCIENCE - KAYALPATNAM

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

Run by Wavoo SAR Educational Trust

(Minority Institution)

WATER CONSERVATION

(a) RAIN WATER HARVESTING

The college is majestically located with two stores in an impressive landscape of 5 acres of land, very close to the sea with a gentle sea breeze that allures the minds of everyone who visit the college. Even though we have enough water reservoirs, yet the rain water is meant to give life to the plants and animals, which by all means need to be saved and preserved for future use. The saved water would raise the underground water level to be sufficiently used during summer when rain water becomes scanty.

The college building has a very good weather proof which may not allow a water leakage and hence the whole rain water is fully harvested on in and out sides with many pipes which is used for watering the plants at the hedges. Very close to the pipes flowering plants are kept which get water automatically when there is rain.

The water saved in cement tubs which are further used for watering the plants and this would raise the underground water level. A similar structure is also maintained inside the indoor open auditorium to save rain water. By this procedure, rain water is prevented from falling straight on the ground and getting evaporated during day time in the hot sun. Instead, this would raise the underground water level.



Fig : 1 Rain Water Harvesting Pipe OutSide View



Fig : 2 Rain Water Harvesting Pipe Inside View



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(b) Bore well / Open well

Our Colleges meets water needs through a drilled well near the campus garden. Two open wells, one well behind the entrance and another well near the playground, supply water to all wings of the main building, canteen, washroom and the garden.



Fig: 1 Open Well (1)

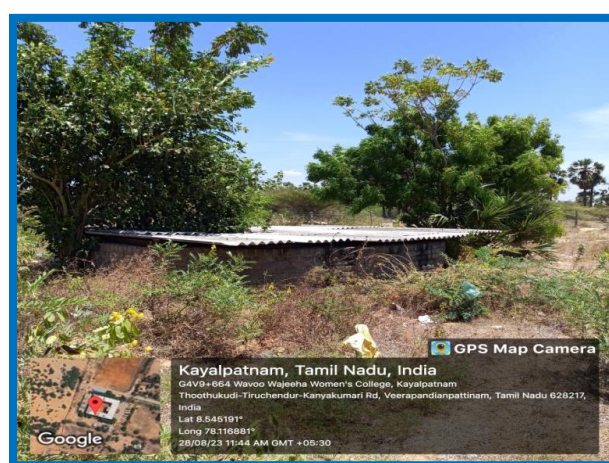


Fig: 2 Open Well (2)



Fig: 3 Bore Well (1)



Fig: 4 Bore Well (2)



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(c) Water Tank

The water from this tank passes to a sump from which water is pumped for garden, canteen, rest rooms and other uses.





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(d) Purified drinking water

For health and hygiene, we have distributed purified drinking water in all staff rooms of the department. And also for the welfare of students, our college provides purified water from the first floor to the second floor.

| S.No | Purified drinking water tank | Wing |
|------|------------------------------|---------------------------|
| 1 | Ground floor | CS, IT and PG Block |
| 2 | First floor | Physics, B.B.A |
| 3 | Second floor | English, Tamil, Economics |

