

## Criteria 7.1.2

### Water conservation facilities in the institution

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## **Vision**

Committed to excellence, we seek to advance education and enhance knowledge to develop transformative skills in women fuelled with innovation, research, and integrity, and environmental consciousness, social and ethical sensitivity to create the finest women leaders, technocrats and social innovators.

## **Introduction**

Water is so essential for life that it's simply impossible to imagine life without water. India has 16% of the world's population and only 4% of the world's water resources are available for use, and that too are depleting rapidly. The demand for water is expected to grow from 40 billion cubic metres (bcm) currently to around 220 bcm in 2025. The uneconomical and unethical use of water by human beings is the sole reason for the exploitation and deterioration of this valuable natural resource. Thus, both quality and quantity of water are at stake and have to be taken care of. It's the moral duty and social responsibility of each individual and community as a whole to contribute to conserve water and rejuvenate the water resources. In this direction, our institute has made efforts to ensure water conservation and water harvesting. The campaign has been channelized with the Motto "Be Water Smart, Every Drop Counts" following the 3R principle - Reduce, Reuse and Recharge.

The primary goal of Indira Gandhi Govt. College Pandaria Distt.- Kabirdham , Chhattisgarh water conservation policy is to provide safe and clean water in whole campus area. The college is implementing water efficient practices. Student and staff engagement play a major role in our water sustainability strategies. Reducing water consumption and protecting water quality shall be the key objectives of sustainable policy of Indira Gandhi Govt. College Pandaria distt.- Kabirdham.

## **Goal & Plans**

- Maximize water use efficiency and minimize wastage of water.
- All existing buildings to be used for rainwater harvesting.
- Promote investment in green infrastructure in all future development plans.
- Ensure awareness about the water conservation policy of the college among all the staff and students.
- Promote students to monitor and collect information related to water bodies and their pollution of nearby areas.
- Inform, educate and increase the awareness regarding the importance of water to life and the need for conservation and efficient use of water.

## Available sources

The water source of our institution has an open bore well system. This bore well system provides water for daily use.



Pic :- Open borewell system/facility of institute

## Water Storage container:-

For the storage of water, there are 3 tanks on the roof of the institute. One tank is 1000 liters & remaining are 500 liters capacity. One water container is also situated in the front corridor for drinking purposes.





Container-1



Container-2

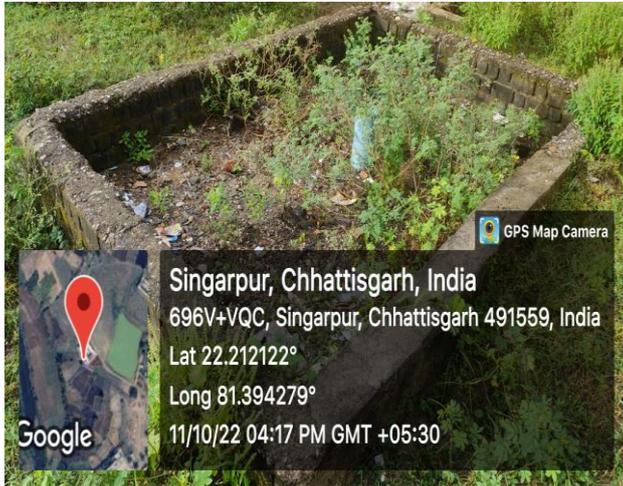


Container-3

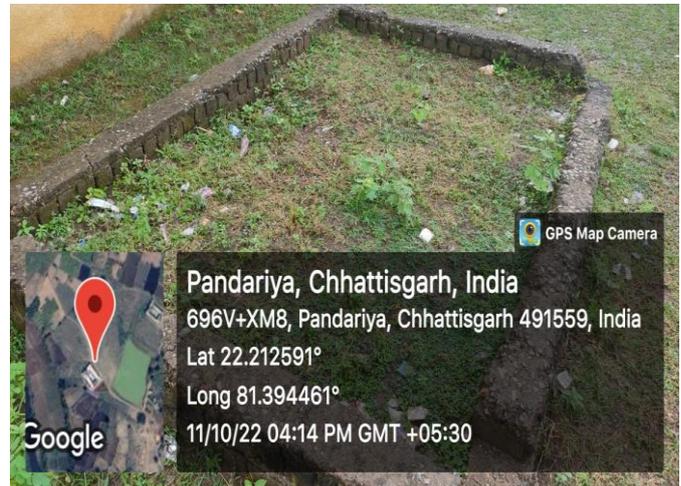
Pics:- 3 tanks of 500 liters capacity tanks present on roof top

## Water harvesting facilities

For the conservation of water around both sides of the college, 4 water recharge facilities are constructed. They collect the rain water from the roof top via pipes & pass it to the ground level.



Water Recharge-1



Water Recharge-2



Water Recharge-3



Water Recharge-4

## Conclusion

Regardless, an institution of higher learning should have a moral. Indira Gandhi Govt. College Pandaria Distt.- Kabirdham has a responsibility to promote and propagate a message about water conservation and its sustainable use among the academic community and society as well. Over the past few years, the college has undertaken a number of initiatives to utilize water more efficiently and effectively within the campus.



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**PANDARIA, DISTT. KABIRDHAM (C.G.)**