



# GOLDEN RESEARCH THOUGHTS

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## ORIGINAL ARTICLE

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**ANALYSIS OF WATER QUALITY USING  
PHYSICO- CHEMICAL PARAMETERS OF  
BELAPUR RESERVOIR IN AKOLE  
TEHSIL, MAHARASHTRA**



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### ABSTRACT

This Paper Present to study of the Physico-chemical Parameters of Belapur Reservoir in Akole Tehsil, Maharashtra . situated at 74.04 longitude and 19.17 latitude. They Changes In Physical and Chemical Parameters Such as pH, Electrical Conductivity, Calcium, Magnesium, Total Hardness, Carbonate, Bicarbonate, Chloride, Total Dissolved Solid, Sodium, sodium absorption ratio. Were analyzed for a periods of post monsoon and pre- monsoon.

Article Indexed in



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### Introduction

Water is one of the most important compound to the ecosystem. Better quality of water described by its Physical, Chemical and Biological characteristics. Due to increased human population, use of fertilizers in agriculture and Man-made activity. The natural aquatic resources are causing Heavy and varied pollution in aquatic environment leading to water quality .

#### A Good Introduction :-

*Depict the significance (importance) of the study - why was this value doing in any case? Give a wide connection. Extremely briefly depict the exploratory configuration and how it achieved the expressed destinations.*

### Materials

The water samples were collected in polythene bottles .which were cleaned with acid water, followed by rinsing twice with distilled water. The water samples are chemically analyzed [5].

#### A Good Materials :-

*Materials may be accounted for in a different passage or else they may be distinguished alongside your systems. In biosciences we habitually work with arrangements - allude to them by name and portray totally, including convergences of all reagents, and pH of watery arrangements, dissolvable if non-fluid.*

### Result

pH -Definition of pH =  $-\log(H^+)$  . As pH >7 the water becomes alkaline. The pH is alkaline due to presence of any alkaline earth metal such as Sodium Potassium etc. along with carbonates and bicarbonates with sodium resulting in the increase of alkalinity. So pH increases above 7.

#### A Good Result :-

*Abridge your discoveries in content and show them, if fitting, with figures and tables. In content, depict each of your outcomes, guiding the per user toward perceptions that are generally significant.*

### Conclusion

It is found that the water of Belapur Reservoir in Akole Tehsil, are permissible limits prescribed by WHO. It is pure; it can be used for drinking purpose, domestic use and agriculture purpose. This water no any effect on human body.

#### A Good Conclusion :-

*Choose if the trial outline satisfactorily tended to the speculation, and whether it was legitimately controlled. Attempt to offer option clarifications if sensible options exist.*

### References

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- A. Agarwal, C. Sharma, State India Freshwater, A Citizen Report centre for science and Environment, NewDelhi, 1982.
- L. Claessens, C. Hopkinson, N. Rastetter., J. Vallino, Water Resources Research, 2006, 403426.doi:10.1029/2005WR004131

#### A Good References :-

*There are Places where the Author Shingote Prashant Lahu , Salunke Mukund Shriram and Wale Laxman Lahanu Need to Cite a Reference, but Have Not*

**SUMMARY OF ARTICLE**

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas	✓				
3.	Importance of the proposed ideas		✓			
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn		✓			
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation (Up-to-date, Appropriate Sufficient)	✓				

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Editor-in-Chief

## CERTIFICATE OF EXCELLENCE IN REVIEWING

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**T. N. Shinde**  
Editor-in-Chief

### REVIEWER COMMENTS

- This was a superb give an account of extremely intensive examination.
- The writing audit was careful, the approach was carefully exhaustive and fused the utilization of sufficient quantities of tests in dust size examination and blast tests.
- I discover no shortcoming at all with the routines, information examination, or conclusions.

Authorized Signature

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