



**Shri Shivaji Education Society's  
Board for Higher Education Vidyanagar Karad**



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

**Department of Chemistry**

**Year 2023-24**

**Name of activity- "Water Expedition: On-Field TDS Checking"**

**Index**

<b>Sr. No.</b>	<b>Name</b>
1.	Rohini Ranjit Badekar
2.	Mahesh Laxman Kamble
3.	Rajkumar Zaunje
4.	Kondiba Namdev Shendage
5.	Shahiji Namdev Thorat
6.	Nilesh Ashok Thorat
7.	Kishor Baban Babar
8.	Dattatray Bharat shejal
9.	Kalmade I. S

**Head**  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



**Principal**  
Yashwantrao Chavan College  
of Science, Karad



# Yashwantrao Chavan College of Science, Karad

## Department of Chemistry

Extension Activity 2023-24

### Name of activity- "Water Expedition: On-Field TDS Checking"

#### Purpose:

**Health Awareness:** Increase awareness about the link between water quality, particularly Total Dissolved Solids (TDS), and community health.

**Assess Water Quality:** Evaluate the overall quality of water in the community.

**Public Health Improvement:** Contribute to improved public health outcomes by addressing potential waterborne health risks.

#### No. of beneficiaries:

09

#### Outcome/ success achieved:

**Community Awareness:** Increased awareness about water quality and the importance of TDS levels in the community. People become more conscious of the factors influencing their water supply.

**Health and Well-being:** Identification of potential water quality issues can lead to improved health outcomes for the community. Addressing high TDS levels or other contaminants can contribute to a healthier water supply.

**Community Resilience:** By actively addressing water quality concerns, the community becomes more resilient to potential challenges related to water contamination or scarcity.

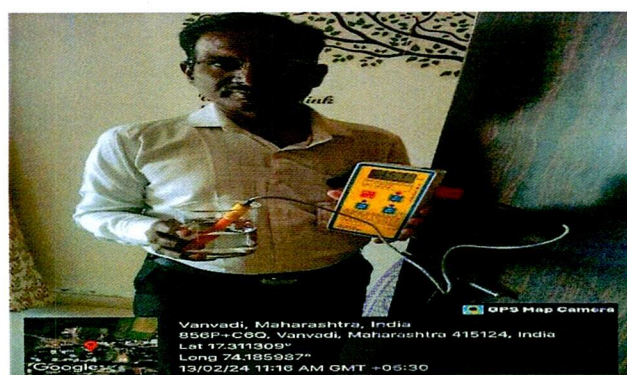
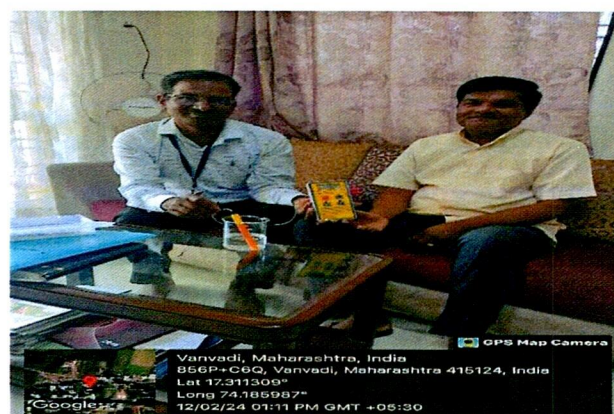
**Positive Public Relations:** If the initiative is well-publicized, it can enhance the public image of your organization or department, showcasing a commitment to community well-being.

#### Teachers involved in the activity

Prof. Dr. S. H. Burungale  
Dr. R.S. Patil  
Dr. U. P. Lad  
Dr. S. D. Jadhav  
Mr. M. K. Mahale

Prof. Dr. A. V. Mali  
Mr. B. E. Mahadik  
Dr. V. S. Patil  
Dr. K. s. Jagadhane  
Mrs. N. P. Panwal

Mr. A. N. Bhingare  
Mr. G. B. Dhake  
Mr. S. D. Karande  
Mr. M. I. Maneri  
Mrs. R. A. Kadam



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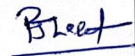




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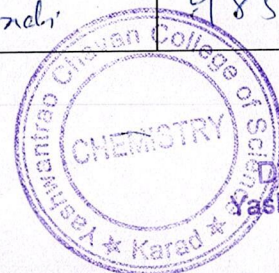


**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity 2023-24**

**Department of Chemistry**

Name of activity- "Water Expedition: On-Field TDS Checking"

Sr. No	Name	Address	Mobile No.	Sign
1.	Rohini Ranjit Budekar	Pooja the Landmark 04	7769086968	
2.	Mahesh Laxman Kamble	Pooja the Landmark 02	8668755575	R.M.Kamble.
3.	Rajkumar Zanje	Pooja the Landmark 06	8329126406	
4.	Kondiba Namdev Shendage	Pooja the Landmark 12	9175704071	
5.	Shahaji Namdev Thorat	Pooja the Landmark 11	8329797749	
6.	Nilesh Ashok Thorat	Pooja the Landmark	9096817011	
7.	Kishor Babun Babar	Pooja the Landmark	8669556155	
8.	Dattatraya Bhurat Shojmal	Pooja the Landmark	7770061601	
9.	Kadmade I.S.	Gurukul Colony, Banarwadi	9850955076	



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## Extension Activity 2023-24

Department of Chemistry

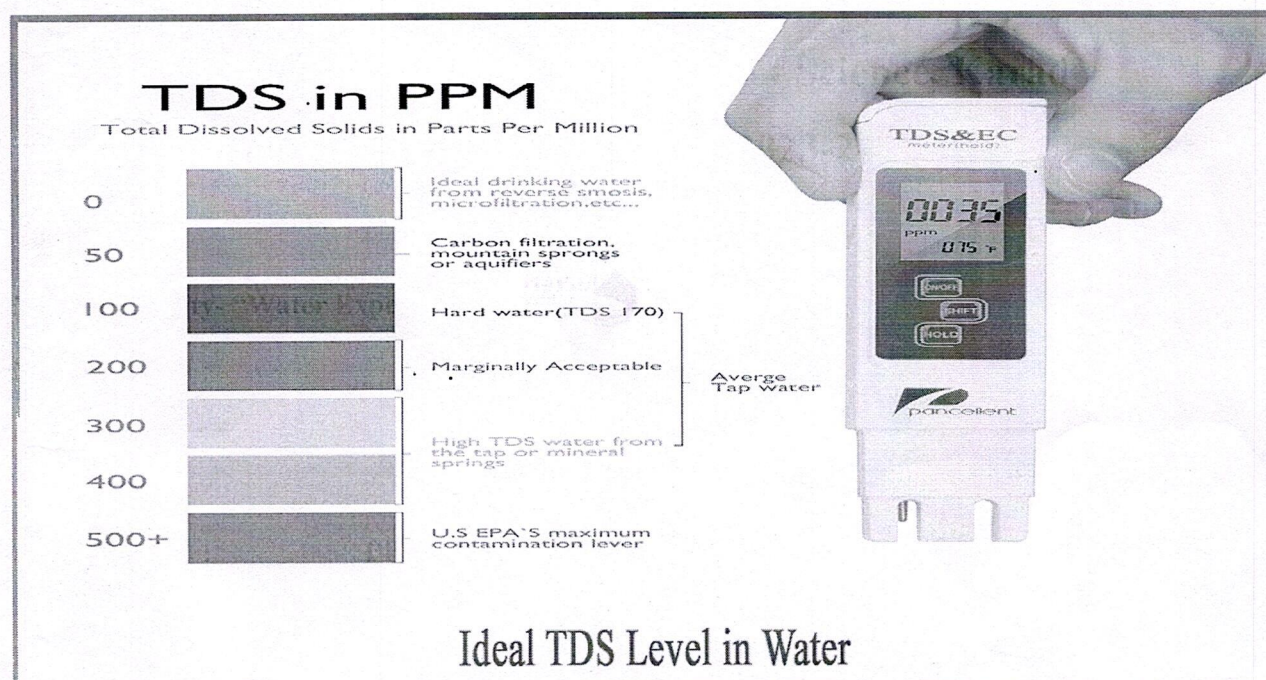
Date: 13.2.2024

Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Rohini Ranjit Badekar

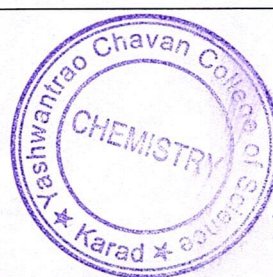
Address : Pooja the landmark

TDS : 1.618 PPT = 1618 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200 ✓	Unacceptable

Conclusion - This water is Potable : Yes / No



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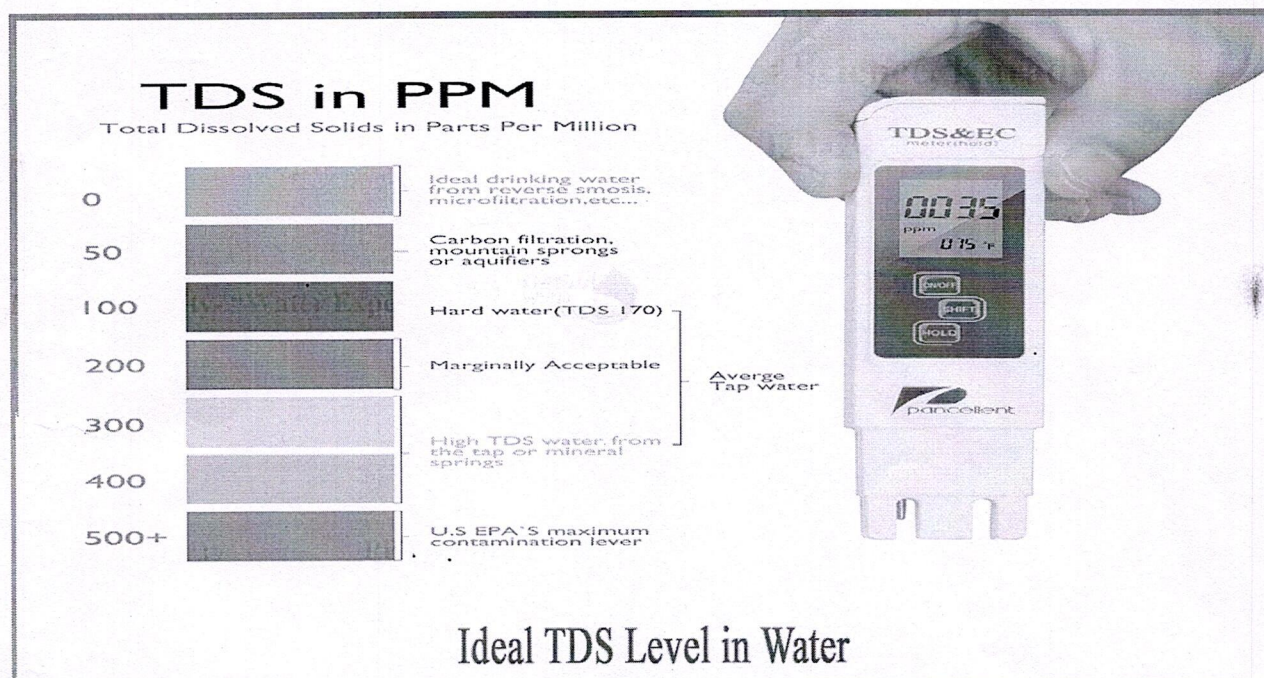
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Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Mahesh Laxman Kamble

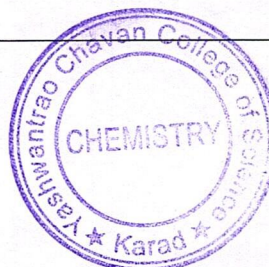
Address : Pooja The Landmark

TDS : 11563 PPT = 1563 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200 ✓	Unacceptable

Conclusion - This water is Potable : Yes / No



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## Extension Activity 2023-24

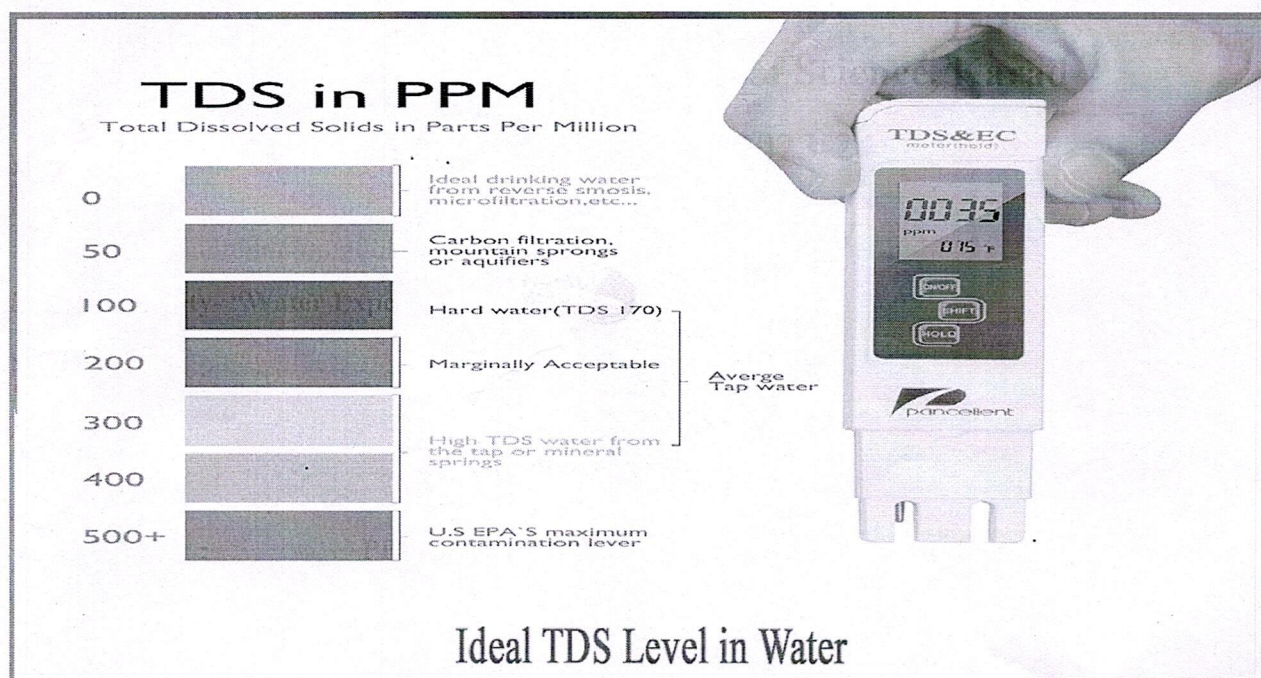
Department of Chemistry

Date: 13/2/2024

Name of activity- "Water Expedition: On-Field TDS Checking"

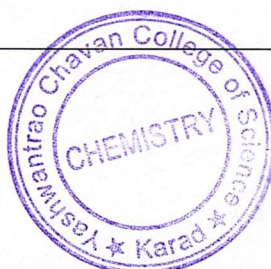
Name : Rajkumar Zanje  
Address : Poja the landmark

TDS : 0.098 PPT = 98 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300 ✓	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200	Unacceptable

Conclusion - This water is Potable : Yes / No



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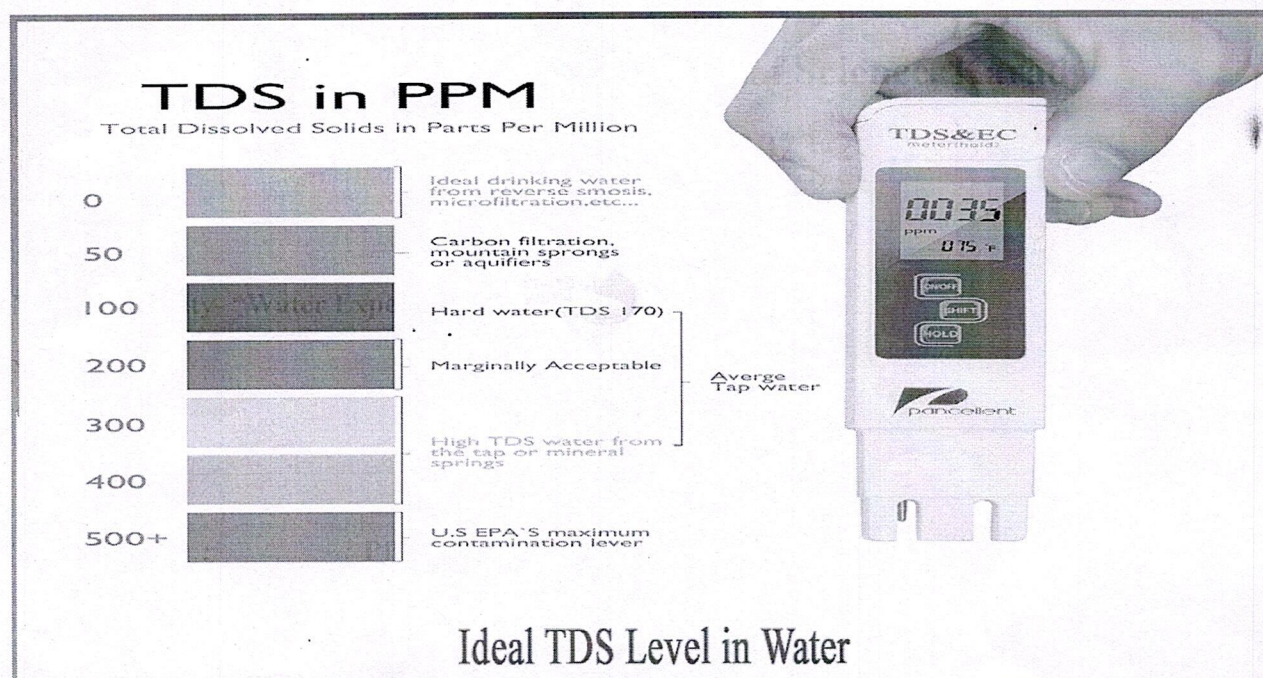
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Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Kandiba Nandev Shendage

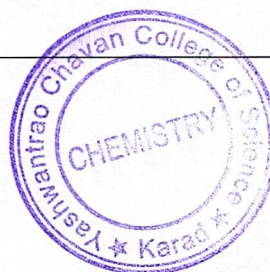
Address : Pooja the landmark

TDS : 1.573 PPT = 1573 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200 ✓	Unacceptable

Conclusion - This water is Potable : Yes / No



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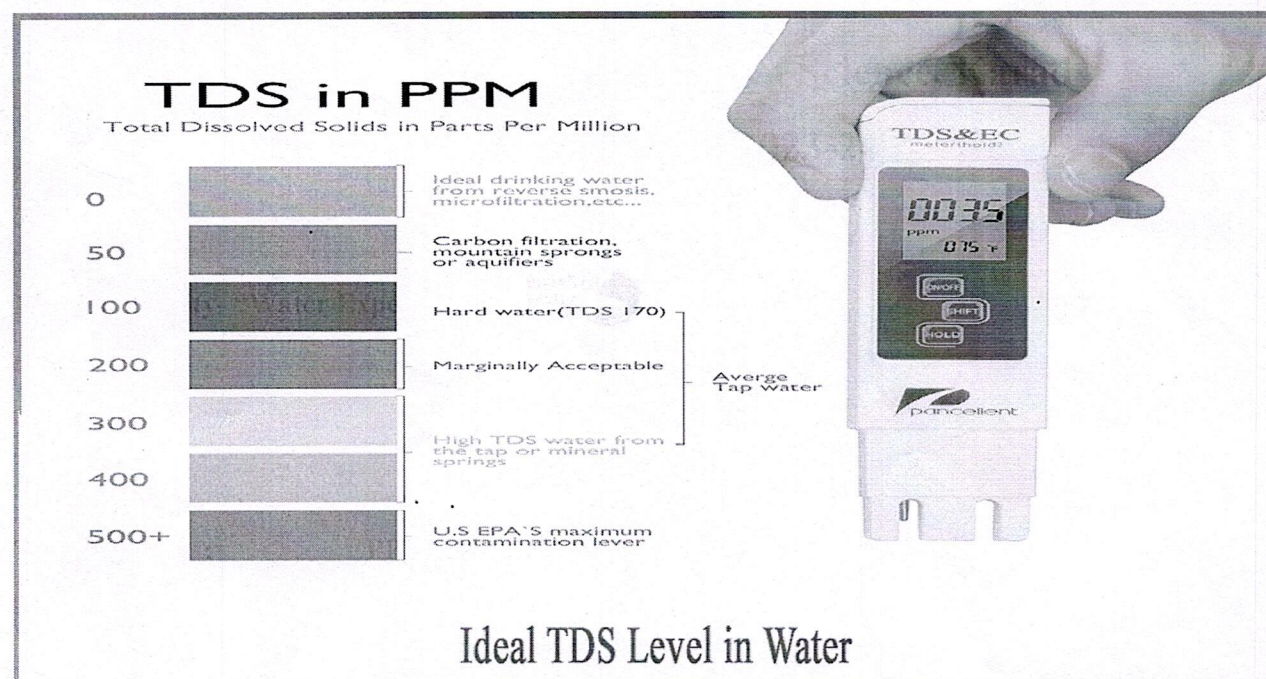
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Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Shahaji Naikdev Thorat

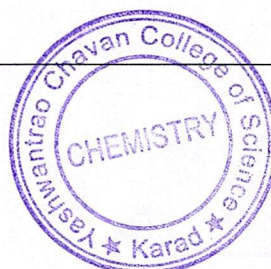
Address : Pooja the landmark

TDS : 0.435 PPT = 435 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300	Excellent
300-600 ✓	Good
600-900	Fair
900-1200	Poor
Above 1200	Unacceptable

Conclusion - This water is Potable : Yes / No



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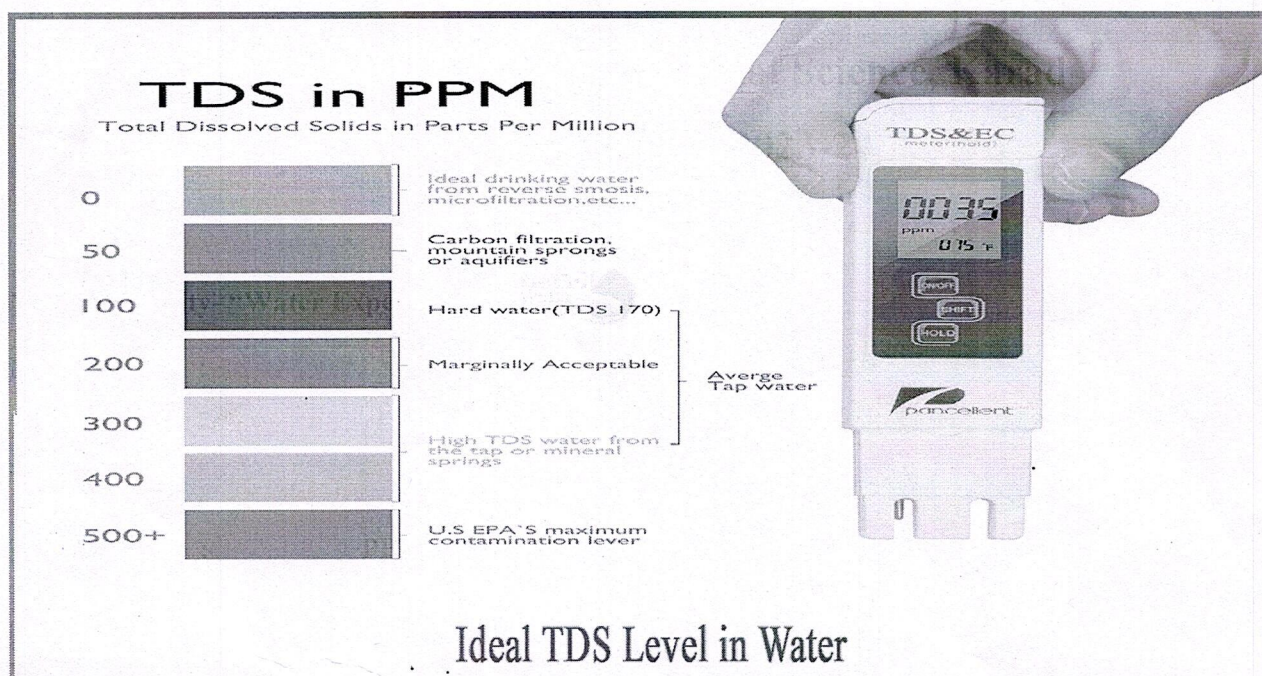
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Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Nilesh Ashok Thavat

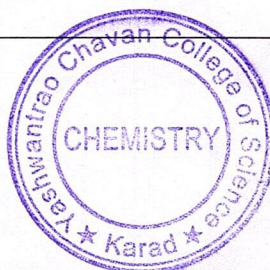
Address : Pooja the Indurkar

TDS : ~~0.161~~ 161 PPT = ~~161~~ PPM



Level of TDS (milligrams per lit)	Rating
Less than 300 ✓	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200	Unacceptable

Conclusion - This water is Potable : Yes / No



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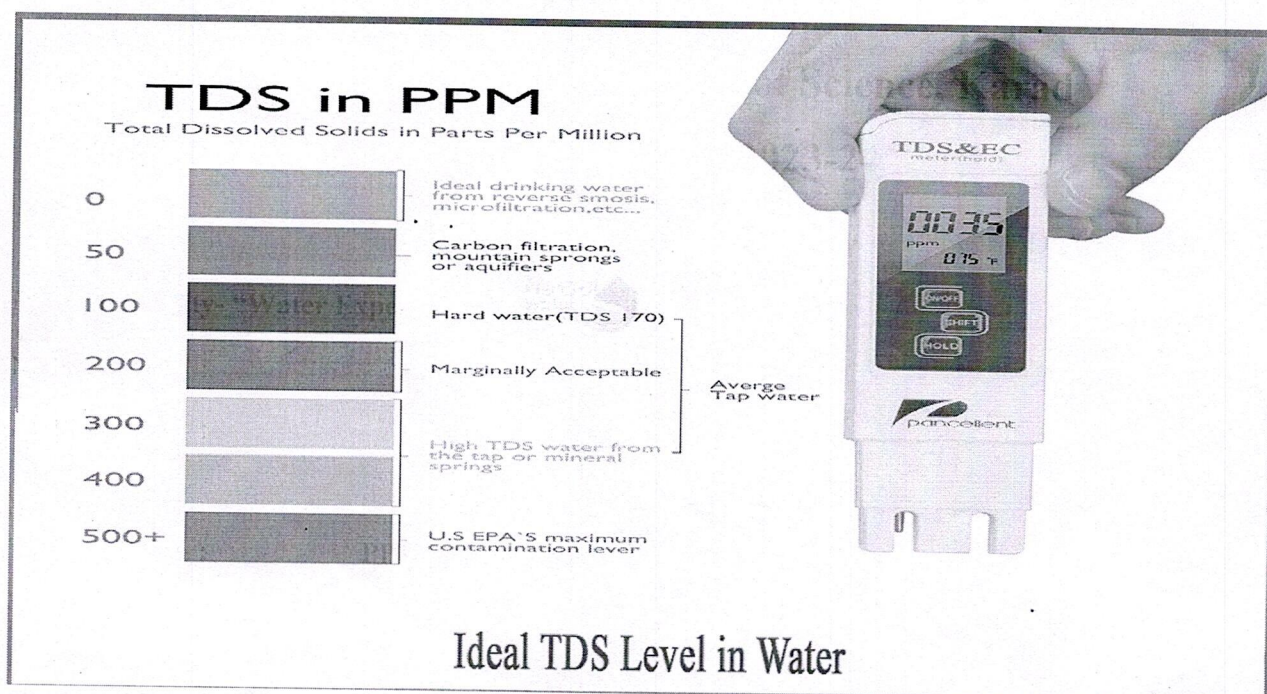
Date: 13.2.2024

Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Kishor Baban Babar

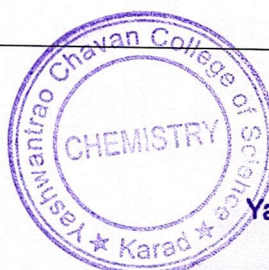
Address : Pooja the landmark

TDS : 0.161 PPT = 161 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300 ✓	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200	Unacceptable

Conclusion - This water is Potable : Yes / No



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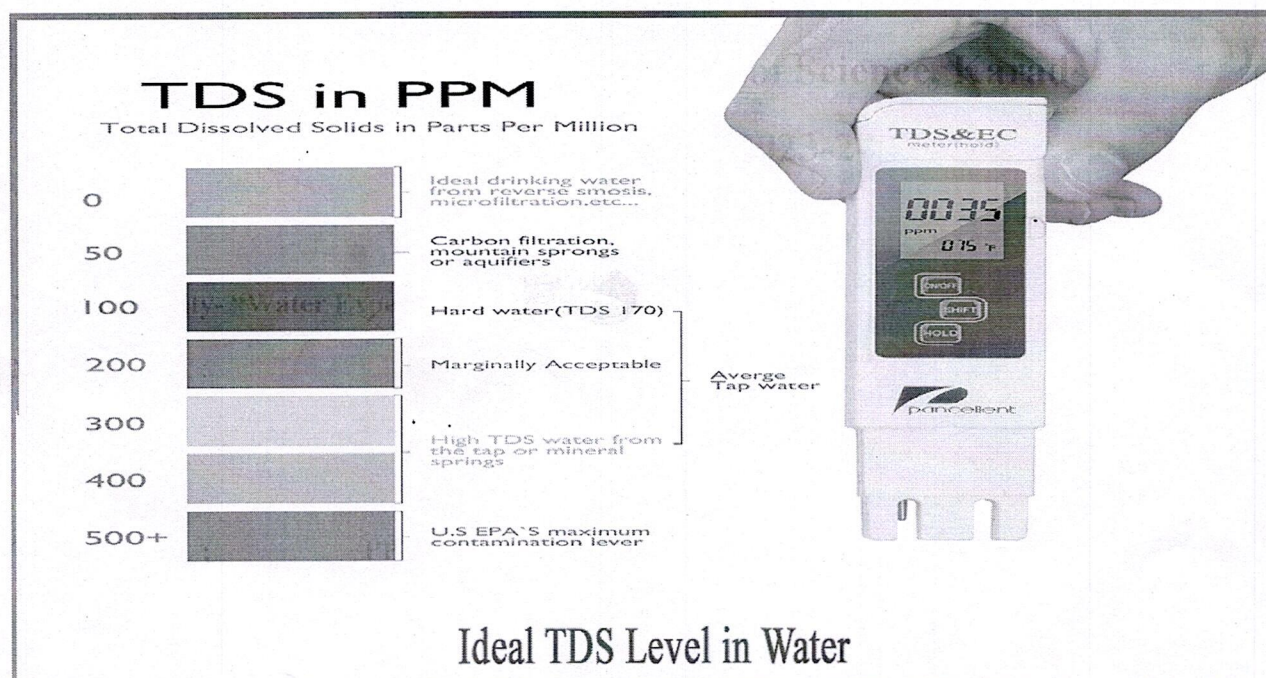
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Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Dattatraya Bharat Shejwal

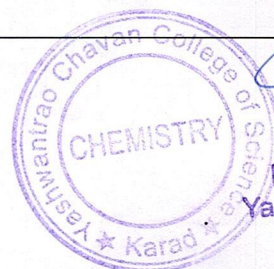
Address : Puja the landmark

TDS : 0.192 PPT = 192 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300 ✓	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200	Unacceptable

Conclusion - This water is Potable : Yes / No



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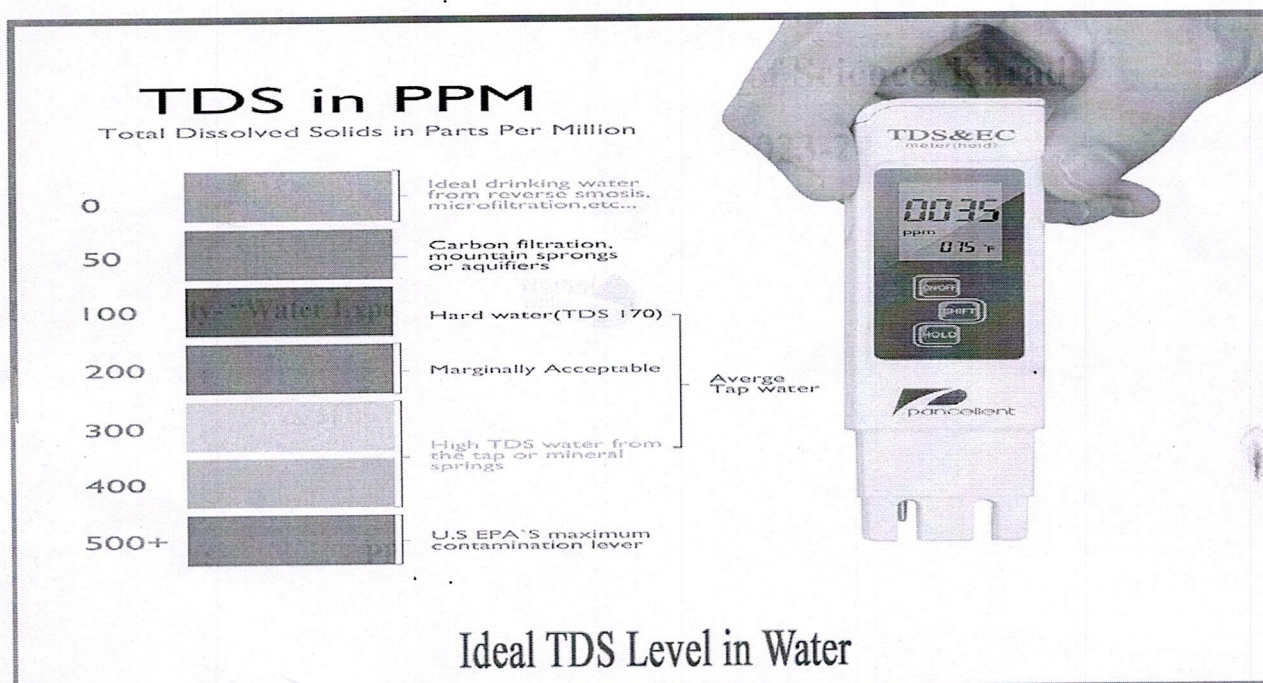
Date: 13.2.2024

Name of activity- "Water Expedition: On-Field TDS Checking"

Name : Kalmade I.S.

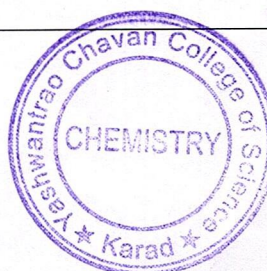
Address : Gumbel colony, Bananade

TDS : 0.146 PPT = 146 PPM



Level of TDS (milligrams per lit)	Rating
Less than 300	Excellent
300-600	Good
600-900	Fair
900-1200	Poor
Above 1200	Unacceptable

Conclusion - This water is Potable : Yes / No



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