



Vishal Shikshan Prasarak Mandals, Dhule Sanchalit
Prof. A. B. Patil Arts, Commerce and Science Mahavidyalaya, Mahindale, Dhule

Nagpur- Surat Diversion Road, New SRP camp Near, Mahindale, Dhule

Website: www.vspm.net.in

Email : vspmdhule2018@gmail.com

Vice-President
Dr. Rajesh A. Patil
9823057943

President
Prof. A. B. Patil

Principal
Dr. A. A. Patil
9975931632

BEST PRACTICE

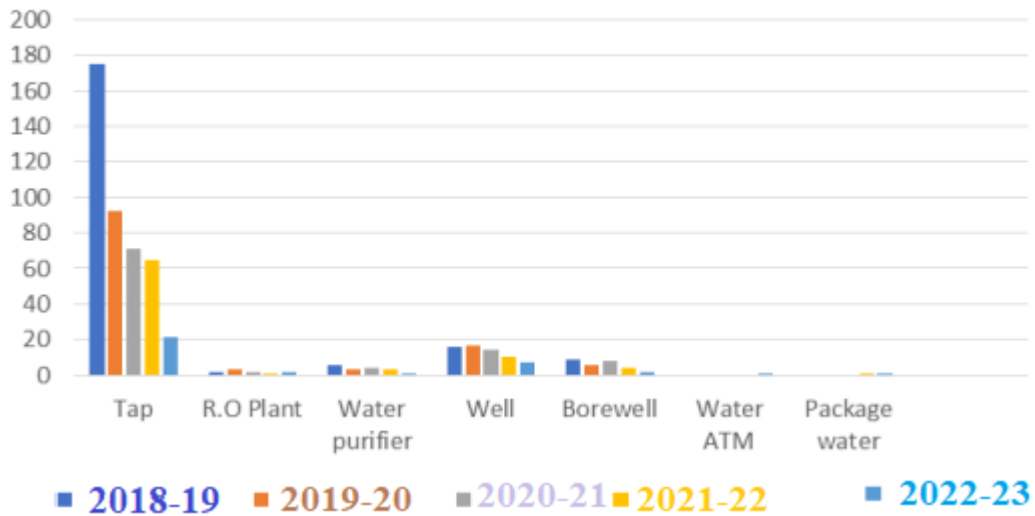
Drinking Water testing of Mahindale Village

Numerous diseases that are transmitted by water can be contracted from drinking water. It is usually beneficial to check beforehand to prevent these water-borne illnesses. Water bacteriological analysis is one of our college's best practices. It entails testing water quality parameters for contaminant indications.

The MPN (most likely number) method was used to determine the potability of water samples that the residents of Mahindale Village collected from various sources and placed in sterile containers provided by the college's Chemistry department. Various public space are the sources of R.O. water. From containers, package water was gathered. In order to determine whether or not the water is potable, the bacteriological test provides physical characteristics as well as a positive or negative total coliform bacterial count. Certain guidelines for safe drinking water were given based on the results for polluted water. This water should have a pH level that is balanced, be free of contaminants, and be abundant in naturally occurring minerals for health. Z. B. Patil College's microbiology department at Deopur, Dhule, conducted the microbiological study.

SOURCE	2018-19		2019-20		2020-21		2021-22		2022-23	
	Sample	Positive Sample	Sample	Positive sample	Sample	Positive sample	Sample	Positive samples	Sample	Positive samples
Tap	207	175	163	92	187	71	170	65	164	21
R.O Plant	57	02	69	03	93	02	54	01	50	02
Water purifier	97	06	32	03	71	04	60	03	46	01
Well	70	16	155	17	114	14	77	10	120	07
Borewell	65	09	68	06	75	08	52	04	60	02
Water ATM	00	00	00	00	00	00	00	00	20	01
Package water	00	00	00	00	00	00	38	01	40	01
Total	496	208	487	121	540	99	451	84	500	35

Analysis of Drinking water testing




Evidence of success

This practice developed awareness about safe and hygienic drinking water amongst staff and students.

- This facility is helpful to students from rural areas and agricultural background.
- It is free for all students and staff. It saved time and money
- Practical skills of final year B.Sc. students were improved.




Principal
VSPM, S Arts, Commerce & Science College
Near S.R.P. Camp Mahindale Dhule

Last Five Year Result of Testing of Drinking Water

2019-20.

S.No.	Name	Source	AlpH Indox Caumt / 100ml	Sign
1	Gosami. yagesh.	Water. Pur.	0	Sign
2	Sonawane. Akasha	Well.	170.	Sonawane
3	Bhalerao. Ashwanya.	Well	0	PD
4	Shinde Swati	R.O.	0.	SS.
5	Mare. Samedhan.	well	140	Mare
6	Shelke. deulkesim	well	220	Shelke
7	Sahane. Kamina	Tap.	110	SA
8	Bagut Jyotswini.	Borewell	12	SA
9	Uali. Rekha	Tap.	170	Mahajan
10	Karanjkar. bhavana.	Tap	220	Karanjkar
11	Bhor. Anurag	Tap	170	SA
12	Mulhal Pooja.	Tap	0	SA
13	Kedar. Sakshi.	Borewell	120	Kedar Sakshi
14	Zankar. Suvarna.	well	2	Zankar
15	Bute. Nikita.	Water. Pur.	0	Bute
16	Sangle. Subik.	Well	110	Sangle
17	Borade. Gayatri.	Tap	110	Borade
18	Rode. Manisha	Borewell	12	Rode
19	Shinde Subaj	Tap.	110.	Shinde
20	Harak. gokul.	Package water	0.	Harak
21	Gautwad kayal.	Tap	130.	Gautwad
22	Sonawane. Vrushali.	Tap.	220	Sonawane
23	Rathod Anusaya.	R.O.	0	Rathod
24	Pooje. Ashwini	Borewell	110	Pooje
25	Rokude. Kavita.	Water. Purifier	0	Rokude
26	Zankar. Ashwini	Tap.	130	Zankar
27	Kedar. pankaj	Borewell	110.	Kedar
28	Zade Minakshi	Tap	220.	Zade
29	Jaisankar Sneha.	Well	110	Jaisankar
30	Jadhav Priyanka	Well	140	Jadhav
31	Waye Vaishnavi	R.O.	0	Waye

2018 - 19

ST. No	Name.	Source.	MPH Index/ Count 100ml	Sign.
1	Sweetly Salve.	Tap.	350.	Sunil
2	Adke Rukhmini	Water Pur.	0.	Kul
3	Aher. Rushmi	Packed water	0.	NBodh
4	Baid. Meha.	Tap	110.	Dee
5	Bhivgade Lalit	Tap	220.	Dee
6	Bhivseene. Jayshre.	Water filter	0.	MS
7	Bhutade Sushmita.	Tap.	110	Sushmita
8	Borade puja.	Tap.	350.	Borade.
9	Borade Jayshe	Packed water	0.	MS
10	Bute Damisale	well	50	Bute
11	Chauhan. Kamchan.	Tap	130.	Chauhan
12	Deshmukh. Kalpesh.	well	0.	DK
13	Dhameya. Puja.	Tap	170.	Dee
14	Dhunjad. Ashwini	well	140	Dr. Dhunjad
15	Gadhane. Rohini	Water filter.	0.	Dee
16	D. S. Shinde	Tap	220.	Shinde
17	B. P. Pagar.	Tap	350	BPPagar
18	K. R. Labhade.	Water Pur.	0	Labhade
19	V. E. Sonawane.	Water Pur.	0	Sonawane
20	S. M. Menghane.	Tap	50	Menghane
21	A. D. Bhagat.	Well	60	Dee
22	S. S. Shirsalkar.	Water Pur.	0	S. S. Shirsalkar
23	S. B. Singh	Tap.	220	S. B. Singh
24	Sarita. Ahe.	Water filter	0	Ahe
25	Prayakta Patil.	Packed water	0	Prayakta Patil
26	Kardak. S. E	Tap	50.	Kardak
27	Nehe. P. K.	Tap	140.	PK
28	N. W. Bagul.	Water filter	0	N. W. Bagul
29	S. R. Patil	Tap	350	SPP
30	V. P. Patil.	Borewell	40	V. P. Patil
31	Godse. Tejal.	B. Well	60	Godse
32	Gurjar Ashwini	Borewell	90	Gurjar

Sr. No	Name	Source	Coliform Count/100ml	Program
1	Dhelingje Samuddhi	Water Pur.	0	Dhelingje
2	Handort Akash.	Tap	140.	Handort
3	Dhokam. Yogita	R.O.	0	Dhokam
4	Pagare Sonali	Well	140	Pagare
5	Khem Zaveri.	Tap	500	Khem
6	Londhe Tejaswini	Water Pur.	0.	Londhe
7	Khemina Chitra.	Tap	140	Khemina
8	Hohite Manali	Borewell	90	Hohite
9	Bhor. Kamchan	Tap	170	Bhor
10	Rode Vrushali	Tap	80	Rode
11	Jakame. Poyanku	Tap	60	Jakame
12	Katore Nikita.	R.O.	0	Katore
13	Gyacheni Nitin	Borewell	12	Gyacheni
14	Muthal Purja.	Tap	220	Muthal
15	Zembad Rashmi	Tap	940	Zembad
16	Tayade Aditya	Water Pur.	0.	Tayade
17	Nisat Megha.	Well	40	Nisat
18	Katke. Ashwini	Well	170	Katke
19	Londhe Mayu.	Well	130	Londhe
20	Unhaves. Tammy	R.O.	0	Unhaves
21	Dhat. Mayuri	Well	50	Dhat
22	Pawar Shivani	Tap	500	Pawar
23	Pagare Shradha	Tap	0	Pagare
24	Gawane Neha.	Water Pur.	2	Gawane
25	Harat. Shweta	R.O.	0	Harat
26	Sant. Samrat	Well	110.	Sant
27	Porade Vrushani	Tap	280	Porade
28	Kore Shradha.	Tap	110	Kore
29	Senawane Madhu.	Tap	170	Senawane
30	Besad Jayashri	Well	130.	Besad
31	Zaula Snehal.	Borewell.	0.	Zaula

S.No.	Name of Student	Source	Coliform c UPH Index/ 100ml	Sign.
1	Gadhare Shital.	Well	110	Gadhare Shital
2	Gadhare Mayuri	Tap	220	Gadhare Mayuri
3	Godse Reshma.	R.O.	0.	Godse Reshma
4	Balpute Vrushali	Tap	140.	Balpute Vrushali
5	Munse Vaisha.	R.O.	0.	Munse Vaisha
6	Borse Mehini	Tap	220	Borse Mehini
7	Kadam Priyanka.	Tap	90	Kadam Priyanka
8	Karai Subhengi	Tap	170	Karai Subhengi
9	Muthal Deepali	Tap	220	Muthal Deepali
10	Kokam Seema.	Borewell	70	Kokam Seema
11	Wagh Poojali	Tap	110	Wagh Poojali
12	D.S. Shinde	R.O.	0	D.S. Shinde
13	B.P. Pagar	Tap	350	B.P. Pagar
14	K.R. Labhade	Water Pur.	0	K.R. Labhade
15	Shri P.D. Dhondage	Tap	220	Shri P.D. Dhondage
16	Shri B.L. Erande	R.O.	0	Shri B.L. Erande
17	Smt S.A. Bharmare	Tap	80	Smt S.A. Bharmare
18	A.S. Shahu	Water Pur.	0.	A.S. Shahu
19	N.M. Morade	Tap	170	N.M. Morade
20	B.D. Tadhe	Tap	280	B.D. Tadhe
21	S.S. Murkute	Tap	140	S.S. Murkute
22	Kandak. S.E.	Tap	110	Kandak. S.E.
23	Nehe P.K.	Well	26	Nehe P.K.
24	H.N. Bagni.	Tap	220	H.N. Bagni.
25	S.R. Patil	Tap	170	S.R. Patil
26	X.P. Patil	R.O.	0	X.P. Patil
27	Waje Pratibha	Tap	140	Waje Pratibha
28	Zembad Keelmi	Borewell.	220	Zembad Keelmi
29	Garkwad Senali	Tap	110	Garkwad Senali
30	Gadkar. Viraj	R.O.	2	Gadkar. Viraj

Students are collecting the water sample

