

MVP Samaj's

S.V.K.T. ARTS, SCIENCE AND COMMERCE COLLEGE, DEOLALI CAMP, NASHIK

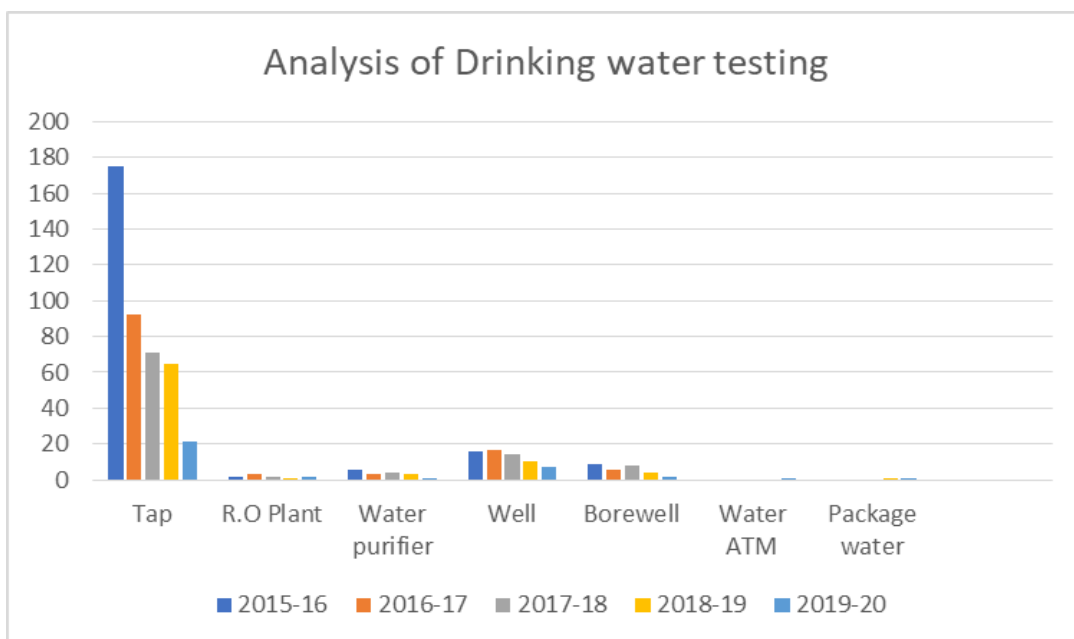
BEST PRACTICE

Drinking Water testing of college staff and students

Water used for drinking purpose is a source of many water-borne diseases. Prior checking is always helpful for prevention of these water-borne diseases. Bacteriological analysis of water is best practice of our college. It involves water quality parameter testing for indicators of contamination.

Under this activity water samples were collected from various sources by staff, students and community in sterile containers provided by Microbiology department of the college and was analyzed for potability by using MPN (Most probable number) method. R.O water is collected from public places and hotels. Package water was collected from containers. The bacteriological test indicates the physical parameters and the positive or negative presence of total coliform bacterial count which results the water is potable or not. According to results for contaminated water some recommendations were provided for safe drinking water which should have balanced pH level, be contaminant free, rich with healthy naturally occurring minerals.

SOURCE	2015-16		2016-17		2017-18		2018-19		2019-20	
	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



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.

Mr. Avinash Kale
Head of Department

Dr. V J Medhane
Principal

Note: Originals are signed by head of Department and Principal

Last Five Year Result of Testing of Drinking Water

2019-20.

S.No.	Name	Source	Hardness (mg/l)	Sign
1	Gosami. yagesh.	Water Pur.	0	Pyon
2	Bonawase. Akansha	Well	170	Somnath
3	Bhalerao. Ashwanya.	well	0	PD
4	Shinde Smali	R.O.	0	SS.
5	Mare. Samadhan.	well	140	Meme
6	Shelke. devkesham	well	220	shik/le
7	Sahane. Kamina	Tap.	110	(B)
8	Bagut. Jyotswini.	Borewell	12	(B)
9	Mali. Rekha	Tap.	170	Mahajan
10	Karanjkar. bhavana.	Tap	220	Karanjkar
11	Bhor. manika	Tap	170	Kam
12	Mulhal. puja.	Tap.	0	— mhm
13	Kedar. Sakshi.	Borewell	120	Kedar. Sakshi
14	Zankar. Suvarna.	well	2	—
15	Bute. Nikita.	Water Pur.	0	Banikote
16	Bangle. sutik	well	110	Gyadoti Fe
17	Borade. gayatri.	Tap	110	Gast. B.
18	Rode. Manisha	Borewell	12	Rode. m
19	Shinde. Susaj	Tap.	110	Shinde. Susaj
20	Havak. gokul.	Package water	0	Havak. Gokul
21	Gautwad. kayal.	Tap	130	Gautwad. kayal
22	Sonawane. Vrushali	Tap.	220	Sonawane
23	Rathod. Anusuya.	R.O.	0	—
24	Pooje. Ashwini	Borewell	110	Pooje. Ashwini
25	Rokude. Kavita.	Water Purifier	0	Rokude. Kavita
26	Zankar. Ashwini	Tap.	130	Zankar. Ashwini
27	Kedar. Pankaj	Borewell	110	Kedar. Pankaj
28	Zade. Minakshi	Tap	220	Zade. Minakshi
29	Jarus. Sneha.	Well	110	Jarus. Sneha
30	Jadhav. Priyanka	Well	140	Jadhav. Priyanka
31	Waye. Vaishnavi	R.O.	0	Waye. Vaishnavi

2018 - 19

Sl. No	Name.	Source.	MPN Index/ Count 100 ml	Sign.
1	Sweety Salve.	Tap.	50.	Shinde
2	Adke Rukhmini	Water. Pur.	0.	Kulkarni
3	Aher. Rukhmi	Packed water	0.	NBrock
4	Baid. Meha.	Tap	110.	Dele
5	Bhingade Lalit	Tap	220.	Dele
6	Bhivane. Jayshre.	Water. filter	0.	MS
7	Bhutade Sushmita.	Tap.	110	Sushmita
8	Borade puja.	Tap.	350.	Borade.
9	Borhade Jayskri	Packed. water	0.	MS
10	Bute Damasalet	well	50	Bute.
11	Chauhan. Kamchan.	Tap	130.	Chauhan
12	Deshmukh. Karpesh.	well	0.	DK
13	Dhameya. Puja.	Tap	170.	Dhameya
14	Dhunjad. Ashvini	well	140	Dhunjad.
15	Gadhane. Rohini	Water filter.	0.	Shinde
16	D. S. Shinde	Tap	220.	Shinde
17	B. P. Pagar.	Tap	350	BPagar
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. Bhagal.	Well	60	Bhagal
22	S. S. Sirsalk.	Water. Pur.	0	Sirsalk
23	S. B. Singh	Tap.	220	Singh
24	Savitri. Ahe.	Water. filter	0	Ahe
25	Prayakta Patil.	Packed. water	0	Prayakta Patil
26	Kardak. S. E	Tap	50.	Kardak
27	Mehe. P. K.	Tap	140.	Mehe
28	N. W. Bagul.	Water. filter	0	N. W. Bagul
29	S. K. Patil	Tap	350	S. K. Patil
30	V. P. Patil.	Borewell	40	V. P. Patil
31	Godse. Tejal.	B. Well	60	Godse
32	Lunyat Ashvini	Borewell	90	Lunyat

2017-18

Sr. No	Name	Source	Caliform	Cont/100m ³	Region
1	Dheeringa Samuddhi	Water.Pur.	0		Dombivli
2	Hendort. Alcaash.	Tap	140.		Hadapsar
3	Dhokane. Yogita	R.O.	0		Thane
4	Pagare Sonali	Well	140		Karjat
5	Khem Zaveria.	Tap.	500		Thane
6	Londhe. Tejaswini	Water.Pur.	0.		Thane
7	Khauina. Chitra.	Tap.	140		Kohima
8	Mohite. Namali	Borewell	90		Hormuzal
9	Bhor. Kanchar.	Tap.	170		Raichur
10	Rode Vrushali	Tap	80		Byasai
11	Sakame. Priyanka	Tap.	60		Sekesmi
12	Katore Nikita.	R.O.	0		Katol
13	Gajikeni Nitin	Borewell	12		Gadgaon
14	Muthal paraja.	Tap.	220		Dhule
15	Zambad Rashmi	Tap.	940		Shani
16	Tayade. Aditya	Water.Pur.	0.		Thane
17	Nisal Megha.	Well	40		Warananagar
18	Katkar. Ashwini	Well	170		Thane
19	Londhe Mayu.	Well	130		Londhewadi
20	Anhavane. Tamara	R.O.	0		Kalyan
21	Rhat. Mayuri	Well	50		Thane
22	Pawar. Shivani	Tap.	500		Thane
23	Pagare. Shradha	Tap	0		Thane
24	Gawane. Neha.	Water.Pur.	2		Thane
25	Harak. Shweta	R.O	0		Thane
26	Saute. Samuel	Well	110.		Thane
27	Porade. Vaishnavi	Tap	280		Thane
28	Kore Shradha.	Tap	110		Thane
29	Senewane. Madhuri	Tap	170		Thane
30	Besud Jayashri	Well	130.		Byasai
31	Zaveri. Snehal.	Borewell.	0.		Zandavli

2016-17

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 Yashali	Tap	140	Balpute Yashali
5	Nunse Nisha.	R.O.	0	Nunse Nisha
6	Borse Mehini	Tap	220	Borse Mehini
7	Kadam Priyanka.	Tap	90	Kadam Priyanka
8	Karai Subhangi	Tap	170	Karai Subhangi
9	Muthal Deepati	Tap	220	Muthal Deepati
10	Kokam Seema.	Borewell	70	Kokam Seema
11	Wagh Poojati	Tap	110	Wagh Poojati
12	D.S. Shinde	R.O.	0	D.S. Shinde
13	B.P. Pagar	Tap	350	B.P. Pagar
14	K.R. Labhunde	Water Pur.	0	K.R. Labhunde
15	Shri P.D. Phondage	Tap	220	Shri P.D. Phondage
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. Morale	Tap	170	N.M. Morale
20	S.D. Jadhav	Tap	280	S.D. Jadhav
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. Bagul	Tap	220	H.N. Bagul
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	Zembhal Reelmi	Borewell	220	Zembhal Reelmi
29	Garkwad Seneeli	Tap	110	Garkwad Seneeli
30	Gadekar Vinay	R.O.	2	Gadekar Vinay

Students are collecting the water sample

