



## Criterion 2 - Teaching-learning and Evaluation

### Key Indicator 2.3 Teaching- Learning Process

#### Metric No. 2.3.1

**Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.**

## SOIL AND WATER ANALYSIS

## **Soil and Water Analysis (2019-20)**

### **Bacteriological analysis of drinking water for potability from different water sources of Kaldari Tal.Purandar Maharashtra India**

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Date – 11/12/2019

#### **1. Introduction**

The presence of bacteria and pathogenic organism is a concern when considering the safety of drinking water. Pathogenic organism can cause intestinal infection, dysentery, hepatitis typhoid fever, cholera and other illnesses.

Human and animal wastes are a primary source of bacteria in water. These sources include runoff from feedlots, dog runs and other land areas where animal waste deposited. Bacteria from these sources can enter wells that are either open at the land surface or do not have water type casings and caps. Bacterial contamination cannot be detected by sight smell or test. The only way to know if a water supply contains bacteria is to have it tested. Since it is too costly to test water samples every possible organism that may cause disease the coliform group of bacteria are used as an indicator of water quality and to determine suitability for drinking purpose. Coliform bacteria may not cause disease but can be indicators of pathogenic organisms. To avoid unnecessary delays and possibly a need for resampling the samples must be received at the laboratory within 48 hours. The presence of coliforms in water has been analysed by three tests, presumptive test, confirm test and completed test.

#### **2. Materials and method**

##### **2.1 Presumptive test and Most Probable Number of coliforms per 100ml (MPN):**

Six water samples were collected from Kaldari Maharashtra, India. Each sample was inoculated in a series of lactose fermentation tubes as per following table –

Sample number	Sample source	Inoculum size (ml)		
		5 double strength lactose tubes with neutral red (10 ml)	5 single strength lactose tubes with neutral red (5ml)	5 single strength lactose tubes with neutral red (5ml)
1	High school drinking water tank	10	1	0.1
2	Water filtration tank	10	1	0.1
3	ZP school tank	10	1	0.1
4	Hand pump	10	1	0.1
5	Bore well	10	1	0.1

6	household	10	1	0.1
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Incubate all tubes at 37°C for 48 hrs.

## 2.2 Confirmed test:

One of the presumptive tubes showing acid and gas production from each set was carry forwarded for confirmed test. One loopful of the broth was streaked onto M-endo agar plate. The plates were incubated at 37°C for 48 hrs.

## 2.3 Completed test:

M-endo plates showing *E.coli* colonies typical with a metallic green sheen was carefully examined for well- isolated colonies. Gram staining was performed microscopic examination of a non- spore producing gram negative rod with acid and gas production in lactose broth indicated a positive completed test.

## 3. Result:-

### 3.1 Presumptive test

Sample number	Sample source	Quantity of water sample inoculated			Most probable number of coliforms per 100ml
		10ml	1ml	0.1ml	
		Number of positive tubes			
1	High school drinking water tank	3	0	0	8
2	Water filtration tank	0	0	0	0
3	ZP school tank	1	0	0	2
4	Hand pump	5	4	3	275
5	Bore well	0	0	0	0
6	household	0	0	0	0

By referring Maccrady's table



Positive tubes with acid and gas production

### **3.2 Confirmed test**

All positive samples of the presumptive test produced typical metallic green sheen colonies when inoculated on M-endo agar medium.

### **3.3 Completed test**

Microscopic Gram staining examination of all positive samples showed the presence of non spore forming Gram negative bacteria.

### **References**

1. World Health Organization Guidelines for drinking-water quality. Vol.2. Health criteria and other supporting information. Geneva, WHO... 1984; p.3.
2. Campbell, EJ'. Statement on community water supply programme, in Hearings on Mutual security Act of 1959, Committee on Foreign Relations U.S. Senate, 86 Congress; 1st session 1959,p. 754
3. Witt, V.M. Developing and applying international water quality guideline. I. Am. Water Work's Assoc., 1982; 74:178.
4. Feacham, R.G. Bacterial standards for drinking water quality in developing countries. Lancet, 1980; 2: 255.

Rand, M.C., Taras, M.J. and Greenberg, R.E. Standard methods for the examination of water and waste water. 14th ed. Washington, American Public Health Association,

## **Soil and Water Analysis (2021-22)**

### **Bacteriological analysis of drinking water for potability from Khanwadi Tal-Purandar, Dist-Pune Maharashtra India**

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#### **Abstract –**

Testing of all individual pathogens in drinking water is impractical and expensive. Instead total coliform bacteria have been designated as a standard to determine bacterial safety of water. Coliform bacteria originate in the intestinal tract of warm blooded animals and can be found in their wastes. Therefore presence of coliforms indicates the possible contamination of water by fecal matter of these animals. By monitoring coliform bacteria the increase or decrease of many pathogenic bacteria can be estimated.

The bacteriological examination of water has been standardised into three tests. The first or presumptive test is the screening test to sample water for the presence of coliform organisms. Total three samples were analysed by presumptive test. A series of lactose fermentation tubes were inoculated with water sample. All samples does not showed the presence of significant number of coliforms. The confirm test was perform on tubes displaying a negative reaction. The absence of gas formation in lactose broth or the failure to demonstrate coliform-like colonies on the EMB agar. Absence of gram-negative, non-sporing rods on Gram staining.

#### **Introduction**

The presence of bacteria and pathogenic organism is a concern when considering the safety of drinking water. Pathogenic organism can cause intestinal infection, dysentery, hepatitis typhoid fever, cholera and other illnesses.

Human and animal wastes are a primary source of bacteria in water. These sources include runoff from feedlots, dog runs and other land areas where animal waste deposited. Bacteria from these sources can enter wells that are either open at the land surface or do not have water type casings and caps. Bacterial contamination cannot be detected by sight smell or test. The only way to know if a water supply contains bacteria is to have it tested. Since it is too costly to test water samples every possible organism that may cause disease the coliform group of bacteria are used as an indicator of water quality and to determine suitability for drinking purpose. Coliform bacteria may not cause disease but can be indicators of pathogenic organisms. To avoid unnecessary delays and possibly a need for resampling the

samples must be received at the laboratory within 48 hours. The presence of coliforms in water has been analysed by three tests, presumptive test, confirm test and completed test.

### Materials and method

#### Presumptive test and Most Probable Number of coliforms per 100ml (MPN):



Three water samples were collected from Khanwadi Tal. Purandar, Dist. Pune, Maharashtra, India. Each sample was inoculated in a series of lactose fermentation tubes as per following table –

Sample number	Sample source	Inoculum size (ml)		
		5 double strength lactose tubes with neutral red (10 ml)	5 single strength lactose tubes with neutral red (5ml)	5 single strength lactose tubes with neutral red (5ml)
1	Water purification plant near school	10	1	0.1
2	Hand pump near school	10	1	0.1
3	Well water	10	1	0.1

Incubate all tubes at 37°C for 48 hrs.

## Result:-

### Presumptive test

Sample number	Sample source	Quantity of water sample inoculated			Most probable number per 100ml
		10ml	1ml	0.1ml	
1	Water purification plant near school	1	3	0	8
2	Hand pump near school	0	0	0	0
3	Well water	0	0	0	0

By referring Maccrady's table



Positive tubes with acid and gas production

### Confirmed test:

The absence of gas formation in lactose broth or the failure to demonstrate coliform-like colonies on the EMB agar.

### Completed test:

Absence of growth and gas formation in the broth. Absence of gram-negative, non-sporing rods on Gram staining.

### Discussion :

The environmental protection agency (EPA) requires that all public water suppliers regularly test for coliform bacteria and deliver water that meets the EPA standards. There is no requirement to have private water wells, springs and other sources tested it is up to individual home owner. There is must be a public notification if the water supply does not meet the standard. For home owners the water source must be at least



twice per year. Generally private water supply should be tested for bacterial safety as follows

- a) At least ones year
- b) When a new well constructed
- c) When an existing well is return to service
- d) Whenever the well is inundated by flood waters or surface runoff

Proper well location and construction are keys to avoiding bacterial contamination of drinking water. If contamination is present attempt to identify and eliminate the sources of the contamination. A contaminated water supply can be disinfected.

### **Recommendation –**

The laboratory report indicates the absence of coliforms . Hence we recommended villagers to use regular water supply to drinking the water.

### **References**

5. World Health Organization Guidelines for drinking-water quality. Vol.2. Health criteria and other supporting information. Geneva, WHO... 1984; p.3.
6. Campbell, EJ'. Statement on community water supply programme, in Hearings on Mutual security Act of 1959, Committee on Foreign Relations U.S. Senate, 86 Congress; 1st session 1959,p. 754
7. Witt, V.M. Developing and applying international water quality guideline. I. Am. Water Work's Assoc., 1982; 74:178.
8. Feacham, R.G. Bacterial standards for drinking water quality in developing countries. Lancet, 1980;2: 255.
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10. Edwards, P.R. and Ewing, W.H. Identification of enterobacteriaceae. 3rd ed. Minnesota, Burgess, 1972, p. 21.
11. Cruickshank, R., Dugiud, J.P., Marmion, B.P. and Swain, R.H.A. Medical microbiology; the practice of medical microbiology. 12th ed. Edinburgh, Churchill Livingstone, 1975, p. 403.
12. World Health Organization Guidelines for drinking-water quality. Vol.3. Drinking-water quality control in small community supplies. Geneva, WHO. 1984, p.2.
13. Mark,W.L. and Gordon, A.M. Recent advances in coliform methodology for Water Analysis. Environ. Health, 1984;5-9.
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15. Back, E., Moliby, R., Kaijser, B., Stintzing, G., Wadstrom, T. and Habte, D. Enterotoxigenic Escherichia colt and other gram-negative bacteria of infantile diarrhea; surface antigens, hemagglutinins, colonization factor antigen, and loss of enterotoxigenicity. J. infect: Dis., 1980; 142:318.
16. Stintzing, G., Tufvesson, B., Habte, D., Back, E., Johnsson, T., and Wadstrom, T. Aetiology of acute diarrheal disease in infancy and childhood during the peak season, Addis Ababa, 1977; a preliminary report. Ethiop. Med. J., 1977; 15:141.



17. Wadstrom, T., Aust-Kettis, A., Habte, D., Holmgren, J., Meeuwisse, G., Moilby, R. and Soderlind, O. Enterotoxin-producing bacteria and parasites in stools of Ethiopian children. *Arch. Dis.Child.*, 1976; 51:865.
18. Jiwa, S.F.H., Krovacek, K. and Wadstrom, T. Enterotoxigenic bacteria in food and water from an Ethiopian community. *Appl. Environ. Microbiol.* 1981; 41:1010.

## **Soil and Water Analysis (2021-22)**

### **Bacteriological analysis of drinking water for potability from different water sources of Khanavadi, Tal-Purandar , Maharashtra India**

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#### **Abstract –**

Testing for every possible virus in drinking water is both expensive and impractical. Rather, the criteria for determining the bacterial safety of water is the total coliform bacterial count. Warm-blooded animals' intestinal tracts are the birthplace of coliform bacteria, which are found in their waste products. Therefore, the presence of coliforms suggests that these animals' feces may have contaminated the water. It is possible to evaluate the growth or decline of numerous pathogenic bacteria by keeping an eye on coliform bacteria.

Three tests comprise the standardization of the bacteriological analysis of water. The screening test, also known as the presumptive test, is used to check water samples for the presence of coliform germs. A total of seven samples underwent presumptive test analysis. A sample of water was used to inoculate a number of lactose fermentation tubes. All samples, with the exception of seven numerical samples, revealed a notable coliform count. The tubes that showed a positive reaction were used for the confirmatory test. The M-Endo medium, a selective Gram negative medium, was employed. The usual red, metallic-shaded E. Coli grows well in this medium. The finished test was run to ascertain the morphology and Gram character of a typical, well-isolated colony.

#### **Introduction**

The safety of drinking water is a problem when it comes to the presence of germs and harmful organisms. Intestinal infections, diarrhoea, cholera, hepatitis, and typhoid fever can all be brought on by pathogenic organisms.

The main sources of bacteria in water are human and animal wastes. Runoff from dog runs, feedlots, and other locations where animal waste is dumped are some of these sources. These sources of bacteria can seep into wells that lack water-type casings and lids or are exposed to the surface of the ground. It is impossible to identify bacterial contamination by sight, smell, or test. Testing is the sole method to determine whether bacteria are present in a water supply. The coliform group of bacteria is used as an indication of water quality and to establish appropriateness for drinking purposes because it is very expensive to analyze water samples for every potential organism that could cause disease. Although they might not be disease-causing, coliform bacteria can be signs of

harmful organisms. The samples must arrive at the laboratory within 48 hours in order to prevent needless delays and the potential necessity for resampling. The most likely amount of coliforms has been used to analyze the presence of coliforms in water.

## Materials and method

### Presumptive test and Most Probable Number of coliforms per 100ml (MPN):

Five water samples were collected from Khanavadi Maharashtra, India on 1<sup>st</sup> of February 2022. Each sample was inoculated in a series of lactose fermentation tubes as per following table –



Sample number	Sample source	Inoculum size (ml)		
		5 double strength lactose tubes with neutral red (10 ml)	5 single strength lactose tubes with neutral red (5ml)	5 single strength lactose tubes with neutral red (5ml)
1	Bore no.1 in farm of Zurange	10	1	0.1
2	Bore no.2 near to house of Zurange	10	1	0.1
3	Central water tank of Grampanchayat	10	1	0.1
4	Hand pump near ZP School	10	1	0.1
5	Hand pump Near Mr. Sunil Hole's House	10	1	0.1

Incubate all tubes at 37°C for 48 hrs.

## Result:-

### Presumptive test MPN



Sample number	Sample source	Quantity of water sample inoculated			Most probable number of coliforms per 100ml
		10ml	1 ml	0.1ml	
1	Bore no.1 in farm of Zurange	0	1	0	1
2	Bore no.2 near to house of Zurange	3	1	1	14
3	Central water tank of Grampanchayat	5	3	0	80
4	Hand pump near ZP School	0	0	0	0
5	Hand pump Near Mr. Sunil Hole's House	0	0	0	0

By referring Maccrady's table

### Discussion :

The environmental protection agency (EPA) requires that all public water suppliers regularly test for coliform bacteria and deliver water that meets the EPA standards. There is must be a public notification if the water supply does not meet the standard. For home owners the water source must be at least twice per year. Generally private water supply should be tested for bacterial safety as follows

- e) At least ones year
- f) When a new well constructed
- g) When an existing well is return to service
- h) Whenever the well is inundated by flood waters or surface runoff

Proper well location and construction are keys to avoiding bacterial contamination of drinking water. If contamination is present attempt to identify and eliminate the sources of the contamination. A contaminated water supply can be disinfected.

### **Recommendation –**

The laboratory report indicates the presence of coliforms as “too numerous to count”. Hence we recommended villagers to use an alternative water supply or disinfect the water supply by the chlorine suitable for potable water. Another advice is to attempt to identify and eliminate the source of contamination. As they attempt to find the source of contamination, evaluate both well location and well construction. Check the entire water distribution system.

### **References**

19. World Health Organization Guidelines for drinking-water quality. Vol.2. Health criteria and other supporting information. Geneva, WHO... 1984; p.3.
20. Campbell, EJ'. Statement on community water supply programme, in Hearings on Mutual security Act of 1959, Committee on Foreign Relations U.S. Senate, 86 Congress; 1st session 1959,p. 754
21. Witt, V.M. Developing and applying international water quality guideline. I. Am. Water Work's Assoc., 1982; 74:178.
22. Feacham, R.G. Bacterial standards for drinking water quality in developing countries. Lancet, 1980; 2: 255.
23. Rand, M.C., Taras, M.J. and Greenberg, R.E. Standard methods for the examination of water and waste water. 14th ed. Washington, American Public Health Association, 1976.
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27. Mark,W.L. and Gordon, A.M. Recent advances in coliform methodology for Water Analysis. Environ. Health, 1984; 5-9.
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32. Jiwa, S.F.H., Krovacek, K. and Wadstrom, T. Enterotoxigenic bacteria in food and water from an Ethiopian community. Appl. Environ. Microbiol. 1981; 41:1010.

## **Soil and Water Analysis (2022-23)**

### **Bacteriological analysis of drinking water for potability from Naygaon Tal-Purandar, Dist-Pune Maharashtra India**

Patil N.B ., Borawake S. P., Thopate P. S.,

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#### **Abstract:**

Testing for all pathogens in drinking water is futile and expensive. However, total coliform bacteria are determined as a standard for determining the bacterial safety of water. Coliform bacteria originate from the intestines of warm-blooded animals and are found in their feces. Therefore, the presence of coliforms indicates that the water and feces of these animals are contaminated. By monitoring coliform bacteria, it is possible to estimate the increase or decrease in the number of pathogenic bacteria.

Bacteriological tests of water were compared in three experiments. The first test may be a diagnostic test to test the water for the presence of coliform organisms. Seven samples were analyzed by hypothesis testing. A series of lactose fermentation tubes were injected with water samples. All but seven samples showed high numbers of coliforms. Confirmatory testing was performed on tubes showing a positive reaction. Gram-negative selective medium (M-Endo medium) was used. This program supports the growth of E.coli bacteria, which are red and shiny. A complete test was performed on a normal, isolated colony to determine morphology and morphology.

#### **Introduction**

The presence of pathogenic bacteria and organisms is a concern when considering the safety of drinking water. Viruses can cause diarrhea, dysentery, typhoid fever, hepatitis, cholera and other diseases. Human waste and animal waste are major sources of bacteria in water. These sources include runoff from feedlots, dog baths and other areas where animal waste has been deposited. Bacteria from these wells enter wells that are open to the ground, without any type of water or caps. Bacterial contamination cannot be detected by sight or smell. The only way to know if there is bacteria in the water source is to test it. Because it tests water samples for potentially fatal organisms, the coliform bacteria group is used as an indicator of water quality and to determine whether it is safe to drink. Coliform bacteria do not cause disease, but are indicative of pathogenic organisms. To avoid unnecessary delays and possibly a need for resampling the samples must be received at the laboratory within 48 hours. The presence of coliforms in water has been analysed by three tests, presumptive test, confirm test and completed test. To avoid unnecessary delays and possibly a need for resampling the samples must be received at the laboratory within 48 hours.

The presence of coliforms in water has been analysed by three tests, presumptive test, confirm test and completed test.

## Materials and method

### Presumptive test and Most Probable Number of coliforms per 100ml (MPN)



Five water samples were collected from Naygaon Tal. Purandar, Dist. Pune, Maharashtra, India on 21<sup>st</sup> January 2023. Each sample was inoculated in a series of lactose fermentation tubes as per following table –

Sample number	Sample source	Inoculum size (ml)		
		5 double strength lactose tubes with neutral red (10 ml)	5 single strength lactose tubes with neutral red (5ml)	5 single strength lactose tubes with neutral red (5ml)
1	Hand pump near Grampanchayat	10	1	0.1
2	Tap water of Naygaon	10	1	0.1
3	Bore well water	10	1	0.1
4	ZP primary school filter	10	1	0.1
5	Filter system near grampanchayat	10	1	0.1

Incubate all tubes at 37°C for 48 hrs.

### Confirmed test:



One of the presumptive tubes showing acid and gas production from each set was carry forwarded for confirmed test. One loopful of the broth was streaked onto M-Endo agar plate. The plates were incubated at 37°C for 48 hrs.

**Result:-**

**Presumptive test**

Sample number	Sample source	Quantity of water sample inoculated			Most probable number per 100ml
		10ml	1ml	0.1ml	
		Number of positive tubes			
1	Hand pump near Grampanchayat	5	4	3	200
2	Tap water of Naygaon	5	2	0	50
3	Bore well water	5	4	0	130
4	ZP primary school filter	2	1	0	7
5	Filter system near grampanchayat	4	2	0	20

By referring Maccrady's table



**a. Confirmed test**

All positive samples of the presumptive test produced typical metallic green sheen colonies when inoculated on M-Endo agar medium.

**b. Completed test**

Microscopic Gram staining examination of all positive samples showed the presence of non spore forming Gram negative bacteria.

**Discussion :**

The environmental protection agency (EPA) requires that all public water suppliers regularly test for coliform bacteria and deliver water that meets the EPA standards. There is no requirement to have private water wells, springs and other sources tested it is up to individual home owner. There is must be a public notification if the water supply does not meet the standard. For home owners the water source must be at least twice per year. Generally private water supply should be tested for bacterial safety as follows

- i) At least ones year
- j) When a new well constructed
- k) When an existing well is return to service
- l) Whenever the well is inundated by flood waters or surface runoff

Proper well location and construction are keys to avoiding bacterial contamination of drinking water. If contamination is present attempt to identify and eliminate the sources of the contamination. A contaminated water supply can be disinfected.

### **Recommendation –**

The laboratory report indicates the presence of coliforms as “too numerous to count”. Hence we recommended villagers to use an alternative water supply or disinfect the water supply by the chlorine suitable for potable water. Another advice is to attempt to identify and eliminate the source of contamination. As they attempt to find the source of contamination, evaluate both well location and well construction. Check the entire water distribution system.

### **References**

33. World Health Organization Guidelines for drinking-water quality. Vol.2. Health criteria and other supporting information. Geneva, WHO... 1984; p.3.
34. Campbell, EJ'. Statement on community water supply programme, in Hearings on Mutual security Act of 1959, Committee on Foreign Relations U.S. Senate, 86 Congress; 1st session 1959,p. 754
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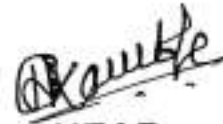
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46. Jiwa, S.F.H., Krovacek, K. and Wadstrom, T. Enterotoxigenic bacteria in food and water from an Ethiopian community. *Appl. Environ. Microbiol.* 1981; 41:1010.

## CERTIFICATE

This is to Certify that ~~Mr.~~ / Miss. Ms. Ms. Rutuja Vitthal.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..Lalunj..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2023

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD

## CERTIFICATE

This is to Certifiy that Mrs. Balgude Shubhangi Rohidas (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21/02/2024

*Bansale*  
12/3/24  
Incharge

*BKumar*  
Dept. of Chemistry  
Waghire College, Saswad,  
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HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Shinde Rajguxi Pandurang  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuri Saswad Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2023

Ransale  
12/3/24  
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Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that I Miss. Bham Pratiksha Dattatray. (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*B. Pratiksha*  
12/3/24  
Incharge

*R. K. Kulkarni*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that Mr. / Miss. Kolake..vishakha.Rajendra.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...Bhivati..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date 14/02/2023

Rajesh  
20/3/24  
Incharge

Rajesh  
AD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Caikwad...S.hreya..Shrikeshna  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Bhivari..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14/02/2023

Ransale  
20/3/24  
Incharge

Ransale  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Kamthe Mayur R.  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from shirazi Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

Bansale  
20/3/24  
Incharge

Kamthe  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Kumbhar Vaishnavi Dnyaneshwar  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Veer Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14 / 02 / 2023

R. Sale  
12/3/24  
Incharge

Dr. K. S. J.  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Miss.Zagade Siddhi Madhukar (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*Ransale*  
12/3/24  
Incharge

*Ransale*  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD



## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Khaladkar~~ ~~Pranay~~ ~~Suresh~~...  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ~~Kumbhakar~~ Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

*R. Sale*  
20/3/24  
Incharge

*K. K. K.*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Vedpathak..Mikita..subhash  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Je.Juxi..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

Ransale  
13/3/24  
Incharge

Pranali  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that Mr. / Miss. *Godadare...Ruhja....Baban...*  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from *Tejuri*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21 / 02 / 20234

*Bansale*  
13/3/24  
Incharge

*Prant*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss Karathé.....Prathmesh.h.....Prabash  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Khalad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13 / 03 / 2024

Bansale  
13/3/24  
Incharge


Khantle  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Raskar~~...~~Mayuresh~~...~~Nandkumar~~  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..~~Khalad~~..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 4/02/2024

  
13/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Barkade Sunil Aba.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Deundaj..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14/03/2024

Rusale  
14/3/24  
Incharge


Barkade  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / ~~Miss.~~ Lavande...~~Omkar...~~ A.N.I...  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..~~Waghapur~~.... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13 / 03 / 2024

  
13/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD



## CERTIFICATE

This is to Certify that Mr. / Miss. ...Hale...Nandu...Ratnakar  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .Khunavadi.... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 15 / 02 / 2023 / 24

*Bansale*  
BB/24  
Incharge

*Ratnakar*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Nimbalkar, Shrawan Babasaheb  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuri (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

R. Sale  
20/3/24  
Incharge

R. Sale  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Jagdale, Anil Nilas  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Tejuri (Purand) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21 / 02 / 2024

*R. S. Sale*  
21/3/24  
Incharge

*R. S. Sale*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

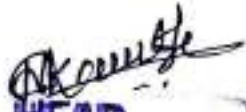


## CERTIFICATE

This is to Certify that Mr. / Miss. Katake Ankita Santosh.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Shivoti..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 15 / 02 / 2024

  
13/3/24  
Incharge

  
**HEAD**  
HOD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Kadake...sakshi...maruti..  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..Bhivari..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 15/02/2023/24

Ramkale  
13/3/24  
Incharge

Ramkale  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that ~~Mr.~~ / Miss. Hanikal...Jyoti...Shankar (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri... (Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*Bansale*  
21/2/24  
Incharge


*Bansale*  
HEAD  
HOD  
Dept. of Chemistry  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. ~~KUMBHAKAR~~ APUNAR.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Jejuri..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
21/3/24  
Incharge


  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Sai Raghunath Mohile  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuri, Saswad Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 24 / 02 / 2023

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune



## CERTIFICATE

This is to Certify that Mr. / Miss. Shah...Deepali...Ashak  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....Tejwari..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21 / 02 / 2024

Bansale  
21/3/24  
Incharge

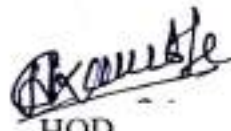
Kamte  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Rajode...Yash...Lahu.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..Chambli..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 24 02 / 2023

  
Incharge


  
HOD  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Bhume. Rasika. Bhat  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jewani. Purad. Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 24 02 / 2023

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD




## CERTIFICATE

This is to Certify that Mr. / Miss. Davane Ganesh Sanjay  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Tejuri (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 6 / 02 / 2023

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Jadhav...Tanuja...Santosh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Doundaj Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

*[Handwritten Signature]*  
20/2/24

Incharge

*[Handwritten Signature]*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD


## CERTIFICATE

This is to Certify that Mr. / ~~Miss.~~ ..... Bhusnar Rohan Rajabhai  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Malshiras (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 20/02/2024

  
20/3/24

Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Purandar, Dist. Pune.

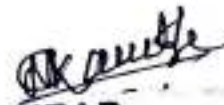
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Jadhav Shivani Bibhishan  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Saswad Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 3 / 02 / 2024

  
20/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. प.आ.वा.अ. आदर्श. महेंद्रा  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from जे.ज.वा.लि. (उ.वा.अ.) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
23/3/24  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.




## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Surgade~~ Aniket Bhanu (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from ~~Sejwa (Tal. Purandar)~~ Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2023

  
Incharge


  
HEAD  
FOO  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Ranjane...Ajay...Moruti  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Borake.mala Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 20/02/2024

  
Incharge

  
HOD




## CERTIFICATE

This is to Certify that Mr. / Miss. Girne Yash Pramad  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jeyuri..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
20/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Ghishre Gajalxi Santosh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Chumbdi Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2023,

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ....~~Jagtap~~...~~Neha~~...~~Anil~~.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...~~Belsar~~..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

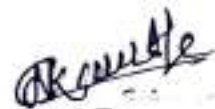
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Waghchaude Aniket Pankaj  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13 / 02 / 2024

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

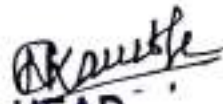
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ...~~Jagtap~~...~~Nikita~~..~~Bharat~~..  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....~~Ambale~~..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD




## CERTIFICATE

This is to Certify that Mr- / Miss. Gaxud...Sayali...Sunil.  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 2 / 02 / 2023

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD




## CERTIFICATE

This is to Certify that Mr. / Miss. Indulkar Adesh Subhash  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Tekawadi Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2023

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Adate Hanish ramesh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejun Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2024

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

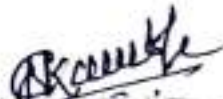
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ...Lothande Abhijit Bujabapu...  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Pimpri..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 26/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD

## CERTIFICATE

This is to Certify that Mr. / Miss: ..Badadhe...Akash...Gulab....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Kodit...B.K.... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2024

  
Incharge


  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Bho.Sa.Le...~~ Ashwary. Sudam  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ~~J.S.M...~~ Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 18/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



**CERTIFICATE**

This is to Certify that Mr. / Miss. *Barge Siddhant Chandra Shelkar*  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from *Tejuri (Rural)* Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: *21/02/2023*

*[Handwritten Signature]*  
*20/3/23*  
Incharge

*[Handwritten Signature]*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.  
**HEAD**  
HOD



## CERTIFICATE

This is to Certify that Mr. / Miss. *khair*....*Abhihek*.....*Sanjay* .  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....*Saswad*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2024

*Sanjay*  
20/3/24  
Incharge

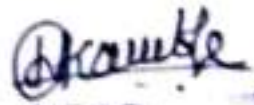
*Sanjay*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Hole: Nitin. Rahidas.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date 20/02/2023

  
Incharge


  
HEAD  
1105  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Bhosale varun Deepak.  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Nauli Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 12 / 02 / 2023


  
Incharge


  
Dep. HOD Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Poman Prajwal Sarjaya  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Pimple Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2023

  
**HEAD**  
Incharge Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

  
HOD  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

  
Incharge




## CERTIFICATE

This is to Certify that Mr. / Miss. Gaikwad Piyush Vasant.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Walhe..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 04 / 03 / 2023

  
Incharge

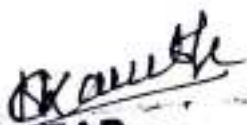
  
HOD  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / ~~Miss~~ Choure Suresh Oudra  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuri (Purand) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: / 02 / 2023

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that Mr. / Miss. *Magar Supriya Sampat*.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from *Saswad*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

*[Signature]*  
20/3/24

Incharge

*[Signature]*

HEAD

Dept. of Chemistry  
Waghire College, Saswad,  
Purandar, Dist. Pune.

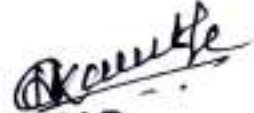
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ....Tejdev A. Hand. Mohan.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...Tejpur..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
20/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

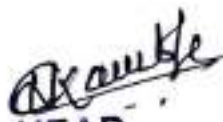
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ..Dalvi.....Pranav.....Rajendra  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2024

  
20/3/24  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ...Jadhav..shreyash..satish  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..Paxinch.s.(Vrca) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 3 / 02 / 2024

Abhishek  
20/3/24  
Incharge

Ramk  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. /-Miss. Chitambar, Pratik.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Chitambar, Saswad... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: ~~26/02/2024~~  
26/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD



## CERTIFICATE

This is to Certify that Mr. / Miss. Dharmal Anuja Ganpat  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Haragale Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14/03/2024

Ansall  
14/3/24  
Incharge

Pravite  
HOD  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that I Miss. Salunke Madhuri Changdev. (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*R. Sale*  
12/3/24  
Incharge

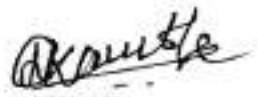
*R. Sale*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Zagade...Tejaswini...Sheshikant (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from ....Tejwari..... Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 13/02/2024

  
Incharge

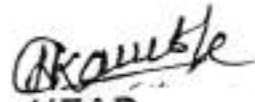
  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Badhe Amruta sharda  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuhi (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

  
20/3/24  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. *Pooja. Hareshada. Lozman.*  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...*Chambli*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: *21/03/2024*

*Pooja*  
*20/3/24*  
Incharge


*Pooja*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Govindrao Venkatesh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from J. G. V. (A. V. M.) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/ 02 / 2023

  
20/3/24  
Incharge

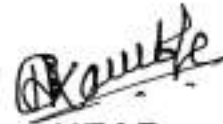
  
HEAD  
HO  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that ~~Mr.~~ / Miss. Ms. Ms. Rutuja Vitthal.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..Lalunj..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2023

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD



## CERTIFICATE

This is to Certifiy that Mrs. Balgude Shubhangi Rohidas (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21/02/2024

*Bansale*  
12/3/24  
Incharge

*BKumar*  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. *Shinde Rajguri Pandurang* (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from *Saswad* Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21/02/2023

*Ransale*  
12/3/24  
Incharge

*Ransale*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that I Miss. Bham Pratiksha Dattatray. (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*B. Pratiksha*  
12/3/24  
Incharge

*R. K. Kulkarni*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Kolake..vishakha.Rajendra.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...Bhivati..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date 14/02/2023

Rajesh  
20/3/24  
Incharge

Rajesh  
AD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Craikwad...S.hreya..Shrikrushna  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Bhivari..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14/02/2023

Ransale  
20/3/24  
Incharge

Ransale  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Kamthe Mayur R.  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from shirazi Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

Bansale  
20/3/24  
Incharge

Kamthe  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that Mr. / Miss. Kumbhar Vaishnavi Dnyaneshwar  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Veer Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14 / 02 / 2023

R. Sale  
12/3/24  
Incharge

Dr. K. S. J.  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Miss.Zagade Siddhi Madhukar (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*Ransale*  
12/3/24  
Incharge

*Ransale*  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Khaladkar~~ ~~Pranay~~ ~~Suresh~~...  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ~~Kumbhakar~~ Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

*R. Sale*  
20/3/24  
Incharge

*K. K. K.*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Vedpathak..Mikita..subhash  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Je.Juxi..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

Ransale  
13/3/24  
Incharge

Pranali  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that Mr. / Miss. *Godadare...Ruhija....Baban...*  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from *Tejuri*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21 / 02 / 20234

*Bansale*  
13/3/24  
Incharge

*Prant*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss Karathé.....Prathmesh.h.....Prabash  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Khalad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13 / 03 / 2024

Bansale  
13/3/24  
Incharge

Khantle  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD




## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Raskar~~...~~Mayuresh~~...~~Nandkumar~~  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..~~Khalad~~..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 4/02/2024

  
13/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Barkade Sunil Aba.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Deundaj..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14/03/2024

Rusale  
14/3/24  
Incharge


Barkade  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / ~~Miss. Lavande...Omkar...A.N.I...~~  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..~~Waghapur~~.... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13 / 03 / 2024

  
13/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ...Hale...Nandu...Ratnakar  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .Khunavadi.... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 15 / 02 / 2023 / 24

*Bansale*  
BB/24  
Incharge

*Ratnakar*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that Mr. / Miss. Nimbalkar, Shrawan Babasaheb  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuri (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

R. Sale  
20/3/24  
Incharge

R. Sale  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Jagdale, Anil Nilas  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Tejuri (Purand) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21 / 02 / 2024

*R. S. Sale*  
21/3/24  
Incharge

*R. K. Kulkarni*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

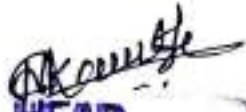


## CERTIFICATE

This is to Certify that Mr. / Miss. Katake Ankita Santosh.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Shivoti..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 15 / 02 / 2024

  
13/3/24  
Incharge

  
**HEAD**  
HOD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. *Kadake...sakshi...maruti..*  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..*Bhivari*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: *15/02/2023/24*

*Ramkale*  
*13/3/24*  
Incharge

*Ramkale*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that ~~Mr.~~ / Miss. Hanika...Jyoti...Shankar (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri... (Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*Bansale*  
21/2/24  
Incharge

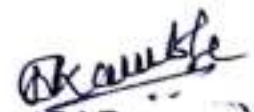
*Bansale*  
HEAD  
HOD  
Dept. of Chemistry  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. ~~KUMBHAKAR~~ APUNAR.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Jejuri..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
21/3/24  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Sai Raghunath Mohile  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuri, Saswad Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 24 / 02 / 2023

Bansale  
Incharge

Khawte  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune



## CERTIFICATE

This is to Certify that Mr. / Miss. Shah...Deepali...Ashak  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....Tejwari..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21 / 02 / 2024

Bansale  
21/3/24  
Incharge

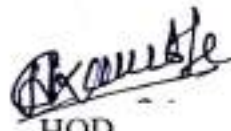
Kamte  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Rajode...Yash...Lahu.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..Chambli..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 24 02 / 2023

  
Incharge


  
HOD  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Bhume. Rasika. Bhat. al (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jesuni. Purad.. Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 24 02 / 2023

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Davane Ganesh Sanjay  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Tejuri (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 6 / 02 / 2023

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.



## CERTIFICATE

This is to Certify that Mr. / Miss. Jadhav...Tanuja...Santosh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Doundaj Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

*[Handwritten Signature]*  
20/2/24

Incharge

*[Handwritten Signature]*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD




## CERTIFICATE

This is to Certify that Mr. / ~~Miss.~~ ..... Bhusnar Rohan Rajabhai  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Malshiras (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 20/02/2024

  
20/3/24

Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Purandar, Dist. Pune.

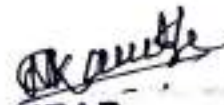
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Jadhav Shivani Bibhishan  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Saswad Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 3 / 02 / 2024

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. प.अ.अ.अ. आदर्श. महेंद्रा  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from जे.ज.अ.अ.अ. (स.अ.अ.अ.) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 24 / 02 / 2024

  
23/3/24  
Incharge


  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Surgeade~~ Aniket Bhaui (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from ~~Sejvan (Tal. Saswad)~~ Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21/02/2023

  
Incharge

  
HEAD  
FOO  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Ranjane...Ajay...Moruti  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Borake.mala Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 20/02/2024

  
Incharge

  
HOD




## CERTIFICATE

This is to Certify that Mr. / Miss. Girne Yash Pramad  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jeyuri Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 1/02/2024

  
20/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Ghiare Gayatri Santosh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Chumbdi Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2023

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ....~~Jagtap~~...~~Neha~~...~~Anil~~.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...~~Belsar~~..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

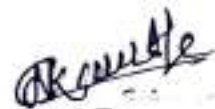
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Waghchaude Aniket Pankaj  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13 / 02 / 2024

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

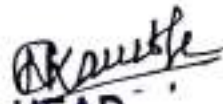
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ...~~Jagtap~~...~~Nikita~~..~~Bharat~~..  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....~~Ambale~~..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD




## CERTIFICATE

This is to Certify that Mr- / Miss. Gaxud...Sayali...sunil.  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 2 / 02 / 2023

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Indulkar Adesh Subhash  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Tekawadi Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2023

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Adate Hanish ramesh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejun Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2024

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

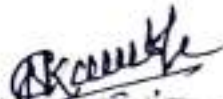
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ...Lothande Abhijit Bujabapu...  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Pimpri..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 26/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. / Miss: ..Badadhe...Akash...Gulab....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Kodit...B.K.... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.




## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Bho.Sa.l.e. Ats.ha.y. Sudam~~ (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from ~~J.S.M.s.i.m.m.p.e.l~~ Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 18/02/2024

  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

**CERTIFICATE**

This is to Certify that Mr. / Miss. *Barge Siddhant Chandra Shelkar*  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from *Tejuri (Rural)* Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: *21/02/2023*

*[Handwritten Signature]*  
*20/3/23*  
Incharge


*[Handwritten Signature]*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.  
**HEAD**  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ~~Khair~~ Abhishek Sanjay (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from ~~.....~~ Saswad Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 13/02/2024

  
20/3/24  
Incharge

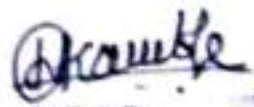
  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Hole: Nitin. Rahidas.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date 20/02/2023

  
Incharge


  
HEAD  
1105  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Bhosale varun Deepak.  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Nauli Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 12 / 02 / 2023

  
Incharge


  
Dep. HOD Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.




## CERTIFICATE

This is to Certify that Mr. / Miss. Poman Prajwal Sarjaya  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Pimple Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2023

  
**HEAD**  
Incharge Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

  
HOD  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

  
Incharge

## CERTIFICATE

This is to Certify that Mr. / Miss. Gaikwad Piyush Vasant.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from .....Walhe..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 04 / 03 / 2023

[Signature]  
20/3/23  
Incharge

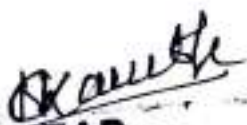
[Signature]  
HOD  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / ~~Miss~~ Choure Suresh Oudra  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuri (Purand) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: / 02 / 2023

  
Incharge

  
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Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. *Magar Supriya Sampat*.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from *Saswad*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

*[Signature]*  
20/3/24

Incharge

*[Signature]*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Purandar, Dist. Pune.

HOD

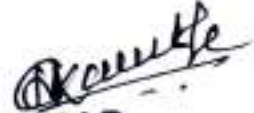


## CERTIFICATE

This is to Certify that Mr. / Miss. ....Tejdev A. Nand. Mohan.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...Tejpur..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/02/2024

  
20/3/24  
Incharge

  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

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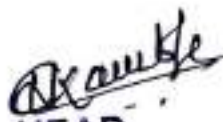


## CERTIFICATE

This is to Certify that Mr. / Miss. ..Dalvi.....Pranav.....Rajendra  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ....Saswad..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/02/2024

  
20/3/24  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. ...Jadhav..shreyash..satish  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ..Paxinch.s.(Vrca) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 3 / 02 / 2024

Abhishek  
20/3/24  
Incharge

Ramk  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.


HOD

## CERTIFICATE

This is to Certify that Mr. /-Miss. Chitambar, Pratik.....  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Chitambar, Saswad... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: ~~26/02/2024~~  
26/02/2024

  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.  
HOD

## CERTIFICATE

This is to Certify that Mr. / Miss. Dharmal Anuja Ganpat  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Haragale Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 14/03/2024

Ansall  
14/3/24  
Incharge

Pravite  
HOD  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that I Miss. Salunke Madhuri Changdev. (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from Jejuri(Rural) Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 21 / 02 / 2024

*R. Sale*  
12/3/24  
Incharge

*R. Sale*  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

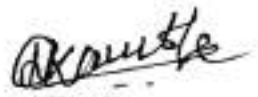


## CERTIFICATE

This is to Certify that Mr. / Miss. Zagade...Tejaswini...Sheshikant (T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey of Soil and Water from ....Tejwari..... Village, Purandar Tehsil, Dist: Pune (M.S.)", and report submitted to the Department of Chemistry, Pune District Education Association's Waghire College Of Arts, Commerce And Science, Saswad, Dist: Pune (M.S.).

Date: 13/02/2024

  
20/3/24  
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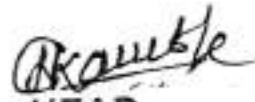
  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Badhe Amruta sharda  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from Jejuhi (Rural) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 13/03/2024

  
20/3/24  
Incharge

  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. *Pooja. Hareshada. Lozman.*  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from ...*Chambli*..... Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: *21/03/2024*

*Pooja*  
*20/3/24*  
Incharge


*Pooja*  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

## CERTIFICATE

This is to Certify that Mr. / Miss. Govindrao Venkatesh  
(T.Y.B.Sc.-Chemistry) successfully completed "Scientific Survey  
of Soil and Water from J. G. V. (A. V. M.) Village, Purandar Tehsil,  
Dist: Pune (M.S.)", and report submitted to the Department of  
Chemistry, Pune District Education Association's Waghire  
College Of Arts, Commerce And Science, Saswad, Dist: Pune  
(M.S.).

Date: 21/ 02 / 2023

  
20/3/24  
Incharge

  
HEAD  
HO  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.