

Estd

1958



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



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

### 3.3.1

Extension Activities are carried out in the neighborhood community, sensitizing students to social issues for their holistic development and impact thereof

  
Co-ordinator,  
Internal Quality Assurance Cell (IQAC),  
Yashwantrao Chavan College  
of Science, Karad



  
Head of Institution  
Yashwantrao Chavan College of Science  
Karad

Estd

1958



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



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

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## **AWARENESS PROGRAM**



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



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

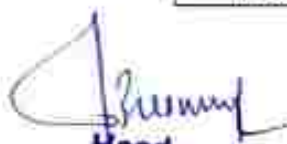
**Department Of Chemistry**

**Year 2022-23**

**Name of activity- "Determination of organic carbon from Soil."**

**Index**

| <b>Sr. No.</b> | <b>Name</b>           |
|----------------|-----------------------|
| 1.             | Mrunal Patil          |
| 2.             | Muskan Shaikh         |
| 3.             | Dhanashri Ghadage     |
| 4.             | Shruti Ghatake        |
| 5.             | Rutuja Patil          |
| 6.             | Aishwarya Jagtap      |
| 7.             | Pratiksha Jadhav      |
| 8.             | Nilam Jadhav          |
| 9.             | Tabassum Bardol       |
| 10.            | Vaishnavi Chavan      |
| 11.            | Sanika Tapase         |
| 12.            | Ankita Pisal          |
| 13.            | Vishakha Sabale       |
| 14.            | Samruddhi Patil       |
| 15.            | Sayali Yadav          |
| 16.            | Kanchan Waghmare      |
| 17.            | Apurva A Babar        |
| 18.            | Anjali Mugutrao Patil |

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



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

# Yashwantrao Chavan College of Science, Karad

Department of Chemistry

Extension Activity 2022-23

Name of activity- "Determination of Organic Carbon from Soil."

Purpose:

**Environmental Awareness:** Increase awareness about the role of soil carbon in environmental processes, such as carbon sequestration, greenhouse gas mitigation, and soil health.

**Agricultural Implications:** Highlight the relevance of soil carbon measurements for agriculture, including its impact on soil fertility, nutrient cycling, and overall crop productivity.

**Practical Application:** Illustrate how knowledge of soil carbon can be practically applied in making informed decisions regarding land management, sustainable agriculture, and environmental conservation.

No. of beneficiaries:

18

Outcome/ success achieved:

**Practical Skills:** Proficiency in soil carbon determination techniques, including various methods, sample preparation, and data interpretation.

**Theory-to-Practice Connection:** Bridging theoretical knowledge with practical application, demonstrating the application of scientific principles in real-world scenarios.

**Carbon Sequestration Benefits:** Awareness of the potential for agriculture to contribute to carbon sequestration, mitigating the effects of climate change through soil carbon management.

Teachers involved in the activity

Prof. Dr. S. H. Burungale Prof. Dr. A. V. Mali Mr. A. N. Bhingare  
Dr. R.S. Patil Mr. B. E. Mahadik Mr. G. B. Dhake  
Dr. U. P. Lad Mr. S. D. Karande Dr. S. D. Jadhav  
Mrs. P. P. Patil Mrs. S. R. Veer Mrs. M. B. Jagdale



*[Signature]*

Head

Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



*[Signature]*

Principal,

Yashwantrao Chavan College  
of Science, Karad



## Department of Chemistry

Date - 23-01-2023

| Sr. | Name of Students    | Address                                    | Mobile No. | Sign                |
|-----|---------------------|--------------------------------------------|------------|---------------------|
| 1.  | Patil Murali        | At Post-Kale                               | 7620702872 | Patil Murali        |
| 2.  | Muskan Shaikh       | Mujawar Colony Karad                       | 8308955861 | Shaikh Muskan       |
| 3.  | Ghadage Dhanashri   | At-Targan Tal-Karad                        | 9503785987 | Ghadage Dhanashri   |
| 4.  | Chakke Shrawati     | At Post-Chargan Tal-Karad, Dist-Satara     | 8263954183 | Chakke Shrawati     |
| 5.  | Patil Rutuja        | At Post-Malharpet Tal-Karad                | 9322656152 | Patil Rutuja        |
| 6.  | Jagtap Aishwarya    | At Post-Vadgaon Tal-Karad, Dist-Satara     | 8010343145 | Aishwarya Jagtap    |
| 7.  | Jadhav Pratiksha    | At Pshore Tal-Karad, Dist-Satara           | 8303183013 | Jadhav Pratiksha    |
| 8.  | Jadhav Nilam        | At Pshore Tal-Karad, Dist-Satara           | 9359984247 | Jadhav Nilam        |
| 9.  | Bardol Tabassum     | At P. Rethare BK II Tal-Karad, Dist-Satara | 7387846450 | Bardol Tabassum     |
| 10. | Chavan Vaishnavi    | At P. Vanuasmachi Tal-Karad, Dist-Satara   | 7559157999 | Chavan Vaishnavi    |
| 11. | Tapase Sanika       | At P. Budhwarpet Tal-Karad, Dist-Satara    | 7385793614 | Tapase Sanika       |
| 12. | Pisal Ankita        | At post-Karwadi Tal-Karad                  | 7058122352 | Pisal Ankita        |
| 13. | Sabale Vishakha     | At P. Maldern Tal-Patan, Dist-Satara       | 8180917553 | Sabale Vishakha     |
| 14. | Patil Samruddhi     | At P. Gidhe Tal-Patan, Dist-Satara         | 9421978541 | Patil Samruddhi     |
| 15. | Yadav Sayali        | At P. Narayanwadi Tal-Karad, Dist-Satara   | 9834488585 | Yadav Sayali        |
| 16. | Waghmare Kanchan    | At P. Tagwante Tal-Karad, Dist-Satara      | 7028319304 | Waghmare Kanchan    |
| 17. | Babar Apurva A      | At P. Kapil Tal-Karad, Dist-Satara         | 8080835438 | Babar Apurva A      |
| 18. | Patil Anjali Murtao | At Post-Vihe, Tal-Patan, Dist-Satara       | 8983514738 | Patil Anjali Murtao |



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



Yashwantrao Chavan College of Science  
Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/1/2023

Name of Students- Tapase Sarika Rajendra

Address - 160, Budhwa E, Peth Karad.

#### Blank Titration

1. 20 ml

2. 21 ml

3. 22 ml

$$\text{CBR} = \frac{63}{3} = 21 \text{ ml}$$

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $\text{K}_2\text{CrO}_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $\text{K}_2\text{CrO}_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $\text{K}_2\text{CrO}_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ C} &= \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100 \\ &= \frac{(21 - 18.3) \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{0.40\%}} \end{aligned}$$

#### Back Titration

1. 18 ml

2. 18 ml

3. 19 ml

$$\text{CBR} = \frac{55}{3} = 18.3 \text{ ml}$$



Conclusion - In the soil contain 0.40% Carbon

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- Tapase Sanika Rajendra

23/1/2023

Address- 160, Budhwae peth, Karad.

% of Organic Carbon in Soil is : 0.40 %

Limit :

Low : < 0.5 %

Medium : 0.5 - 0.75 %

High : > 0.75 %



Head Of Department

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Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date: 23/1/2023

Name of Students- Yashav Sayali Pandit

Address - A/P. Narayanwadi Tal. Karad, Dist. Satara

Blank Titration

1. 33 ml

2. 33 ml

3. 32 ml

CBR = 33 ml

Back Titration

1. 31 ml

2. 30.5 ml

3. 31 ml

CBR = 31 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic Carbon in soil} &= \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100 \\ &= \frac{(33-31) \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{0.3\%}} \end{aligned}$$



Conclusion -

In this soil contain 0.3% Carbon



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- Yadav Sayali Pandit

Date/23-1-2023

Address - A/P Narayanwadi Tal. Karad, Dist. Satara

% of Organic Carbon in Soil is : 0.3 %

Limit :

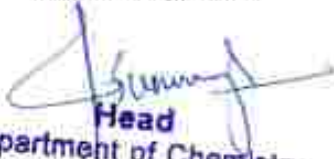
Low :  $< 0.5 \%$

Medium :  $0.5 - 0.75 \%$

High :  $> 0.75 \%$



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## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date: 23-01-2023

Name of Students- WAGHMARE KANCHAN BABAN

Address - A/P - Taswade Tal-Kunad - Dist - Solapur

Blank Titration

1. 33 ml

2. 32 ml

3. 33 ml

CBR = 33 ml

Back Titration

1. 31 ml

2. 30 ml

3. 31 ml

CBR = 31 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic carbon in soil} &= \frac{(x-y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100 \\ &= \frac{(33-31) \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{0.3\%}} \end{aligned}$$



Conclusion - In this soil contain 0.3% carbon

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- WAGHMARE KANCHAN BABAN

Address- A/p Tagwade, Tal- Karad, Dist- Satara.

% of Organic Carbon in Soil is : 0.31.

Limit :

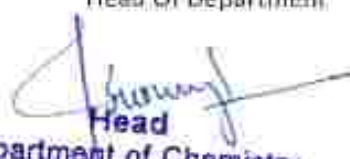
Low :  $< 0.5 \%$

Medium :  $0.5 - 0.75 \%$

High :  $> 0.75 \%$



Head Of Department

  
Head  
Department of Chemistry  
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Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23-01-2023

Name of Students- Babar Apurva Abasaheb

Address - A/P. Kapil Tal. Karad Dist. Satara.

Blank Titration

1. 32

2. 31

3. 32

CBR = 32 ml

Back Titration

1. 31 ml

2. 30.5 ml

3. 31 ml

CBR = 31 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution ( Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution ( sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic Carbon in soil} &= \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil Sample in gm}} \times 100 \\ &= \frac{(32-31) \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{0.15 \%}} \end{aligned}$$



Conclusion - In this soil contain 0.15% Carbon.



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- Babar Apurva Abasaheb

Date- 23-1-2023

Address- A/P Kapil tal. Karad dist. Solara.

% of Organic Carbon in Soil is : 0.15 %

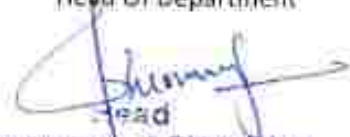
#### Limit :

Low :  $< 0.5 \%$

Medium :  $0.5 - 0.75 \%$

High :  $> 0.75 \%$

Head Of Department

  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/1/23

Name of Students- Muskan Javid Shaikh

Address - Mujawar Colony Karad

Blank Titration

1. 21 ML

2. 20 ML

3. 20 ML

CBR = 20 ML

Back Titration

1. 17 ML

2. 18 ML

3. 20 ML

CBR =

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution ( Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution ( sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic carbon in soil} &= \frac{(x-y) \times N \times 0.003}{\text{Amount at soil sample in gm}} \times 100 \\ &= \frac{(20-18.33) \times 0.5 \times 0.003}{1} \times 100 \\ &= 0.2\% \end{aligned}$$

Conclusion -

This soil contains 0.2% Carbon



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- MUSKAM JAVID SHAIKH

Address- Mujawar colony Karad

% of Organic Carbon in Soil is :

Limit :

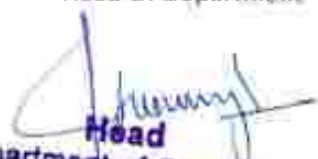
Low :  $< 0.5 \%$

Medium :  $0.5 - 0.75 \%$

High :  $> 0.75 \%$



Head Of Department

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

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23-1-23

Name of Students- Patil Munal Suryakant

Address - At. Post - Kale, Tal- Karad, Dist- Satara.

Blank Titration

1. 20 ml

2. 21 ml

3. 21 ml

CBR = 21 ml

Back Titration

1. 17 ml

2. 18 ml

3. 20 ml

CBR = 18.33

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution ( Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution ( sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic Carbon in Soil} &= \frac{(x-y) \times N \times 0.003}{\text{Amount of Soil Sample in gm}} \times 100 \\ &= \frac{(21 - 18.33) \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{0.4\%}} \end{aligned}$$



Conclusion - This Soil Contain 0.4% Carbon.



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- *Patil Monal Suryakant*

Address - *At. Post - Kale, Tal - Karad, Dist - Satara*

% of Organic Carbon in Soil is : *0.4%*

Limit :

Low : *< 0.5 %*

Medium : *0.5 - 0.75 %*

High : *> 0.75 %*



Head Of Department

A handwritten signature in blue ink, appearing to read "S. S. Chavan".

Head

Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/01/2023

Name of Students - chavan vaishnavi Vishwas

Address - A/p. Vanwasmachi, Tal. Karad, dist. Satara.

Blank Titration

1. 26 ml
  2. 27 ml
  3. 29 ml
- CBR = 27.33 ml

Back Titration

1. 21 ml
  2. 22 ml
  3. 24 ml
- CBR = 22.33 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\% \text{ of organic carbon in soil} = \frac{(26 - 22) \times 0.5 \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

$$\frac{(27.33) - (22.33) \times 0.5 \times 0.003}{1} \times 100$$

$$= 0.75 \%$$

Conclusion - This soil contain 0.75% Carbon



## Extension Activity 2022-23

Department of Chemistry

Date - 23/01/2023

Aim - Determination of organic carbon from Soil

Name of Students- chavan vaishnavi vishwas.

Address- Alp-Vanwasmachi, Tal-Karad, dist-Satara.

% of Organic Carbon in Soil is : 0.75 %

Limit :

Low : < 0.5 %

Medium : 0.5 - 0.75 %

High : > 0.75 %



Head Of Department

  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/11/23

Name of Students- Patil Rutuja Arvind

Address - At Post. Malharpeth Tal. Patan, Dis. Satara.

Blank Titration

1. 23 ml

2. 19 ml

3. 25 ml

CBR = 22 ml

Back Titration

1. 12 ml

2. 12 ml

3. 10 ml

CBR = 11 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution ( Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution ( sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic carbon in soil} &= \frac{(X-Y) N \times 0.003}{\text{amount of soil sample in gm}} \times 100 \\ &= \frac{(26 - 22 - 11) \times 0.5 \times 0.003}{1} \times 100 \\ &= \frac{11 \times 0.5 \times 0.003}{1} \times 100 \\ &= 1.65\% \end{aligned}$$

Conclusion - The soil carbon contain = 1.65%.



## Extension Activity 2022-23

Department of Chemistry

23/11/23

Aim - Determination of organic carbon from Soil

Name of Students- Patil Rutuja Arvind

Address- Al Post - Malharipeth, Tal- Patan, Dist. Satara.

% of Organic Carbon in Soil is : 1.65%.

Limit :

Low :  $\leq 0.5\%$

Medium :  $0.5 - 0.75\%$

High :  $> 0.75\%$



Head Of Department

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



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 28-1-2023

Name of Students - Ghatake Shrutti Bajirav

Address - At. Post. Chavregav. Tal. Korad. Dist. Satara

Blank Titration

1. 25 ml

2. 19 ml

3. 21 ml

CBR = 21

Back Titration

1. 12 ml

2. 12 ml

3. 9 ml

CBR = 11

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic carbon in soil} &= \frac{(21-11) \times 0.5 \times 0.003}{\text{amount of soil sample in gm}} \times 100 \\ &= \frac{(21-11) \times 0.5 \times 0.003}{1} \times 100 \\ &= 1.5\% \end{aligned}$$

Conclusion - This soil contains 1.5% carbon



Date = 23-1-2023

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students - Ghatake Shruti Gajirav

Address - At. Post. Ch. regav Tal. Karad, Dist. Satara

% of Organic Carbon in Soil is : 1.5 %.

Limit :

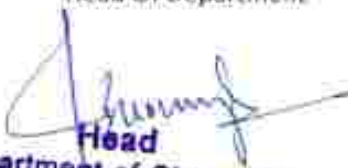
Low :  $< 0.5 \%$

Medium :  $0.5 - 0.75 \%$

High :  $> 0.75 \%$



Head Of Department

  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/01/2023

Name of Students- Jagtap Aishwarya Shankar.

Address - At post-Vadgaon Haveli, Tal-Karad, Dist - Satara.

Blank Titration

1. 24 ml

2. 20 ml

3. 26 ml

CBR = 23 ml

Back Titration

1. 15 ml

2. 15 ml

3. 17 ml

CBR = 15 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic carbon in soil} &= \frac{(X-Y) N \times 0.003}{\text{amount of soil sample in gm}} \times 100 \\ &= \frac{(23-15) \times 0.5 \times 0.003}{1} \times 100 \\ &= \frac{8 \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{1.2 \%}} \end{aligned}$$

Conclusion -

The soil carbon contain = 1.2 %



## Extension Activity 2022-23

Department of Chemistry

Date - 23/10/2023

Aim - Determination of organic carbon from Soil

Name of Students- Jagtap Aishwarya Shankar.

Address - At Post- Vadgaon Haveli, Tal-Karad, Dist-Satara

% of Organic Carbon in Soil is : 1.2%

Limit :

Low : < 0.5 %

Medium : 0.5 - 0.75 %

High : > 0.75 %



Head Of Department

  
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Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/1/23

Name of Students- Patil Anjali Mugutao.

Address - AT. Post - Vihe, Tal - Patan, Dist. - Satara.

Blank Titration

1. 21 ml

2. 22 ml

3. 22 ml

CBR = 22 ml

Back Titration

1. 17 ml

2. 18 ml

3. 20 ml

CBR = 18.33 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution ( Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution ( sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of Organic Carbon in Soil} &= \frac{(x-y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100 \\ &= \frac{(22 - 18.33) \times 0.5 \times 0.003}{1} \times 100 \\ &= 0.5 \% \end{aligned}$$

Conclusion - This soil contain 0.5% carbon.





## Extension Activity 2022-23

23/1/23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- Patil Anjali Mugutao.

Address - AT. Post - Vihe, Tal. - Patan, Dist. - Satara.

% of Organic Carbon in Soil is : 0.5 %

Limit :

Low : < 0.5 %

Medium : 0.5 - 0.75 %

High : > 0.75 %



Head Of Department

Head

Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date: 23-1-2023

Name of Students- Bardol Tabassum Moula

Address- A/P. Rethaze Bk II, Tal - Karad, Dist - Satara

Blank Titration

1. 26 ml

2. 27 ml

3. 29 ml

CBR = 27.33

Back Titration

1. 24 ml

2. 23 ml

3. 21 ml

CBR = 22.66

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic carbon in soil} &= \frac{(x-y) \times N \times 0.003}{\text{amount of soil sample in gram}} \times 100 \\ &= \frac{(27.33) - (22.66) \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{0.7\%}} \end{aligned}$$

Conclusion - This soil contain 0.7 % Carbon



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

23-1-2023

Name of Students- Bardol Tabassum Mouda

Address- A/p. Rethare BK, Tal- Karad, Dist - Satara

% of Organic Carbon in Soil is : 0.7 %

#### Limit:

Low :  $< 0.5 \%$

Medium :  $0.5 - 0.75 \%$

High :  $> 0.75 \%$



Head Of Department.

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

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date: 23/1/2023

Name of Students- Pisal Ankita Prakash

Address- AT Post - Kerkawadi, Tal- Karad, Dist- Satara.

Blank Titration

1. 25 ml

2. 26 ml

3. 25 ml

CBR = 25 ml

Back Titration

1. 22 ml

2. 23 ml

3. 22 ml

CBR = 22 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g. of C

$$\% \text{ of organic carbon in soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

$$= \frac{(25-22) \times 0.5 \times 0.003}{1} \times 100$$

$$= \underline{\underline{0.45\%}}$$

Conclusion - In this soil contain 0.45% carbon.



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date - 23/1/2023

Name of Students- Pisal Ankita Prakash

Address - At Post - Karawadi, Tal- Karad, Dis - Satara

% of Organic Carbon in Soil is : 0.45%

Limit :

Low :  $\leq 0.5\%$

Medium :  $0.5 - 0.75\%$

High :  $> 0.75\%$



Head Of Department

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



## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date: 23-1-2023

Name of Students- Jadhav Nilesh Ganesha

Address - A/P Sheela Chowdhury Tal - Kulead Dist - Solapur

Blank Titration

1. 36 ml

2. 34 ml

3. 35 ml

CBR = 35 ml

Back Titration

1. 26 ml

2. 28 ml

3. 30 ml

CBR = 28 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\% \text{ of organic carbon in soil} = \frac{(x-y) \times N \times 0.03}{\text{amount of soil sample in gm}} \times 100$$

$$= \frac{(35-28) \times 0.5 \times 0.003}{1} \times 100$$

$$= \underline{\underline{1.05\%}}$$

Conclusion - This soil contain 1.05% carbon



## Extension Activity 2022-23

Department of Chemistry

23-1-2023

Aim - Determination of organic carbon from Soil

Name of Students- Jadhav Nilam Ganesh

Address- A/P SHEER HOZATMALA TAL- KARAD Dist- SATARA

% of Organic Carbon in Soil is : 1.05 %

Limit :

Low :  $< 0.5 \%$

Medium :  $0.5 - 0.75 \%$

High :  $> 0.75 \%$



Head Of Department

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

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23-01-2023

Name of Students- Sabale Vishakha Vishwas

Address- ATP-Maldon, Tal- padin, Dist- Solapur.

Blank Titration

1. 27 ml

2. 26 ml

3. 27 ml

CBR = 27 ml

Back Titration

1. 20 ml

2. 21 ml

3. 21 ml

CBR = 21 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution ( Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution ( sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\% \text{ of organic carbon in soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

$$= \frac{(27-21) \times 0.5 \times 0.003}{1} \times 100$$

$$= \underline{\underline{0.9 \%}}$$

Conclusion -

In this soil contain 0.9% carbon



Extension Activity 2022-23

23/01/2023

Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- Sabale Vishakha Vishwas

Address - AT/p- Maldan, Tal- Palan, Dist- Satara.

% of Organic Carbon in Soil is : 0.9 %

Limit :

Low : < 0.5 %

Medium : 0.5 - 0.75 %

High : > 0.75 %



Head Of Department

  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/01/2023

Name of Students- Patil Samruddhi Sachin

Address - At- Post Gudhe, tal- Patan Dist- Satara

Blank Titration

1. 26 ml

2. 26 ml

3. 27 ml

CBR = 26 ml

Back Titration

1. 23 ml

2. 23 ml

3. 22 ml

CBR = 23 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g. of C

$$= \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

$$= \frac{(26-23) \times 0.5 \times 0.003}{1} \times 100$$

$$= 0.45 \%$$

Conclusion - In this soil contain 0.45% carbon.





## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date = 23/01/2023

Name of Students- Patil Samsuddhi Sachin

Address - At Post gudhe, tal: Patan, Dist: Satara.

% of Organic Carbon in Soil is : 0.45%

Limit :

Low : < 0.5 %

Medium : 0.5 - 0.75 %

High : > 0.75 %



Head Of Department

  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date : 23/11/2023

Name of Students- Jadhav Pratiksha Ramchandra

Address - AlPshere Tal - Karad , Dist - Satara

#### Blank Titration

1. 34 ml

2. 33 ml

3. 36 ml

CBR = 34.33 ml

#### Back Titration

1. 25 ml

2. 27 ml

3. 29 ml

CBR = 27 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution ( Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution ( sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\begin{aligned} \% \text{ of organic carbon in soil} &= \frac{(X-Y) \times N \times 0.003}{\text{Amount of soil sample in gm}} \times 100 \\ &= \frac{(34.33) - (27) \times 0.5 \times 0.003}{1} \times 100 \\ &= \underline{\underline{1.09\%}} \end{aligned}$$

Conclusion - The soil contain 1.09% Carbon



## Extension Activity 2022-23

23/11/2023

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- Jadhav Pratiksha Ramchandra

Address - N/P shere Tal - Karad, Dist - Satara

% of Organic Carbon in Soil is : 1.09%

Limit :

Low :  $< 0.5\%$

Medium :  $0.5 - 0.75\%$

High :  $> 0.75\%$



Head Of Department

  
**Head**  
Department of Chemistry  
Yashwantrao Chavan College of Education  
Karad, Dist. Satara

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Date: 23-01-2023

Name of Students- Dhanashri Sanjay Ghadage

Address - At. Targaon Tal-koregaon Dist-Satara

#### Blank Titration

1. 24 ml

2. 20 ml

3. 26 ml

CBR = 23 ml

#### Back Titration

1. 15 ml

2. 15 ml

3. 17 ml

CBR = 15 ml

$$\% \text{ of Organic Carbon in Soil} = \frac{(X-Y) \cdot N \cdot 0.003}{\text{Amount of soil sample in gm}} \times 100$$

X = Volume of 0.5 N FAS required for reducing 10ml  $K_2CrO_7$  solution (Blank reading)

Y = Volume of 0.5 N FAS required for reducing the excess of 1 N  $K_2CrO_7$  solution (sample reading)

0.003 = 1 ml of 1 N  $K_2CrO_7$  = 3 mg = 0.003 g of C

$$\% \text{ organic Carbon in Soil} = \frac{(X-Y) N \times 0.003}{\text{amount of soil sample in gm}} \times 100$$

$$\begin{aligned} & \frac{(23-15) 0.5 \times 0.003}{1} \times 100 \\ &= \frac{8 \times 0.5 \times 0.003}{1} \times 100 \\ &= 1.2 \% \end{aligned}$$

Conclusion - This soil contain 1.2% carbon



date - 23-01-2023

## Extension Activity 2022-23

### Department of Chemistry

Aim - Determination of organic carbon from Soil

Name of Students- Dhanashri Sanjay Ghadage

Address- At. Targaon Tal-karagaon Dist. Satara

% of Organic Carbon in Soil is : 1.2 %

Limit :

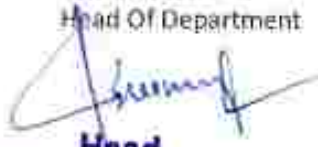
Low :  $\leq 0.5\%$

Medium :  $0.5 - 0.75\%$

High :  $> 0.75\%$



Head Of Department

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





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



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

**Department of Chemistry**

**Year 2022-23**

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

**Index**

| <b>Sr. No.</b> | <b>Name</b>                |
|----------------|----------------------------|
| 1.             | Rajendra Ramchandra Thorat |
| 2.             | Pramila Rajendra Thorat    |
| 3.             | Yashwant Daji Padalkar     |
| 4.             | Pramod Bhimrao Sathe       |
| 5.             | Adam shaikh                |
| 6.             | Ulhas Chougule             |
| 7.             | Ravindra Akaram Kambale    |
| 8.             | Patangrao Dattatray Chavan |

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



Principal  
Yashwantrao Chavan College  
of Science, Karad

# Yashwantrao Chavan College of Science, Karad

## Department of Chemistry

### Extension Activity 2022-23

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

**Purpose:**

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

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

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

**No. of beneficiaries:**

08

#### Outcome/ success achieved:

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

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

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

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

#### Teachers involved in the activity

Prof. Dr. S. H. Burungale Prof. Dr. A. V. Mali Mr. A. N. Bhingare  
Dr. R. S. Patil Mr. B. E. Mahalik Mr. G. B. Dhake  
Dr. U. P. Lad Mr. S. D. Karande Dr. S. D. Jadhav  
Mrs. N. R. Panwal Mrs. P. P. Patil Mrs. S. R. Veer





**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity 2022-23**

**Department of Chemistry**

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

| Sr. No | Name                          | Address                           | Mobile No. | Sign                                                                                |
|--------|-------------------------------|-----------------------------------|------------|-------------------------------------------------------------------------------------|
| 1      | Rajendra Ramchandra Thorat    | Savitribai Phule Colony, Banawadi | 9420622716 |    |
| 2      | Pranika Rajendra Thorat       | Savitribai Phule Colony, Banawadi | 9834083220 |    |
| 3      | Yashwant Daji Padalkar        | Savitribai Phule Colony, Banawadi | 9623242966 |    |
| 4      | Pranod Dhimrao Sathe          | Savitribai Phule Colony, Banawadi | 9850833910 |    |
| 5      | Adam Shaikh                   | Savitribai Phule Colony, Banawadi | 9730177986 |   |
| 6      | Uhas Chougale                 | Savitribai Phule Colony, Banawadi | 980816584  |  |
| 7      | Ravindra Akram Kamble         | Savitribai Phule Colony, Banawadi | 9403348351 |  |
| 8      | Pratapsingh Dattatraya Chavan | Savitribai Phule Colony, Banawadi | 9423738258 |  |
|        |                               |                                   |            |                                                                                     |



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

# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

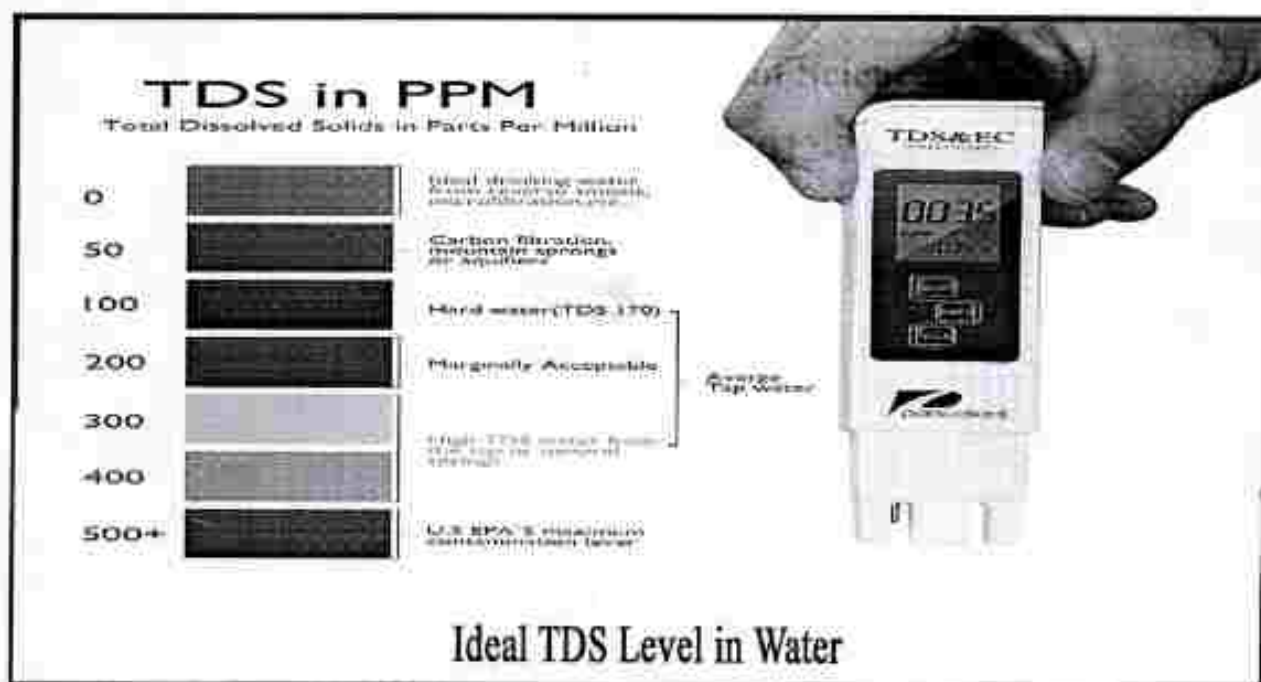
Date: 16.5.2023

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

Name : Rajendra Ramchandra Thorat

Address : Savitribai Pawde Colony, Banawadi

TDS : 0.168 PPT = 168 PPM



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

Conclusion - This water is Potable : Yes / No

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

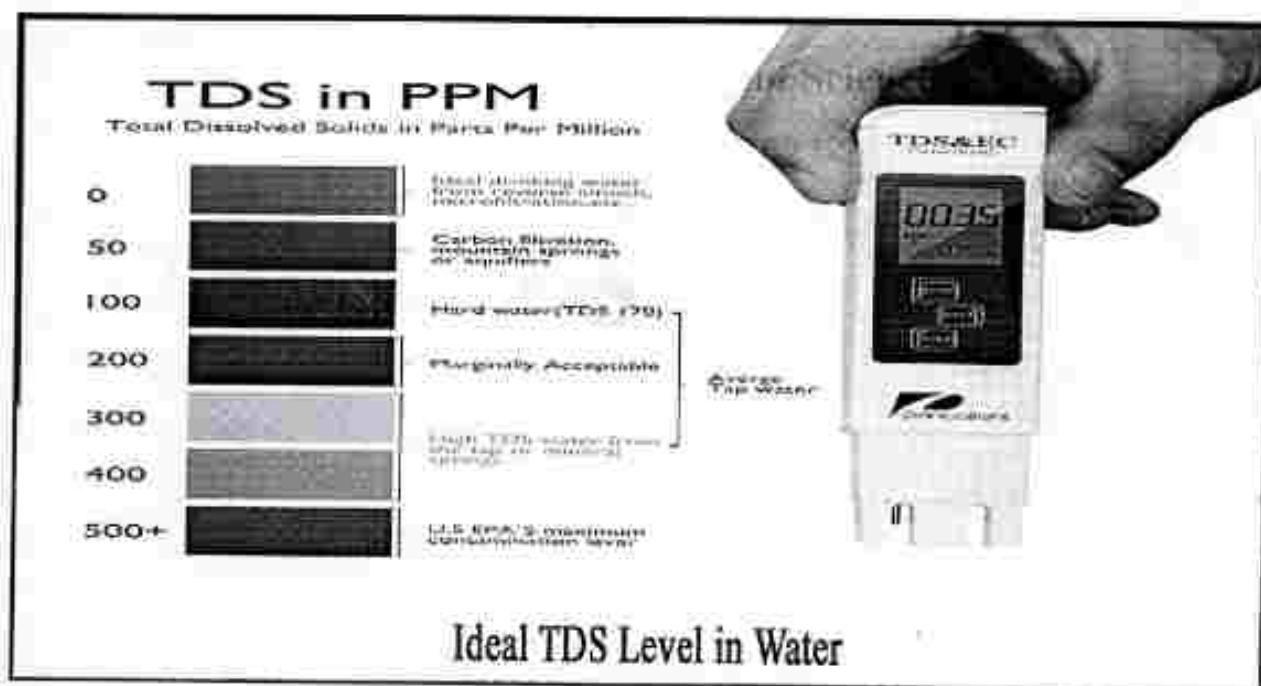
Date: 16.3.2023

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

Name : Pramila Rajendra Thorat

Address : Savitribai Phule Colony, Banavadi

TDS : 1466 PPT = 1466 PPM



### Ideal TDS Level in Water

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

Conclusion - This water is Potable : Yes / No

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

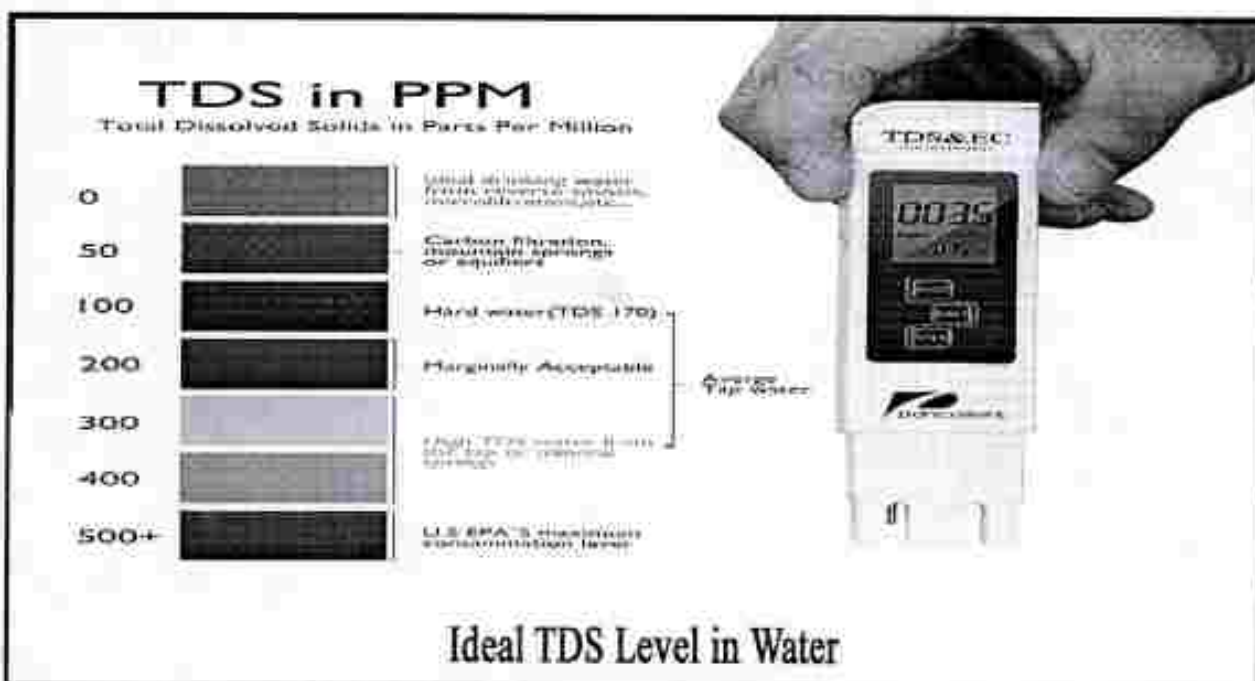
Date: 16.3.2023

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

Name : Yashwant Daji Padalkar

Address : Savitribai Phule Colony, Bananudi

TDS : 0.126 PPT = 126 PPM



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

Conclusion - This water is Potable : Yes / No

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad





# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

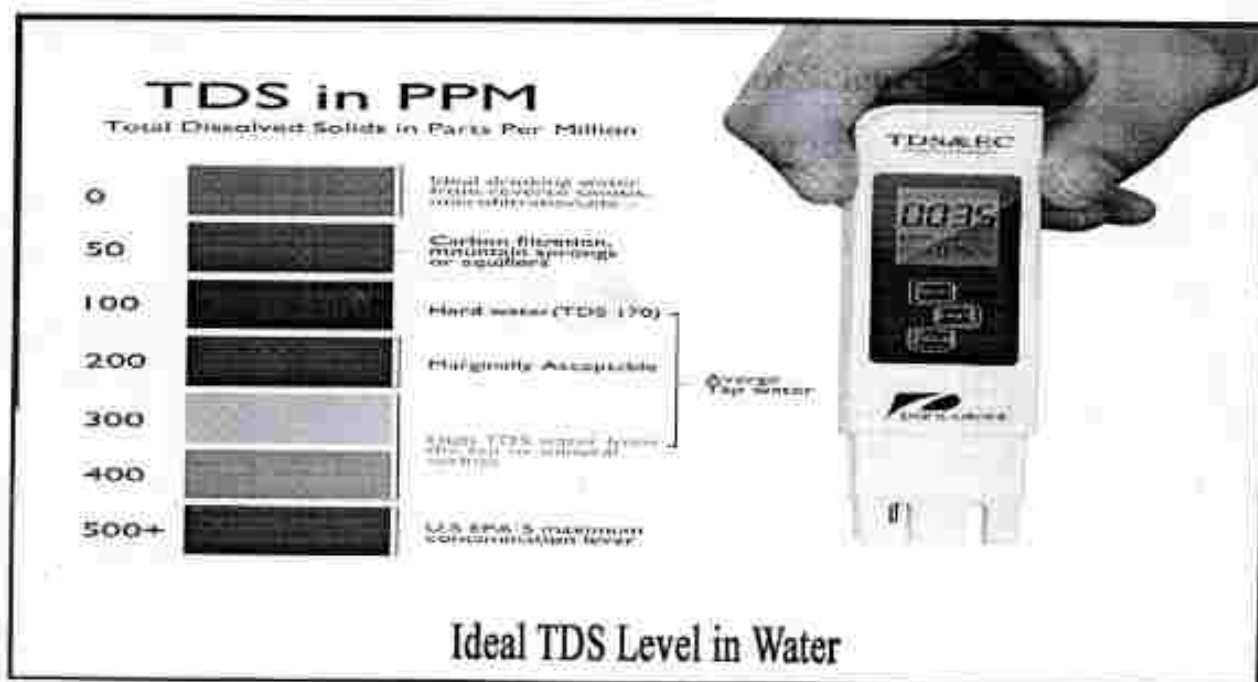
Date: 16/3/2023

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

Name : Pramod Bhimrao Sathe

Address : Savitribai Phule colony, Banawadi

TDS : 0.916 PPT = 116 PPM



Ideal TDS Level in Water

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

Conclusion - This water is Potable : Yes / No

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

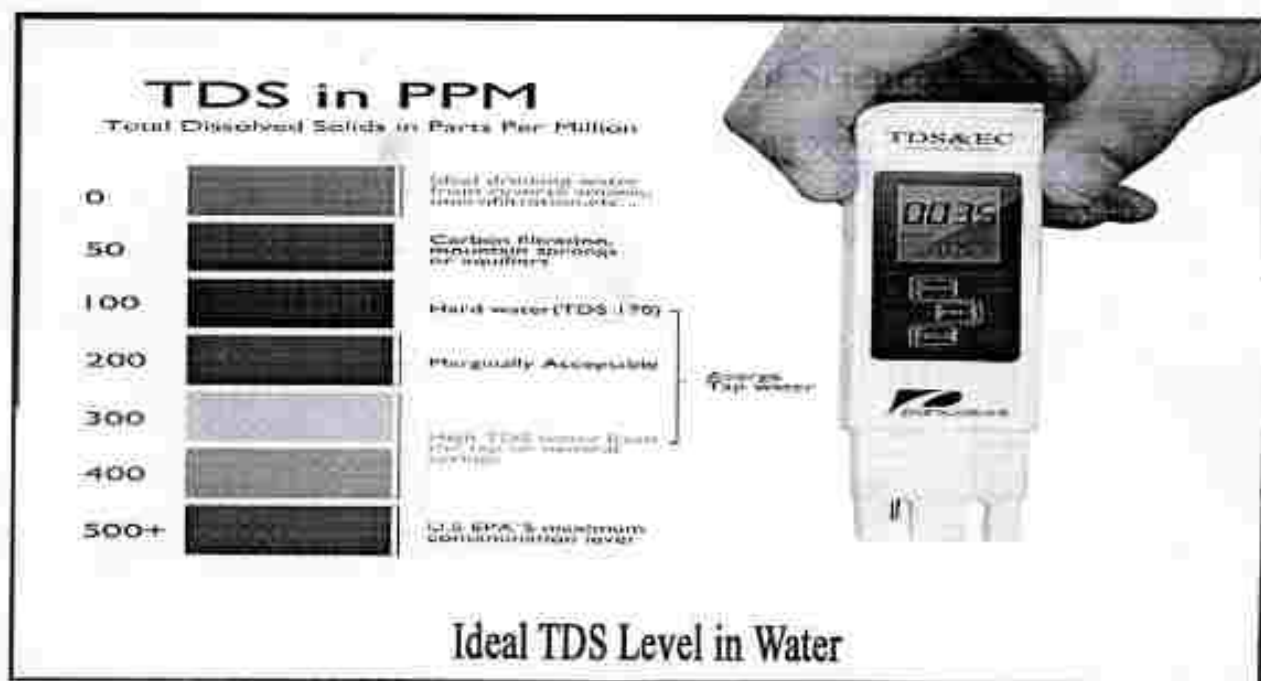
Date: 16.8.2023

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

Name : Adarsh Shauikh

Address : Savitribai Pawale Colony, Banawadi

TDS : 1862 PPT = 1862 PPM



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

Conclusion - This water is Potable : Yes / No

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

Date: 16/3/2023

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

Name : Ulhas Chougale

Address : Savitribai Phule Colony, Bangavade

TDS : 0.367 PPT = 367 PPM



Ideal TDS Level in Water

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

Conclusion - This water is Potable : Yes / No

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

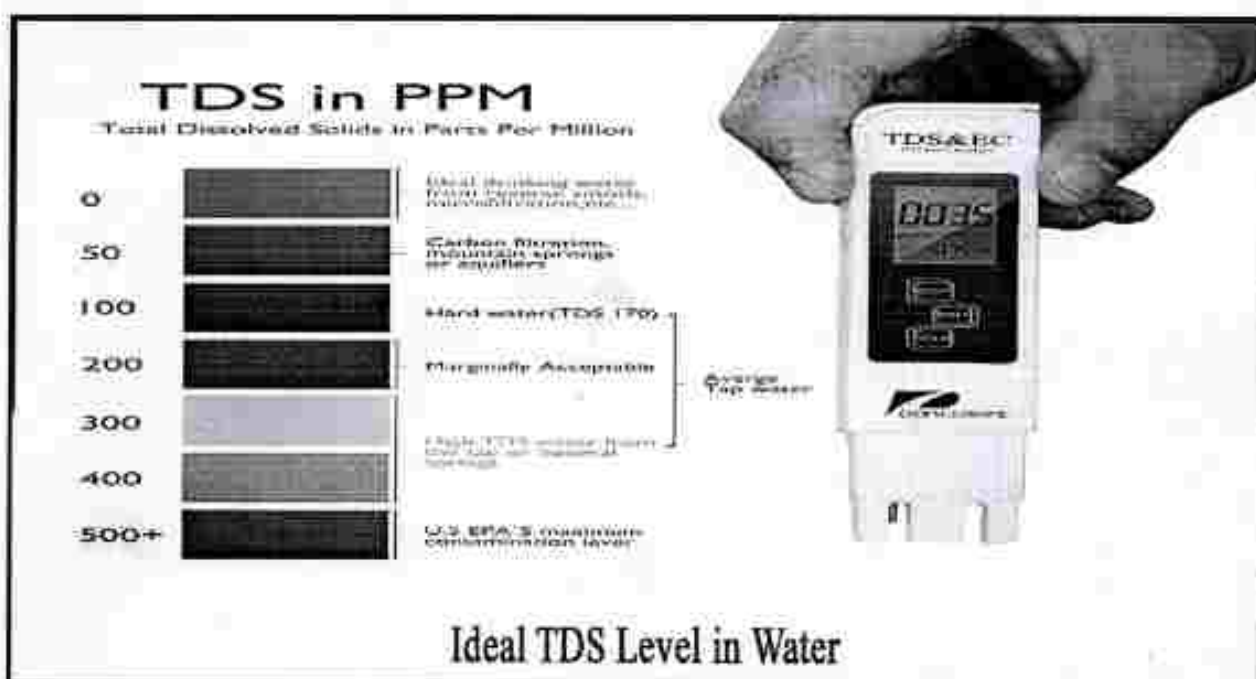
Date: 46.3.2023

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

Name : Ravindra Akaram Kavale

Address : Savitribai Phule College, Panwandi

TDS : 1273 PPT = 1273 PPM



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

Conclusion - This water is Potable : ~~Yes~~ / No

Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad





# Yashwantrao Chavan College of Science, Karad

## Extension Activity 2022-23

Department of Chemistry

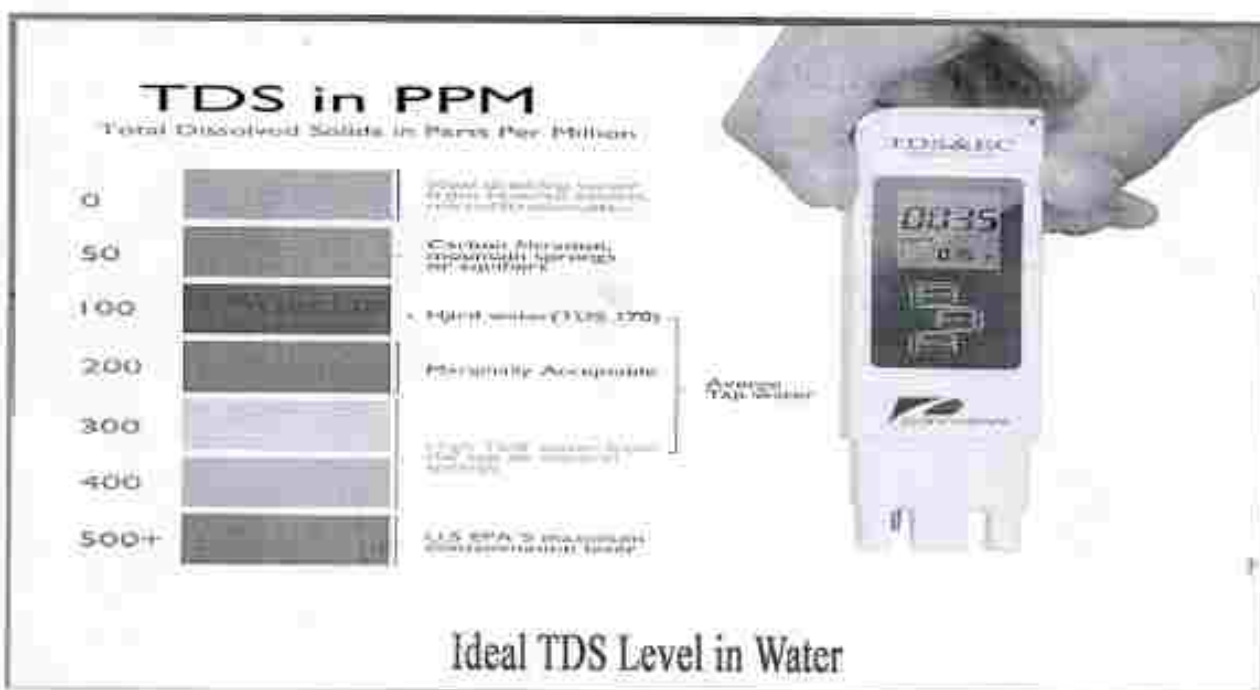
Date: 16.7.2023

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

Name: : Patangrao Dattatraya Chavan

Address : Sarikhal Phule colony, Panwandi

TDS : 0.160 PPT = 160 PPM



Ideal TDS Level in Water

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

Conclusion - This water is Potable : Yes / No



Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



**Yashwantrao Chavan College of Science, Karad**  
**Department of Biotechnology**  
**Student Extension Activity 2021-2022**  
**REPORT**

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Name of the Activity:     | Health and Hygiene                                                |
| Class:                    | B.Sc. III                                                         |
| Date:                     | Tuesday, 12-10-2021: 11:30 am.                                    |
| Name of the Department:   | Biotechnology                                                     |
| Program Type:             | Awareness among the High school students about Health and Hygiene |
| Name of the Participants: | 1) Pradnya Sankpal<br>2) Shreyas Swami<br>3) Sujit Sutar.         |
| Name of the Guide:        | Mrs. S.S. Nalawade.                                               |
| No. of Students Attended: | 25                                                                |
| Program outcomes :        | Implementations of good habits among students.                    |
| Program Photos :          |                                                                   |



*(Signature)*  
Teacher In-charge

*(Signature)*  
Head Dept. of Biotechnology



**Yashwantrao Chavan College of Science, Karad**  
**Department of Biotechnology**

| Name of the activity -                                          |                          |       |                      |
|-----------------------------------------------------------------|--------------------------|-------|----------------------|
| Venue - Venutai Chavan English Medium School, Vidyanagar, Karad |                          |       |                      |
| Sr No.                                                          | Name of the students     | Class | Signature            |
| 1                                                               | Aditi Nounath karade     | 9th   | <u>Adi Karade</u>    |
| 2                                                               | madhura kanase.          | 9th   | <u>m.bhosale</u>     |
| 3                                                               | mansimank Nalawade       | 9th   | <u>Mansimank</u>     |
| 4                                                               | Vaidhai Vijay potdar     | 9th   | <u>V.V.P.</u>        |
| 5                                                               | shruti Dhanaji Gokhad    | 9th   | <u>SRK.</u>          |
| 6                                                               | Tanishka Yuvraj Gotpagar | 9th   | <u>Ty Gotpagar</u>   |
| 7                                                               | Aditi sanjay patil       | 9th   | <u>A.S. Patil</u>    |
| 8                                                               | Aryan Luxman wadkar      | 9th   | <u>Awadkar</u>       |
| 9                                                               | Nirbhay Jadhav           | 9th   | <u>Niradhav</u>      |
| 10                                                              | Sobham S. Gade           | 10th  | <u>S.Gade</u>        |
| 11                                                              | Nikhil S. Patil          | 10th  | <u>N.S. Patil</u>    |
| 12                                                              | shreyash P. Patil        | 10th  | <u>Patil</u>         |
| 13                                                              | Rohan R. Patil           | 10th  | <u>R.R. Patil</u>    |
| 14                                                              | Prajanon B. Chavan       | 10th  | <u>P.B.C.</u>        |
| 15                                                              | Archit R. Pawar          | 10th  | <u>A.R. Pawar</u>    |
| 16                                                              | Harshvardhan N. Pawar    | 10th  | <u>Harsh</u>         |
| 17                                                              | Nilanjan S. Potdar       | 10th  | <u>Nis Potdar</u>    |
| 18                                                              | mayur S. mali            | 10th  | <u>Mermali</u>       |
| 19                                                              | Atharv V. Nalawade       | 10th  | <u>Atv. Nalawade</u> |
| 20                                                              | Sahil D. Bhosale         | 10th  | <u>S. Bhosale</u>    |
| 21                                                              | vedant R. chavan         | 9th   | <u>Vedhavan.</u>     |
| 22                                                              | Atharv T. Wadkar         | 9th   | <u>A.T. wadkar</u>   |
| 23                                                              | Vighnesh T. Wadkar       | 9th   | <u>V.T.W.</u>        |
| 24                                                              | Aryan B. Turpe           | 9th   | <u>Turpe</u>         |
| 25                                                              | Atharva S. Jadhav        | 10th  | <u>Assadhav</u>      |



**Shwantrao Chavan College of Science, Karad**  
**Department of Biotechnology**

**Feedback form**

Name of the Activity-- Departmental Extension Activity

Name: Vaibhavi Vijay Potdar class 9<sup>th</sup>

Mobile No. ....

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                     |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                     |             |                     |             |
| 3 | Speakers presentation's skill                  |                  | ✓                   |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                     |             |                     |             |
| 5 | Overall experience of the programme            | ✓                |                     |             |                     |             |

Any other suggestions if any.....

Date: 12/10/2021

Sign. V.V.P.

**Ashwantrao Chavan College of Science, Khand  
Department of Biotechnology**

**Feedback form**

Name of the Activity- . Departmental Extension Activity

Name: Shreyas P. Patil class- 10<sup>th</sup>

Mobile No. ....

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                     |             |                     |             |
| 2 | Rate the materials/slides presented by speaker |                  | ✓                   |             |                     |             |
| 3 | Speakers presentation's skill                  | ✓                |                     |             |                     |             |
| 4 | Amount of new information you learned          |                  | ✓                   |             |                     |             |
| 5 | Overall experience of the programme            | ✓                |                     |             |                     |             |

Any other suggestions if any.....

Date: 12/10/2021

Sign. Spati



**Ashwantrao Chavan College of Science, K. Road**  
**Department of Biotechnology**

**Feedback form**

**Name of the Activity:-** Departmental Extension Activity

**Name:-** Prajanan B. Chavan class - 10th

**Mobile No.** .....

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                     |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                     |             |                     |             |
| 3 | Speakers presentation's skill                  |                  | ✓                   |             |                     |             |
| 4 | Amount of new information you learned          |                  | ✓                   |             |                     |             |
| 5 | Overall experience of the programme            | ✓                |                     |             |                     |             |

**Any other suggestions if any** .....

**Date:** 12/10/2021

**Sign.** PBC



**Ashwantrao Chavan College of Science, K. Road**  
**Department of Biotechnology**

**Feedback form**

Name of the Activity-- Departmental Extension Activity

Name: Harshvardhan N. Patil class -

Mobile No. ....

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                     |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                     |             |                     |             |
| 3 | Speakers presentation's skill                  |                  | ✓                   |             |                     |             |
| 4 | Amount of new information you learned          |                  | ✓                   |             |                     |             |
| 5 | Overall experience of the programme            |                  | ✓                   |             |                     |             |

Any other suggestions if any.....

Date: 12/10/2021

Sign. Harsh

**Yashwantrao Chavan College of Science, Karad**  
**Department of Biotechnology**

**Feedback form**

**Name of the Activity- . Departmental Extension Activity**

**Name:**..... Atharv T. wadkar ..... class - 9<sup>th</sup> .....

**Mobile No**.....

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                     |             |                     |             |
| 2 | Rate the materials/slides presented by speaker |                  | ✓                   |             |                     |             |
| 3 | Speakers presentation's skill                  | ✓                |                     |             |                     |             |
| 4 | Amount of new information you learned          |                  | ✓                   |             |                     |             |
| 5 | Overall experience of the programme            | ✓                |                     |             |                     |             |

Any other suggestions if any.....

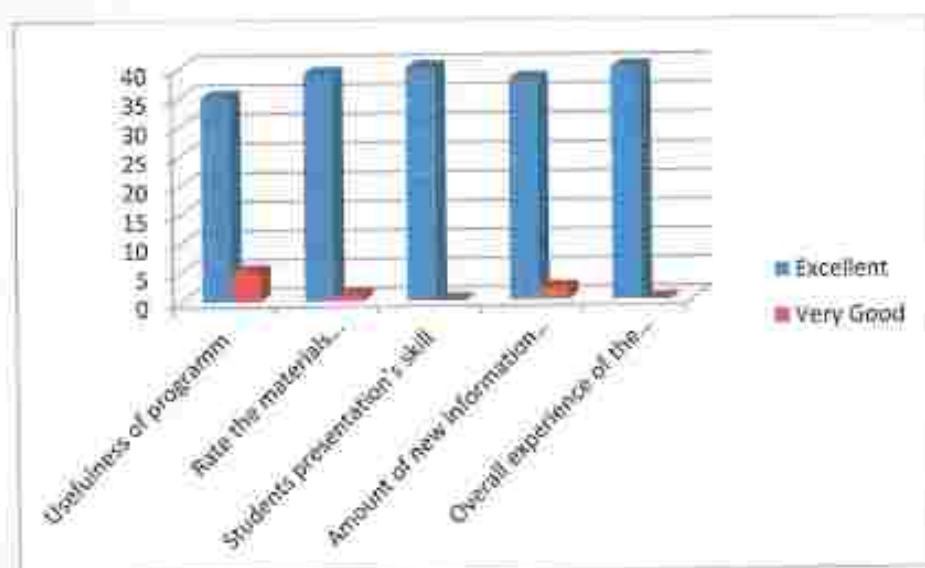
**Date:** 12/10/2024

**Sign.** A.T.wadkar

**Yashwantrao Chavan College of Science, Karad**  
**Department of Biotechnology**  
**Feedback Analysis**

**Health and Hygiene Awareness for School Students**

|                                                | Excellent | Very Good | Good | Poor |
|------------------------------------------------|-----------|-----------|------|------|
| Usefulness of program                          | 22        | 03        |      |      |
| Rate the materials/slides presented by speaker | 20        | 05        |      |      |
| Speakers presentation's skill                  | 23        | 02        |      |      |
| Amount of new information you learned          | 24        | 01        |      |      |
| Overall experience of the programme            | 21        | 04        |      |      |



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

## Health and Hygiene Awareness For School Students



**Yashwantrao Chavan College of Science, Karad**

**Department of Microbiology**

**Departmental Extension Activity 2021-22**

**REPORT**

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Name of the activity:     | Hygienic awareness among school children                                                          |
| Date and time             | Friday 24-12-2021:10.00 am                                                                        |
| Venue                     | Venutai Chavan English Medium School, Karad                                                       |
| Name of the department:   | Microbiology                                                                                      |
| Purpose of Program        | Awareness among the Highschool Students about Handwashing, Dental health and avoiding street food |
| Name of the Presenters    | 1) Shreyas Swami<br>2) Sujit Sutar                                                                |
| Names of Guiding teachers | Smt K.A.Yadav & Smt S. A. Lohar                                                                   |
| No. of Students Attended  | 53                                                                                                |
| Program outcomes          | Implementation of good habits among students                                                      |

**Program Photo**



  
**HEAD**  
DEPARTMENT OF MICROBIOLOGY



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



**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**

| Name of the activity - Street Food                               |                         |       |           |
|------------------------------------------------------------------|-------------------------|-------|-----------|
| Venue - Venutai Chavan English Medium School, Vidyannagar, Karad |                         |       |           |
| Sr No.                                                           | Name of the students    | Class | Signature |
| 1                                                                | Janhavi Bipin Mohite    | 8th   | Balohite  |
| 2                                                                | Rutuja Sanjay Patil     | 9th   | Patil     |
| 3                                                                | Bagwan Zeba Firoj       | 9th   | Bagwan    |
| 4                                                                | Nirbhay Jadhav          | 9th   | Jadhav    |
| 5                                                                | Milanjari Shishir Bodar | 9th   | Bodar     |
| 6                                                                | Aryan Laxman Wadkar     | 8th   | A.W       |
| 7                                                                | Atharv V. Malawade      | 9th   | Atharv    |
| 8                                                                | Aditi Navnath Karande   | 9th   | Karande   |
| 9                                                                | Sohan S. Gade           | 9th   | S.S. Gade |
| 10                                                               | Mansi Manik Malawade    | 8th   | Malawade  |
| 11                                                               | Harshwardham N. Pawar   | 10th  | Pawar     |
| 12                                                               | Vaidhahi Vijay Patil    | 8th   | Patil     |
| 13                                                               | Anushka Jitendra Magare | 8th   | Magare    |
| 14                                                               | Vignesh T. Vandkar      | 9th   | Vandkar   |
| 15                                                               | Nikhil S. Patil         | 9th   | Patil     |
| 16                                                               | Samrudhni Sharad Ghole  | 8th   | Ghole     |
| 17                                                               | Manjiv S. Mali          | 9th   | M.S. Mali |
| 18                                                               | Jadhav Aarya Satish     | 9th   | Jadhav    |
| 19                                                               | Amit R. Pawar           | 9th   | Pawar     |
| 20                                                               | Atharv R. Chavan        | 9th   | Chavan    |
| 21                                                               | Shruti Dhanaji Gulkar   | 8th   | Gulkar    |
| 22                                                               | Atharv S. Jadhav        | 9th   | Atharv    |
| 23                                                               | Vedant D. Bhosale       | 10th  | Bhosale   |
| 24                                                               | Aditi Navnath Karande   | 8th   | Karande   |
| 25                                                               |                         |       |           |

26.



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**DEPARTMENT OF MICROBIOLOGY**

**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**

| Name of the activity - Dental Health                             |                               |       |               |
|------------------------------------------------------------------|-------------------------------|-------|---------------|
| Venue - Venutai Chavan English Medium School, Vidyannagar, Karad |                               |       |               |
| Sr No.                                                           | Name of the students          | Class | Signature     |
| 1                                                                | Sanchita nanasaheb Dhagale    | 8th   | S.N.D         |
| 2                                                                | Shaurya Prashant Kamble       | 9th   | Shaurya       |
| 3                                                                | Rutuja Sanjay Patil           | 9th   | R.S. Patil    |
| 4                                                                | Patil Tanishka Ramesh         | 10th  | Tanishka      |
| 5                                                                | Shreyas Ganesh Gujar          | 9th   | Shreyas       |
| 6                                                                | Aditi Sanjay Patil            | 8th   | A.S. Patil    |
| 7                                                                | Janhavi Bipin Mohite          | 8th   | J. Mohite     |
| 8                                                                | Madhura Dattatray Shinde      | 8th   | Madhura       |
| 9                                                                | Barge Harshada Rajendra       | 8th   | Barge H.R.    |
| 10                                                               | Bagwan Zeba firej             | 9th   | Z. Bagwan     |
| 11                                                               | Shreyas Santosh Sawant        | 9th   | Shreyas       |
| 12                                                               | Rutuja Sanjay Patil           | 9th   | R. Patil      |
| 13                                                               | Vithule Pradnya Tanaji        | 9th   | Vithule       |
| 14                                                               | Chavan Kiran Prabhakar        | 9th   | K. Chavan     |
| 15                                                               | Deshmukh Dharmashri Prabhakar | 9th   | D. Deshmukh   |
| 16                                                               | Sufiya Innus Mulla            | 8th   | S. Mulla      |
| 17                                                               | vedant D. Bhosale             | 9th   | V. D. Bhosale |
| 18                                                               | Patil Sanjana Rajesh          | 9th   | Patil S.R.    |
| 19                                                               | Jadav Aranya Rakesh           | 10th  | A.S. Jadav    |
| 20                                                               | Deshmukh Dharmashri Prabhakar | 9th   | D. Deshmukh   |
| 21                                                               | Vithule Pradnya Tanaji        | 9th   | Vithule       |
| 22                                                               | Shreyash P. Patil             | 9th   | S.P. Patil    |
| 23                                                               | Mayur S. Mali                 | 9th   | M.S. Mali     |
| 24                                                               | Rohini Anil Nangare           | 9th   | R.A. Nangare  |
| 25                                                               | Anushka Jitendra Nagare       | 8th   | Anushka       |
| 26                                                               | Rutuja Sanjay Patil           | 9th   | Rutuja        |
| 27                                                               | Aryan B. Tupe                 | 9th   | A. Tupe       |





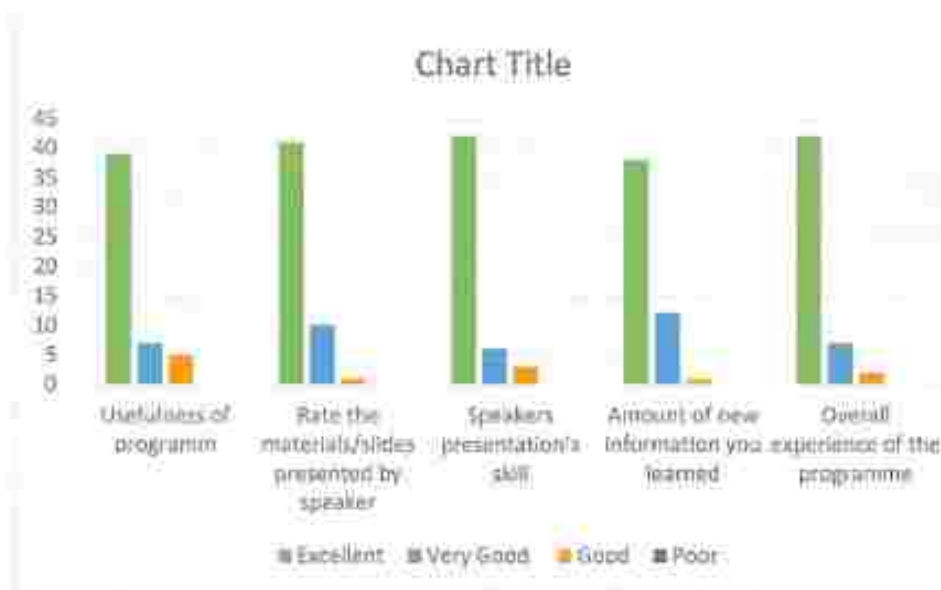
**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**

**Feedback Analysis**

**“Hygienic awareness among School Children”**

**Date: 24.12.2021**

|                                                | Excellent | Very Good | Good | Poor |
|------------------------------------------------|-----------|-----------|------|------|
| Usefulness of programme                        | 39        | 7         | 5    |      |
| Rate the materials/slides presented by speaker | 41        | 10        | 1    |      |
| Speakers presentation's skill                  | 42        | 6         | 3    |      |
| Amount of new information you learned          | 38        | 12        | 1    |      |
| Overall experience of the programme            | 42        | 7         | 2    |      |



  
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DEPARTMENT OF MICROBIOLOGY



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

**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**  
**Feedback form**

Name of the Activity- street food

Name of the Speaker- sujit sudar

Name of the Student- shrutika phanav Gaikwad

Class: 21h Roll No. .... Mobile No. ....

|                                                   | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1. Usefulness of program                          |                  | ✓                |             |                     |             |
| 2. Rate the materials/slides presented by speaker |                  |                  | ✓           |                     |             |
| 3. Speakers presentation's skill                  |                  |                  | ✓           |                     |             |
| 4. Amount of new information you learned          |                  | ✓                |             |                     |             |
| 5. Overall experience of the programme            | ✓                |                  |             |                     |             |

Any other suggestions if any NO

Date: 14/12/20

Sign. Sujit

**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**

**Feedback form**

Name of the Activity- **street food**

Name of the Speaker- **sujit sutor**

Name of the Student- **Samriddhi shahad chole**

Class- **8<sup>th</sup>** Roll No- Mobile No-

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                     |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                     |             |                     |             |
| 3 | Speakers presentation's skill                  | ✓                |                     |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                     |             |                     |             |
| 5 | Overall experience of the programme            | ✓                |                     |             |                     |             |

Any other suggestions if any- **NO**

Date: **24/12/20**

Sign- **chole**



**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**  
**Departmental Extension Activity 2022-23**

**REPORT**

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Name of the activity      | Hygienic awareness among school children                                                          |
| Date and time             | Friday, 18-11-2022; 11.00am                                                                       |
| Venue                     | Venutai Chavan English Medium School, Karad                                                       |
| Name of the department:   | Microbiology                                                                                      |
| Purpose of Program        | Awareness among the Highschool Students about Handwashing, Dental health and avoiding street food |
| Name of the Presenters:   | 1) Shreyas Swami<br>2) Pradhya Sankpal                                                            |
| Names of Guiding teachers | Smt K.A.Yadav & Smt S. A. Lohar                                                                   |
| No. of Students Attended  | 52                                                                                                |
| Program outcomes          | Implementation of good habits among students                                                      |

**Program Photo**



  
**HEAD**  
**DEPARTMENT OF MICROBIOLOGY**



  
**Principal,**  
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**Karad**

**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**

| Name of the activity - Dental Health                            |                                           |                  |           |
|-----------------------------------------------------------------|-------------------------------------------|------------------|-----------|
| Venue - Venutai Chavan English Medium School, Vidyanagar, Karad |                                           |                  |           |
| Sr No.                                                          | Name of the students                      | Class            | Signature |
| 1.                                                              | Chavan Kiran Prabhakar                    | 9 <sup>th</sup>  |           |
| 2                                                               | Mare Shrawani Satish                      | 9 <sup>th</sup>  |           |
| 3                                                               | Borge Harshada Rajendra                   | 9 <sup>th</sup>  |           |
| 4                                                               | Samrudolhi. Amarad Ghosh                  | 9 <sup>th</sup>  |           |
| 5                                                               | Sufiya Inous Mulla                        | 9 <sup>th</sup>  |           |
| 6                                                               | Aditi Anun Kharade                        | 9 <sup>th</sup>  |           |
| 7                                                               | Tanbavi Bipin Mahite                      | 9 <sup>th</sup>  |           |
| 8                                                               | Sanchita nanasaheb Dhagale                | 10 <sup>th</sup> |           |
| 9                                                               | Shreya Santosh Sawant                     | 10 <sup>th</sup> |           |
| 10                                                              | Sanjana Jnanardan Kadam                   | 10 <sup>th</sup> |           |
| 11                                                              | Shauhya Prashant Kumbale                  | 10 <sup>th</sup> |           |
| 12                                                              | Rutuja Sanjay Patil                       | 10 <sup>th</sup> |           |
| 13                                                              | Shreya Ganesh Gujar                       | 10 <sup>th</sup> |           |
| 14                                                              | Rohini Anil Wangare                       | 10 <sup>th</sup> |           |
| 15                                                              | Jadhav Aranya Satish                      | 10 <sup>th</sup> |           |
| 16                                                              | Patil Tanishka Ramesh                     | 10 <sup>th</sup> |           |
| 17                                                              | Vithule Pradnya Tanaji                    | 10 <sup>th</sup> |           |
| 18                                                              | Patil Sanjana Rajesh                      | 10 <sup>th</sup> |           |
| 19                                                              | Bagwan Zeba Firaj                         | 10 <sup>th</sup> |           |
| 20                                                              | Deshmukh Dhruvashri Prabha <sup>kar</sup> | 10 <sup>th</sup> |           |
| 21                                                              | Madhura Dattatray Bhosale                 | 9 <sup>th</sup>  |           |
| 22                                                              | Aditi Navanath Karande                    | 9 <sup>th</sup>  |           |
| 23                                                              | Mansi Manik Nalawade                      | 9 <sup>th</sup>  |           |
| 24                                                              | Vaidhahi Vijay Potdar                     | 9 <sup>th</sup>  |           |
| 25                                                              | Anushka Jitendra magare                   | 9 <sup>th</sup>  |           |
| 26                                                              | Tanishka Yuvraj Galpagaonkar              | 9 <sup>th</sup>  |           |
| 27                                                              | Aditi Sanjay Patil                        | 9 <sup>th</sup>  |           |





**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**

| Name of the activity - Handwashing- Healthy Habbit              |                          |                  |            |
|-----------------------------------------------------------------|--------------------------|------------------|------------|
| Venue - Venutai Chavan English Medium School, Vidyanagar, Karad |                          |                  |            |
| Sr No.                                                          | Name of the students     | Class            | Signature  |
| 1                                                               | Aditi Narnath Karande    | 9 <sup>th</sup>  | Karande    |
| 2                                                               | Madhura Dattatray        | 9 <sup>th</sup>  | M.Bhasale  |
| 3                                                               | Mansi Manik Nalawade     | 9 <sup>th</sup>  | M.Nalawade |
| 4                                                               | Vaidhahi Vijay Potdar    | 9 <sup>th</sup>  | Potdar     |
| 5                                                               | Anushka Jitendra Magare  | 9 <sup>th</sup>  | Asmagare   |
| 6                                                               | Shruti Dhanaji Gaikwad   | 9 <sup>th</sup>  | Gaikwad    |
| 7                                                               | Tanishka Yuvraj Gotpagar | 9 <sup>th</sup>  | Gotpagar   |
| 8                                                               | Aditi Sanjay Patil       | 9 <sup>th</sup>  | Aditi P    |
| 9                                                               | Aryan Laxman Wadkar      | 9 <sup>th</sup>  | ALW        |
| 10                                                              | Nirbhay Jadhav           | 9 <sup>th</sup>  | Jadhav     |
| 11                                                              | Sohan S. Gade            | 10 <sup>th</sup> | Sohangade  |
| 12                                                              | Nikhil S. Patil          | 10 <sup>th</sup> | Nikhil     |
| 13                                                              | Shreyash P. Patil        | 10 <sup>th</sup> | S.Patil    |
| 14                                                              | Rohan R. Patil           | 10 <sup>th</sup> | Rpatil     |
| 15                                                              | Bajram B. Chavan         | 10 <sup>th</sup> | Bhavan     |
| 16                                                              | Archit R. Pawar          | 10 <sup>th</sup> | Archit     |
| 17                                                              | Harshvardhan V. Pawar    | 10 <sup>th</sup> | HPawar     |
| 18                                                              | Milansh Shikish Padar    | 10 <sup>th</sup> | Shikish    |
| 19                                                              | Mayur S. Pali            | 10 <sup>th</sup> | M.S.Pali   |
| 20                                                              | Atharv V. Nalawade       | 10 <sup>th</sup> | Atharv     |
| 21                                                              | Vedant D. Bhasle         | 10 <sup>th</sup> | Vedant     |
| 22                                                              | Atharv R. Chavan         | 10 <sup>th</sup> | Atharv     |
| 23                                                              | Vignesh T. Vandkar       | 10 <sup>th</sup> | Vignesh    |
| 24                                                              | Aryan B. Tupte           | 10 <sup>th</sup> | ABTupte    |
| 25                                                              | Atharva S. Jadhav        | 10 <sup>th</sup> | Atharva    |



**HEAD**  
**DEPARTMENT OF MICROBIOLOGY**

**Yashwantrao Chavan College of Science, Karad**  
**Department of Microbiology**

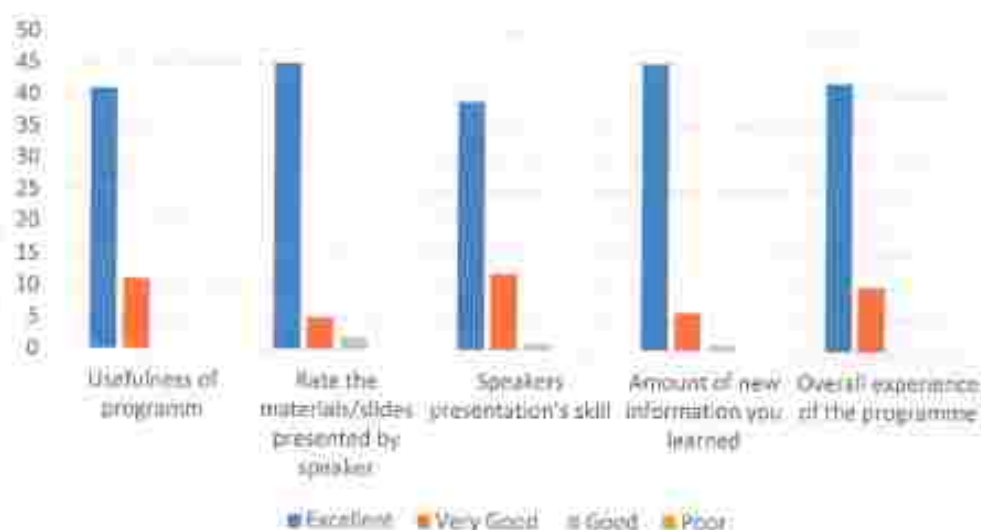
**Feedback Analysis**

**“Hygienic awareness among School Children”**

**Date : 18.11.2022**

|                                                | Excellent | Very Good | Good | Poor |
|------------------------------------------------|-----------|-----------|------|------|
| Usefulness of program                          | 41        | 11        |      |      |
| Rate the materials/slides presented by speaker | 45        | 5         | 2    |      |
| Speakers presentation's skill                  | 39        | 12        | 1    |      |
| Amount of new information you learned          | 45        | 6         | 1    |      |
| Overall experience of the programme            | 42        | 10        |      |      |

Chart Title



  
**HEAD**  
**DEPARTMENT OF MICROBIOLOGY**



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

Feedback form

Name of the Activity- Dental Health

Name of the Speaker -

Name of the Student: Vithale Pradnya Tanaji

Class: 10<sup>th</sup> Roll No. 33 Mobile No. ....

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                     |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                     |             |                     |             |
| 3 | Speakers presentation's skill                  | ✓                |                     |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                     |             |                     |             |
| 5 | Overall experience of the programme            | ✓                |                     |             |                     |             |

Any other suggestions if any.....

Date:

Sign.

P. Vithale



Name of the Activity- Departmental extension  
Name of the Speaker - Shreyas Swami & Pradya Sankpal (B.Sc II)  
Name of the Student- Atharv Rangrao Chavan

Class- 10th Roll No. 03 Mobile No.

|   |                                                | Excellent<br>(5) | Very<br>Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|---------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          |                  | ✓                   |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                     |             |                     |             |
| 3 | Speakers presentation's skill                  |                  | ✓                   |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                     |             |                     |             |
| 5 | Overall experience of the programme            |                  | ✓                   |             |                     |             |

Any other suggestions if any

Date: 18-11-2022

Sign: Atharv Chavan

**Yashwantrao Chavan College of Science, Karad.**  
**Medical Health Checkup Of Staff And Female Students**  
**REPORT**

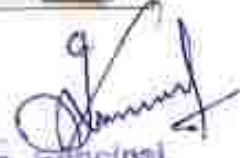
|                                      |                                                                                                                                                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the activity:                | Social work on the occasion of birthday of<br>MLA Shri Balasaheb Patil                                                                            |
| Date and time                        | Friday, 28-07-2023, 11.00pm                                                                                                                       |
| Name of the department:              | Microbiology                                                                                                                                      |
| Purpose of Program                   | Awareness about health and medical fitness                                                                                                        |
| Chief Guest/Speaker with designation | Principal Dr. S. B. Kengar sir<br>Dr. Sharayu Pujari<br>Primary health Centre, Sadashivgad<br>Dr. Pratibha Kanuse<br>Private health Centre, Karad |
| No. of Students Participated         | 34                                                                                                                                                |
| No. of Teachers Participated         | 32                                                                                                                                                |
| Program outcomes                     | Many females got an information regarding<br>their health issues.                                                                                 |

**Program Photo**



  
**HEAD**  
 DEPARTMENT OF MICROBIOLOGY



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

**Yashwantrao Chavan College of Science, Karad**  
**Department Of Microbiology**  
**Medical health checkup of staff and female students**

28-07-2023

| Sr. No | Name Of the Teachers        |
|--------|-----------------------------|
| 1      | Sita Mruti Mane             |
| 2      | Manisha vijay Vibhute       |
| 3      | Mina Pundalik Sarvade       |
| 4      | Nandini Pramod Pujari       |
| 5      | Sampada Sudam Shinde        |
| 6      | Sandhya Sangram Nalawade    |
| 7      | Sunita Ashok Iohar          |
| 8      | Suvarna Nilesh Pawar        |
| 9      | Archana Sachinkumar Mahadik |
| 10     | Sarika Thorat               |
| 11     | Rupali Atul Kadam           |
| 12     | Sarala Pralhad Patil        |
| 13     | Pranjali Dattatray Nikam    |
| 14     | Pratibha Anu Salunkhe       |
| 15     | Aishwarya Shamsundar Londe  |
| 16     | Ashwini Vaibhav Nalawade    |
| 17     | Seema Shivaaji Naikvadi     |
| 18     | Vijay Ranjit Pawar          |
| 19     | Snehal Uttam Patil          |
| 20     | Rohini Satish Patil         |
| 21     | Vaishali Vaibhav Kanase     |
| 22     | Priyanka Narayan Jadhav     |
| 23     | Nsarin Balekhan Aattar      |
| 24     | Shital Ramchandra Kambale   |
| 25     | Sayli Bagal                 |
| 26     | Manisha Bhoj                |
| 27     | Sindhu Baburao Thorawade    |
| 28     | Rekha Hiraji Bhise          |
| 29     | Neeta Vasant Nikam          |
| 30     | Ashatai Sopanrao Kale       |
| 31     | Manisha Arjun Pujari        |
| 32     | Dadasaheb Ankush Kashid     |
|        |                             |



**HEAD**  
**DEPARTMENT OF MICROBIOLOGY**

**Yahwantrao Chavan College Of Science, Karad**

**Department of Microbiology**

**Medical health checkup of staff and female students**

28-07-2023

| Sr.No | Name of Students           |
|-------|----------------------------|
| 1     | Sandhya Pandurang Desai    |
| 2     | Anuradha Ashok Jagtap      |
| 3     | Durva Amarsih Thorat       |
| 4     | Pradhya Rajendr Charvan    |
| 5     | Utkarsha Rajesh Patil      |
| 6     | Pratiksha Danaji Pisal     |
| 7     | Vaishali Dilip Ravrane     |
| 8     | Aarati Shankar Kambale     |
| 9     | Sayli Dombale              |
| 10    | Pooja Arun Surve           |
| 11    | Aanushka Kishor Khot       |
| 12    | Harshda Kishor Shinde      |
| 13    | Karina Rashid Shaikh       |
| 14    | Sayali Kolhapure           |
| 15    | Panya Ganpat Sankpal       |
| 16    | Durva Arvind Pail          |
| 17    | Snehal Mohan Chavan        |
| 18    | Heena Mhamul Sayyad        |
| 19    | Madhuri Anil Suryavanshi   |
| 20    | Nikita Pradip Koli         |
| 21    | Pranali Arun Deshpande     |
| 22    | Sakshi Sambhaji Patil      |
| 27    | Mohini Mansing Yadav       |
| 28    | Dhanshri Mahadev Karpe     |
| 29    | Supriya Lakhan Gaikwad     |
| 30    | Vaibhavi Sawavnt           |
| 31    | Sandhya Pandurang Desai    |
| 32    | Ashatai Sopanrao Kale      |
| 33    | Rupali Atul Kadam          |
| 34    | Aishwarya Shamsunder Londe |
|       |                            |



**HEAD**  
**DEPARTMENT OF MICROBIOLOGY**



PATIENT ID : 29P05230016706  
PATIENT NAME : ASHTAI SOPANRAO KALE  
REF. BY DOCTOR : M.O. SADASHIVGAD  
FACILITY NAME : SADASHIVGAD IPHS(24X7)



REG. LAB : KARAD

AGE/SEX : 52 YEAR / FEMALE  
SAMPLE COLL. DATE : 28/07/2023 03:21PM  
REG. DATE/TIME : 28/07/2023 03:58PM  
REPORT DATE/TIME : 31/07/2023 10:25PM

## CANCER & TUMOR MARKER

| Investigation   | Result | Units | Bio. Ref. Interval |
|-----------------|--------|-------|--------------------|
| Serum - CA 19.9 | : 2    | U/ml  | Negative < 35      |

- Sample Type : Serum
- Method: CLIA

### • Clinical Significance:

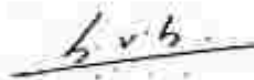
CA 19-9 is elevated in most patients with advanced Pancreatic Cancer, But it may also be elevated in other cancers, conditions, and diseases such as Colorectal cancer, Lung Cancer, Gall Bladder Cancer, Gallstones, Pancreatitis, Cystic Fibrosis, and Liver Disease. Bile duct obstruction may also cause very high CA 19-9 levels. Very small amounts of CA 19-9 may also be found in healthy patients.

- For Diagnostic Purpose, Results should always be assessed in conjunction with the patients medical history, Clinical Examination and other findings.
- Please correlate with clinical conditions.

--End Of Report--

PROCESSED AT HINDLABS KHARGHAR

174, Budhwar Peth Karad, Near Karad Nagar Parishad, Karad, Satara-415110  
Patient Registration Code: 4823522323

  
Dr. Swapnil Sirmukaddam  
M.D. D.N.B (PATH)

PATIENT ID : 29P05230016717



REG. LAB : KARAD

PATIENT NAME : SANDHYA PANDURANG DESAI

AGE/SEX : 21 YEAR / FEMALE

REF. BY DOCTOR : M.O. SADASHIVGAD

SAMPLE COLL. DATE : 29/07/2023 03:12PM

FACILITY NAME : SADASHIVGAD IPHS(24X7)

REG. DATE/TIME : 29/07/2023 03:52PM

REPORT DATE/TIME : 29/07/2023 04:07PM

## COMPLETE BLOOD COUNT

| Investigation              | Result  | Units         | Big. Ref. Interval |
|----------------------------|---------|---------------|--------------------|
| Hemoglobin (Hb)            | : 13.4  | gm/dl         | 12 - 15            |
| Total RBC Count            | : 3.95  | Millions/Cumm | 3.8 - 4.8          |
| PCV                        | : 40.1  | %             | 40 - 50            |
| MCV                        | : 101.6 | fL            | 83 - 101           |
| MCH                        | : 33.9  | Pg            | 27 - 32            |
| MCHC                       | : 33.3  | g/dL          | 31.5 - 34.5        |
| RDW-CV                     | : 14.6  | %             | 11.6 - 14.0        |
| Total Leucocyte Count(TLC) | : 10410 | Cells/Cumm    | 4000 - 10000       |
| <b>DIFFERENTIAL COUNT</b>  |         |               |                    |
| Polymorphs                 | : 75    | %             | 40 - 80            |
| Lymphocytes                | : 18    | %             | 20 - 40            |
| Monocytes                  | : 05    | %             | 2 - 10             |
| Eosinophils                | : 02    | %             | 1 - 6              |
| Basophils                  | : 00    | %             | 0 - 2              |
| Platelet Count             | : 3.95  | Lakhs/Cumm    | 1.5 - 4.1          |

- Sample Type: EDTA Whole Blood.
- Method: Fully-automated Hematology analyzer.
- Hb: Colorimetric, Total WBC: Impedence, Diff count: Calculated.RBC: Impedence
- HCT,MCV,MCHC,RDW-CV calculated. Platelets: Impedence Method.

**--End Of Report--**

**Mr. Dr. Sushant Mohite**  
M.D. PATHOLOGY



# Yashwantrao Chavan College of Science, Karad

## ACTIVITY REPORT

|                                          |                                                                                                                                             |                  |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Name of the Department: computer science |                                                                                                                                             | Date- 13.09.2022 |
| Name of the activity                     | Awareness of computer at school                                                                                                             |                  |
| Venue                                    | Venutai English Medium School, Karad                                                                                                        |                  |
| Purpose of Program                       | To aware student about the computer technology and different computer operating process                                                     |                  |
| No. of Students Participated             | 30                                                                                                                                          |                  |
| No. of Teachers Participated             | 05                                                                                                                                          |                  |
| Program outcomes                         | This program brought awareness to the students and parents about the computer Technology and different processes operating on the computer. |                  |
| Program Photo                            |                                                                                                                                             |                  |

Head of the Department  
Department of Computer Science  
Yashwantrao Chavan College of Science  
Karad

Co-ordinator,  
Internal Quality Assurance Cell (IQAC),  
Yashwantrao Chavan College  
of Science, Karad

Principal  
Yashwantrao Chavan College of Science,  
Karad





"Be one with the downtrodden and the underprivileged"

Shri Shivaji Education Society, Karad's Board for Higher Education's

**VENUTAI ENGLISH MEDIUM SCHOOL, KARAD**

सा. क्र. २९.०२.११९



Ref. No.: 2021-22

Date: 13.09.2022

To,

Head Department of Computer Science

Yashwantrao Chavan College of Science, Karad



**Subject:** Gratitude for "Creating Awareness of Computer Science at School" Program

Dear HOD,

I am writing this letter to extend our heartfelt gratitude for your cooperation and support towards the "Creating Awareness of Computer at School" program organized by the Computer Science department of Yashwantrao Chavan College of Science, Karad. The efforts put forth by the teachers and staff from our college, in teaching the students about Computer in day to day life are truly commendable. Such initiatives play a crucial role in nurturing the interest of students in the field of Computer Science and fostering a deeper understanding of basic concepts among them.

Once again, we express our sincere gratitude for your teachers regarding this activity were conducted for class 8th standard on, 13 September, 2022. The 30 students from 8 class benefited from this activity.

Thank you

Warm Regards

**Principal**

Yashwantrao Chavan College of Science  
Karad

**Headmistress**

Venutai English Medium School  
Vidyanagar-Banawadi, Karad

Vidyanagar-Banawadi, Tal. Karad - 415 124 Dist. Satara (Maharashtra)

E-mail : vemskarad2007@gmail.com | Office : ☎ (02164) 271556 & 9130004556





# Yashwantrao Chavan College of Science, Karad

## Department of Computer Science

Extension Activity 2021-22

"Awareness of Computer at School"

### Attendance Sheet

| Sr.No. | Name of Student               | Class            | Signature   |
|--------|-------------------------------|------------------|-------------|
| 1      | Tupe vishal sombhaji          | 8 <sup>th</sup>  | V.S.Tupe.   |
| 2      | Grade sohan suhas             | 8 <sup>th</sup>  | Jadhav.AS   |
| 3      | Jadhav Aarya Salish           | 8 <sup>th</sup>  | Jadhav      |
| 4      | chavan prajanan Balaso        | 8 <sup>th</sup>  | c.Prajanan. |
| 5      | Nalwade Atharav Prakash       | 8 <sup>th</sup>  | Nalwade     |
| 6      | Kadam sanjana                 | 8 <sup>th</sup>  | Kadam       |
| 7      | Nangare Rohini Anil           | 8 <sup>th</sup>  | RNangare    |
| 8      | Bagwan zeba firoj             | 8 <sup>th</sup>  | Firoj       |
| 9      | Ghodake poithvi Uttam         | 8 <sup>th</sup>  | P. U. G     |
| 10     | Patil nikhil sohas            | 8 <sup>th</sup>  | Patil.N.S   |
| 11     | Patil Rohan Rajendrak         | 11 <sup>th</sup> | Patil       |
| 12     | chavan Atharav Rangrao        | 8 <sup>th</sup>  | Atharav     |
| 13     | Salunkhe aditya rajun         | 11 <sup>th</sup> | Salunkhe    |
| 14     | Kamble Shrawga parashant      | 8 <sup>th</sup>  | KShrawga    |
| 15     | Pawar kedar shashikant        | 11 <sup>th</sup> | P. K. S     |
| 16     | Deshmukh Dhanashree Prabhakar | 11 <sup>th</sup> | D.Deshmukh  |
| 17     | Gajjar Shreya Ganesh          | 11 <sup>th</sup> | S. G. G     |
| 18     | Patil Rutuja Ganay            | 11 <sup>th</sup> | Rutuja      |
| 19     | Sharma Hemant Narendra        | 11 <sup>th</sup> | N.S.H.      |



## Yashwantrao Chavan College of Science, Karad

Department of Computer Science

Extension Activity 2021-22

"Awareness of computer at school"

## Attendance Sheet

[illegible]

Head

Department of Computer Science  
Yashwantrao Chavan College of Science  
Karad



**Principal**  
Yashwantrao Chavan College of Science  
Karad

**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity- 2021-22**  
**"Awareness of Computer"**



**Feedback Form**

Name of the Student: padil Rohan Rajendra  
Class: 8th Roll No: 811 Mobile No: 9320212460

|                                                  | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|--------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 Rate the materials/slides presented by speaker | ✓                |                  |             |                     |             |
| 3 Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 Overall experience of the program              |                  | ✓                |             |                     |             |

Any other suggestions if any .....

Date: 13/09/2022

Sign: Padil

Principal  
Yashwantrao Chavan College of Science  
Karad

**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity- 2021-22**  
**"Awareness of Computer"**



**Feedback Form**

Name of the Student: Tupe Vishal Sombhaji  
 Class: 8<sup>th</sup> Roll No: 301 Mobile No: 9522151820

|   |                                                | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          |                  | ✓                |             |                     |             |
| 2 | Rate the materials/slides presented by speaker |                  | ✓                |             |                     |             |
| 3 | Speakers presentation skill                    |                  | ✓                |             |                     |             |
| 4 | Amount of new information you learned          |                  | ✓                |             |                     |             |
| 5 | Overall experience of the program              |                  | ✓                |             |                     |             |

Any other suggestions if any: .....

Date: 13/09/2022

Sign: V.S. Tupe

Principal

Yashwantrao Chavan College of Science  
 Karad



**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity- 2021-22**  
**"Awareness of Computer"**



**Feedback Form**

Name of the Student: Nangare Rohini Anil

Class: 8th Roll No: 8077 Mobile No: .....

|   |                                                | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                  |             |                     |             |
| 3 | Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 | Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any: .....

Date: 13/09/2022 Sign: R. Nangare

Principal

Yashwantrao Chavan College of Science  
Karad

**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity- 2021-22**  
**"Awareness of Computer"**



**Feedback Form**

Name of the Student: Patil Nikhil Subas  
Class: 8<sup>th</sup> Roll No: 818 Mobile No: 9970821220

|   |                                                | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                  |             |                     |             |
| 3 | Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 | Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any: .....

Date: 13/09/2022 Sign: Pati N.S

Principal

Yashwantrao Chavan College of Science  
Karad



**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity- 2021-22**  
**"Awareness of Computer"**

**Feedback Form**

Name of the Student: Jadhav Anaya Satish  
Class: 8th Roll No: 803 Mobile No: 7219672006

|                                                  | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|--------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 Rate the materials/slides presented by speaker | ✓                |                  |             |                     |             |
| 3 Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any.....

Date: 13/09/2022

Signature

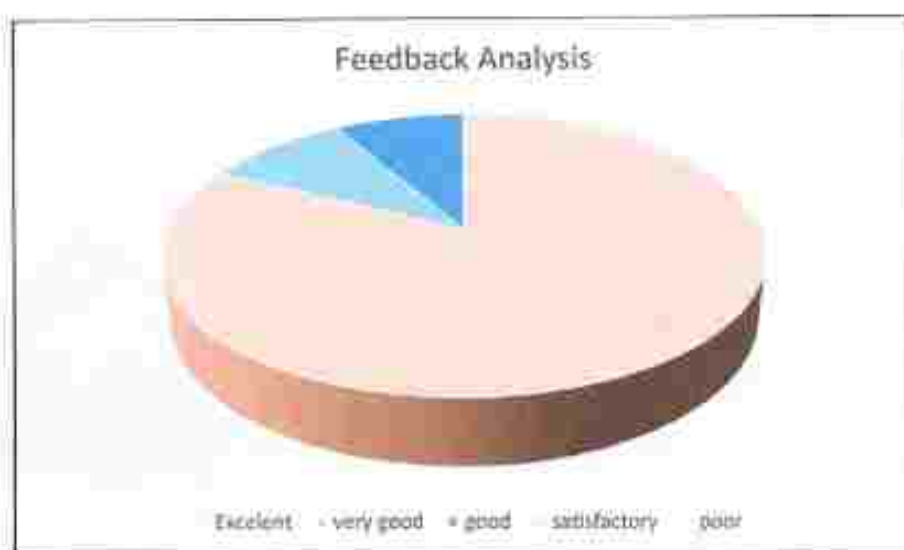
Principal

Yashwantrao Chavan College of Science  
Karad

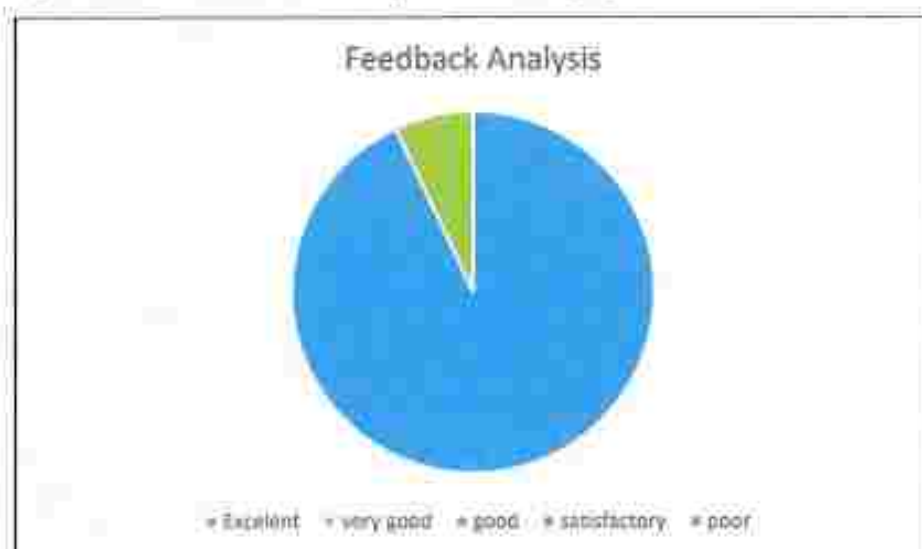
### Feedback Analysis :

"Awareness of computer"

1) Usefulness of program

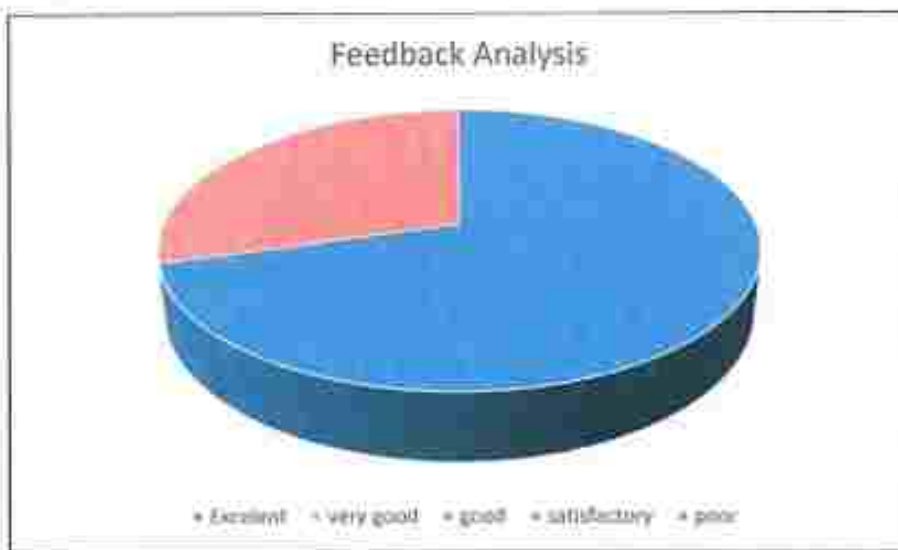


2) Rate the material /slides presented by speaker

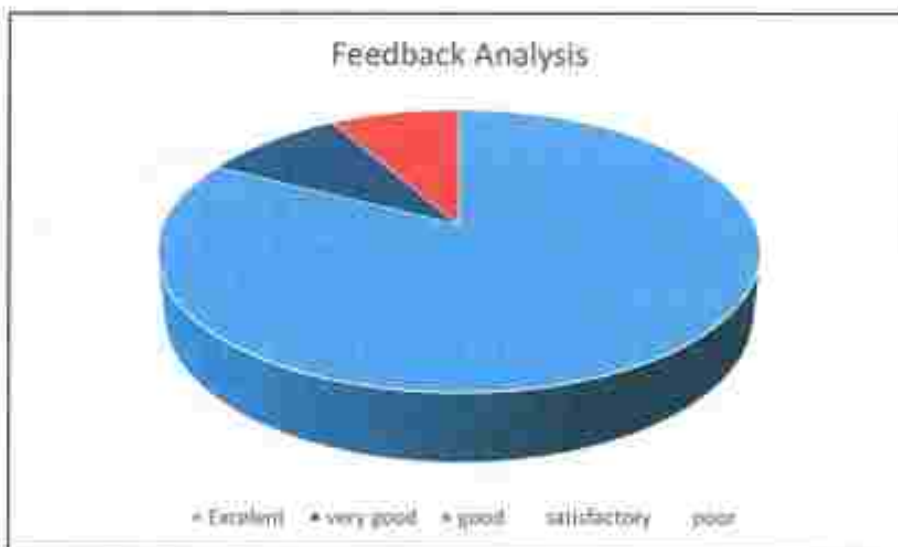




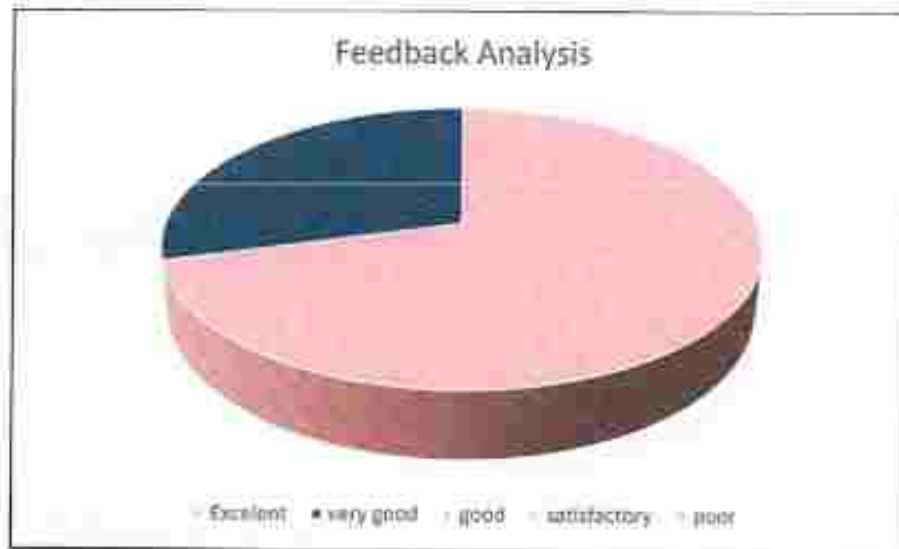
### 3) Speaker presentation skill



### 4) Amount of new Information you learned



5) Overall experience of the program



  
**Head**  
Department of Computer Science  
Yashwantrao Chavan College of Science  
Karad

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

# Yashwantrao Chavan College of Science, Karad

## ACTIVITY REPORT



|                                          |                                                                                                               |                  |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------|
| Name of the Department: Computer Science |                                                                                                               | Date- 12.01.2023 |
| Name of the activity                     | Awareness against getting hacked.                                                                             |                  |
| Venue                                    | Venutai Chavan College, Karad                                                                                 |                  |
| Purpose of Program                       | To aware student about the incredible power of technology that can be misused to steal data and create spam.  |                  |
| No. of Students Participated             | 25                                                                                                            |                  |
| No. of Teachers Participated             | 02                                                                                                            |                  |
| Program outcomes                         | This program brought awareness to the students on how not to share relevant information which can be misused. |                  |
| Program Photo                            |                                                                                                               |                  |

Head of the Department

Department of Computer Science  
Yashwantrao Chavan College of Science  
Karad

Co-ordinator,

Internal Quality Assurance Cell (IQAC),  
Yashwantrao Chavan College  
of Science, Karad

Principal

Yashwantrao Chavan College of Science  
Karad

Estd. - 1st May, 1971

|| Be one with the downtrodden and the underprivileged ||

Shri Shivaji Education Society, Vidyanagar, Karad's  
Board For Higher Education Vidyanagar, Karad.

**VENUTAI CHAVAN COLLEGE, KARAD**

**वेणूताई चव्हाण कॉलेज, कराड**

Affiliated to Shivaji University, Kolhapur

Jr. College - UDISE Code - 27310207714, Index No J. 21-02-001 (Arts & Com.) J. 21-02-001 (MCVC)

Accredited "B" Grade (J' Cycle) by NAAC, Bengaluru

An ISO 9001:2015 Certified College CR. NO. 202002M001 GS



- Address : Vidyanagar, Karad, Dist. Satara (Maharashtra) Pin : 415 124
- Phone : (02164) 271619, 271119
- Email : principalvcck@gmail.com  
vcck157.cl@unishivaji.ac.in
- Website : www.vcckarad.com

23005A-17A0A-0PW

Ref NO HD/2022-2023

Date 12.01.2023

To,

Head Department of Computer Science

Yashwantrao Chavan College of Science, Karad.



Subject: Gratitude for "Awareness against getting hacked" Program

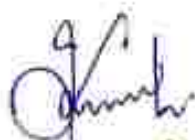
Dear HOD,

I am writing this letter to extend our heartfelt gratitude for your cooperation and support towards the "Awareness against getting hacked" program organized by the Computer Science department of Yashwantrao Chavan College of Science, Karad. The efforts put forth by the teachers and staff from our college, in teaching the students about Computer Science in day to day life are truly commendable. Such initiatives play a crucial role in nurturing the interest of students in the field of Computer Science and fostering a deeper understanding of basic concepts among them.

Once again, we express our sincere gratitude for your teachers regarding this activity were conducted on, 12 January 2023. The 25 students from T.Y B.Com benefited from this activity.

Thank you

Warm Regards.

  
Principal

Yashwantrao Chavan College of Science  
Karad

  
Ag. Principal  
Venutai Chavan College,  
Karad





# Yashwantrao Chavan College of Science, Karad

## Department of Computer Science

Extension Activity 2022-23

"Awareness against getting hacked"

### Attendance Sheet

| Sr.No. | Name of Student           | Class     | Signature         |
|--------|---------------------------|-----------|-------------------|
| 1.     | Chavan Pratiksha Rajendra | Ty. Bcom. | <u>Chavan</u>     |
| 2.     | Desai Nikita Nandkumar    | -11-      | <u>Nika</u>       |
| 3.     | Bhosale Sairaj Nivas      | -11-      | <u>SABhosale</u>  |
| 4.     | Gurav Sanjana Sanjay      | -11-      | <u>Gurav</u>      |
| 5.     | Jadhav Aniket Ramrao      | -11-      | <u>Asadhav</u>    |
| 6.     | Jadhav Nilima Dilip       | -11-      | <u>Nilima</u>     |
| 7.     | Dubal Aishwarya Sunil     | -11-      | <u>adubal</u>     |
| 8.     | Gaikwad Mansi Manali      | -11-      | <u>mansig</u>     |
| 9.     | Chavan Rohit Rajaram      | -11-      | <u>R.R.Chavan</u> |
| 10.    | Jagtap Swarali Santosh    | -11-      | <u>Jagtap</u>     |
| 11.    | Kadam Aditya Jalindar     | -11-      | <u>K.A.J</u>      |
| 12.    | Chavan Nikhil Nivas       | -11-      | <u>C.M.Chavan</u> |
| 13.    | More Mandar Lakshum       | -11-      | <u>M.M.More</u>   |
| 14.    | Kadam Ankita Dyander      | -11-      | <u>adk</u>        |
| 15.    | Nalawade Mayur Ashok      | -11-      | <u>Mayur</u>      |
| 16.    | Pawar Rohan Anil          | -11-      | <u>Pawar</u>      |
| 17.    | Patil Vaishnavi Rajendra  | -11-      | <u>V.P.</u>       |
| 18.    | Mane Mandar Mahesh        | -11-      | <u>Mane</u>       |
| 19.    | Nalwade Mangesh Sunil     | -11-      | <u>Nalwade</u>    |



## Yashwantrao Chavan College of Science, Karad

Department of Computer Science

Extension Activity 2022-23

**"Awareness against getting hacked!"**

## Attendance Sheet

[illegible]

Head  
Department of Computer Science  
Yashwantrao Chavan College of Science  
Karad

  
Principal

Principal  
Yashwantrao Chavan College of Science, Karad

**Yashwantrao Chavan College of Science, Karad**

**Extension Activity- 2022-23**

**"Awareness Against Getting Hacked"**

**Feedback Form**



Name of the Student: Gurav Sanjana Sanjay Mobile No. 880777285  
Class: B.COM. III Roll No. 1746

|   |                                                | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 | Rate the materials/slides presented by speaker |                  | ✓                |             |                     |             |
| 3 | Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 | Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any: .....

Date: 12/01/2023

Sign: Sanjay

Principal

Yashwantrao Chavan College of Science  
Karad

Yashwantrao Chavan College of Science, Karad

Extension Activity- 2022-23

"Awareness Against Getting Hacked"

Feedback Form

Name of the Student: Chavan pratiksha Rajendra

Class: ACOM III Roll No: 1718 Mobile No: 890899046



|   |                                                | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 | Rate the materials/slides presented by speaker |                  | ✓                |             |                     |             |
| 3 | Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 | Amount of new information you learned          |                  | ✓                |             |                     |             |
| 5 | Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any.....

Date: 12/01/2023

Sign: Chavan

Principal

Yashwantrao Chavan College of Science  
Karad



Yashwantrao Chavan College of Science, Karad

Extension Activity- 2022-23

"Awareness Against Getting Hacked"



Feedback Form

Name of the Student: Muse munda

Laxman

Class: B.COM III Roll No. 1833

Mobile No. 7371678026

|   |                                                | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                  |             |                     |             |
| 3 | Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 | Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any

Date: 12/01/2023

Sign.

muse.m.l

Principal

Yashwantrao Chavan College of Science  
Karad

**Yashwantrao Chavan College of Science, Karad**

**Extension Activity- 2022-23**

**"Awareness Against Getting Hacked"**



**Feedback Form**

Name of the Student: **Kadam Ankita Dyandev**

Class: **B.COM III** Roll No: **1792** Mobile No: **7058242800**

|   |                                                | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|---|------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 | Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 | Rate the materials/slides presented by speaker | ✓                |                  |             |                     |             |
| 3 | Speakers presentation skill                    | ✓                |                  |             |                     |             |
| 4 | Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 | Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any.....

Date: 12/01/2023

*[Signature]*  
Principal

Yashwantrao Chavan College of Science  
Karad

Sign: *[Signature]*

**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity- 2022-23**  
**"Awareness Against Getting Hacked"**



**Feedback Form**

Name of the Student: Mahawade Manu Ashok  
Class: B.COM III Roll No. 1847 Mobile No. 9767801570

|                                                  | Excellent<br>(5) | Very Good<br>(4) | Good<br>(3) | Satisfactory<br>(2) | Poor<br>(1) |
|--------------------------------------------------|------------------|------------------|-------------|---------------------|-------------|
| 1 Usefulness of program                          | ✓                |                  |             |                     |             |
| 2 Rate the materials/slides presented by speaker | ✓                |                  |             |                     |             |
| 3 Speakers presentation skill                    |                  | ✓                |             |                     |             |
| 4 Amount of new information you learned          | ✓                |                  |             |                     |             |
| 5 Overall experience of the program              | ✓                |                  |             |                     |             |

Any other suggestions if any.....

Date: 12/01/2023

Principal

Yashwantrao Chavan College of Science  
Karad

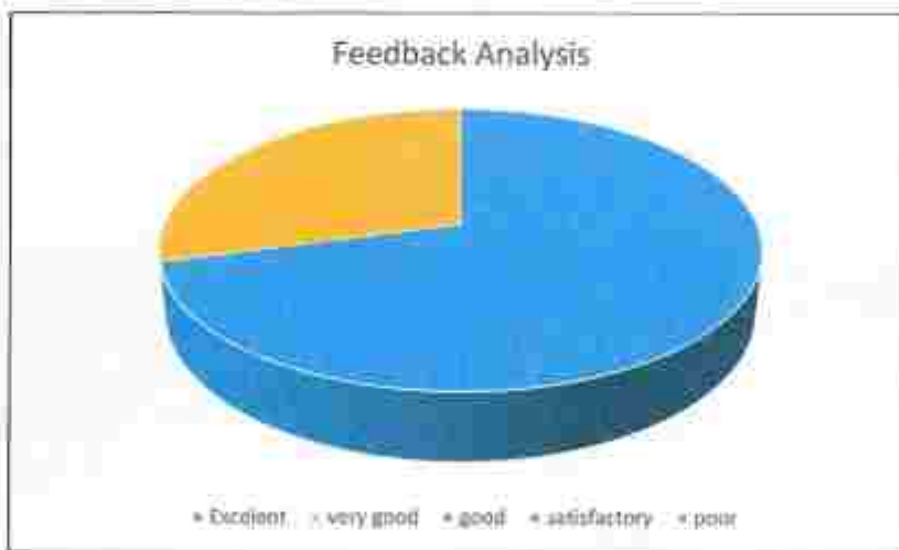
Signature

Manu

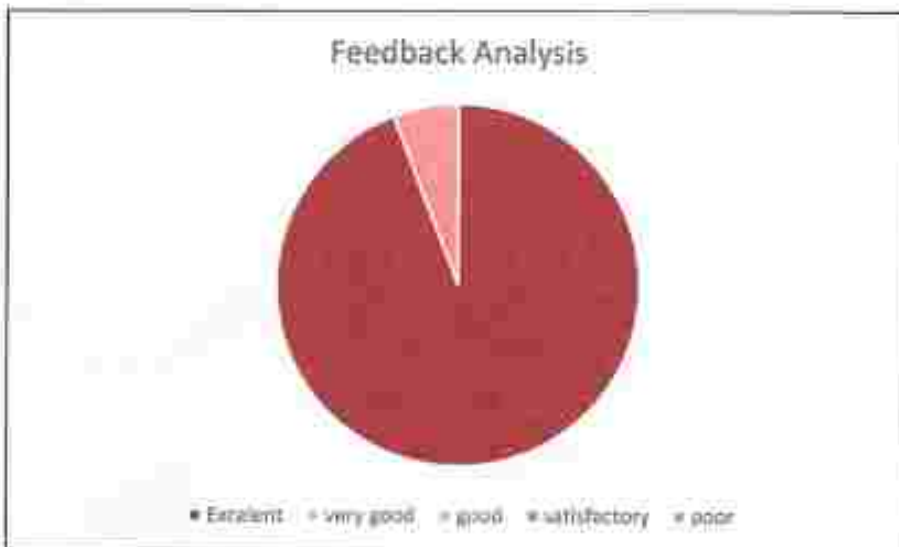
### Feedback Analysis :

"Awareness Against Getting Hacked "

1) Usefulness of program

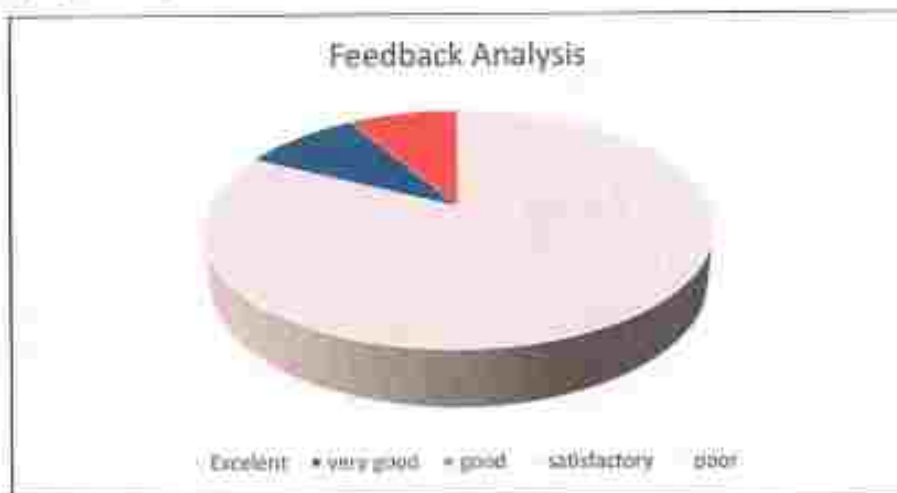


2) Rate the material /slides presented by speaker

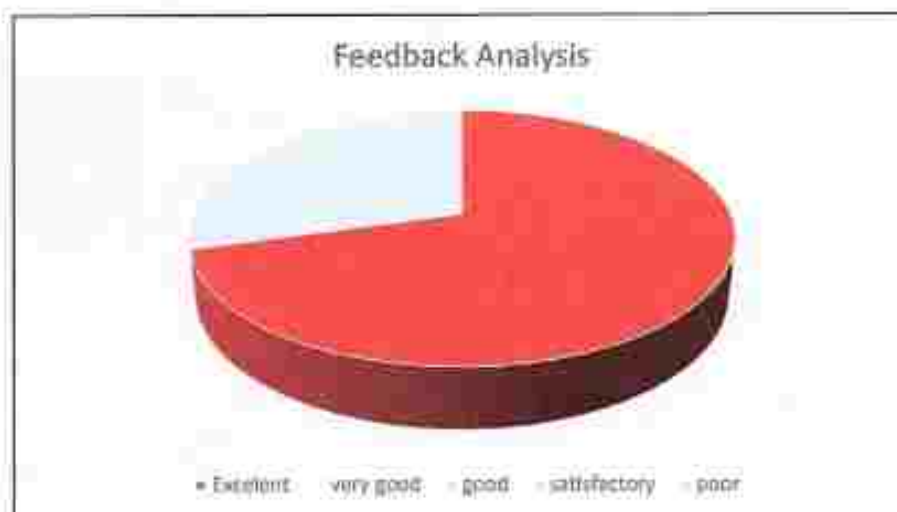




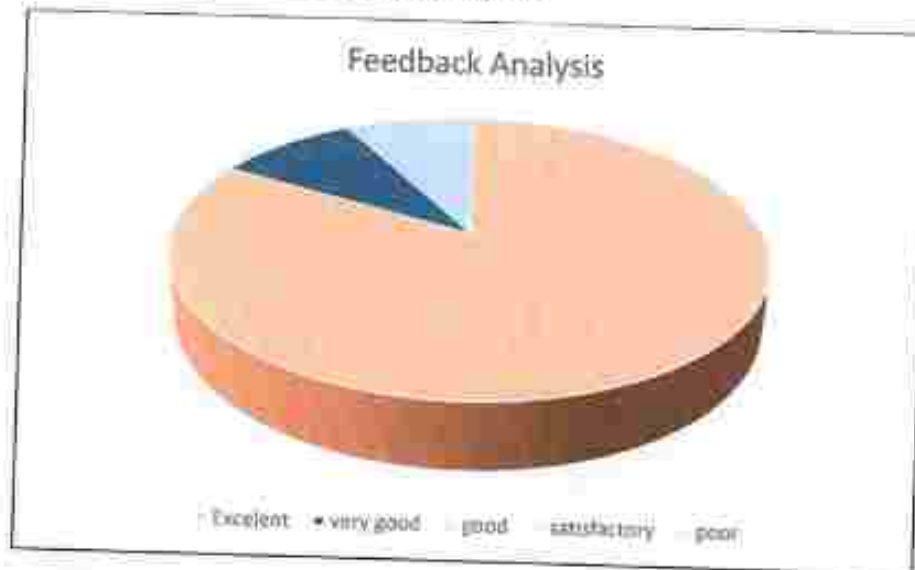
### 3) Speaker presentation skill



### 4) Amount of new Information you learned



5) Overall experience of the program



**Head**  
**Department of Computer Science**  
Yashwantrao Chavan College of Science  
Karad

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

## YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

### Activity Report, 2022-23

|                          |                                                                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the Department   | IQAC and Eco Club                                                                                                                                                     |
| Title of the activity    | Visit to Ganesh Mandle's and Appeal to Celebrate "Eco-friendly Ganesh Utsav"                                                                                          |
| Date                     | 13 <sup>th</sup> to 20 <sup>th</sup> Sep. 2022                                                                                                                        |
| No. of Participant       | 17                                                                                                                                                                    |
| Outcome/Success achieved | Awareness among the peoples about "use of eco-friendly Ganesh idol, no use of Thermocol, Limited use of Electricity, Sound limit etc. for pollution free Green Earth" |



  
Program In-charge

  
IQAC Coordinator  
Co-ordinator,  
Internal Quality Assurance Cell (IQAC),  
Yashwantrao Chavan College  
of Science, Karad

  
Principal  
Principal  
Yashwantrao Chavan College  
of Science, Karad



॥ जे का रंजले गांजले । त्यांसी करुया आपले ॥

श्री शिवाजी शिक्षण संस्था कराडच्या उच्च शिक्षण मंडळाचे  
यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कराड  
इको क्लब उपक्रम

गणेश भक्तांना पर्यावरण रक्षणासाठी विनम्र आवाहन  
हे करा

- आयह धरा मातोच्या गणेशमूर्तीचा
- पूजा साहित्य (निर्माल्य) दान करा किंवा  
पूजा साहित्य, विसर्जन ठिकाणच्या जलकुंडात जमा करा.
- गणेश उत्सवानिमित्त प्रबोधनपर व व्यक्तिमत्त्व विकास कार्यक्रमाचे आयोजन करा.  
सुसंस्कारित व समृद्ध समाजाच्या जडणघडणी साठी प्रामाणिक प्रयत्न करा.
- पर्यावरणपूरक गणेश उत्सवाचा आयह धरा.

हे नका करू

- नका करू फटाक्यांचा वापराचा अतिरेक.
- नका करू प्लास्टिक धर्मांकोलचा वापर.
- नका लाऊ भोव्या आवाजात लाउड स्पीकर, कर्ण, डॉल्बी इत्यादि.
- नका करू अतिरेक विद्युत रोषणाईचा
- नका करू पर्यावरणाला हानी पोहचविणारे वस्तूंचा वापर.

**ध्वनीप्रदूषण:** मोठा आवाज म्हणजे ध्वनिप्रदूषण. ध्वनिप्रदूषणाने माणसाची चिडचिड वाढते, एकाग्रता कमी होऊन कार्यक्षमता कमी होते. ९० डेसिबलपेक्षा जास्त आवाजाच्या आकालामुळे शिरस्त्र (बहिरेपण) येते किंवा शरीराच्या नाडीतचात कार्यमंस्वरूपी बदल होऊ शकतात, तसेच हृदयापात (स्तदाब) होतो. ४५-५५ डेसिबल पर्यंतचे सहन करू शकतो.

**कचरा आणि जलप्रदूषण:** जेव्हा विचारी पदार्थ तलाव, ओढा, नद्या, समुद्र आणि इतर जगाव्यांमध्ये प्रवेश करतात तेव्हा ते पाण्यामध्ये विरघळून जातात किंवा तळाशी जाऊन कुळतात किंवा पाण्यावरच अजडलेले होतात. परिणामी जलप्रदूषण होते ज्यामुळे पाण्याच्या गुणवत्तेचा हारा होऊन जलपरावरण प्रणालीवर दुष्परिणाम होतो. जलप्रदूषण हे फक्त मानवासाठीच नव्हे तर जनावरे, मासे आणि पक्ष्यांसाठीही विनाशकारी आहे. प्रदूषित पाणी हे पिण्यासाठी, शेती आणि उद्योग ह्यासाठीदेखील अयोग्य आहे. ह्याच्यामुळे सरोवरे आणि नद्यांच्या तीव्रगोळमक गुणवत्तेचा नारा होतो.

**वायू प्रदूषण:** वायू प्रदूषण म्हणजे हवेमध्ये घातक दूषित पदार्थांचे मिश्रण होणे. वायू प्रदूषणामुळे आरोग्य तगत्या उदात्त शक्तीत ह्याच्यामुळे वातावरणातील सरासरी ओझोन थर पातळ होऊ लागला आहे परिणामी हवामानात बदल घडून येत आहेत उदाहरणार्थ तापमानात होणारी वाढ, कतुचाकळ, भीकरी बदल, स्वस्थाने व त्वचेचे विकार.



Yashwantrao

Principal

Karad



यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कराड

विदेक वाहिनी

पर्यावरणपूरक गणेश उत्सव २०२२-२३

गणेश मंडळाचे नाव: सार्वजनिक गणेश व नवरात्र उत्सव मंडळ सायनूर  
(पुणेगावठो)

अध्यक्षांचे नाव, पत्ता व मोबाईल नं. : सागर राजाराम चव्हाण

मु.पो. सायनूर ता. कराड जि. सातारा

मो. नं. ९३०८७६९१९७

गणेश मंडळ व गणेश उत्सवाच्या निमित्ताने मंडळाने राबविलेल्या उपक्रमाची माहिती :

ठारजू विद्यार्थ्यांसाठी वड्या वाटप

अन्नाषाश्रमान जेवण वाटप

माहान मुलांसाठी डान्स स्पर्धा

माहितीच्या अनोखेपणासाठी विविध कार्यक्रम व

जिवंत देखावे :

कॉलेजमधील विद्यार्थी-विद्यार्थिनींनी नी राबविण्यात आलेल्या प्रबोधनात्मक कार्यक्रमाविषयी प्रतिक्रिया:

आम्हाला खुप आश्चर्याने वाटला कि तरुण युवा

पिडीने इ हाती घेतलेला उपक्रम आम्हाला खुप आवडला.

आम्ही फुटील वर्षी पावून इको फ्रेंडली गणेश मूर्ती

वस्वू. आमच्या मंडळाचे व सर्व कार्यकर्त्यांचे

या युवा पिढीला पाठींबा असेल.

काही सूचना :

विद्यार्थी/विद्यार्थिनी चे नाव :

प्रणव विभास चव्हाण

पत्ता मु.पो. सायनूर ता. कराड

जि. सातारा

मंडळ प्रमुखाची सही व शिक्का

सार्वजनिक गणेश व नवरात्र

उत्सव मंडळ, सायनूर पुणेगावठो

(सहस्रक)

Estd



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



1958



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

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## **AWARENESS CAMPAIGNS**

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

**Department of Electronics**

## **Extension Activity : Energy Saving Campaign**

**Date : 01.04.2023 (2022-23)**

### **INDEX**

| <b>Sr. No.</b> | <b>Content</b>                          |
|----------------|-----------------------------------------|
| 1.             | Activity Report                         |
| 2.             | Sample English form with Instructions   |
| 3.             | Visited Marathi forms with Instructions |
| 4.             | Beneficiary Feedback                    |

  
**HEAD**  
Department of Electronics  
Yashwantrao Chavan College of Science,  
Karad



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



## Yashwantrao Chavan College of Science, Karad

### ACTIVITY REPORT

|                                     |                                                                                                                                                                                                                                                                                                                                                                                      |                                          |  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--|
| Name of the Department: Electronics |                                                                                                                                                                                                                                                                                                                                                                                      | Activity Period: 01.01.2023 – 01.04.2023 |  |
| Name of the activity                | Extension Activity : Energy Saving Campaign                                                                                                                                                                                                                                                                                                                                          |                                          |  |
| Purpose of Program                  | <ul style="list-style-type: none"><li>• To inform peoples about proper energy-saving steps.</li><li>• To control the energy consumption bills of local villagers by reducing their electricity demands.</li><li>• To encourage villagers to use highly power-efficient electric and electronic equipment.</li><li>• To encourage villages to use renewable energy sources.</li></ul> |                                          |  |
| No. of Students Participated        | 17                                                                                                                                                                                                                                                                                                                                                                                   |                                          |  |
| No. of Teachers Participated        | 05                                                                                                                                                                                                                                                                                                                                                                                   |                                          |  |
| Program outcomes                    | <ul style="list-style-type: none"><li>• Students and staff visited 168 families and microenterprises, offering energy-saving tips and receiving positive feedback. Locals began using solar water systems instead of electric ones.</li><li>• It has been observed that a number of people still do not use the air conditioning system.</li></ul>                                   |                                          |  |
| Program Photo                       |  <p>8896014, KARAD, MH<br/>761114 2H3, Kalyanpur, MH, Pincode 415100, India<br/>Lat: 17.285762°<br/>Long: 74.551413°<br/>18/01/23 00:02 AM GMT+05:30</p>                                                                                                                                         |                                          |  |





  
Coordinator  
Energy Saving Campaign

Department of Electronics

  
Signature  
HEAD

Head of the Department  
Yashwantrao Chavan College of Science,  
Karad

  
Coordinator  
IQAC

Yashwantrao Chavan College of Science, K

  
Principal  
Principal

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

Department of Electronics

Energy Saving Campaign (Electricity) – 20...-20...



1) Name of the Interviewer:

Occupation:.....

Address:.....

2) Name of the Interviewee:

Class:..... Roll No:.....

3) Annual Income of Interviewer: Above One Lakh Yes/No

4) Number of Family Member:.....

5) Last Two Month Electricity Bill amount :

1) .....

2) .....

6) Maximum and Minimum electricity bill Paid by you.

1) Maximum:.....

2) Minimum:.....

7) House Equipment

| Equipment Name  | Yes/No | Equipment Name  | Yes/No |
|-----------------|--------|-----------------|--------|
| TV              | Yes/No | PC              | Yes/No |
| Refrigerator    | Yes/No | Laptop          | Yes/No |
| Washing Machine | Yes/No | Microwave Oven  | Yes/No |
| Fan             | Yes/No | Electric Motor  | Yes/No |
| CFL             | Yes/No | Electric geyser | Yes/No |
| Tube            | Yes/No | Electric Motor  |        |
| Electric Iron   | Yes/No | Other           | Yes/No |
| AC              | Yes/No | LED Bulb        | Yes/No |

8) Would you like to use new electricity saving appliances in place of old once?

Yes/ No

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Karad

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

- 9) All persons of your family is to try to save electricity? Yes/No  
10) How do you take care to save electricity in your house?

- 1).....  
2).....  
3).....  
4).....



- 11) In your views, which electrical appliances consume more electricity in your home?

- 1).....  
2).....

- 12) Do you have solar energy appliances? Yes/ No

- 1)..... 2).....

- 13) In future are you ready to use solar energy appliances? Yes/No.

Signature of Interviewer

Signature of Interviewee

Date: / /

The above-mentioned questionnaires and energy saving instructions are helpful to us.

Signature of Interviewer

Coordinator

(Energy Saving Campaign)

HOD

(Remarks and Signature)

HEAD  
Department of Electronics  
Yashwantrao Chavan College of Science,  
Karad

Principal  
Yashwantrao Chavan College of Science, Karad

# YASHWANTRAO CHAVAN COLLGE OF SCIENCE, KARAD

Department of Electronics

Energy Saving Campaign (Electricity)

## Instructions



### Instructions

1. Use LED bulbs in place of the usual bulbs.
2. Use a proper power bulb as per room size.
3. Recycle CFL bulbs.
4. When equipment is not in use, switch it off.
5. Replace old equipment with new electricity-saving equipment.
6. Close the refrigerator's door immediately.
7. Don't use the washing machine for a few clothes.
8. If possible, use a fan in place of the AC.
9. During use of AC All doors and windows must be closed.
10. Use LED or LCD TV in place of the old CRT.
11. Use a solar geyser in place of an electric geyser, etc.

**HEAD**

Department of Electronics  
Yashwantrao Chavan College of Science,  
Karad

**Principal**

Yashwantrao Chavan College of Science, Karad





### सुचना-

- १) साधे बल्ब वापरण्या ऐवजी ~~सिंधीक.एल.डी~~ एल.ई.डी. बल्ब चा वापर करावा.
- २) घरातील खोल्याच्या आकारानुसार बल्बचा वापर करावा.
- ३) सी.एफ.एल. बल्ब बंद झाल्यानंतर रिसायकल साठी देण्यात यावा त्यामुळे पार्यापासून होणारे नैसर्गिक हाणी कमी होईल.
- ४) योग्य वेळी विद्युत उपकरणे घालू किंवा बंद करावी.
- ५) शक्य असल्यास आपल्याकडील जुन्या विद्युत उपकरणा ऐवजी नविन विद्युत बचत करणाऱ्या उपकरणाचा वापर करावा.
- ६) फ्रिजचा दरवाजा जास्त वेळ उघडा ठेवू नका.
- ७) आवश्यक असल्यास वार्शिंगमशीनचा वापर करावा, कमी कपड्यासाठी त्याचा वापर टाळावा.
- ८) ए.सी. वापरत असल्यास सर्व रुम हवा बंद असाव्यात.
- ९) जुन्या सी.आर.टी. टी.व्ही. ऐवजी एल.सी.डी./एल.ई.डी. टी.व्ही चा वापर करावा.
- १०) विद्युत गिझरपेक्षा गॅस गिझर/सौर गिझर/ साध्या बंबाचा वापर करावा.
- ११) शक्यतो घरात थंड पाण्याचा वापर करावा.

  
Coordinator

  
HEAD  
Department of Electronics  
Yashwantrao Chavan College of Science,  
Karad

  
Principal  
Yashwantrao Chavan College of Science, Karad



## यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कराड

### इलेक्ट्रॉनिक्स विभाग

उर्जा बचत मोहीम (विद्युत)-२०२२-२३

विद्युत उर्जा वापर वर्तन प्रस्नावली

दिनांक 15/01/2023

- १) मुलाखत देणाऱ्याचे नाव - अदित्य अशोक चव्हाण  
उद्योग - शेती पत्ता - मु. जे वारुजी ता कराड जि सांगर
- २) मुलाखत घेणाऱ्याचे नाव - श्रीकांत सुभाष पाटील  
घर - १५८५ रोल नं - २०१५
- ३) मुलाखत देणाऱ्याचे वार्षिक उत्पन्न - एका लाख पेक्षा जास्त / कमी
- ४) घरामध्ये असलेल्या एकूण व्यक्तींची संख्या -
- ५) मागील दोन महिन्यांच्या विद्युत बिलाची रक्कम - १) ५०० २) ५००
- ६) आतापर्यंत नदलेल्या जास्तीत जास्त व कमीत कमी बिलाची रक्कम -  
जास्तीत जास्त - ६०० कमीत कमी - ५००
- ७) घरगुती वापरातील वस्तुंची यादी -

| उपकरणाचे नाव | उपकरण आहे/नाही | उपकरणाचे नाव    | उपकरण आहे/नाही |
|--------------|----------------|-----------------|----------------|
| टी.व्ही.     | आहे/नाही       | संगणक           | आहे/नाही       |
| फ्रिज        | आहे/नाही       | लॅपटॉप          | आहे/नाही       |
| वाशिंगमशीन   | आहे/नाही       | ऑहण             | आहे/नाही       |
| पंखा         | आहे/नाही       | गिझर            | आहे/नाही       |
| सी.एफ.एल     | आहे/नाही       | बल्ब            | आहे/नाही       |
| ट्यूब        | आहे/नाही       | विद्युत मोटर    | आहे/नाही       |
| इस्त्री      | आहे/नाही       | इतर             | आहे/नाही       |
| ए.सी.        | आहे/नाही       | ए/ल ई. डी. क्लब | आहे/नाही       |

- ८) जुनी विद्युत उपकरणे सोडून नवीन विद्युत बचत करणाऱ्या उपकरणे वापरण्याची आपली तयारी आहे का?  
होय / नाही



९) तुमच्या घरातील सर्व सदस्य विद्युत बचतीसाठी प्रयत्न करतात का ? होय / नाही

१०) तुम्ही विद्युत बचतीसाठी कोणकोणत्या प्रकारची काळजी घेता ?

१) लाईटची बल्ब वापरता

२) \_\_\_\_\_

३) \_\_\_\_\_

४) \_\_\_\_\_

११) तुमच्यामते तुमच्याकडील सर्वात जास्त विद्युत उर्जा लागणारी उपकरणे कोणती?

१) फ्रीज

२) \_\_\_\_\_

१२) तुमच्याकडे सौर उर्जा उपकरणे आहेत का ? होय / नाही

१) नाही

२) \_\_\_\_\_

१३) भविष्यात तुम्ही सौर उर्जा उपकरणे वापरण्याची आपली तयारी आहे का ? होय / नाही

AAC  
मुलाखत देणाऱ्याची सही

SSR  
मुलाखत घेणाऱ्याची सही

दिनांक 15/12

परील प्रस्तावली व सुचनानमुळे आन्हाला याचा लाभ झाला- होय / नाही

AAC  
मुलाखत देणाऱ्याची सही

SSR  
सहस्रपत्रक

(उर्जा बचत मोहिम)

Principal

Yashwantrao Chavan College of Science, Karad

विभाग प्रमुख अधिकारी व सही  
Department of Electronics  
Yashwantrao Chavan College of Science,  
Karad



## यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कराड

### इलेक्ट्रॉनिक्स विभाग

उर्जा बचत मोहीम (विद्युत)-२०१२-१३

विद्युत उर्जा वापर वर्तन प्रश्नावली

दिनांक २१-२-२३

१) मुलाखत घेणाऱ्याचे नाव - कुमारी अम्रिता जाधव

संघोग - मोहरी पत्ता - मुलावत कॉलोनी, कराड

२) मुलाखत घेणाऱ्याचे नाव - प्रफेस. विलेस. तपासे

वर्ग - BSC II सेल नं - २०१७

३) मुलाखत घेणाऱ्याचे वार्षिक उत्पन्न - एका लाखा पेक्षा जास्त / कमी

४) घरामध्ये असणाऱ्या एकूण व्यक्तींची संख्या - ५

५) मागील दोन महिन्यांच्या विद्युत बिलाची रक्कम - १) १७५० २) १४००

६) आत्तापर्यंत भरलेल्या जास्तीत जास्त व कमीत कमी बिलाची रक्कम -

जास्तीत जास्त - १४५० कमीत कमी - १२००

७) घरगुती वापरातील वस्तुंची यादी -

| उपकरणाचे नाव | उपकरण आहे/नाही | उपकरणाचे नाव | उपकरण आहे/नाही |
|--------------|----------------|--------------|----------------|
| टी.व्ही.     | आहे/नही        | संगणक        | आहे/नाही       |
| फ्रिज        | आहे/नही        | लॅपटॉप       | आहे/नही        |
| वाशिंगमशीन   | आहे/नही        | ओवन          | आहे/नही        |
| पेखा         | आहे/नही        | गिझर         | आहे/नही        |
| सी.एफ.एल     | आहे/नाही       | बल्ब         | आहे/नही        |
| एअर          | आहे/नही        | विद्युत मोटर | आहे/नही        |
| इस्त्री      | आहे/नही        | इतर          | आहे/नही        |
| ए.सी.        | आहे/नही        | एल.ई.डी. कलच | आहे/नही        |

८) जुनी विद्युत उपकरणे सोडून नवीन विद्युत बचत करणाऱ्या उपकरणे वापरण्याची आपली तयारी आहे का?  
होय / नाही





१) तुमच्या घरातील सर्व सवत्य विद्युत बचतीसाठी प्रयत्न करतात का ? होय / नाही

१०) तुम्ही विद्युत बचतीसाठी कोणकोणत्या प्रकारची काळजी घेता ?

१) मॉनिटर चा वापर टाळू

२) \_\_\_\_\_

३) \_\_\_\_\_

४) \_\_\_\_\_

११) तुमच्याकडे तुमच्याकडील-सर्वात जास्त विद्युत उर्जा लागणारी उपकरणे कोणती?

१) ए.सी

२) \_\_\_\_\_

१२) तुमच्याकडे सौर उर्जा उपकरणे आहेत का ? होय / नाही

१) \_\_\_\_\_

२) \_\_\_\_\_

१३) भविष्यात तुमची सौर उर्जा उपकरणे वापरण्याची आपली तयारी आहे का ? होय / नाही

सु. उ. जाधव

मुलाखत देणाऱ्याची सही

मुलाखत घेणाऱ्याची सही

दिनांक २१-२-२३

वरील प्रस्तावली व सुचनानुळे आम्हाला माघा लाभ झाला- होय / नाही

सु. उ. जाधव

मुलाखत देणाऱ्याची सही

संजय

(उर्जा बचत मोहिम)

Principal

Yashwantrao Chavan College of Science, Karad

विभाग प्रमुख अग्निप्रद व सही

Head

Department of Electronics  
Yashwantrao Chavan College of Science, Karad



## यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कसड

### इलेक्ट्रॉनिक्स विभाग

उर्जा वद्यत मोहीम (विद्युत)-२०१२-१३

विद्युत उर्जा वापर वर्तन प्ररनावली

दिनांक

23-2-2013

१) मुलाखत देणाऱ्याचे नाव - ओमकार शहाजी चौधुरे

उद्योग - लोकरा

पत्ता - मु.पो. कसड,

२) मुलाखत घेणाऱ्याचे नाव - पुज्वल मनोजि माने

वर्ग - B.Sc-II

साल नं - २००९

३) मुलाखत देणाऱ्याचे वार्षिक उत्पन्न - एका लाख पेक्षा जास्त / कमी

४) घरामध्ये उल्लेखित एकुल व्यावसायी संख्या - २

५) मागील दोन महिन्यांच्या विद्युत बिलाची रक्कम - १) ३२० २) ४००

६) आत्तापर्यंत भरलेल्या जास्तीत जास्त व कमीत कमी बिलाची रक्कम -

जास्तीत जास्त - ५००

कमीत कमी - २५०

७) घरगुती वापरातील वस्तुंची यादी -

| उपकरणाचे नाव | उपकरण आहे/नाही | उपकरणाचे नाव  | उपकरण आहे/नाही |
|--------------|----------------|---------------|----------------|
| टी.व्ही.     | आहे/नाही       | संगणक         | आहे/नाही       |
| फ्रिज        | आहे/नाही       | लॅपटॉप        | आहे/नाही       |
| वाशिंगमशीन   | आहे/नाही       | ओहण           | आहे/नाही       |
| पेछा         | आहे/नाही       | गिझर          | आहे/नाही       |
| सी.एफ.एल     | आहे/नाही       | बल्ब          | आहे/नाही       |
| ट्यूब        | आहे/नाही       | विद्युत मोटर  | आहे/नाही       |
| इस्त्री      | आहे/नाही       | इतर           | आहे/नाही       |
| ए.सी.        | आहे/नाही       | एल.ई.डी. बल्ब | आहे/नाही       |

८) जुनी विद्युत उपकरणे सोडून नवीन विद्युत वद्यत करणाऱ्या उपकरण वापरण्याची आपली तयारी आहे का?  
होय / नाही



९) तुम्हाच्या घरातील सर्व सदस्य विद्युत बचतीसाठी प्रयत्न करतात का? होय / नाही

१०) तुम्ही विद्युत बचतीसाठी कोणत्याप्रकारची काळजी घेता?

१- विद्युत वापर कमी करतो

२- \_\_\_\_\_

३- \_\_\_\_\_

४- \_\_\_\_\_

११) तुम्ह्याकडे तुम्ह्याकडील सर्वात जास्त विद्युत उर्जा लागणारी उपकरणे जीवतात?

१) पंखा

२) \_\_\_\_\_

१२) तुम्ह्याकडे सौर उर्जा उपकरणे आहेत का? होय / नाही

१) \_\_\_\_\_

२) \_\_\_\_\_

१३) यदियात तुम्ही सौर उर्जा उपकरणे वापरण्याची असली तयारी आहे का? होय / नाही

Gmkar  
मुलाखत देणाऱ्याची सही

Santana  
मुलाखत घेणाऱ्याची सही

दिनांक 28/2/23

वरील प्रश्नांवरील व तुम्हाकडे आलेल्या याचा ताम आता होय / नाही

Gmkar  
मुलाखत देणाऱ्याची सही

समन्वयक

(उर्जा बचत मोहिम)

Principal

विभाग प्रमुख अभिप्रेत व सही

Head

Department of Electronics

Yashwantrao Chavan College of Science, Karad



# यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कराड

## इलेक्ट्रॉनिक्स विभाग

उर्जा बचत मोहीम (विद्युत)-२०२२-२३

विद्युत उर्जा वापर बर्तन प्रस्तावली

दिनांक ११/८/२३

- मुलाखत देणाऱ्याचे नाव - श्री. शुनिल विनायक पाटील  
उद्योग - नीकरी पत्ता - मु.जे. नडशी ता. कराड जि. भातार
- मुलाखत देणाऱ्याचे नाव - श्वेता शुनिल यादव  
वर्ग - B.Sc - II रोल नं - २०२५
- मुलाखत देणाऱ्याचे वार्षिक उत्पन्न - एका लाखा पेक्षा-जास्त / कमी
- घरामध्ये अत्तणाया एकूण व्यक्तींची संख्या - ३
- मागील दोन महिन्यांच्या विद्युत बिलाची रक्कम - १) १८० २) २००
- आत्तापर्यंत भरलेल्या जास्तीत जास्त व कमीत कमी बिलाची रक्कम -  
जास्तीत जास्त - २५० कमीत कमी - १४०
- घरगुती वापरातील वस्तुंची यादी -

| उपकरणाचे नाव | उपकरण आहे/नाही | उपकरणाचे नाव  | उपकरण आहे/नाही |
|--------------|----------------|---------------|----------------|
| टी.व्ही.     | आहे/नाही       | संगणक         | आहे/नाही       |
| फ्रिज        | आहे/नाही       | लॅपटॉप        | आहे/नाही       |
| वाशिंगमशीन   | आहे/नाही       | ऑटो           | आहे/नाही       |
| पंखा         | आहे/नाही       | गिझर          | आहे/नाही       |
| सी.एफ.एल     | आहे/नाही       | बल्ब          | आहे/नाही       |
| ट्यूब        | आहे/नाही       | विद्युत मोटर  | आहे/नाही       |
| इस्त्री      | आहे/नाही       | इतर           | आहे/नाही       |
| ए.सी.        | आहे/नाही       | एल.ई.डी. बल्ब | आहे/नाही       |

८) जुनी विद्युत उपकरणे सोडून नवीन विद्युत बचत कैरणाया उपकरणे वापरण्याची आपली तयारी आहे का?  
होय / नाही



९) तुमच्या घरातील सर्व सदस्य विद्युत बचतीसाठी प्रयत्न करतात का ? होय / नाही

१०) तुम्ही विद्युत बचतीसाठी कोणकोणत्या प्रकारची काळजी घेता ?

१. वज्ज्या वापर
२. ए.ई.डी. वज्ज्या वापर
३. \_\_\_\_\_
४. \_\_\_\_\_

११) तुमच्यामते तुमच्याकडील सर्वात जास्त विद्युत उर्जा लागणारी उपकरणे कोणती?

- १) फ्रीज
- २) टी व्ही

१२) तुमच्याकडे सौर उर्जा उपकरणे आहेत का ? होय / नाही

- १) \_\_\_\_\_
- २) \_\_\_\_\_

१३) नविण्यात तुमची सौर उर्जा उपकरणे वापरण्याची आपली तयारी आहे का ? होय / नाही

SPatil  
मुलाखत देणार्याची सही

Shukla  
मुलाखत घेणाऱ्याची सही

दिनांक 11/8/23

थरील प्रश्नावली व चुकनाममुळे आन्हाला याचा लाभ झाला- होय / नाही

[Signature]  
समन्वयक

(उर्जा बचत मोहिम)

SPatil  
मुलाखत देणार्याची सही

[Signature]  
Head  
Department of Electronics  
Yashwantrao Chavan College Of Science, Karad  
विभाग प्रमुख अभियांत्रिकी व सही

[Signature]  
Principal  
Yashwantrao Chavan College of Science, Karad



## यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कराड

इलेक्ट्रॉनिक्स विभाग

उर्जा वसत मोहीम (विद्युत)-२०२२-२३

विद्युत उर्जा वापर वसत प्ररनावली

दिनांक ५/५/२३

१) मुलाखत देणाऱ्याचे नाव - श्री. अंजली आशिजीत कदम

उद्योग - भोकरी पत्ता - २३२, श्रीमवाड पेठ, कराड

२) मुलाखत घेणाऱ्याचे नाव - श्वेता सुनिल थावर

वर्ग - B.Sc - II

रोल नं - २०२५

३) मुलाखत देणाऱ्याचे वार्षिक उत्पन्न - एका लाखा पेक्षा जास्त / कमी

४) घरामध्ये अस्त्राया एकुल व्यक्तींची संख्या - ४

५) नागोल वोन मडिम्याच्या विद्युत बिलाची रक्कम - १) २५० २) २७०

६) आत्तापर्यंत भरलेल्या जास्तीत जास्त व कमीत कमी बिलाची रक्कम -

जास्तीत जास्त - ३७० कमीत कमी - २००

७) घरगुती वापरातील वस्तुंची यादी -

| उपकरणाचे नाव | उपकरण आहे/नाही | उपकरणाचे नाव | उपकरण आहे/नाही |
|--------------|----------------|--------------|----------------|
| टी.व्ही.     | आहे/नाही       | संगणक        | आहे/नाही       |
| फ्रिज        | आहे/नाही       | लॅपटॉप       | आहे/नाही       |
| घाशिंगनशीत   | आहे/नाही       | ओहन          | आहे/नाही       |
| पंखा         | आहे/नाही       | गिझर         | आहे/नाही       |
| सी.एफ.एल     | आहे/नाही       | बल्ब         | आहे/नाही       |
| ट्यूब        | आहे/नाही       | विद्युत मोटर | आहे/नाही       |
| इस्त्री      | आहे/नाही       | इयर          | आहे/नाही       |
| ए.सी.        | आहे/नाही       | एल.ई.डी. कलव | आहे/नाही       |

८) जुनी विद्युत उपकरणे सोडुन नवीन विद्युत वसत करणाऱ्या उपकरण वापरण्याची आपली तयारी आहे का? होय / नाही

९) तुमच्या घरातील सर्व सदस्य विद्युत बचतीसाठी प्रयत्न करतात का ? होय / नाही

१०) तुम्ही विद्युत बचतीसाठी कोणकोणत्या प्रकारची काळजी घेता ?

१. एल.डी.टी. व्हीचा वापर.

२. योग्यवेळी विद्युत उपकरणे बंद करतो.

३. \_\_\_\_\_

४. \_\_\_\_\_

११) तुमच्यामते तुमच्याकडील सर्वात जास्त विद्युत उर्जा लागणारी उपकरणे कोणती?

१) गिझर.

२) फ्रीज.

१२) तुमच्याकडे सौर उर्जा उपकरणे आहेत का ? होय / नाही

१) \_\_\_\_\_

२) \_\_\_\_\_

१३) भविष्यात तुमची सौर उर्जा उपकरणे वापरण्याची आवली हयारी आहे का ? होय / नाही

K. Anjali

मुलाखत देणाऱ्याची सही

Shweta

मुलाखत घेणाऱ्याची सही

दिनांक 4/2/23

वरील प्रश्नावली व सुचविलेले आम्हाला याचा लाभ झाला- होय / नाही

K. Anjali

मुलाखत देणाऱ्याची सही

[Signature]

संलग्नक

(उर्जा बचत नोंद)

[Signature]  
Principal

Yashwantrao Chavan College of Science, Karad

[Signature]  
Head

Department of Electronics  
Yashwantrao Chavan College Of Science, Karad

विभाग प्रमुख अभिप्रेत व सही

# YASHWANTRAO CHAVAN COLLGE OF SCIENCE, KARAD

Department of Electronics

Energy Saving Campaign – 2022-23

**Beneficiary Feedback**



Date : 01.04.2023

A campaign is conducted in the village area, so a binary feedback technique is used. A feedback statement is included in the form: **"The above-mentioned questionnaires and energy-saving instructions are helpful to us. Yes/No"**. The campaign states that 168 homes and businesses were visited, and 167 of those people responded in the yes.



Co-ordinator

Energy Saving Campaign



HOD

**HEAD**  
Department of Electronics  
Yashwantrao Chavan College of Science,  
Karad



Principal

Yashwantrao Chavan College of Science, Karad





## **YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

### **NCC-ACTIVITY REPORT 2022-23**

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| NCC Department                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                     | Date: 17 Sep. 2022 |
| Name of Activity                               | Blood Donation                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Purpose                                        | To create awareness about blood donation and its importance,                                                                                                                                                                                                                                                                                                                                                                        |                    |
| No. of Beneficiaries                           | 32 Cadets                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |
| Class Involved                                 | NCC.I, NCC.II, & NCC.III                                                                                                                                                                                                                                                                                                                                                                                                            |                    |
| Moto                                           | Donate the blood, Save the Life.                                                                                                                                                                                                                                                                                                                                                                                                    |                    |
| Outcome / Success achieved                     | The purpose of blood donation of is to provide a vital resource that can save lives. Donated blood is used in medical procedures such as surgeries, trauma care, cancer treatment, and for patients with blood disorders or other medical conditions that require transfusions. By donating blood, individuals contribute to the health and well-being of others in need, making a direct and positive impact on their communities. |                    |
| ANO / Teachers/ Guest involved in the activity | ANO-I Lt. Dr. A.V. Mali, Principal, Doctor, Nurse and staff of college.<br>Organizer: NCC and NSS Department<br>                                                                                                                                                                                                                                |                    |

**LT. DR. A. V. MALI**  
Company Commander,  
Yashwantrao Chavan College of  
Science, Karad (415124)  
Dist. Satara, Maharashtra



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

# YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

## NCC ACTIVITY REPORT 2022-23

### ATTENDANCE

Name of Activity: Blood Donation

| Sr. No. | Names of Cadet          | Signature            |
|---------|-------------------------|----------------------|
| 1       | Chavan Amisha M.        | <u>Amisha</u>        |
| 2       | Mane Pratiksha          | <u>Mane.P</u>        |
| 3       | Raut Vaibhavi           | <u>Raut.V</u>        |
| 4       | Shikhar Karishma        | <u>Shikhar</u>       |
| 5       | Khoskar Shweta S.       | <u>S.S. Khoskar</u>  |
| 6       | Jadhav Ganesh S.        | <u>Jadhav G</u>      |
| 7       | Jadhav Manoj N.         | <u>Manoj</u>         |
| 8       | Jadhav Onkar S.         | <u>Jadhav</u>        |
| 9       | Mohite Raviraj D.       | <u>M.D. Raviraj</u>  |
| 10      | Patil Onkar G.          | <u>Onkar</u>         |
| 11      | Todkar Sairaj D.        | <u>Todkar</u>        |
| 12      | Yadav Pratik A.         | <u>Pratik</u>        |
| 13      | Salunkhe Pratik N.      | <u>Pratik</u>        |
| 14      | Jadhav Aishwarya P.     | <u>Aishwarya</u>     |
| 15      | Gingorani Nikita S.     | <u>Nikita</u>        |
| 16      | Mane Pooam S.           | <u>Pooam</u>         |
| 17      | Patil Prachi S.         | <u>Prachi</u>        |
| 18      | Patil Namrata S.        | <u>Namrata</u>       |
| 19      | Thorat Sanika           | <u>Sanika</u>        |
| 20      | Sawant Shweta A.        | <u>Shweta</u>        |
| 21      | Sutar Mansi             | <u>M. Sutar</u>      |
| 22      | Bharale Rohit R.        | <u>Rohit</u>         |
| 23      | Chavan Pranav B.        | <u>P.B. Chavan</u>   |
| 24      | Chavan Srujan M.        | <u>Srujan</u>        |
| 25      | Gurav Abhishek T.       | <u>A.T. Abhishek</u> |
| 26      | Jadhav Prasad           | <u>Prasad</u>        |
| 27      | Jadhav Shreyas N.       | <u>Shreyas</u>       |
| 28      | Harshvardhan Khandagale | <u>Harshvardhan</u>  |
| 29      | Patil Mayur T.          | <u>Mayur</u>         |
| 30      | Pawar Saurabh D.        | <u>Saurabh</u>       |



|    |                  |      |
|----|------------------|------|
| 31 | Pawar Viraj.     | Wor. |
| 32 | Phadtare Shubham | SP   |



**Yashwantrao Chavan College of Science, Karad**  
**Extension Activity 2022-23**

**REPORT**

|                               |                                                                                                                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the activity          | Consultation Provided to Farmers for Development of Vermicomposting Units                                                                                                                                           |
| Date and time                 | Thursday, 5-01-2023, 4.00 pm                                                                                                                                                                                        |
| Name of the department        | Zoology                                                                                                                                                                                                             |
| Purpose of Program            | 1) The Program aims to educate farmers about vermicomposting<br>2) The farmers will learn the fundamental of vermicomposting including its benefits for soil health, waste reduction and ecological sustainability. |
| Speaker's Name<br>Designation | Mrs. Mulla, K.C.<br>Assistant Professor,<br>Department of Zoology,<br>Yashwantrao Chavan College of Science, Karad.                                                                                                 |
| No. of Farmers Participated   | 22                                                                                                                                                                                                                  |
| No. of Teachers Participated  | 01                                                                                                                                                                                                                  |
| Program outcomes              | Participants in the vermicomposting activity program will gain skills in organic waste management and produce nutrients rich compost contributing to sustainable environmental practice.                            |

Program Photo:



Reddhat,  
Maharashtra, India  
Lat: 17.342887  
Long: 74.238572  
15/01/2023 04:00 PM EDT

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



  
**Head**  
Department of Zoology  
Yashwantrao Chavan College of Science



# YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

## List of Beneficiaries

### Department of Zoology

#### Consultation Provided to Farmers for Development of Vermicomposting Units-2022-23

| Sr.No. | Name of Farmers | Sign       |
|--------|-----------------|------------|
| 1      | Patel S.K.      | Patel      |
| 2      | Patel M.B.      | Patel      |
| 3      | Patel K.L.      | K.L. Patel |
| 4      | Mulla M.M.      | Mulla      |
| 5      | Patel B.G.      | B.G. Patel |
| 6      | Patel S.J.      | Patel      |
| 7      | Mulla D.K.      | Mulla      |
| 8      | Kadam V.S.      | Kadam      |
| 9      | Kadam J.S.      | J.S. Kadam |
| 10     | Patil B.B.      | Patil      |
| 11     | Chavan S.S.     | Chavan     |
| 12     | Mohite P.V.     | Mohite     |
| 13     | Mali N.S.       | N.S. Mali  |
| 14     | Kadam M.L.      | Kadam      |
| 15     | Yadav G.M.      | Yadav      |
| 16     | Mulla C.M.      | Mulla      |
| 17     | Mulla T.C.      | Mulla      |
| 18     | Patel M.B.      | Patel      |
| 19     | Patel A.A.      | Patel      |
| 20     | Patel B.Y.      | Patel      |
| 21     | Patel S.A.      | Patel      |
| 22     | Kadam S.S.      | Kadam      |



Yashwantrao Chavan College of Science, Karad  
2022-23  
Consultation Provided to Farmers for Development of Vermicomposting Units  
Feedback form

Name of the Beneficiary: Kadam. M.L.

| Sr. No | Programme information points          | Excellent (3) | Good (2) | Satisfactory (1) |
|--------|---------------------------------------|---------------|----------|------------------|
| 1      | Usefulness of programme               | ✓             |          |                  |
| 2      | Amount of new information you learned |               | ✓        |                  |
| 3      | Overall experience of the programme   | ✓             |          |                  |
| 4      | Overall organization of the Programme |               | ✓        |                  |

Any other suggestions if any .....

Date: 5/5/23

M. L. Kadam

Signature of Farmer

Yashwantrao Chavan College of Science, Karad

2022-23

Consultation Provided to Farmers for Development of Vermicomposting Units  
Feedback form

Name of the Beneficiary: Yadav, G.M

| Sr. No | Programme information points          | Excellent (1) | Good (2) | Satisfactory (3) |
|--------|---------------------------------------|---------------|----------|------------------|
| 1      | Usefulness of programme               | ✓             |          |                  |
| 2      | Amount of new information you learned | ✓             |          |                  |
| 3      | Overall experience of the programme   |               | ✓        |                  |
| 4      | Overall organization of the Programme |               |          | ✓                |

Any other suggestions if any: .....

Date: 5/11/23

Yadav

Signature of Farmer

Yashwantrao Chavan College of Science, Karad

2022-23

Consultation Provided to Farmers for Development of Vermicomposting Units  
Feedback form

Name of the Beneficiary:- Mulla.C.M.

| Sl<br>No | Programme information points          | Excellent<br>(3) | Good<br>(2) | Satisfactory<br>(1) |
|----------|---------------------------------------|------------------|-------------|---------------------|
| 1        | Usefulness of programme               | ✓                |             |                     |
| 2        | Amount of new information you learned | ✓                |             |                     |
| 3        | Overall experience of the programme   | ✓                |             |                     |
| 4        | Overall organization of the Programme | ✓                |             |                     |

Any other suggestions if any.....

Date: 5/1/23

Signature of Farmer



Yashwantrao Chavan College of Science, Karad

2022-23

Consultation Provided to Farmers for Development of Vermicomposting Units  
Feedback form

Name of the Beneficiary:- Mulla.T.C.

| Sr.<br>No | Programme information points          | Excellent<br>(3) | Good<br>(2) | Satisfactory<br>(1) |
|-----------|---------------------------------------|------------------|-------------|---------------------|
| 1         | Usefulness of programme               |                  |             | ✓                   |
| 2         | Amount of new information you learned |                  |             | ✓                   |
| 3         | Overall experience of the programme   |                  | ✓           |                     |
| 4         | Overall organization of the Programme |                  | ✓           |                     |

Any other suggestions if any .....

Date: 5/11/23

Mulla

Signature of Farmer

Yashwantrao Chavan College of Science, Karad  
2022-23  
Consultation Provided to Farmers for Development of Vermicomposting Units  
Feedback form

Name of the Beneficiary -

Patel . M . B .

| Sr.<br>No | Programme information points          | Excellent<br>(3) | Good<br>(2) | Satisfactory<br>(1) |
|-----------|---------------------------------------|------------------|-------------|---------------------|
| 1         | Usefulness of programme               | ✓                |             |                     |
| 2         | Amount of new information you learned | ✓                |             |                     |
| 3         | Overall experience of the programme   |                  | ✓           |                     |
| 4         | Overall organization of the Programme | ✓                |             |                     |

Any other suggestions if any, .....

Date: 5 / 1 / 23

(M Patel)

Signature of Farmer

# Yashwantrao Chavan College of Science, Karad

Department of Zoology

Extension Activity-Consultation Provided to Farmers for Development of Vermicomposting Units

Academic year-2022-23

Feedback Analysis

Usefulness of Program



Amount of New Information Learned



Overall Experience of Program



Overall Organization of Program



Head  
Department of Zoology  
Yashwantrao Chavan College of Science, Karad



## YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

### NCC-ACTIVITY REPORT 2022-23

|                                |                                                                                                                                                                                  |                       |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| NCC Department                 |                                                                                                                                                                                  | Date: 2 December 2022 |
| Name of Activity               | Krishna River Cleaning                                                                                                                                                           |                       |
| Purpose                        | To clean the river area and give the message to the society about importance of clean water.                                                                                     |                       |
| No of Beneficiaries            | 51 cadets                                                                                                                                                                        |                       |
| Class Involved                 | NCC-I, NCC-II and NCC-III                                                                                                                                                        |                       |
| Moto                           | This motto emphasizes the importance of preserving natural ecosystems, protecting aquatic life, and purifying water resources for the benefit of current and future generations. |                       |
| Outcome/ Success achieved      | Highly effective materials like plastic and other non-degradable material are removed from the water and river area.                                                             |                       |
| /ANO/Teachers                  | /ANO Lt. Dr. A. V. Mali                                                                                                                                                          |                       |
| Guest involved in the activity |                                                                                              |                       |

  
**LT. DR. A. V. MALI**  
 Company Commander,  
 Yashwantrao Chavan College of  
 Science, Karad (415124)  
 Dist. Satara Maharashtra



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



# YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

## NCC ACTIVITY REPORT 2022-23

### ATTENDANCE

Name of Activity: Krishna River cleaning

| Sr. No. | Names of Cadet          | Signature            |
|---------|-------------------------|----------------------|
| 1       | chavan Amisha M         | <u>Amisha</u>        |
| 2       | mane Prajakti           | <u>mane.p</u>        |
| 3       | Raut Vaibhavi           | <u>Raut.v</u>        |
| 4       | Shitalgar Karishma      | <u>Shital</u>        |
| 5       | Khachare shweta .S      | <u>S.S.khachare</u>  |
| 6       | Jadhav ganesh S.        | <u>Jaganesh</u>      |
| 7       | Jadhav Manoj N          | <u>Manoj</u>         |
| 8       | Sadhav Onkar S.         | <u>Sadhav.</u>       |
| 9       | Mahite raviraj B.       | <u>M.D.raviraj</u>   |
| 10      | Patil onkar .G          | <u>onkar</u>         |
| 11      | Todkar Sairaj D.        | <u>Todkar</u>        |
| 12      | Vardey Pratik A.        | <u>Pratik</u>        |
| 13      | Salunke Pratik          | <u>pratik</u>        |
| 14      | Jadhav Akhwaraj         | <u>Akhwaraj</u>      |
| 15      | Gingewani Nikita .S     | <u>Nikita</u>        |
| 16      | Mare Poonam S           | <u>Poonam</u>        |
| 17      | patil Prachi S.         | <u>Prachi</u>        |
| 18      | Patil Namrata S.        | <u>Namrata</u>       |
| 19      | Thorat Samir A.         | <u>S.Thorat</u>      |
| 20      | sawant shivani A.       | <u>SSA</u>           |
| 21      | sutar mansi             | <u>m.sutar</u>       |
| 22      | Bhosale Rohit .R        | <u>R.Bhosale</u>     |
| 23      | chavan pavan B.         | <u>P.B.Chavan</u>    |
| 24      | Chavan Sachdeep M       | <u>Sachdeep</u>      |
| 25      | Gutav Abhishek T.       | <u>G.T.Abbhishek</u> |
| 26      | Jadhav prasad           | <u>Prasad</u>        |
| 27      | Khorejit Jadhav N       | <u>Khorejit</u>      |
| 28      | Khondagale Harshwardhan | <u>Harshwardhan</u>  |
| 29      | patil mayur T.          | <u>Mayur</u>         |
| 30      | Patil Sampat D.         | <u>Sampat</u>        |



|     |                           |                       |
|-----|---------------------------|-----------------------|
| 31) | Prasad Viraj.             | Virasad.              |
| 32) | Phadkar Shubham           | <del>SP</del>         |
| 33) | Pisal Prithviraj S.       | <del>SPisal</del>     |
| 34) | Sagar Sushant D.          | S. S. D.              |
| 35) | Salunkhe Nitin B          | N.B. Salunkhe         |
| 36) | Thakre Rajat P            | <del>P. Thakre</del>  |
| 37) | Deshmukh Tilottamas       | T.S. Deshmukh         |
| 38) | Lamjar Sanjeevani         | <del>Sanjai</del>     |
| 39) | Mhalakar Anshu A.         | A.A.M.                |
| 40) | Madav Sanika              | S. Madav              |
| 41) | <del>A. Swant</del> Anshu | <del>SP</del>         |
| 42) | Chavan Harshad            | <del>Harsh</del>      |
| 43) | Dharmi Jagat              | Dharmi Jagat          |
| 44) | Jadhav Sahil K            | S.K. Jadhav           |
| 45) | Jadhav Varadraj           | <del>Varad</del>      |
| 46) | Kachare Abhishek          | <del>Abhishek</del>   |
| 47) | Kadam Ajinkya             | A. Kadam              |
| 48) | Patil Vikram D.           | <del>V. Patil</del>   |
| 49) | Pawar Vishvajith S.       | <del>Vishvajith</del> |
| 50) | Ram Prashantkumar S.      | R. Prashantkumar      |
| 51) | Shedge Nilesh V.          | N. V. S.              |
|     |                           |                       |
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Shri Shivaji Education Society's  
Board for Higher Education Vidyanagar, Karad



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

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**AWARENESS  
RALLIES**



## YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

### NCC-ACTIVITY REPORT 2022-23

|                                                 |                                                                                                                                                                                                                           |                      |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| NCC Department                                  |                                                                                                                                                                                                                           | Date: 13 August 2022 |
| Name of Activity                                | Cycling Rally                                                                                                                                                                                                             |                      |
| Purpose                                         | To often multifaceted, combining elements of recreation, fitness, community engagement, fundraising, advocacy, and tourism promotion to create a positive and impactful experience for participants and communities alike |                      |
| No of Beneficiaries                             | 49 NCC cadets                                                                                                                                                                                                             |                      |
| Class Involved                                  | NCC 1 <sup>st</sup> 2 <sup>nd</sup> and 3 <sup>rd</sup> year                                                                                                                                                              |                      |
| moto                                            | Pedal for a Purpose,<br>Ride, Connect, Inspire,<br>Cycle for Health, Cycle for Life                                                                                                                                       |                      |
| Outcome/ Success achieved                       | The outcomes of a cycling rally can be diverse and multifaceted, ranging from individual health benefits to broader community engagement and advocacy efforts.                                                            |                      |
| /ANO/Teachers<br>Guest involved in the activity | 1 ANO Lt. Dr. A. V. Mali, Sport teachers-2<br>                                                                                        |                      |

  
**LT. DR. A. V. MALI**  
 Company Commander,  
 Yashwantrao Chavan College of  
 Science, Karad (415124)  
 Dist. Solara Maharashtra



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



# YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

## NCC ACTIVITY REPORT 2022-23

### ATTENDANCE

Name of Activity: Cycling Rally

| Sr. No. | Names of Cadet          | Signature            |
|---------|-------------------------|----------------------|
| 1       | Chavan Amisha M.        | <u>Amisha</u>        |
| 2       | Mane Prajakta           | <u>Mane P.</u>       |
| 3       | Raut Vaibhavi           | <u>Raut V.</u>       |
| 4       | Shikhar Karishma        | <u>Shikhar</u>       |
| 5       | Khachare Shweta S.      | <u>S.S. Khachare</u> |
| 6       | Jadhav Ganesh B.        | <u>J. Ganesh</u>     |
| 7       | Jadhav Manoj N.         | <u>M. Manoj</u>      |
| 8       | Jadhav Onkar S.         | <u>J. Onkar</u>      |
| 9       | Mohite Raviraj D.       | <u>M.D. Raviraj</u>  |
| 10      | Patil Onkar G.          | <u>Onkar</u>         |
| 11      | Todkar Sairaj D.        | <u>Todkar</u>        |
| 12      | Wadaw Pratik A.         | <u>Pratik</u>        |
| 13      | Salunkhe Pratik         | <u>Pratik</u>        |
| 14      | Jadhav Aishwarya P.     | <u>A. Jadhav</u>     |
| 15      | Gurugesavi Nikita S.    | <u>Nikita</u>        |
| 16      | Mane Pooam S.           | <u>P. Mane</u>       |
| 17      | Patil Prachi S.         | <u>P. Prachi</u>     |
| 18      | Patil Namrata S.        | <u>N. Patil</u>      |
| 19      | Thorat Sanika           | <u>S. Thorat</u>     |
| 20      | Sawant Shivani A.       | <u>SSA</u>           |
| 21      | Sutar Mansi             | <u>M. Sutar</u>      |
| 22      | Bhosale Rohit R.        | <u>R. Bhosale</u>    |
| 23      | Chavan Pooam B.         | <u>P. Chavan</u>     |
| 24      | Chavan Sneha P. M.      | <u>S. Chavan</u>     |
| 25      | Gurav Abhishek T.       | <u>G.T. Abhishek</u> |
| 26      | Jadhav Sanika           | <u>S. Jadhav</u>     |
| 27      | Jadhav Sureshjit N.     | <u>S. Jadhav</u>     |
| 28      | Khandagale Harshvardhan | <u>H. Khandagale</u> |
| 29      | Patil Mayur T.          | <u>M. Patil</u>      |
| 30      | Pawar Swapnil D.        | <u>S. Pawar</u>      |



|    |                       |                 |
|----|-----------------------|-----------------|
| 31 | Pawar Viraj .         | Vawar.          |
| 32 | Phadtare Shubham      | SP.             |
| 33 | Pisoti Prithviraj S.  | <del>SP</del>   |
| 36 | Sagare Sushant D.     | S. S. D         |
| 35 | Salunke Nikin B       | n. B. Salunke   |
| 36 | Thake Rajat R         | (P) Thake.      |
| 37 | Dashmukh Tilottama S. | T. S. Dashmukh. |
| 38 | Lamje Sanjeevani      | 8 Lamje         |
| 39 | Moholkar Ansha A      | A. A. M.        |
| 40 | Yadav Ganika          | S. Y. Yadav     |
| 41 | Sawant Anshu          | (SP)            |
| 42 | Chavan Parshad        | Parsh           |
| 43 | Dharmi Jagat          | Dharmi J.       |
| 44 | Jadhav Sahil B        | S. K. Jadhav    |
| 45 | Jadhav Varadraj       | Varad.          |
| 46 | Kachare Abhishek      | Abhishek        |
| 47 | Kadam Ajinkya         | Akadam          |
| 48 | Viktam Dilip Putil.   | Putil           |
| 49 | Pawar Vishwanath S.   | Vishwanath      |
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