

**SHREE VITTHAL RUKHMINI MAHAVIDYALAYA SAWANA**  
**TQ. MAHAGAON**

**DEMONSTRATION OF SCIENCE EQUIPMENTS/EXPERIMENTS TO  
HIGHER & HIGHER SECONDARY STUDENTS**

**ACTIVITY REPORT**

**Session: - 2022-2023**

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A neurological study has shown that curiosity makes our brains more receptive for learning, and that as we learn, we enjoy the sensation of learning. It's no secret that curiosity makes learning more effective and enjoyable. Curious students not only ask questions, but also actively seek out the answers.

Without curiosity, Sir Isaac Newton would have never formulated the laws of physics, Alexander Fleming probably wouldn't have discovered penicillin, and Marie Curie's pioneering research on radioactivity may not exist.

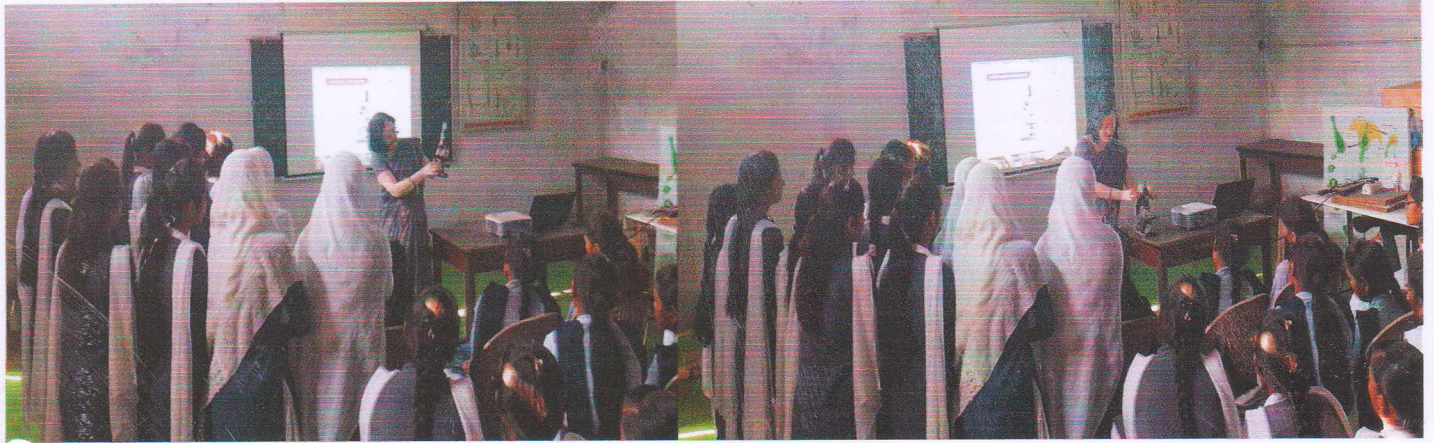
Show that, when we're curious about a subject, we are much more likely to remember information we learned about that subject, So to enhance curiosity about science by showing some science experiments for secondary and higher secondary students. Our college started this activity in session 2022-2023, Principal informed to department of Chemistry, botany, zoology, physics and mathematics about this activity to arranging some demos, on fourth Saturday. Each department actively participated in it. Result of this interested Number of students visit to our department on fourth Saturday.

**Department of Chemistry**



*Hemant Mahalle*  
**Dr. Hemant Mahalle**  
**Principal**  
Shri Vitthal Rukmini Arts,  
Comm. & Science College  
Sawana Tq. Mahagaon

**Department Of Botany**



**Department Of Zoology**



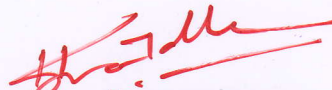
*Hemant Mahalle*  
**Dr. Hemant Mahalle**  
**Principal**  
Shri Vitthal Rukmini Arts,  
Comm. & Science College  
Sawana Tq. Managgaon

## Department Of Physics



### **Experiment/ Equipment Demonstration**

**OUTCOME:** As the activity has been conducted for the students of higher and higher secondary students, the students will be benefited with the knowledge of various science lab instruments and their use in the technology and in day to day life. These activities also inculcate scientific temper in the students, which will help them to think scientifically and to enhance research attitude.

  
**Dr. Hemant Mahalle**  
**Principal**  
Shri Vitthal Rukmini Arts,  
Comm. & Science College  
Sawana Tq. Mahagaon

Affiliated to Sant Gadge Baba Amravati University, Amravati

Shri Shivaji Shikshan Sanstha, Pusad Sanchalit

**Shri Vitthal Rukhmini Mahavidyalaya, Sawana**

(ARTS, COMMERCE & SCIENCE)

Tq. Mahagaon Distt. Yavatmal 445205

"NAAC Accredited"



Shri. Anirudha V. Patil (chondhikar)

President

Shri. Shivaji Shikshan Sanstha, Pusad

email: 1984vrms@gmail.com

Website

www.svrcollege.com

Dr. Hemant Mahalle

(M.Sc., M.Phil., Ph.D.)

Principal

D: 02/08/2022

### Notice

To

H.O.D.

Dept. Of Botany, Zoology, Chemistry & Mathematics

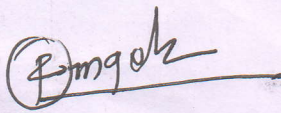
Shri V. R College, Sawana.

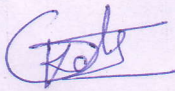
Subject: Arrangements of experiment demonstration for secondary and higher secondary students.

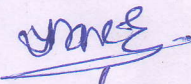
Sir/Madam,

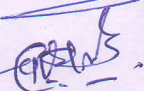
With respect to above mentioned subject, our college is going to arrange some practical experiments for secondary and higher secondary students, to enhanced curiosity about practical aspects. Kindly arranged demos on Fourth Saturday of every Month after regular classes and practical.

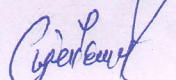
Thanking you!

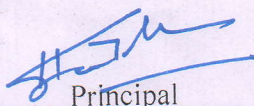
1) Prof. R. M. Ingole (HOD Chemistry) 

2) Assist. Prof. G. D. Kale (H.O.D. Physics) 

3) Y. U. Naner 

4) Dr. S. S. Tathwal (HOD Botany) 

5) Dr. P. W. Chaudhari - 

  
Principal  
**Dr. Hemant Mahalle**  
Principal  
Shri Vitthal Rukhmini Arts,  
Comm. & Science College  
Sawana Tq. Mahagaon

# SHREE VITTHAL RUKHMINI COLLEGE SAWANA DIST. YAVTMAL

Activity Name: Demonstration of science experiments for secondary and higher secondary school students.

Experiment Name: Importants of soil testing

Department: Chemistry Date: 25/02/2023

Teacher Name: Mr. R. N. Gaikwad

Sr.No.	Name of students	Class	School Name	Sign.
1	Monika Dilip Yewale	H	Shri Shivaji Jr. College	<u>M. Yewale</u>
2	Gauri Gajanan Gose			<u>G. Gose</u>
3	Samsudhdi Shivaji Dromade			<u>S. Dromade</u>
4	Mahek Shekh Salim			<u>M. Shekh</u>
5	Shraddha Sandeep Kashale			<u>S. Kashale</u>
6	Sonu Vitthal Pawar			<u>S. Pawar</u>
7	Neha Ganesh Shinde			<u>N. Shinde</u>
8	Vaishnavi Laxhan Chauhan			<u>V. Chauhan</u>
9	Sanjya Firdous Nawaz Khan			<u>S. Khan</u>
10	Anuradha Devrao Harbore			<u>A. Harbore</u>
11	Shaista parvin Bashie pathan			<u>S. Pathan</u>
12	Diksha Dattaro Hanakate			<u>D. Hanakate</u>
13	Sidhant Sudam Bhagat			<u>S. Bhagat</u>
14	Rehan Khan Nawaz Khan Pathan			<u>R. Pathan</u>
15	Sai Jyotsakash Surya			<u>S. Surya</u>
16	Bhajan Dnyaneshwar Gokhale			<u>B. Gokhale</u>
17	Shreejay Anil Bhalge			<u>S. Bhalge</u>
18	Vishnu. Ravikant. Sarkate.			<u>V. Sarkate</u>
19	Om. Anil Tekale.			<u>O. Tekale</u>
20	Omkar. G. Mane.			<u>O. Mane</u>

R. N. Gaikwad  
25/02/23  
Concern Teacher  
**Assistant Professor**  
Department of Chemistry  
Shree V. R. College Sawana  
Tq. Mahagaon Dist. Yavatmal

R. N. Gaikwad  
25.2.23  
Head Of Dept. (Chemistry)  
Shri. V.R. Art's, Comm. & Science  
College, Sawana Tq. Mahagaon  
Dist. Yavatmal.

Dr. Hemant Mahalle  
Principal  
Shri Vitthal Rukmini Arts,  
Comm. & Science College  
Sawana Tq. Mahagaon

SHREE VITTHAL RUKHMINI COLLEGE SAWANA DIST. YAVTMAL

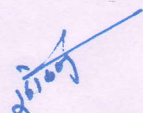
Activity Name: Demonstration of science experiments for secondary and higher secondary school students.

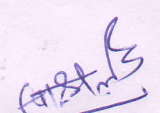
Experiment Name: Study of structure of cell

Department: Botany Date: 25.03.2023

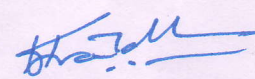
Teacher Name: Prof. Kundl B. Dhokane Assist. Prof. in Botany

Sr.No.	Name of students	Class	School Name	Sign.
1	Kiib			
2	Vedant Santoshrao Deshmukh	8th	S.S.H.S. Sawana	V.S.D
3	Vaibhau Ram Surve	9th	S.S.H.S. Sawana	V.R.S
4	Samarth Sudhirrao Deshmukh	9th	S.S.H.S. Sawana	Smarth
5	Ujwal Laxman Rakhande	9th	S.S.H.S. Sawana	UJWAL
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Concern Teacher

  
HOD

**Dr. Swati S. Tathod**  
Assistant Professor & HOD Botany  
Shri. Vitthal Rukhmini Arts, Commerce  
and Science College, Sawana  
Tq. Mahagaon Dist. Yavatmal

  
**Dr. Hemant Mahalle**  
Principal  
Shri Vitthal Rukhmini Arts,  
Comm. & Science College  
Sawana Tq. Mahagaon

**SHREE VITTHAL RUKHMINI COLLEGE SAWANA DIST. YAVTMAL**

Activity Name: Demonstration of science experiments for secondary and higher secondary school students.

Experiment Name:- Biblar suspension (Moment of Inertia)

Department:- Physics Date:- 22/10/22

Teacher Name:- Asst. Prof. P.T. Natwade

Sr.No.	Name of students	Class	School Name	Sign.
1	यश गजानन अष्टुते		P.G. sewaduse	P.G.S
2	Krushna Sudhakar Wankhede			1.2.22
3	विजय अशोक - भास्कर			Dece
4	Om Vijay Rethod			Arthod
5	Pratik Uttam Wadkar			Pratik
6	शिव कृष्ण अशोक			S.P.N
7	Aditya Advinsky Keshav		Aditya	
8	Harshad Sudhakar Pawde			Harshad
9	Satyam Datta Pawade			Satyam
10	Mangesh Dilip Barde			M. Barde
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P. Natwade

Concern Teacher

[Signature]  
HOD

**Principal**  
Shri Vitthal Rukhmini Art's  
Comm. & Science College  
Sawana Tal. Mahadwar

# SHREE VITTHAL RUKHMINI COLLEGE SAWANA DIST. YAVTMAL

Activity Name: Demonstration of science experiments for secondary and higher secondary school students.

Experiment Name: Human skeleton

Department: Zoology

Date: 27/08/2022

Teacher Name: Anil N. Khade

Sr.No.	Name of students	Class	School Name	Sign.
1	Monika dilip yewale	XI	Shri Shivaji M. college	<u>M. Yewale</u>
2	Gaurei Gajanan Gore			<u>G. Gore</u>
3	sambudhdi shivaji Dasmode			<u>S. Dasmode</u>
4	Mahesh Shekh Salim			<u>M. Shekh</u>
5	Shraddha sandeep kashale			<u>S. Kashale</u>
6	Sonu vitthal pawar			<u>S. Pawar</u>
7	Neha Ganesh Shinde			<u>N. Shinde</u>
8	Vaishnavi Laxhan chauhan			<u>V. Chauhan</u>
9	Saniyafirdous Nawaz Khan			<u>S. Khan</u>
10	Omkan G. Mane.			<u>O. Mane</u>
11	Vishnu. Ravikant. Sarkate.			<u>V. Sarkate</u>
12	shreejay Anil Bhalge			<u>S. Bhalge</u>
13	Prathamsh sudhir Dhore			<u>P. Dhore</u>
14	Shailesh Ananta khandare			<u>S. Khandare</u>
15	Om Anil Tekale			<u>O. Tekale</u>
16	Rehan Khan, Nawaz Khan, Pathan			<u>R. Khan</u>
17	Sai Jayprakash Surya			<u>S. Surya</u>
18	Siddhant Sudam Bhagat			<u>S. Bhagat</u>
19	Gajanan Dnyaneshwar Gadgil			<u>G. Gadgil</u>
20	Anusadha Devrao Harikare			<u>A. Harikare</u>

A. Khade  
Concern Teacher

G. Gadgil  
HOD

H. Mahalle  
Dr. Hemant Mahalle  
Principal  
Shri Vitthal Rukmini Arts,  
Comm. & Science College  
Sawana Tq. Mahagaon



# SHREE VITTHAL RUKHMINI COLLEGE SAWANA DIST. YAVTMAL

Activity Name: Demonstration of science experiments for secondary and higher secondary school students.

Experiment Name: Hardness of water

Department: chemistry

Date: 27/08/2022

Teacher Name: Mr. R. N. Ingole

Sr.No.	Name of students	Class	School Name	Sign.
1	Monika dilip yewale	XI	shri shivaji jr. college	<u>M. Yewale</u>
2	Gaurei Gajanan Gore		—  —	<u>G Gore</u>
3	Samrudhdi Shivaji Doramode		—  —	<u>S Doramode</u>
4	Mahek Shekh Salim		—  —	<u>M Shekh</u>
5	Shraddha sandeep Korhale		—  —	<u>S Korhale</u>
6	Sonu vitthal pasar		—  —	<u>S Pasar</u>
7	Neha Ganesh shinde		—  —	<u>N. Shinde</u>
8	Vaishnavi Lakhan chavhan		—  —	<u>V. Chavhan</u>
9	Saniya Firdous Nawaz Khan		—  —	<u>S. Khan</u>
10	Sidhelant Sudam Bhagat		—  —	<u>S. Bhagat</u>
11	Suraj Ram chavhan		—  —	<u>S. Chavhan</u>
12	Rohan Khan Nawaz Khun Chavhan		—  —	<u>R. Chavhan</u>
13	Sai Jayprakash Susya		—  —	<u>S. Susya</u>
14	Gajanan Prayanshwar Gattamot		—  —	<u>G. Gattamot</u>
15	Shailesh Ananta Khandare		—  —	<u>S. Khandare</u>
16	Prathamesh Sudhir Dhore		—  —	<u>P. Dhore</u>
17	Shreejay Anil Bhalge		—  —	<u>S. Bhalge</u>
18	Om Anil Tekale		—  —	<u>O. Tekale</u>
19	Vishnu. Ravikant Sarkate		—  —	<u>V. Sarkate</u>
20	Omkar G. Mane		—  —	<u>O. Mane</u>

R. N. Ingole  
Concern Teacher

27/08/22  
Assistant Professor  
Department of Chemistry  
Shree V. R. College Sawana  
Tq. Mahagaon Dist. Yavatmal

R. N. Ingole  
27/08/22

Dept. (Chemistry)  
Shri. V.R. Art's, Comm. & Science  
College, Sawana Tq. Mahagaon  
Dist. Yavatmal

H. Mahalle

Principal  
Dr. Hemant Mahalle  
Principal  
Shri Vitthal Rukmini Arts,  
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# SHREE VITTHAL RUKHMINI COLLEGE SAWANA DIST.YAVTMAL

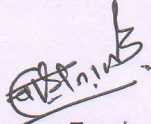
**Activity Name:** Demonstration of science experiments for secondary and higher secondary school students.

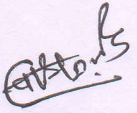
**Experiment Name:-** Demonstration of Microscope

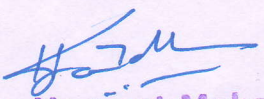
**Department:-** Botany **Date:-** 27-08-2022

**Teacher Name:-** Dr. Swati S. Tathod (HOD Botany)

Sr.No.	Name of students	Class	School Name	Sign.
1	Arun Utham shinde	7	विश्वजी 2401	Arun
2	Vijay Pandurang G. G.	7	शांकरजी वसुडी	Vijay
3	Jyegesh najanav Narkar	8	विश्वजी विद्यालय सवणा	Jyegesh
4	Addity Aquinshy Kachre	7	श्री विद्याजी विद्यालय सवणा	Addity
5	Om vijay Rethod	5	Shivaji Science	Om
6	आशिश संतोष देशमुख	5	श्री विद्याजी विद्यालय	AASHISH
7	Pranjwal Arno1 Deshmukh	8	12	Pranjwal
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Concern Teacher

  
HOD

  
Dr. Harant Mahalle  
Principal  
Shri Vitthal Rukmini Arts,  
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Sawana Tq. Mahagaon