Shikshan Prasarak Sanstha's

Padmabhushan Vasantraodada Patil Mahavidyalaya,

Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Career Oriented Course in

"Soil and Water Analysis"

(2022-23)

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Report on Career Oriented Course in "Soil and Water Analysis"

Title	**Career Oriented Course in "Soil and Water Analysis"**
Duration	17th October 2022 to 7th February 2023
Organizer	Department of Chemistry, P.V.P. Mahavidyalaya Kavathe Mahankal
Funding	--
BOS / Faculty	Asso. Prof. S. V. Patil Asso. Prof. Dr. G. D. Kore Assi. Prof. A. A. Kamble Mrs. P. B. Patil Mr. T. P. Shinde
Coordinator	Assi. Prof. A. A. Kamble
Background	Now a day's analysis of soil and water has high importance in the field of agriculture. For that, students must have some knowledge of soil and water quality parameters so this course is intended.
Objective	1. To acquire basic knowledge about soil and water 2. To support accurate analysis and water of soil affect to improve crop yield and health. 3. To provide adequate practical and basic knowledge, accurate analysis of soil and water 4. To generate skills of handling Laboratory Equipment's. 5. To learn different techniques of sampling of soil and water.
Outcomes	1. To have some basic knowledge of basic knowledge of soil and water analysis. 2. To handle the laboratory equipment's required for soil analysis. 3. To manage the sampling of different soil and water samples. 4. To analyse the different parameters of soil and water
Conclusion	Students got sufficient knowledge about soil and water parameters. Course creates interest in students for analyzing various water and soil samples. thus this course is fruitful and motivational for participated students.

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Report on Career Oriented Course in "Soil and Water Analysis"

Brief Summary

Sr. No.	Organizing department	Department of Statistics		
1	Type of Activity	Career Oriented Course in "Soil and Water Analysis"		
2	Duration of Activity	17th October 2022 to 7th February 2023		
3	Venue	Chemistry Lab, Department of Chemistry		
4	Participation			
	Students	Male	Female	Total
	B. Sc. III	50	31	81
5	Result	A-Grade	B-Grade	Total
	B. Sc. III	81	00	81

Coordinator

Acting Principal
Padmabhushan Vasantraodada Patil
Mahavidyalaya,K.Mahankal,Dist-Sangli

Head
Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

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Application

From,
Head,
Department of Chemistry
P. V. P. College, Kavathe Mahankal,
Dist. Sangli, Maharashtra 416405
Date: 16/09/2022

To,
The Principal,
Padmabhushan Vasantraodada Patil Mahavidyalaya,
Kavathe Mahankal, Dist. Sangli,
Maharashtra 416405

Subject: Seeking a permission to start the career-oriented course in "Soil and Water analysis".

Respected sir,

As per your guidelines we are going to start a career oriented course in "Soil and Water analysis" in Department of Chemistry for our college students. This course will be of 30 hours and will be completed during October 2022 to January 2023. The course will be definitely very beneficiary for students.

I request you to give permission to start the above course in the Department.

Thanking you.

Permission sanctioned

Acting Principal
Padmabhushan Vasantraodada Patil
Mahavidyalaya, K.Mahankal Dist-Sangli

P.V.P. MAHAVIDYALAYA K. Mahankal, Dist. Sangli

Yours faithfully,

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal.Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

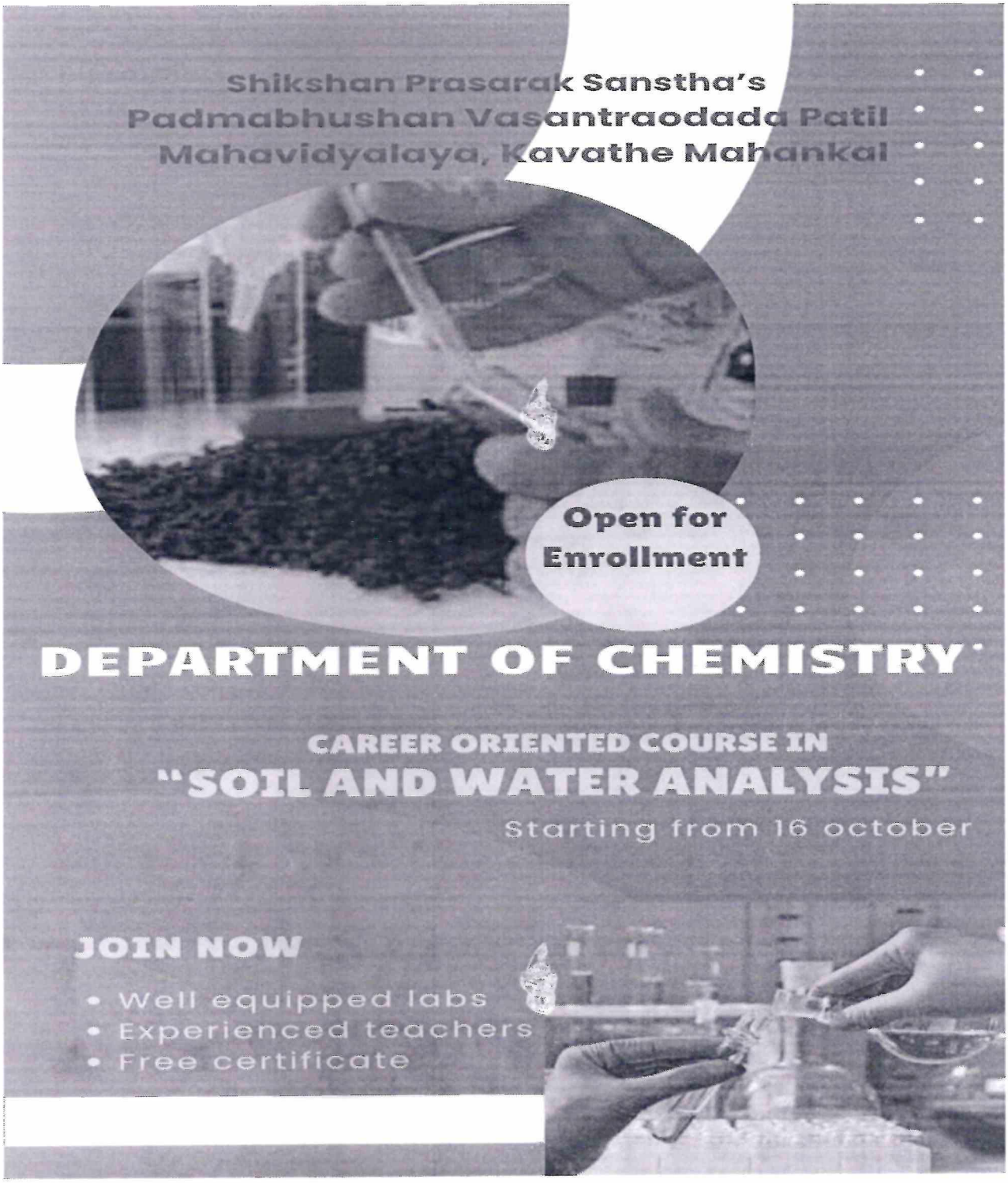
Date: 03-10-2022

NOTICE

All the students in P. V. P. college, Kavathe Mahankal are informed that, Department of Chemistry is going to start the career-oriented course in "Soil and Water analysis". The interested students are requested to enroll up to10th October, 2022.

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

BROCHURE


Shikshan Prasarak Sanstha's
Padmabhushan Vasantraodada Patil
Mahavidyalaya, Kavathe Mahankal
Open for
Enrollment
DEPARTMENT OF CHEMISTRY
CAREER ORIENTED COURSE IN
"SOIL AND WATER ANALYSIS"
Starting from 16 october
JOIN NOW
• Well equipped labs
• Experienced teachers
• Free certificate

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Board of Studies

Sr. No.	Name	Designation	Signature
1.	Asso. Prof. S. V. Patil	President	
2.	Asso. Prof. Dr. G. D. Kore	Member	
3.	Assi. Prof. A. A. Kamble	Member	
4.	Mrs. P. B. Patil	Member	
5.	Mr. T. P. Shinde	Member	

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Aims and Objectives

During the certificate course of 'Soil, Water Analysis' a candidate is trained on professional skill, professional knowledge and Employability skill related to job role.

The objectives of Soil- Water Analysis are

1. To acquire basic knowledge about soil and water
2. To support accurate analysis and water of soil affect to improve crop yield and health.
3. To provide adequate practical and basic knowledge, accurate analysis of soil and water
4. To generate skills of handling Laboratory Equipment's.
5. To learn different techniques of sampling of soil and water.
6. To study the effect of excessive use of fertilizers and irrigation resulted in the salting of soil.
7. To study excessive amount of iron, fluorides, nitrates, TDS in the water contain.

Duration:

The course will be completed in 45 hours (3 months).

Eligibility of the student:

1. The student must have the basic knowledge of chemistry.
2. Student must have passed H. Sc. Examination.
3. Student studying in institute for B.Sc.

Course outcomes:

By the end of this course students are expected,

1. To have some basic knowledge of basic knowledge of soil and water analysis.
2. To handle the laboratory equipment's required for soil analysis.
3. To manage the sampling of different soil and water samples.
4. To analyse the different parameters of soil and water

Evaluation Method:

All the students will be continuously evaluated by,

1. Internal evaluation	10 M
2. Home Assignments	10 M
3. Theory examination	40 M
4. Practical examination	30 M
5. Oral	10 M
	100 M

- Nature of Theory question paper.

Q-1. 20 Multiple choice question. (40 marks)

- Nature of practical Examination.

During Practical examination student have to perform two practical one from water analysis and one from soil analysis. Examination will be of five hours. Oral examination is conducted during practical exam.

Grades: A grade= above 60, B grade = above 50, C grade = above 40

Certification: A certificate will be issued on successful completion of the course.

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Syllabus

Theory Paper **[Total periods: 20]**

Unit – I Introduction and formation of soil **5L**

Definition of Soil, Concept of Lithosphere, Soil as a natural body, Soil Components: Air, Water, inorganic and organic solids, Formation of Soil, Factors of Soil Formation: Parent Material, Organic, Climatic, And Topographic.

Unit – II Properties of soil **5L**

A) Physical properties: - Soil Separates, Texture, Aggregation and Structure, Temperature, Color, Properties of Soil Mixture, Pore Space, Bulk Density, Particle Density, Aeration and Drainage, Compaction, Surface area, Soil water relationships.

B) Chemical Properties: - Morphology of Colloids, Chemistry of Clays, Ionic Exchange, Acidity, Alkalinity, pH, Salinity, Reactions in Liming and Acidification.

Unit-III: Importance of Water Analysis **4L**

Introduction to Hydrology: Water resources, Different ecosystem of Hydrology, Riverine, Estuarine, and marine, Status of water quality in India.

Unit-IV: Water Quality Parameters **6L**

Water quality parameters and their interaction- physical and chemical Characteristics - turbidity, color, temperature, taste, acidity, alkalinity, CO_2, hardness, P^H. EC, TDS, Total Dissolved Solid (TDS), COD, BOD, DO,

REFERENCES:

1. Backman, H.O and Brady, N.C. (1960.). The Nature and Properties of Soils, McMillan, New York.
2. Bennet, Hugh H.: Soil Conservation, McGraw Hill, New York.
3. Foth H.D. and Turk, L. M. (9172) Fundamentals of Soil science, John Wiley, New York.
4. Mc. Bride, M. B. (1999) Environmental Chemistry of Soils, Oxford University Press, New York.
5. Govinda Rajan, S.V. and Gopala Rao H. G. (9178) Studies on Soils of India Vikas, New Delhi.
6. Raychoudhuri, S. P. (1958) Soils of India, ICAR, New Delhi.

7. Russell, Sir Edward J.:(1961) Soil Conditions and Plant Growth, Wiley, New York.
8. The Chemical Analysis of Water, Hunt D.T.E., Royal Society of Chemistry, ISBN: 9780851867977
9. Water Analysis, Fresenius, Wilhelm, Quentin, Karl E., Schneider, Wilhelm, Springer, ISBN 978-3-642- 72610-1.
10. Chemistry and Water, Ahuja Satinder, Elsevier Science Publishing Co Inc, ISBN: 9780128093306.
11. Standard Analytical Procedures for Water Analysis, Hydrology Project, Government of India and Netherland, 1999.
12. Drinking Water Chemistry, Hauser Barbara, Taylor & Francis Ltd, ISBN: 9781138475311.

Practical Course (Any 10) 25 hours

1. Field Visit and Sampling of Soil Analysis.
2. Determination of water holding Capacity of Soil.
3. Determination of Moisture Content of Soil.
4. Determination of pH of Soil.
5. Determination of Electrical Conductivity of Soil.
6. Determination of Hardness of Water
7. Determination of Alkalinity of Water
8. Determination of Acidity of Water
9. Determination of pH and Conductivity of Water of Water
10. Determination of Chloride Content of Water
11. Determination of Total Solids present in Water
12. Determination of Total Dissolved Solids (TDS) present in Water
13. Determination of Free Carbon Dioxide in Water
14. Determination of Chemical Oxygen Demand (COD) of Water

REFERENCES:

1. Soil Analysis Handbook of Reference Methods, CRC Press; first edition, 20 December 1999.
2. Soil Testing and Analysis, Oxford Book Company, ISBN: 9789380179575, 9789380179575.

3. Fundamentals of Soil Science 2nd Edition by Tolanur S., CBS PUBLICATION, October 2017.
4. Principles and Methods of Soil Analysis, Edgar Richards, Franklin Classics, 2018.
5. Soil sampling and methods of analysis, M.R. Carter, CRC Press, 1993. 6. Water Analysis, Wanklyn James Alfred, Biblio Life, ISBN: 9781103755882.
7. Handbook Of Water Analysis 3rd Edition by Nollet, Taylor and Francis, ISBN:9781439889640, 2013.
8. The Chemical Analysis of Water, Hunt D.T.E., Royal Society of Chemistry, ISBN: 9780851867977.
9. Water Analysis, Fresenius, Wilhelm, Quentin, Karl E., Schneider, Wilhelm, Springer, ISBN 978-3-642- 72610-1.
10. PRACTICAL MANUAL OF WATER ANALYSIs, Priyanka Singh, ISBN-10: 9789384502294

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis Course

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theory/ Practical	Theory	Theory	Theory	Theory	Practical	Practical
Lecturer	**SVP**	**GDK**	**AAK**	**TPS**	**PBP**	**AAK**

- **The time of theory lectures will be 9:30 am to 10:30 am in chemistry lecture hall**
- **The time for practical will be 8:30 am to 11: 00 am in chemistry laboratory no. 1**
- **This lecture schedule is followed from 17th October to 5th November in first semester and 9th January to 21st January in second semester**

Course Coordinator

Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Date:15-10-2022

NOTICE

All the enrolled students are informed that, the lectures and practical's of the course will be started from **17th October** as per timetable. All the lectures will be conducted in chemistry department lecture hall. All the practical's will be conducted in chemistry laboratory no. 1 of department of chemistry.

Course Coordinator

Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

NOTICE

30/01/2023

All the enrolled students are informed that, the timetable for theory examination and practical examination of the course in "Soil and Water analysis" is as below,

Examination	Date	Time	Venue
Theory	**06/02/2023**	**9:00am to 11:00am**	**Lecture hall**
Practical	**07/02/2023**	**9:00am to 4:00pm**	**Laboratory no. 1**

Course Coordinator

Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal.Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Theory Examination

Date:**06/02/2023**

Time: **9:00am to 11:00am** Marks: 40

Name:

Instructions: 1) All questions are compulsory

2) All question carries equal marks

Que. 1. Choose the correct alternative and make a tick mark to right answer.

1. Phosphorus uptake in alkali soil in the form of _____

(A) $H_2PO_4^-$ (B) HPO_4^{2-} (C) PO_4^{3-} (D) H_3PO_4

2. Which fertilizer produce acidity in soil

(A) Ammonium sulfate (B) Sodium nitrate

(C) Calcium ammonium nitrate (D) Calcium nitrate

3. Soil colloidal particle shows the phenomena

(A) Plasticity (B) Adhesion and cohesion

(C) Flocculation (D) All of the above

4.Thiourea is type of fertilizer

(A) Slow release (B) Nitrification inhibitors

(C) Natural nitrification (D) Artificial nitrification

5. Quantity of soil to be taken for texture analysis

(A) 10g (B) 20g (C) 30g (D) 40g

6. Which genera of bacteria found maximum in soil?

(A) Azotobacter (B) Pseudomonas

(C) Bacillus (D) All of the above

7. Rain water is

(A) Basic (B) Acidic (C) Neutral (D) All of the above

8. Hardness of water is due to salts of

(A) Calcium (B) Magnesium (C) Iron (D) both a & b

9. BOD stands for..... Oxygen Demand

(A) Bottle (B) Biological (C) Botanical (D) both a & b

10. The maximum permissible limit for fluoride content in water is

(A) 1.5 mg/lit (B) 5 mg/lit (C) 0.5 mg/lit (D) 10 mg/lit

11.Mathemoglobinemia disease in infants is caused due to

(A) chlorides (B) sulphates (C) Nitrates (D) all of these

12. Blue baby disease found in infants is due to excessive ..... In drinking water

(A) chlorides (B) sulphates (C) Nitrates (D) Carbonates

13.A 25 ml sample was diluted to 250ml with odourless distilled water of so that odour of sample no longer perceivable what was threshold odor number

(A) 11 (B) 10 (C) 25 (D) 05

14.Which characteristic of water is measured by using Nessler tube

(A) Colour (B) taste (C) Dirt (D) specific conductivity

15.The most common cause of acidity in water is

(A) Nitrogen (B) Sodium Hydroxide (C) Carbon dioxide (D) calcium

16.Which of the following types of pipes is not commonly used in water supply schemes

(A) steel pipes (B) cement concrete pipes (C) Wrought iron pipes (D) PVC pipes

17. in water treatment plants the most used coagulant is

(A) alum (B) chlorine (C) bleaching powder (D) lime

18.Which out of the following does not help in disinfecting the water

(A) chlorine tablets (B) boiling (C) filtering (D) alums

19. Zero hardness of water is achieved by

A) lime soda process (B) excess lime treatment

(C) ion exchange method (D) using excess alum dosage

20. Which of the following parameter is used to determine quality of water

(A) colour (B) odor (C) taste (D) all of these

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water analysis

Practical Examination

Date:**07/02/2023**

Time: **9:00am to 04:00am** Marks: 30

Instructions: 1) All questions are compulsory

2) Each question carries 15 marks.

Q1. Perform tick marked practical in given time 15

a. Determination of Moisture Content of Soil.
b. Determination of pH of Soil.
c. Determination of Electrical Conductivity of Soil.
d. Determination of water holding Capacity of Soil.

Q2. Perform tick marked practical in given time 15

a. Determination of Hardness of Water
b. Determination of Alkalinity of Water
c. Determination of Acidity of Water
d. Determination of pH and Conductivity of Water of Water
e. Determination of Chloride Content of Water

Shikshan Prasarak Sanstha's

Padmabhushan Vasantraodada Patil Mahavidyalaya

Kavathe Mahankal , Sangli

Affiliated to Shivaji University, Kolhapur

Department of Chemistry

Career Oriented Course in

"Soil and Water Analysis"

This is to certify that Mr./Miss .....has participated actively and completed successfully the short term course "A Certificate Course in Soil and Water Analysis" organized and arranged by the department of Chemistry.

Mr. Kamble A .A.
COURSE COORDINATOR

Mr. Patil S. V.
HEAD OF DEPARTMENT

CERTIFICATE FORMAT

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water Analysis

RESULT

Sr. no	NAME OF STUDENT	I. E.	H. A.	THEORY	PRACTICAL	ORAL	TOTAL	GRADE
1	Attar Tahir Gulab	8	8	30	24	6	76	A
2	Avasare Girish Pandurang	9	8	32	24	6	79	A
3	Bhat Mane Manoj Vijay	7	8	34	25	5	79	A
4	Bhosale Prakash Sudhakar	8	8	32	26	7	81	A
5	Bhosale Rohan Yashwant	6	9	34	24	6	79	A
6	Bhosale Rushikesh Anil	9	8	34	23	7	81	A
7	Bhosale Sharaddha Dattatraya	9	8	32	26	8	83	A
8	Bhosale Sweta Abaso	8	7	34	24	8	81	A
9	Bhosale Tejas Dhairshell	9	8	30	23	7	77	A
10	Chandanshive Snehal Jitendra	7	9	28	25	6	75	A
11	Chavan Akshay Maruti	9	8	26	25	7	75	A
12	Chavan Komal Anil	8	7	26	26	8	75	A
13	Chavan Mohan Sanjay	7	8	28	23	7	73	A
14	Chavan Pranali Pravin	8	7	34	25	6	80	A
15	Chavan Sanket Ramesh	9	8	26	24	7	74	A
16	Chavan Subhash Balvant	7	9	32	24	8	80	A
17	Chougule Priyanka Bapuso	8	8	34	23	6	79	A
18	Desai Ruturaj Appa	9	9	30	22	7	77	A
19	Devkate Komal	7	8	30	21	8	74	A
20	Firme Prathamesh Anil	7	9	34	23	6	79	A
21	Gherade Avinash Vilas	8	8	34	21	7	78	A
22	Gherade Yuvraj Vasant	9	9	34	24	6	82	A
23	Gidde Aishwarya Dilip	8	8	32	21	7	76	A
24	Gorad Sagar Sambhaji	7	9	32	25	6	79	A
25	Gujale Rohit Sanjay	9	8	36	25	7	85	A
26	Hajare Pooja Annaso	7	9	34	26	6	82	A
27	Hankare Amol Jaysing	8	8	32	24	7	79	A
28	Hubale Priyanka Prakash	9	8	34	25	6	82	A
29	Hunmane Ganesh Sambhaji	8	8	32	27	7	82	A
30	Imade Monika Vilas	7	9	34	24	6	80	A
31	Jadhav Neha Rajiv	8	8	32	23	7	78	A

69	Patole Aditya Anil	8	8	32	23	7	78	A
70	Phonde Supriya Mayappa	7	9	28	25	6	75	A
71	Salunkhe Aishwarya Popat	9	8	26	25	7	75	A
72	Salunkhe Pratiksha Mohan	8	7	26	26	8	75	A
73	Salunkhe Rutuja Bapu	8	8	32	21	7	76	A
74	Shinde Pragati Pandit	7	9	32	25	6	79	A
75	Shingade Sanjay Govind	9	8	36	25	7	85	A
76	Suryawanshi Ruturaj Yuvraj	8	7	26	26	8	75	A
77	Sutar Nikita Nivrutti	8	8	32	21	7	76	A
78	Thokale Prashik Dattatraya	7	9	32	25	6	79	A
79	Thombare Vikram babao	9	8	36	25	7	85	A
80	Waghmare Pratik Annaso	8	7	26	26	8	75	A
81	Waghmare Shubham Suresh	8	8	32	21	7	76	A

Cource Coordinator

Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water Analysis

THEORY LECTURE/ PRACTICAL ATTENDANCE

Sr.no	NAME OF STUDENT	Date														
		17 oct	18 oct	19 oct	20 oct	21oct	22 oct	24 oct	25 oct	26 oct	27oct	28 oct	29 oct	31oct	1 Nov	2 Nov
1	Attar Tahir Gulab	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	Ab	TGAttar	TGAttar	TGAttar	Ab	TGAttar	TGAttar	TGAttar
2	Avasare Girish Pandurang	GPAvasare	Ab	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	Ab	GPAvasare
3	Bhat Mane Manoj Vijay	M.V.Bhat	M.V.Bhat	Ab	M.V.Bhat	M.V.Bhat	M.V.Bhat	Ab	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat
4	Bhosale Prakash Sudhakar	PSBhosale	PSBhosale	PSBhosale	PSBhosale	Ab	PSBhosale	PSBhosale	PSBhosale	PSBhosale	Ab	PSBhosale	PSBhosale	PSBhosale	PSBhosale	Ab
5	Bhosale Rohan Yashwant	RYBhosale	Ab	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	Ab	RYBhosale	RYBhosale	RYBhosale	RYBhosale
6	Bhosale Rushikesh Anil	ABBhosale	ABBhosale	Ab	ABBhosale	ABBhosale	ABBhosale	ABBhosale	ABBhosale	Ab	ABBhosale	ABBhosale	ABBhosale	ABBhosale	ABBhosale	ABBhosale
7	Bhosale Sharaddha Dattatraya	BSD.	BSD	BSD	BSD	BSD	Ab	BSD	BSD	BSD.	BSD	BSD	BSD	Ab	BSD	BSD.

8	Bhosale Sweta Abaso	Bosale	Bosale	Bosale	A b	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale	Bosale
9	Bhosale Tejas Dhairshell	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale	@Bhosale
10	Chandanshive Snehal Jitendra	Shende	A b	Shende	Shende	Shende	A b	Shende.	Shende	Shende	Shende	Shende	A b	Shende	Shende
11	Chavan Akshay Maruti	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	A b	Chavan	Chavan	Chavan	Chavan	Chavan
12	Chavan Komal Anil	Kchavan	Kchavan	A b	Kchavan	Kchavan	Kchavan	Kchavan	Kchavan	Kchavan	A b	Kchavan	Kchavan	Kchavan	Kchavan
13	Chavan Mohan Sanjay	Chavan	Chavan	Chavan	Chavan	A b	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	A b
14	Chavan Pranali Pravin	Pchavan	A b	Pchavan	Pchavan	Pchavan	Pchavan	Pchavan	Pchavan	Pchavan	Pchavan	Pchavan	A b	Pchavan	Pchavan
15	Chavan Sanket Ramesh	SPC	SPC	SPC	A b	SPC	SPC	SPC	SPC	SPC	SPC	SPC	SPC	SPC	SPC
16	Chavan Subhash Balvant	A b	SChavan	SChavan	SChavan	SChavan	SChavan	SChavan	A b	SChavan	SChavan	SChavan	SChavan	SChavan	SChavan

17	Chougule Priyanka Bapuso	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
18	Desai Ruturaj Appa	Ab	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai
19	Devkate Komal	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate
20	Firme Prathamesh Anil	P. Firme	A b	P. Firme	A b	P. Firme	P. Firme	P. Firme	A b	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme
21	Gherade Avinash Vilas	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A b	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade
22	Gherade Yuvraj Vasant	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	A b	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade	Gherade
23	Gidde Aishwarya Dilip	A b	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde
24	Gorad Sagar Sambhaji	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad	S. Gorad
25	Gujale Rohit Sanjay	R. Gujale	A b	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale

26	Hajare Pooja Annaso	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
27	Hankare Amol Jaysing	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	Ab	[signature]	[signature]	[signature]	[signature]
28	Hubale Priyanka Prakash	[signature]	[signature]	[signature]	[signature]	Ab	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	Ab	[signature]	[signature]
29	Hunmane Ganesh Sambhaji	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	Ab	[signature]	[signature]	Ab	[signature]	[signature]	[signature]
30	Imade Monika Vilas	[signature]	Ab	[signature]	[signature]	[signature]	Ab	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
31	Jadhav Neha Rajiv	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	Ab	[signature]	[signature]	[signature]	[signature]	[signature]	Ab	[signature]
32	Jadhav Sandip Sadashiv	[signature]	[signature]	Ab	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	Ab	[signature]	[signature]	[signature]	[signature]	[signature]
33	Jagtap Akanksha Dinkar	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]
34	Jagtap Gaurav Sambhaji	Ab	[signature]	[signature]	Ab	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	Ab

35	Jankar Nikhil Balaso	NBJankar	NBJankar	NBJankar	Ab	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	NBJankar	Ab
36	Kadam Vishal Raghunath	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	VRKadam	Ab	VRKadam	VRKadam	VRKadam
37	Kalel Amol Balu	AKB	AKB	AKB	AKB	AKB	AKB	AKB	AKB	AKB	AKB	AKB	AKB	Ab	AKB	AKB	AKB	AKB	AKB	AKB	AKB
38	Kashid Anagha Vitthal	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	Ab	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV	KashidAV
39	Kashid Rohini Bapurao	R.B.Kashid	Ab	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid	R.B.Kashid
40	Katkar Shubham Sanjay	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	Ab	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar	S.S.Katkar
41	Khandekar Ajit Suresh	Ab	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	Ab	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit	VKAjit
42	Khot Aditya Ramesh	ADKhot	ADKhot	ADKhot	ADKhot	Ab	ADKhot	ADKhot	ADKhot	ADKhot	ADKhot	ADKhot	ADKhot	ADKhot	ADKhot	ADKhot	Ab	ADKhot	ADKhot	ADKhot	ADKhot
43	Kodag Vijay Rajaram	VRKodag	VRKodag	Ab	VRKodag	VRKodag	VRKodag	Ab	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag	VRKodag

44	Koli Vaibhav Sambhaji	Vskoli	Vskoli	Ab	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Ab	Ab
45	Kore Pratiksha Dharma	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Ab	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore	Pdkore
46	Koshti Karan Sunilkumar	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Ab	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti	Kskoshti
47	Kumbhar Dnyaneshwar Shankar	Dskumbhar	Dskumbhar	Ab	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar	Dskumbhar
48	Kumbhar Nikhita Balaso	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar	Ab	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar	Nbkumbhar
49	Kumbhar Sachin Sopan	SBK	Ab	SBK	SBK	SBK	SBK	SBK	SBK	SBK	SBK	SBK	SBK	Ab	SBK	SBK
50	Limkar Onkar Balasaheb	Ab	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar
51	Mali Aishwarya Akaram	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali	Amali
52	Mali Amruta Bhupal	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali

53	Mali Rutuja Vilas	Rumali	Rumali	Ab	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali
54	Mali Vaibhav Madhukar	Amai	Amai	Amai	Amai	Amai	Amai	Amai	Amai	Amai	Amai	Ab	Amai	Amai	Amai	Amai
55	Mane Prashant Pandit	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Ab
56	Mane Prathmesh Jaideep	Pmane	Ab	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Ab	Pmane	Pmane	Pmane
57	Mane Vaishnavi Sahadev	Ab	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Ab	Smane	Smane
58	Mulla Muskan J.	M.Mulla	M.Mulla	M.Mulla	Ab	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	Ab	M.Mulla
59	Narale Vaishnavi Ganesh	N.V.G	N.V.G	N.V.G	N.V.G	Ab	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	Ab	N.V.G	N.V.G	N.V.G	N.V.G
60	Patil Chandrkala Balasaheb	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil
61	Patil Gayatri Vilas	Gayatripatil	Gayatripatil	Ab	Gayatri	Gayatripatil	Gayatripatil	Gayatripatil	Ab	Gayatripatil	Gayatripatil	Gayatripatil	Gayatripatil	Ab	Gayatripatil	Gayatripatil

62	Patil Rohit Balaso	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	A b	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil
63	Patil Rohit Vinod	Rohit Patil	A b	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil
64	Patil Sharad Chandrakant	R.T. Patil	R.T. Patil	A b	R.T. Patil	R.T. Patil	R.T. Patil	R.T. Patil	R.T. Patil	A b	R.T. Patil	R.T. Patil	R.T. Patil	R.T. Patil	R.T. Patil	R.T. Patil
65	Patil Sudhir Hanmant	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	A b	Patil	A b	A b
66	Patil Sumit Vasant	Patilsu	Patilsu	Patilsu	A b	Patilsu	Patilsu	Patilsu	Patilsu	Patilsu	Patilsu	Patilsu	Patilsu	A b	Patilsu.	Patilsu
67	Patil Sushant Sanjay	Patil	Patil	Patil	Patil	Patil	Patil	Patil	A b	Patil	Patil	Patil	Patil	Patil	Patil.	Patil
68	Patkure Supriya Appaso	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	A b	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure
69	Patole Aditya Anil	Patole	A. Patole	Patole	Patole	Patole	Patole	Patole	Patole	A b	Patole	Patole	Patole	Patole	Patole	Patole
70	Phonde Supriya Mayappa	Phond	A b	Phond	Phond	Phond	Phond	Phond	A b	Phond	Phond	Phond	Phond	Phond	Phond	Phond

71	Salunkhe Aishwarya Popat	Ab	Present	Present	Present	Present	Present	Present	Present	Present
72	Salunkhe Pratiksha Mohan	Present	Present	Present	Present	Present	Present	Present	Present	Present
73	Salunkhe Rutuja Bapu	Present	Present	Present	Ab	Present	Present	Ab	Present	Present
74	Shinde Pragati Pandit	Present	Present	Present	Present	Present	Present	Present	Present	Present
75	Shingade Sanjay Govind	Present	Present	Present	Present	Present	Present	Ab	Present	Present
76	Suryawanshi Ruturaj Yuvraj	Present	Present	Ab	Present	Present	Present	Present	Ab	Present
77	Sutar Nikita Nivrutti	Present	Present	Present	Present	Ab	Present	Present	Present	Present
78	Thokale Prashik Dattatraya	Present	Present	Present	Ab	Present	Present	Present	Present	Present
79	Thombare Vikram babao	Present	Ab	Present	Present	Present	Present	Present	Ab	Present

80	Waghmare Pratik Annaso	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
81	Waghmare Shubham Suresh	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P

Course Coordinator

Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal,Dist-Sangli

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF CHEMISTRY

Soil and Water Analysis

THEORY LECTURE/ PRACTICAL ATTENDANCE

Sr.no	NAME OF STUDENT	Date														
		2 Nov	4 Nov	5 Nov	9 Jan	10 Jan	11 Jan	12 Jan	13 Jan	14 Jan	16 Jan	17 Jan	18 Jan	19 Jan	20 Jan	21 Jan
1	Attar Tahir Gulab	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	Ab	TGAttar	TGAttar	TGAttar	TGAttar	TGAttar	Ab
2	Avasare Girish Pandurang	Ab	GPAvasare	GPAvasare	GPAvasare	Ab	GPAvasare	GPAvasare	GPAvasare	GPAvasare	GPAvasare	Ab	GPAvasare	GPAvasare	GPAvasare	GPAvasare
3	Bhat Mane Manoj Vijay	MVBhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat	M.V.Bhat
4	Bhosale Prakash Sudhakar	PSBhosale	PSBhosale	PSBhosale	PSBhosale	PSBhosale	PSBhosale	Ab	PSBhosale	PSBhosale	Ab	PSBhosale	PSBhosale	PSBhosale	PSBhosale	PSBhosale
5	Bhosale Rohan Yashwant	Ab	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale	RYBhosale
6	Bhosale Rushikesh Anil	ABBsal	ABBsal	ABBsal	Ab	ABBsal	ABBsal	ABBsal	ABBsal	Ab	ABBsal	ABBsal	ABBsal	ABBsal	ABBsal	ABBsal
7	Bhosale Sharaddha Dattatraya	BSD.	Ab	BSD.	BSD.	BSD.	BSD.	BSD.	BSD.	BSD.	BSD.	BSD.	BSD.	Ab	BSD.	BSD.

8	Bhosale Sweta Abaso	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
9	Bhosale Tejas Dhairshell	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	ABhosale	A b	Bhosale
10	Chandanshive Snehal Jitendra	A b	Shekander	Shekander	Shekander	Shekander	Shekander	Shekander	Shekander	Shekander	A b	Shekander	Shekander	Shekander	Shekander	Shekander
11	Chavan Akshay Maruti	Chavan	Chavan	Chavan	Chavan	A b	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	A b	Chavan	Chavan
12	Chavan Komal Anil	Kachru	A b	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru	Kachru
13	Chavan Mohan Sanjay	Baikwad	Baikwad	Baikwad	Baikwad	Baikwad	Baikwad	A b	Baikwad	Baikwad	Baikwad	Baikwad	Baikwad	Baikwad	Baikwad	Baikwad
14	Chavan Pranali Pravin	A b	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	A b	Chavan
15	Chavan Sanket Ramesh	Chavan	Sapre	Sapre	A b	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	A b	Sapre	Sapre	Sapre	Sapre
16	Chavan Subhash Balvant	Sapre	A b	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre	Sapre

17	Chougule Priyanka Bapuso	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
18	Desai Ruturaj Appa	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini
19	Devkate Komal	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate	K. Devkate
20	Firme Prathamesh Anil	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme	P. Firme
21	Gherade Avinash Vilas	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade	A. Gherade
22	Gherade Yuvraj Vasant	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj	Gherade Yuvraj
23	Gidde Aishwarya Dilip	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde	A. Gidde
24	Gorad Sagar Sambhaji	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
25	Gujale Rohit Sanjay	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale	R. Gujale

26	Hajare Pooja Annaso	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare	Hajare
27	Hankare Amol Jaysing	Hankare	Hankare	Hankare	Hankare	Hankare	Ab	Hankare	Hankare	Hankare	Hankare	Hankare	Hankare	Hankare	Ab	Hankare
28	Hubale Priyanka Prakash	Phubale	Phubale	Phubale	Ab	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale	Phubale
29	Hunmane Ganesh Sambhaji	Hunmane	Hunmane	Hunmane	Hunmane	Hunmane	Hunmane	Ab	Hunmane	Hunmane	Hunmane	Hunmane	Hunmane	Ab	Hunmane	Hunmane
30	Imade Monika Vilas	Monika	Monika	Monika	Monika	Ab	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Ab	Monika
31	Jadhav Neha Rajiv	Ab	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Ab	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
32	Jadhav Sandip Sadashiv	Sjadhav	Sjadhav	Ab	Sjadhav	Sjadhav	Sjadhav	Sjadhav	Sjadhav	Sjadhav	Sjadhav	Sjadhav	Ab	Sjadhav	Sjadhav	Sjadhav
33	Jagtap Akanksha Dinkar	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap	Ajagtap
34	Jagtap Gaurav Sambhaji	Gaurav	Ab	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Ab	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav

	35	36	37	38	39	40	41	42	43
	Jankar Nikhil Balaso	Kadam Vishal Raghunath	Kalel Amol Balu	Kashid Anagha Vitthal	Kashid Rohini Bapurao	Katkar Shubham Sanjay	Khandekar Ajit Suresh	Khot Aditya Ramesh	Kodag Vijay Rajaram
1	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
2	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	A b	Adukhot	VRKodag
3	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	A b
4	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	A b	VJAjit	Adukhot	VRKodag
5	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	A b	VRKodag
6	NBajpai	VRKadam	AKB	KashidAV	A b	S.S.Kathar	VJAjit	Adukhot	VRKodag
7	NBajpai	VRKadam	A b	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
8	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
9	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
10	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
11	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
12	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
13	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
14	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag
15	NBajpai	VRKadam	AKB	KashidAV	R.B.Kashid	S.S.Kathar	VJAjit	Adukhot	VRKodag

44	Koli Vaibhav Sambhaji	Ab	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli	Vskoli
45	Kore Pratiksha Dharma	Pkore	Pkore	Pkore	Pkore	Pkore	Ab	Pkore	Pkore	Pkore	Pkore	Pkore	Pkore	Pkore	Pkore.	Pkore.
46	Koshti Karan Sunilkumar	Ab	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Kskoshi	Ab	Kskoshi	Kskoshi
47	Kumbhar Dnyaneshwar Shankar	Dkwar	Dkwar.	Ab	Dkwar.	Dkwar	Dkwar	Dkwar	Dkwar	Dkwar	Dkwar	Dkwar	Dkwar	Dkwar	Ab	Dkwar
48	Kumbhar Nikhita Balaso	Nkumbhar	Nkumbhar	Nkumbhar	Nkumbhar	Nkumbhar	Ab	Nkumbhar	Nkumbhar	Nkumbhar	Nkumbhar	Nkumbhar	Nkumbhar	Nkumbhar	Nkumbhar	Ab.
49	Kumbhar Sachin Sopan	SSK	Ab	SSK	SSK	SSK	SSK	SSK	Ab	SSK	SSK	SSK	SSK	SSK	SSK	SSK
50	Limkar Onkar Balasaheb	OBlimkar	OBlimkar	OBlimkar	OBlimkar	Ab	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	OBlimkar	Ab	OBlimkar	OBlimkar	OBlimkar
51	Mali Aishwarya Akaram	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Amali	Amali
52	Mali Amruta Bhupal	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali	Ab	Amali	Amali	Amali	Amali	Amali

53	Mali Rutuja Vilas	Ab	Rumali	Rumali	Rumali	Rumali	Ab	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali	Rumali
54	Mali Vaibhav Madhukar	Amai	Amai	Amai	Amai	Ab	Amai	Amai	Amai	Amai	Amai	Amai	Ab	Amai	Amai	Amai
55	Mane Prashant Pandit	Pmane	Pmane	Ab	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Ab	Pmane	Pmane	Pmane	Pmane
56	Mane Prathmesh Jaideep	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane	P.mane
57	Mane Vaishnavi Sahadev	V.mane	V.mane	V.mane	Ab	V.mane	V.mane	V.mane	V.mane	V.mane	Ab	V.mane	V.mane	V.mane	V.mane	Ab
58	Mulla Muskan J.	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	Ab	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla	M.Mulla
59	Narale Vaishnavi Ganesh	N.V.G	N.V.G	N.V.G	N.V.G	Ab	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G	N.V.G
60	Patil Chandrkala Balasaheb	C.B.Patil	C.B.Patil	Ab	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	C.B.Patil	Ab	C.B.Patil	C.B.Patil
61	Patil Gayatri Vilas	Ab	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	GayatriPatil	Ab

62	Patil Rohit Balaso	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil	R.B. Patil
63	Patil Rohit Vinod	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Ab	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil	Rohit Patil
64	Patil Sharad Chandrakant	Ab	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil	S.T. Patil
65	Patil Sudhir Hanmant	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Ab	Shakil	Shakil	Shakil
66	Patil Sumit Vasant	Patilsv.	Patilsv.	Ab	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.	Patilsv.
67	Patil Sushant Sanjay	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Ab	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil	Shakil
68	Patkure Supriya Appaso	Ab	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	Ab	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure	S.A. Patkure
69	Patole Aditya Anil	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Ab	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole	Apatole
70	Phonde Supriya Mayappa	Present	Ab	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Ab.	Present	Present	Present	Present	Present	Present

71	Salunkhe Aishwarya Popat	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
72	Salunkhe Pratiksha Mohan	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe
73	Salunkhe Rutuja Bapu	Salunkhe	Salunkhe	Salunkhe	Absent	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Absent	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe
74	Shinde Pragati Pandit	Present	Present	Present	Present	Present	Absent	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
75	Shingade Sanjay Govind	Sashingade	Sashingade	Absent	Sashingade	Sashingade	Sashingade	Sashingade	Sashingade	Sashingade	Sashingade	Sashingade	Sashingade	Sashingade	Absent	Sashingade	Sashingade	Absent	Sashingade	Sashingade	Sashingade
76	Suryawanshi Ruturaj Yuvraj	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi
77	Sutar Nikita Nivrutti	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
78	Thokale Prashik Dattatraya	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale	Pathokale
79	Thombare Vikram babao	Thombare	Thombare	Absent	Thombare	Thombare	Thombare	Thombare	Thombare	Thombare	Thombare	Absent	Thombare	Thombare	Thombare	Thombare	Thombare	Thombare	Thombare	Thombare	Thombare

80	Waghmare Pratik Annaso	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
81	Waghmare Shubham Suresh	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P

Course Coordinator

Head

Head
Department Of Chemistry
P. V. P. Mahavidyalaya,
K.Mahankal.Dist-Sangli