

RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR.

NAME OF THE COURSE- "CERTIFICATE COURSE IN, PREPARATION OF HOUSE
HOLD CHEMICALS"

DEPARTMENT- DEPARTMENT OF CHEMISTRY.

COURSE IMPLEMENTATION YEAR- 2013.

CO-ORDINATOR NAME- Dr. KISHOR VINAYAK GAIKWAD.



CONTACT NUMBER – 9175916272.

DURATION- 03 MONTHS **COURSE FEE-** 300 Rs.

ELIGIBILITY- 12th SCIENCE.

INTAKE CAPACITY (Maximum) – 50.

OBJECTIVES OF THE COURSE-

1. To make availability of self employment.
2. To develop confidence for doing job.
3. To develop skills required for job.
4. To develop skills of market survey.
5. To develop knowledge of domestic chemicals.
6. To develop skill of subject knowledge on applied basis.

LEARNING OUTCOMES-

1. Understand the concept of different types of household chemicals in the context of Chemistry.
2. Develop laboratory experiment related skills.
3. On completion of this course students get motivated to do a job in chemical fields by applying their knowledge.
4. Students prepare such a household chemicals and directly sell them into the market.

Syllabus

Paper- I: - Basic concept of household chemicals [30 Marks]

Unit I:- Basic Concepts in Domestic chemicals [10 Marks]

- 1.1 Mole concepts.
- 1.2 Concentration
- 1.3 Units of concentration
- 1.4 Normality
- 1.5 Molarity
- 1.6 Molality
- 1.7 Mole Fraction
- 1.8 Percentage composition by volume
- 1.9 Percentage composition by weight.



Unit II:- Domestic chemicals [10 Marks]

- 1.10 Introduction of House chemicals or domestic chemicals and their uses.
- 1.11 Sanitary acids
- 1.12 Phenyl
- 1.13 Liquid soaps; Lysol, Dettol, Savalon.
- 1.14 Acids –bases
- 1.15 General introduction
- 1.16 Theory
- 1.17 Types and Strength of acids
- 1.18 Cleaning action of acids and Handling and precautions
- 1.19 Antiseptic and Disinfectant

Unit III: - Titration [10 Marks]

- 3.1 General introduction
- 3.2 Types of titration
- 3.3 Indicators(Artificial and Natural)
- 3.4 Theory and types.

Paper- II :- Mechanism, precaution and cleaning action of household chemicals [30 Marks]

Unit I: - Soaps and detergents

[20 Marks]

- 1.1 Introduction of Soaps
- 1.2 Theory and types
- 1.3 Raw materials
- 1.4 Types of soaps
- 1.5 Manufacture of soaps, Hot Process
- 1.6 Cleaning action of soaps
- 1.7 Introduction of Detergents
- 1.8 Raw materials
- 1.9 Types of detergents, Cationic, anionic, amphoteric and neutral
- 1.10 Preparation of teepol and deriphath.
- 1.11 Comparison between soaps and detergents.



Unit II: - Phenols

[05 Marks]

- 2.1 Introduction of Phenol
- 2.2 Methods of synthesis of Phenols
- 2.3 Physical properties
- 2.4 Chemical properties
- 2.5 Uses

Unit III: - Phenyl

[05 Marks]

- 3.1 Preparation
- 3.2 Ingredients and uses
- 3.3 Advantage and drawback of phenyl.

Paper- III :- Practical's



[40 Marks]

- 1) Volumetric titration
- 2) Conduct metric titration
- 3) Preparation of standard solutions
- 4) Preparation of phenyls
- 5) Preparation of dyes
- 6) Preparation of Soap
- 7) Preparation of Detergent Powder
- 8) Preparation of Liquid Soap
- 9) Preparation of Neel
- 10) Preparation and uses of Natural Indicators.

Time Table-

Sr. No	Day	Time
01	Monday	10.00 to 11.00 am
02	Tuesday	10.00 to 11.00 am
03	Wednesday	10.00 to 11.00 am
04	Thursday	10.00 to 11.00 am
05	Friday	10.00 to 11.00 am
06	Saturday	09.00 to 12.00 pm

Nature of Examination Pattern/ Rubrics: -

- Paper- I: - Basic concept of household chemicals - 30 Marks
- Paper- II:- Mechanism, precaution and cleaning action of household chemicals - 30 Marks.
- Paper- III :- Practical- 40 Marks.

**RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHH. SHAHU COLLEGE, KOLHAPUR.**

DEPARTMENT OF CHEMISTRY

12/11/2025

Notice

All the students of the college are informed that, Certificate course **“Preparation of Household Chemicals”** is being started in our college From 1st Dec 2025 by the Department of Chemistry; all the interested students should submit their names to the Coordinator Dr. K. V. Gaikwad Sir.



Coordinator
Dr. K. V. Gaikwad



head
Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur.



I/C PRINCIPAL
R.C. SHAHU COLLEGE
KOLHAPUR

RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHH. SHAHU COLLEGE, KOLHAPUR.

DEPARTMENT OF CHEMISTRY

Time Table 2025-26

Sr. No	Time	Mon	Tue	Wed	Thu	Fri	Sat
1	10-11am.	KVG	AAS	SSH	PSK	KVG	
2	9-11am.						KVG/AAS/PSK PRACTICAL

APS - Miss. A. A. Shinde

SSH- Smt. S. S. Hendre.


PSK- Miss. P. S. Kamble.

KVG- Dr. K. V. Gaikwad.


Head

Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur




Coordinator
Dr. K. V. Gaikwad


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KOLHAPUR

RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR
DEPARTMENT OF CHEMISTRY
PREPARATION OF HOUSEHOLD CHEMICAL COURSE
YEAR -2025-2026 EXAMINATION



SUBJECT- BASIC CONCEPT OF HOUSEHOLD CHEMICALS (Paper-I)

Date: 0 / 03 / 2026

Day: Monday

TIME: 11.00 am to 12.30 pm

Marks: 30

Q.1] Select the most correct alternative from the following and rewrite the sentence. [05 M]

- i) According to Lux – flood concept base is
- a) Electron pair acceptor b) Proton donor c) Oxide ion acceptor d) Oxide ion donor
- ii) HCl and H₂SO₄ are Acids.
- a) Monoacid b) Diacid c) Triacid d) Strong Acids
- iii) Equivalent weight of NaOH is
- a) 40 b) 50 c) 30 d) 60
- iv) Molecular weight is also known as
- a) Chemical Equivalent b) molecular mass
- c) Both a & b d) None of the above
- v) The number of moles of solute present in 1000 gms of solvent is known as
- a) Normality b) Molarity c) Molfraction d) Molality.

Q.2] Answer the following questions (Any three) [15M]

- i) If 135gm of HCl is dissolved up to one liter of water. Calculate Normality of HCl solution.
- ii) Explain Lux – flood concept of acid & base
- iii) What are Natural Indicators Explain its use and method of preparation
- iv) Discuss the House hold chemicals in day to day life with suitable examples
- v) Explain in detailed the concept of Molarity.

Q.3] Attempt any one of following. [10M]

- i) Explain the preparation of Dyes from plants in Detail.
- ii) Explain the *Bronsted-Lowry theory* of acids & bases with suitable example.

RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR
DEPARTMENT OF CHEMISTRY
PREPARATION OF HOUSEHOLD CHEMICAL COURSE
YEAR -2025-2026 EXAMINATION

SUBJECT- MECHANISM, PRECAUTION AND CLEANING ACTION OF HOUSEHOLD CHEMICALS (Paper-II)



Date: 9/03 / 2026

Day: Monday

TIME: 01.30 pm to 03.00 pm

Marks: 30

Q.1] Select the most correct alternative from the following and rewrite the sentence. [05M]

- i) Phenol which on reduction by using Raney Ni catalyst to form.....
a) Cyclohexane b) Cyclohexanol c) Cyclohexanone d) Cyclohexene
- ii) The general formula of Alcohol is.....
a) R-OH b) R-O-Ar c) Ar-OH d) Ar-SH
- iii) Alkali that cannot be used for soap making from oil
a) Caustic soda b) Caustic potash c) Ethanol amine d) Any of these
- iv) talc and magnesium carbonate are used as.....
a) Optical brightner b) Fixative c) Coloring pigments d) Fillers
- v) Deriphat is an
a) Anionic detergent b) Cationic detergent c) Ampholytic detergent d) All of the above

Q.2] Answer the following questions (Any three) [15M]

- i) Describes the synthesis of Deriphat.
ii) What are the types of Detergent
iii) What are the raw material used in Soap preparation
iv) Explain Antiseptic and Disinfectant
v) Describes Acylation reaction on Alcohol.

Q.3] Attempt any one of following. [10 M]

- i) Explain the difference between Soap and Detergents
ii) What is mean by Soap? Explain types of Soaps and its application.

RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR

DEPARTMENT OF CHEMISTRY

PREPARATION OF HOUSHOLD CHEMICAL COURSE

2025-26 EXAMINATION

SUBJECT: - Practical Course Paper III



DATE; -9/03/2026

DAY: - Monday

TIME: - 11.00 am to 2.00 pm

Marks: - 40

Que: 1. Synthesis of white Phenyl [15 Marks]

Que: 2. Preparation and standardization of any acid or base solution. [15 Marks]

Que: 3. Market Survey of soaps, liquid soaps. [05 Marks]

Que: 4. Viva-voce [05 Marks]

RAYAT SHIKSHAN SANSTHA'S

RAJARSHI CHH. SHAHU COLLEGE, KOLHAPUR.



"CERTIFICATE COURSE IN PREPARATION OF HOUSE HOLD CHEMICALS" -2025-26

MARK LIST

- 18 March 2026.

Sr. No.	Name of Students	Paper I	Paper II	Practical	Total
1	Attar Tehsin Iqbal	20	22	33	75
2	Bargir Iliyas Rahim	22	22	33	77
3	Bhosale Shivani Satappa	24	26	37	87
4	Bhosale Srushti Jaywant	22	22	34	78
5	Bidave Madhuri Dattatray	20	20	32	72
6	Chabukswar Jishan Munna	17	28	37	82
7	Chougale Saurabh Ananda	20	22	33	75
8	Chouhan Durgadevi jawahir	24	26	38	88
9	Dhanvant Rupesh Manohar	22	24	33	79
10	Gadkari Aftab Mehboob	22	24	39	85
11	Gadkari Shivani Sachin	20	22	33	75
12	Kambale Pranav Sarjerao	20	24	34	78
13	Kasture Onkar Shivshankar	22	24	38	84
14	Khan Saymakhatoon Fakhruddin	17	28	37	82
15	Khot Sonali Suresh	20	22	34	76
16	Kumbhar Gayatri Sachin	22	22	33	77
17	Lad Rushikesh ramesh	20	22	34	76
18	Majgaonkar Suhani Arun	22	22	34	78
19	Mane Pratiksha prakash	20	20	32	72
20	Morbale Rutuja Rahul	20	24	35	79
21	Patil Apurva Vasant	20	22	33	75
22	Patil Omkar Bhausahab	20	22	33	75
23	Patil Saurabh ganapati	22	24	33	79

24	Patil Tejasvini Sunil	17	26	35	78
25	Pawar Raturaj Ambadas	20	22	33	75
26	Pawar Vishakha Balasaheb	20	24	34	78
27	Sawant Prithviraj Mangesh	17	26	35	78
28	Sawant Sakshi Sachin	20	24	35	79
29	Shaikh Mahamadsad Altaf	20	22	33	75
30	Taral Sourabh Prakash	20	24	34	78

Rank	Name of the student	%
1	Bhosale Shivani Satappa	87
2	Gadkari Aftab Mehboob	85
3	Khan Saymakhatoon Fakhruddin	82


Course Co-coordinator
[Dr. K. V. Gaikwad]




Head
Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur


I/C PRINCIPAL
R.C. SHAHU COLLEGE
KOLHAPUR

Rayat Shikshan Sanstha's

Rajarshi Chhatrapati Shahu College, Kolhapur.
Department of Chemistry




Report on,


“Preparation of Household Chemicals 2025-26”


The Department of Chemistry organize the certificate Short term course on **“Preparation of Household chemicals”** for M.Sc I students, for the academic year 2025-26. The main objective of this course is 1. To make availability of self employment. 2. To develop confidence for doing job. 3. To develop skills required for job. 4. To develop skills of market survey. 5. To develop knowledge of domestic chemicals. 6. To develop skill of subject knowledge on applied basis. For this course the fees of **Rs-300** charged for the students. **Total 30 students** admitted for this course.


Our Students learn to do various volumetric titrations, Conductometric titration, Preparation of standard solutions, Preparation of phenyls, Preparation of Soap, Preparation of Detergent Powder, Preparation of Liquid Soap and Preparation of Neel. During theory lectures they understand the Basic Concepts in Domestic chemicals like Mole concepts, Concentration, Units of concentration, Normality, Molarity, Molality, Mole Fraction, Percentage composition by volume, Percentage composition by weight etc. Our students participated and Sell their phenyl, Neel Liquid soap in Trade fair which was organized by Dept of Commerce. **Dr. K. V. Gaikwad** worked as a Coordinator for this course.

Outcome- 30 Students understand the concept of different types of household chemicals in the context of Chemistry. Student's laboratory experiment related skills enhanced.


Dr. K. V. Gaikwad
Co-coordinator


Prof. P. B. Piste
head
Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur


Dr. D. S. Kumbhar
Incharge,
Short Term Courses


Dr. D. R. Bhosale
I/C Principal,
Rajarshi Chh. Shahu College
Kolhapur.

**“Preparation of Household chemicals”
Photographs during Theory and Practical.**



Phenyl, Neel and other household chemicals prepared by students and participated in Trade Fair



Latitude: 16.712641
Longitude: 74.251578
Elevation: 581.35±1 m
Accuracy: 16.3 m
Time: 24-01-2026 09:56
Note: Trade fair Chemistry

Preparation of Household Chemicals by Students



Latitude: 16.712902
Longitude: 74.252449
Elevation: 578.05±7.64 m
Accuracy: 52.4 m
Time: 14-02-2026 12:20
Note: Preparation of Phenyl

Preparation of Liquid Soap by Students



Latitude: 16.7129
Longitude: 74.252445
Altitude: 499.7±8.86 m
Accuracy: 60.0 m
Time: 07-02-2026 11:43
Note: Preparation of Neel

Powered by NoteCam

Preparation of Liquid Neel by Students



Latitude: 16.712616
Longitude: 74.25333
Elevation: 578.05±26.6 m
Accuracy: 200.0 m
Time: 14-02-2026 14:46
Note: Preparation of Washing

Powered by NoteCam

Preparation of Washing Powder by Students

Preparation of Soap & Phenyl by Students



Latitude: 16.713099
 Longitude: 74.25214
 Elevation: 579.45±41.6 m
 Accuracy: 135.6 m
 Time: 21-02-2026 12:54
 Note: Preparation of Soap

Powered by NoteCam



Latitude: 16.712865
 Longitude: 74.252428
 Elevation: 578.05±10.4 m
 Accuracy: 68.4 m
 Time: 14-02-2026 12:23
 Note: Preparation of Phenyl

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Head

Department of Chemistry

Rajarshi Chh. Shahu College, Kolhapur

Dr. K.V. Gokwad

(Co-ordinator)

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I/E Principal,

**Rajarshi Chh. Shahu College
 Kolhapur.**

RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHH. SHAHU COLLEGE, KOLHAPUR.
DEPARTMENT OF CHEMISTRY



STUDENT ADMISSION LIST 2025-26

Roll No.	Students Name	Signature
1	Attar Tehsin Iqbal	
2	Bargir Iliyas Rahim	
3	Bhosale Shivani Satappa	
4	Bhosale Srushti Jaywant	
5	Bidave Madhuri Dattatray	
6	Chabukswar Jishan Munna	
7	Chougale Saurabh Ananda	
8	Chouhan Durgadevi jawahir	
9	Dhanvant Rupesh Manohar	
10	Gadkari Aftab Mehboob	
11	Gadkari Shivani Sachin	
12	Kambale Pranav Sarjerao	
13	Kasture Onkar Shivshankar	
14	Khan Saymakhatoon Fakhruddin	
15	Khot Sonali Suresh	

16	Kumbhar Gayatri Sachin	GSK
17	Lad Rushikesh ramesh	Plad
18	Majgaonkar Suhani Arun	DMajgaonkar
19	Mane Pratiksha prakash	PPmane
20	Morbale Rutuja Rahul	@Rmorbale
21	Patil Apurva Vasant	Apurva
22	Patil Omkar Bhausaheb	@Omkar
23	Patil Saurabh ganapati	Saurabh
24	Patil Tejasvini Sunil	Tejasvini
25	Pawar Raturaj Ambadas	RApawar
26	Pawar Vishakha Balasaheb	V-B. Pawar
27	Sawant Prithviraj Mangesh	Prithviraj
28	Sawant Sakshi Sachin	Sakshi
29	Shaikh Mahamadsad Altaf	Shaikh
30	Taral Sourabh Prakash	Taral

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Coordinator
Dr. K. V. Gaikwad.



[Handwritten Signature]
Head


Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur

[Handwritten Signature]
I/C PRINCIPAL
R.C. SHAHU COLLEGE
KOLHAPUR

8	Chouhan Durgadevi jawahir	etc.	etc.	etc.	etc.	etc.	etc.	etc.	etc.	etc.
9	Dhanvant Rupesh Manohar	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	Ab	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	Ab	<u>Rupesh</u>
10	Gadkari Aftab Mehboob	Ab	amr	amr	amr	amr	amr	Ab	amr	amr
11	Gadkari Shivani Sachin	Shivani	Shivani	Ab	Shivani	Shivani	Shivani	Shivani	Shivani	Ab
12	Kambale Pranav Sarjerao	Ab	Pranav	Pranav	Pranav	Ab	Pranav	Pranav	Pranav	Pranav
13	Kasture Onkar Shivshankar	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K
14	Khan Saymakhaton Fakhruddin	say	say	say	say	say	say	say	say	say
15	Khot Sonali Suresh	Sonali	Sonali	Ab	Sonali	Sonali	Sonali	Sonali	Ab	Sonali
16	Kumbhar Gayatri Sachin	GSK	Ab	GSK	GSK	GSK	Ab	GSK	GSK	GSK
17	Lad Rushikesh ramesh	Ab	Rushikesh	Rushikesh	Rushikesh	Rushikesh	Rushikesh	Rushikesh	Rushikesh	Ab
18	Majgaonkar Suhani Arun	Suhani	Suhani	Ab	Suhani	Suhani	Suhani	Ab	Suhani	Suhani
19	Mane Pratiksha prakash	Ab	<u>PPrakash</u>	<u>PPrakash</u>	<u>PPrakash</u>	Ab	<u>PPrakash</u>	<u>PPrakash</u>	<u>PPrakash</u>	<u>PPrakash</u>



20	Morbale Rutuja Rahul	<u>Morbale</u>	<u>Morbale</u>	<u>Morbale</u>	<u>Morbale</u>	<u>Morbale</u>	<u>Morbale</u>	<u>Morbale</u>	<u>Morbale</u>	<u>Morbale</u>
21	Patil Apurva Vasant	AB	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
22	Patil Omkar Bhausaheb	<u>Patil</u>	<u>Patil</u>	AB	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
23	Patil Saurabh ganapati	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	AB	<u>Patil</u>	<u>Patil</u>	AB
24	Patil Tejasvini Sunil	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
25	Pawar Raturaj Ambadas	AB	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	AB	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
26	Pawar Vishakha Balasaheb	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>	<u>V.B.Pawar</u>
27	Sawant Prithviraj Mangesh	<u>Sawant</u>	AB	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	AB	<u>Sawant</u>	<u>Sawant</u>
28	Sawant Sakshi Sachin	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>
29	Shaikh Mahamadsad Altaf	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	AB	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	AB
30	Taral Sourabh Prakash	<u>Taral</u>	AB	<u>Taral</u>	<u>Taral</u>	<u>Taral</u>	<u>Taral</u>	AB	<u>Taral</u>	<u>Taral</u>


 Dr. K.V. Garkwad
 (Co-ordinator)


 Head
 Department of Chemistry
 Poojeshi Chh. Shahu College, Kolhapur




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**Rayat Shikshan Sanstha's
Rajarshi Chhatrapati Shahu College, Kolhapur.**



DEPARTMENT OF CHEMISTRY

PREPARATION OF HOUSEHOLD CHEMICALS

STUDENT PRESENTY LIST 2025-26

Roll No.	Students Name	01/01/2026	02/01/2026	03/01/2026	06/01/2026	10/01/2026	17/01/2026	20/01/2026	24/01/2026	31/01/2026
1	Attar Tehsin Iqbal	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar
2	Bargir Ilyas Rahim	Zargir	AB	Zargir	Zargir	AB	Zargir	Zargir	AB	Zargir
3	Bhosale Shivani Satappa	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
4	Bhosale Srushti Jaywant	Bhosale	AB	Bhosale	Bhosale	Bhosale	AB	Bhosale	Bhosale	Bhosale
5	Bidave Madhuri Dattatray	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave
6	Chabukswar Jishan Munna	Jeshan	Jeshan	AB	Jeshan	Jeshan	Jeshan	AB	Jeshan	Jeshan
7	Chougale Saurabh Ananda	Chougale	Chougale	Chougale	AB	AB	Chougale	Chougale	Chougale	Chougale

8	Chouhan Durgadevi jawahir	AT	ATC	AT	AT	AT	AT	AT	AT	AT
9	Dhanvant Rupesh Manohar	<u>Rupesh</u>	Ab	<u>Rupesh</u>	<u>Rupesh</u>	Ab	<u>Rupesh</u>	<u>Rupesh</u>	Ab	Ab
10	Gadkari Aftab Mehboob	AT	AT	AT	AT	AT	AT	AT	AT	AT
11	Gadkari Shivani Sachin	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>
12	Kambale Pranav Sarjerao	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>
13	Kasture Onkar Shivshankar	<u>O.S.K</u>	<u>O.S.K</u>	<u>O.S.K</u>	<u>O.S.K</u>	<u>O.S.K</u>	<u>O.S.K</u>	<u>O.S.K</u>	<u>O.S.K</u>	<u>O.S.K</u>
14	Khan Saymakhaton Fakhruddin	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>	<u>SK</u>
15	Khot Sonali Suresh	<u>Sonali</u>	<u>Sonali</u>	<u>Sonali</u>	Ab	<u>Sonali</u>	<u>Sonali</u>	<u>Sonali</u>	<u>Sonali</u>	Ab
16	Kumbhar Gayatri Sachin	Ab	GSK	GSK	GSK	GSK	Ab	GSK	GSK	GSK
17	Lad Rushikesh ramesh	<u>PLad</u>	<u>PLad</u>	Ab	<u>PLad</u>	<u>PLad</u>	<u>PLad</u>	Ab	<u>PLad</u>	<u>PLad</u>
18	Majgaonkar Suhani Arun	<u>Suhani</u>	<u>Suhani</u>	Ab	<u>Suhani</u>	Ab	<u>Suhani</u>	<u>Suhani</u>	<u>Suhani</u>	Ab
19	Mane Pratiksha prakash	Ab	PPmane	PPmane	PPmane	PPmane	Ab	PPmane	PPmane	PPmane



20	Morbale Rutuja Rahul	Amobale	Amobale	Amobale	Amobale	Amobale	Amobale	Amobale	Amobale
21	Patil Apurva Vasant	Atis	Ab	Atis	Atis	Ab	Atis	Atis	Ab
22	Patil Omkar Bhausaheb	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
23	Patil Saurabh ganapati	Ab	Patil	Patil	Patil	Ab	Patil	Patil	Patil
24	Patil Tejasvini Sunil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
25	Pawar Raturaj Ambadas	Rapawar	Rapawar	Ab	Rapawar	Rapawar	Rapawar	Rapawar	Ab
26	Pawar Vishakha Balasaheb	V.B.Pawar	V.B.Pawar	V.B.Pawar	V.B.Pawar	V.B.Pawar	V.B.Pawar	V.B.Pawar	V.B.Pawar
27	Sawant Prithviraj Mangesh	Sawant	Sawant	Ab	Sawant	Sawant	Ab	Sawant	Sawant
28	Sawant Sakshi Sachin	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant
29	Shaikh Mahamadsad Altaf	Shukh	Shukh	Ab	Shukh	Shukh	Shukh	Ab	Shukh
30	Taral Sourabh Prakash	Ab	Taral	Taral	Taral	Taral	Taral	Taral	Ab

[Signature]

Dr. K.V. Garkwad
(co-ordinator)

[Signature]
Head

Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur



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TIC PRINCIPAL
R.C. SHAHU COLLEGE
KOLHAPUR

**Rayat Shikshan Sanstha's
Rajarshi Chhatrapati Shahu College, Kolhapur.**

DEPARTMENT OF CHEMISTRY

PREPARATION OF HOUSEHOLD CHEMICALS

STUDENT PRESENTY LIST 2025-26




Roll No.	Students Name	01.12.2025	02.12.2025	04.12.2025	05.12.2025	08.12.2025	10.12.2025	12.12.2025	15.12.2025	20.12.2025
1	Attar Tehsin Iqbal	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar	Jattar
2	Bargir Iliyas Rahim	Pargi	AB	Pargi	Pargi	Pargi	Pargi	Pargi	AB	Pargi
3	Bhosale Shivani Satappa	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
4	Bhosale Srushti Jaywant	Bhosale	Bhosale	Bhosale	AB	Bhosale	Bhosale	AB	Bhosale	Bhosale
5	Bidave Madhuri Dattatray	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave	Bidave
6	Chabukswar Jishan Munna	Jeeshan	AB	Jeeshan	Jeeshan	Jeeshan	AB	Jeeshan	Jeeshan	AB
7	Chougale Saurabh Ananda	Chougale	Chougale	Chougale	AB	Chougale	Chougale	AB	Chougale	Chougale

8	Chouhan Durgadevi jawahir	DF	DF	DF	DF	DF	DF	DF	DF	DF
9	Dhanvant Rupesh Manohar	Rupesh	Ab	Rupesh	Rupesh	Rupesh	Rupesh	Rupesh	Ab	Rupesh
10	Gadkari Aftab Mehboob	Amad	Amad	Amad	Amad	Ab	Amad	Amad	Amad	Amad
11	Gadkari Shivani Sachin	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Ab	Shivani	Shivani
12	Kambale Pranav Sarjerao	Pranav	Ab	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav
13	Kasture Onkar Shivshankar	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K	O.S.K
14	Khan Saymakhatoon Fakhruddin	dx	dx	dx	dx	dx	dx	dx	dx	dx
15	Khot Sonali Suresh	Ab	Sonali	Sonali	Sonali	Sonali	Ab	Sonali	Sonali	Sonali
16	Kumbhar Gayatri Sachin	GSK	GSK	Ab	GSK	GSK	GSK	GSK	Ab	GSK
17	Lad Rushikesh ramesh	Plot	Plot	Plot	Ab	Plot	Plot	Ab	Plot	Plot
18	Majgaonkar Suhani Arun	Ab	Suhani	Suhani	Suhani	Suhani	Suhani	Suhani	Suhani	Ab
19	Mane Pratiksha prakash	Ppmane	Ppmane	Ab	Ppmane	Ppmane	Ppmane	Ab	Ppmane	Ppmane



20	Morbale Rutuja Rahul	Amabale	Amabale	Amabale	Amabale	Amabale	Amabale	Amabale	Amabale	Amabale
21	Patil Apurva Vasant	Atali	Ab	Atali	Atali	Atali	Atali	Atali	Ab	Atali
22	Patil Omkar Bhausaheb	Badi	Badi	Badi	Badi	Badi	Badi	Badi	Badi	Badi
23	Patil Saurabh ganapati	Bas	Bas	Ab	Bas	Bas	Bas	Bas	Bas	Ab
24	Patil Tejasvini Sunil	Tali	Tali	Tali	Tali	Tali	Tali	Tali	Tali	Tali
25	Pawar Raturaj Ambadas	Rapuram	Rapuram	Rapuram	Ab	Rapuram	Rapuram	Rapuram	Ab	Rapuram
26	Pawar Vishakha Balasaheb	V.B.Pawal	V.B.Pawal	V.B.Pawal	V.B.Pawal	V.B.Pawal	V.B.Pawal	V.B.Pawal	V.B.Pawal	V.B.Pawal
27	Sawant Prithviraj Mangesh	Swant	Swant	Swant	Swant	Ab	Swant	Swant	Swant	Ab
28	Sawant Sakshi Sachin	Swant	Swant	Swant	Swant	Swant	Swant	Swant	Swant	Swant
29	Shaikh Mahamadsad Altaf	Shikh	Ab	Shikh	Ab	Shikh	Shikh	Shikh	Ab	Ab
30	Taral Sourabh Prakash	Ab	Taral	Taral	Ab	Taral	Ab	Taral	Taral	Taral


 Dr. K.V. Garkwad
 (Co-ordinator)


 Head
 Department of Chemistry
 Pinarshi Chh. Shahu College, Kolhapur




 T/C PRINCIPAL
 R.C. SHAHU COLLEGE
 KOLHAPUR

"Education through self-help is our motto"- KARMAVEER
Rayat Shikshan Sanstha's
Rajarshi Chhatrapati Shahu College, Kolhapur
Department of Chemistry

Organized
"Preparation of Household chemicals"
Under
Short Term Courses
2025-2026



Income and Expenditure Statement

Income	Amount (in Rs.)	Expenditure	Amount (in Rs.)
Particulars		Particulars	
1) Total Participants = 30 (30*300)	9,000/-	1) Chemicals	3670/-
		2) Remuneration for Recourse Person Lumsum Total amount =00	
		i) Dr. K. V. Gaikwad	00 = 00
		ii) Mrs. S. S. Hendre	00 = 00
		iii) Miss. Kamble P. S.	00 = 00
		iv) Miss. A. S. Shinde	00 = 00
		3) Balance amount to College	5330 = 00
Total	9,000=00	Total	9,000=00

Dr. K. V. Gaikwad
Co-coordinator
Department of Chemistry

Prof. P. B. Piste
Head
Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur

Dr. D. S. Kumbhar
Incharge, Short Term Courses

Dr. D. R. Bhosale
VC Principal
I/C PRINCIPAL
R.C. SHAHU COLLEGE
KOLHAPUR