

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

शिक्षणमहर्षि डॉ. सापूजी भाळुंबे

Shri Swami Vivekanand Shikshan Sanstha's, Kolhapur

Dattajirao Kadam
Arts, Science & Commerce College,
Ichalkaranji.

DEPARTMENT OF CHEMISTRY

Career Oriented Course

Preparation of Household Chemicals

2025-26

"Dissemination of Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's Kolhapur

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

Department of Chemistry

Date: 12/12/2025

Permission Letter

To,

The Principal,

Dattajirao Kadam Arts, Science and Commerce College,
Ichalkaranji.

Subject: Seeking Permission to conduct the **Preparation of Household Chemicals** certificate Course.

Respected Sir,

With the reference to above cited subject, Department of Chemistry wants to conduct **Preparation of Household Chemicals** course under Department of Chemistry, DKASC College Ichalkaranji, in academic year 2025-26. So hereby we are requesting you to permit us to conduct the said course in the academic year 2025-26.

Thanking You,

Yours's faithfully



A blue ink handwritten signature, appearing to be "D. A. Kumbhar", written over a horizontal line.

Dr. D. A. Kumbhar
HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

"Dissemination of Education for Knowledge, Science and Culture"
-Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha's Kolhapur
Dattajirao Kadam Arts, Science and Commerce College
Ichalkaranji

Department of Chemistry

Date: 16/12/2025

Sanction Letter

To,

The Principal,
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.

Subject: Regarding sanction to Board of Studies for Career Oriented Course

Respected Sir,

It's my pleasure to inform you that, in the academic year **2025-26** our department is going to conduct a Career Oriented Course entitled "**Preparation of Household Chemicals**" for B.Sc. III Chemistry students. This course will be beneficial to our students. The duration of this course is 30 hours. For this course our department is decided to form the Board of Studies as follows:

Chairman: Dr. S. K. Khade (Principal)

Internal Member: Dr. D. A. Kumbhar, (Head, Department of Chemistry)

External Member: Dr. Arjun Namdev Kokare, (Shri. Vijaysingh Peth Vadgaon College)

External Member: Dr. Sidharth R. Kamat, (D. K. T. E. College Ichalkaranji)

Industry Expert: Mr. Pradeep S. Asliya, (Innovate Infotech 9/169, New Industrial Estate, Ichalkaranji)

So please sanction the mentioned board of studies members.

Thanking You.



Yours faithfully

Dr. D. A. Kumbhar

HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

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College, Ichalkaranji.**



Tal. Hatkanangale, Dist. Kolhapur - 416 115. Office : (0230) 2420 412
Principal : (0230) 2991617 Email : dkasccollege@gmail.com Website : www.dkasc.ac.in

(Permanently Affiliated to Shivaji University, Kolhapur - No. Affi/T-2/5049 dt 10-07-1999)
ज्यु. कॉलेज-शासन आदेश क्रमांक - एचएससी/०७/वीस/एकवीस, दि. ६-५-१९७६ Jr. Index No. J-23.06.001

Founder Sikshanmaharshi Dr. Bapuji Salunkhe	President Hon. Chandrakant (Dada) Patil Minister, Higher and Technical Education, Gov. of Maharashtra	Chairman Hon. Prin. Abhaykumar Salunkhe M.A.	Secretary Hon. Prin. Mrs. Shubhangi Gawade M.Sc., B.Ed.	Principal Prof. (Dr.) S. K. Khade M.Sc. Ph.D.
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Outward No. : DKASC / समक्ष / 2025-26

Date : 16/12/2025

Appointment Letter

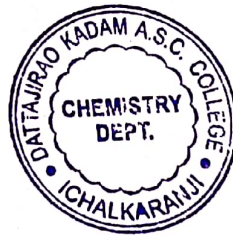
To,
Dr. Arjun Namdev Kokare
Assistant Professor,
Department of Chemistry,
Shri. Vijaysingh Yadav College Peth Vadgaon

Subject: Regarding appointment of Member of Board of Studies for COC

Respected Sir,

It gives me pleasure to inform you that, you have been appointed as a Member of Board of Studies for Career Oriented Course entitled "**Preparation of Household Chemicals**" which is introduced for B.Sc. III students from the academic year 2025-26. Please convey your acceptance for the same.

Thanking You.



Yours faithfully

Prof. (Dr.) S. K. Khade



"Dissemination of Education for Knowledge, Science & Culture" - Sikshanmaharshi Dr. Bapuji Salunkhe
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Outward No. : DKASC / २१२६ / २०२५ - २६

Date : 16/12/2025

Appointment Letter

To,

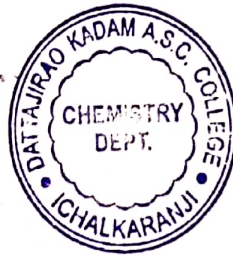
Dr. Sidharth R Kamat,
Assistant Professor,
Department of Chemistry,
D. K. T. E. College, Ichalkaranji.

Subject: Regarding appointment of Member of Board of Studies for COC

Respected Sir,

It gives me pleasure to inform you that, you have been appointed as a Member of Board of Studies for Career Oriented Course entitled "Preparation of Household Chemicals" which is introduced for B. Sc. III students from the academic year 2025-26. Please convey your acceptance for the same.

Thanking You.



Yours faithfully

Prof. (Dr.) S. K. Khade



Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji.



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Sikshanmaharshi Dr. Bapuji Salunkhe

President

Hon. Chandrakant (Dada) Patil
Minister, Higher and Technical Education,
Gov. of Maharashtra

Chairman

Hon. Prin. Abhaykumar Salunkhe
M.A.

Secretary

Hon. Prin. Mrs. Shubhangi Gawade
M.Sc., B.Ed.

Principal

Prof. (Dr.) S. K. Khade
M.Sc. Ph.D.

Outward No. : DKASC / समक्षा 12025-26

Date : 16/12/2025

Appointment Letter

To,

Mr. Pradeep S. Asliya,
Industry Expert,
Innovate Infotech 9/169,
New Industrial Estate, Ichalkaranji-416115

Subject: Regarding appointment of Member of Board of Studies for COC

Respected Sir,

It gives me pleasure to inform you that, you have been appointed as a Member of Board of Studies for Career Oriented Course entitled "**Preparation of Household Chemicals**" which is introduced for B.Sc. III students from the academic year 2025-26. Please convey your acceptance for the same.

Thanking You.

Yours faithfully



Prof. (Dr.) S. K. Khade



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Gov. of Maharashtra

Chairman

Hon. Prin. Abheykumar Salunkhe
MA

Secretary

Hon. Prin. Mrs. Shubhangi Gawade
M.Sc., B.Ed.

Principal

Prof. (Dr.) S. K. Khade
M.Sc. Ph.D.

Date : 16/12/2025

Outward No. : DKASC /

DEPARTMENT OF CHEMISTRY Notice

All the members of the Board of Studies of "Preparation of Household chemicals" of Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji are hereby informed that the first meeting of the Board of Studies is scheduled on Monday, 17th December, 2025 at 8.30 am through online mode using Google meet platform. Please make it convenient to be present for the meeting. The agenda of the meeting is as follows.

Agenda for the meeting

- 1) To review structure of the syllabus for preparation of household chemicals course.
- 2) To design the syllabus for preparation of household chemicals course
- 3) To finalize the list of chemicals required as per practical syllabus.
- 4) Any other matter with the permission of the Chair.

Dr. D. A. Kumbhar
HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.



Dr. S. K. Khade
Principal,
D.K.A.S.C. College,
Ichalkaranji



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Founder: Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
President: Hon. Chandrakant (Dada) Patil, Minister, Higher and Technical Education, Gov. of Maharashtra
Chairman: Hon. Prin. Abhaykumar Salunkhe, M.A.
Secretary: Hon. Prin. Mrs. Shubhangi Gawade, M.Sc., B.Ed.
Principal: Prof. (Dr.) S. K. Khade, M.Sc. Ph.D.

Outward No. : DKASC /

Date : 17/12/2025

Minutes of Meeting

A meeting of Board of Studies of the Preparation of Household Chemicals course. Course was held on 17-12-2025 at 08:30 AM in on line mode.

The following members were present

Name of the member	Nomination
Principal, Dr. S. K. Khade	Chairman
Dr. Deepak. A. Kumbhar	Internal Member
Dr. Arjun N. Kokare	External Member
Dr. Sidharth R. Kamat	External Member
Mr. Pradeep S. Asliya	External Member

Leave of absence

1. Leave of absence was granted to the Mr. Pradeep S. Asliya, (Industrial Expert) by the Chairman Board of Studies.

The Dr. Deepak. A. Kumbhar welcome all the members who were present for the meeting and meeting initiate with the guidance of Chairman Principal Principal, Dr. S. K. Khade. The meeting was there after deliberated by Dr. D. A. Kumbhar on agenda items as had been approved by the Chairman

Item No. 1 Allotment of number of hours per unit

Dr. Arjun N. Kokare suggested adding number of hours to each unit to define weightage of each unit other BOS members also agreed to this point and suggest its distribution.

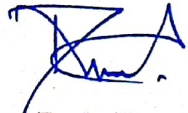
Item No. 2 Corrections in syllabus contents

Mr. Pradeep S. Asliya suggested unit for the preparation of household chemicals course. Also, Dr. D.A. Kumbhar advised chemicals part in course. All BOS members also agreed to these revisions in syllabus.

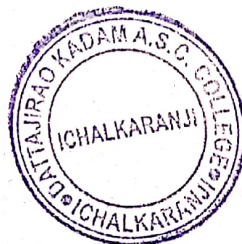
Item No. 3 Industrial Training/ Visit Commended

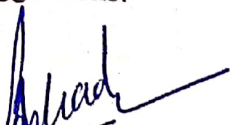
For better understanding of students Industrial Training/ Visit suggested by BOS members whenever possible. The meeting concluded at 9:45 a.m. with a vote of thanks by Dr. Deepak. A. Kumbhar member Board of Studies,

Based on the suggestion of committee members, Changes has been incorporated and added all course syllabus has been approved with incorporating the recommendations and suggestions.


Dr. D. A. Kumbhar

HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.




Dr. S. K. Khade
Principal,
D.K.A.S.C. College,
Ichalkaranji



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Outward No. : DKASC / समक्षा / 2025-26

Date : 17/12/2025

Appreciation Letter

To,

Dr. Arjun Namdev Kokare,
Assistant Professor,
Department of Chemistry,
Shri. Vijaysingh Yadav College Peth Vadgaon

Subject - Appreciation Letter...

Respected Sir,

With respect to the above mentioned subject, we would like to take this opportunity to thank you on behalf of our college for working as a BOS Member for the "Preparation of Household Chemicals" of all B. Sc. Chemistry III students. Once again, thank you for your presence, valuable suggestions, and guidance. We appreciate your continued support.

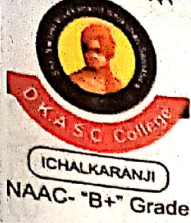
Thanking You.



Yours's faithfully

Prof. (Dr.) S. K. Khade

स्थापना : जून १९६२



"Dissemination of Education for Knowledge, Science & Culture" - Sikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
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Founder

Sikshanmaharshi Dr. Bapuji Salunkhe

President

Hon. Chandrakant (Dada) Patil
Minister, Higher and Technical Education,
Gov. of Maharashtra

Chairman

Hon. Prin. Abhaykumar Salunkhe
M.A.

Secretary

Hon. Prin. Mrs. Shubhangi Gawade
M.Sc., B.Ed.

Principal

Prof. (Dr.) S. K. Khade
M.Sc. Ph.D.

Outward No. : DKASC / समक्ष 12025-26

Date : 17/12/2025

Appreciation Letter

To,

Dr. Sidharth R. Kamat,
Assistant Professor,
Department of Chemistry,
D. K. T. E. College, Ichalkaranji.

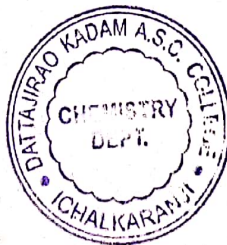
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Thanking You.

Yours's faithfully



Pro. (Dr.) S. K. Khade



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स्थापना : जून १९६२



NAAC- "B+" Grade

"Dissemination of Education for Knowledge, Science & Culture" - Sikshanmaharshi Dr. Bapuji Salunkhe
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Date : 17/12/2025

Outward No. : DKASC / समेह 12025 : 28

Appreciation Letter

To,
Mr. Pradeep S. Asliya,
Industry Expert,
Innovate Infotech 9/169,
New Industrial Estate, Ichalkaranji-416115

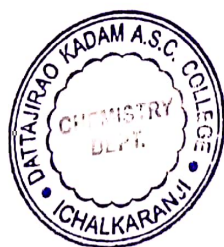
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Thanking You.

Yours's faithfully



Pro. (Dr.) S. K. Khade

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR
Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji.
DEPARTMENT OF CHEMISTRY

Syllabus: PREPARATION OF HOUSEHOLD CHEMICALS 2025-26

Objectives:

1. To make availability of self employment.
2. To make confidence for doing job.
3. To develop skills required for job.
4. To develop skills of market survey.
5. To develop knowledge of household chemicals.

Course Duration: 30 Hrs

Total: 100 Marks

Paper: I-Basic concept of Analytical chemistry

[30 marks]

Unit: I cleaning materials

[15 Marks]

- 1.1 Introduction of soaps
- 1.2 Theory of types
- 1.3 Raw materials
- 1.4 Types of soaps
- 1.5 Manufacture of soaps
- 1.6 Cleaning action of soaps
- 1.7 Introduction of soaps
- 1.8 Raw materials
- 1.9 Types of detergents, cationic, Anionic, Amphoteric and neutral
- 1.10 Preparation of Teepol and Deriphat
- 1.11 Comparison between Soaps

Unit: II Basic term in household chemicals

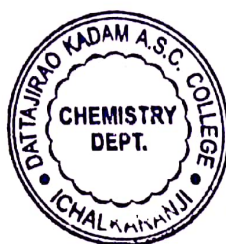
[10 marks]

- 2.1 Mole concept
- 2.2 Concentrations
- 2.3 Units of concentration
- 2.4 Normality
- 2.5 Molarity
- 2.6 Molality
- 2.7 Mole fraction
- 2.8 Percentage composition by volume
- 2.9 Percentage composition by weight

Unit: III Quantitative Analysis

[05 marks]

- 3.1 General introduction
- 3.2 Types of Titration
- 3.3 Indicators
- 3.4 Theory and types



Paper: II Household chemicals-introduction, synthesis and manufacturing [30 Marks]

Unit: I Household chemicals [10 Marks]

- 1.1 Introduction of household chemicals or domestic chemicals
- 1.2 Sanitary acids
- 1.3 Phenyl
- 1.4 Liquid sops :Lysol, Dettol, Savlon
- 1.5 Acids-bases
- 1.6 General introduction
- 1.7 Theory
- 1.8 Types and strength of acids
- 1.9 Cleaning action of acid, handling and precaution
- 1.10 Antiseptic and Disinfectant

Unit II: Phenols

[10 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 Basic of analytical techniques

[10 Marks]

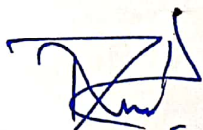
- 3.1 Purification of solids
 - A) Crystallization:- preparation of saturation solution, hot filtration, cooling of filtrate, filtration
 - B) Distillation: simple distillation

Paper-III:-Practical's

[40 Marks]

1. Acid strength of Sanitary Acid
2. Preparation of Phenyl
3. Preparation of Soap
4. Preparation of Perfume
5. Preparation of Liquid Soap.
6. Preparation of Washing Powder
7. Preparation of Natural Indicator.
8. Saponification of oil.
9. Conductometric Titration – I
10. Conductometric Titration –II
11. Preparation of Sanitizer




Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.



"Dissemination of Education for Knowledge, Science and Culture"

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Shri Swami Vivekanand Shikshan Sanstha's Kolhapur

**Dattajirao Kadam Arts, Science and Commerce College
Ichalkaranji**

❧ **DEPARTMENT OF CHEMISTRY** ❧

Date: 19-12-2025

Notice

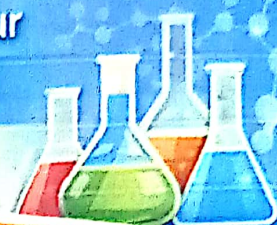
Preparation of Household Chemicals 2025-26

All students of B.Sc. III Chemistry are hereby informed that a Career-Oriented Course titled '**Preparation of Household Chemicals**' is being organized by the Department of Chemistry. This course is compulsory for all students. The fee for the course is 400 per student. Please register your names for the course. For more details, kindly contact Mr. D. S. Girage.



A handwritten signature in blue ink, appearing to be "Dr. D. A. Kumbhar".

Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI



Career Oriented Course 2025-26

Preparation of Household Chemicals

(For B.Sc. Part III Students)



About the Course

Skill-based, career oriented course for practical knowledge and entrepreneurial skills in making household chemical products.

This course combines theoretical understanding with **hands on training**, enabling students to develop safe, effective, and marketable products used in everyday.



Course Content

- ✓ Liquid Soap & Hand Wash
- ✓ Detergent Powder
- ✓ Floor Cleaner & Toilet Cleaner
- ✓ Phenyl (White & Scented)
- ✓ Sanitizers & Disinfectants



Eligibility

Open to: **B.Sc. Part III Students**



Objectives

- ✓ Practical Skills in Chemical Formulation
- ✓ Understand Household Products
- ✓ Promote Self-Employment
- ✓ Eco-Friendly Practices



Learning Outcomes

- ✓ Lab Skills & Quality Control
- ✓ Small-Scale Production
- ✓ Self-Employment Ready



Course Duration

30 Hours (Theory + Practical Sessions)



Eligibility

Open to: **B.Sc. Part III Students**

Course Coordinators

- **Mr. R. P. Bharsat** & Faculty Members
- **Mr. Pradeep S. Asliya**
(Industrial Expert, Innovate Infotech)



Career Opportunities



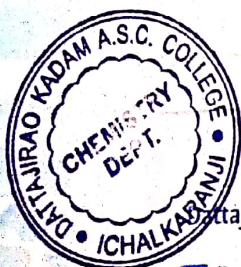
Small Scale Manufacturing



Chemical Industry Jobs



Self-Employment Ready



Contact Us

Department of Chemistry

Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji

Email: chemistry@dkasc.ac.in

Ph: 8830563869 / 8275272409



Shri Swami Vivekanand Shikshan Sanstha's
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji

DEPARTMENT OF CHEMISTRY

ADMISSION FORM

Career Oriented Course: Preparation of Household Chemicals

Academic Year: _____

1. Student Information

Full Name: _____

Date of Birth: ____ / ____ / ____

Gender: Male / Female / Other

Class: _____

Department: _____

Roll Number: _____

Passport
size photo

2. Contact Details

Mobile Number: _____

Email ID: _____

Address: _____

3. Previous Academic Information

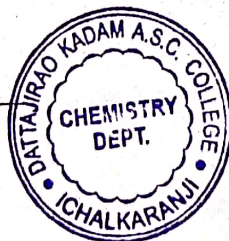
Examination	Board / University	Year	Percentage
10th			
12th			

4. Declaration

I hereby declare that the information given above is true and correct to the best of my knowledge. I agree to follow the rules and regulations of the course conducted by the Department of Chemistry.

Date: _____

Student Signature: _____



5. For Office Use Only

Admission No: _____

Receipt No: _____

Signature of Clerk

Signature of Head,
Department of Chemistry



Shri Swami Vivekanand Shikshan Sanstha's
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji

DEPARTMENT OF CHEMISTRY

ADMISSION FORM

Career Oriented Course: Preparation of Household Chemicals

Academic Year: 2025 - 26

1. Student Information

Full Name: Sanjana Kiran Dangare

Date of Birth: 06 / 10 / 2003

Gender: Male / Female / Other

Class: B.Sc - III

Department: Chemistry

Roll Number: 5514



2. Contact Details

Mobile Number: 7498747286

Email ID: Sanjanadangare 3@gmail.com

Address: Shahungar, Chandur.

3. Previous Academic Information

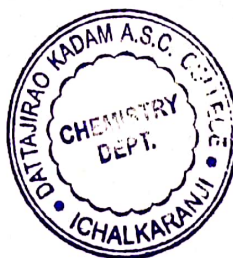
Examination	Board / University	Year	Percentage
10th	SSC board	2018-19	77.0%
12th	HSC board	2020-21	82.83%

4. Declaration

I hereby declare that the information given above is true and correct to the best of my knowledge. I agree to follow the rules and regulations of the course conducted by the Department of Chemistry.

Date: 12-03-2026

Student Signature: [Signature]



5. For Office Use Only

Admission No: 5

Receipt No: 5

[Signature]
Signature of Clark

[Signature]
Signature of Head,

Department of Chemistry
Department of Chemistry,
Dattajirao Kadam Arts, Science
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DEPARTMENT OF CHEMISTRY

Preparation of Household Chemicals 2025-26

Enrollment list

Sr. No	Roll No.	Name of Students	Sign
1	5510	ADSULE SAMIKSHA MAHESHKUMAR	S. M. Adsul
2	5511	BHOI SUHANI SUKHADEV	SBhoi
3	5512	BHOSALE MADHUJA VIJAY	Mbhosale
4	5513	BHOSALE PRIYANKA TUKARAM	Bhosale
5	5514	DANGARE SANJANA KIRAN	S. K. Dangare
6	5515	DESAI ISHA RAJENDRA	I. R. Desai
7	5516	DIIUMAL SNEHAL MAHESHI	Snehal
8	5517	GANGDHAR OMAVATI NAMDEV	anganghar
9	5518	GAVANDI FIROJ MALIK	Gavandi
10	5519	HAVAL VEENA BALU	V. B. Haval
11	5520	INGALE PRANALI PARASHRAM	P. Ingale
12	5521	JADHAV SHRAVANI PRAVIN	Jadhav
13	5522	JANVEKAR PURVA KISAN	P. Janvekar
14	5523	KAMBLE SHWETA APPASO	K. Kamble
15	5524	KATE SNEHAL DHANANJAY	Absent
16	5525	KHOT MAYURI MALHARI	M. Khot
17	5526	KOIK PARSHVA SUJAY	Absent
18	5527	KULARNI VAISHNAVI GAJANAN	V. K. Kulkarni
19	5528	KUMTOLE ADINATH SANJAY	A. S. K.
20	5529	MALI RAMCHANDRA MAHADEV	Ramchandra
21	5530	MANE PRANJALI VIKAS	P. Mane
22	5531	MANE SHRAVANI SANJAY	S. Mane
23	5532	MOMIN RABIYA NASEERAHAMD	Absent
24	5533	NADAF SANIYA DADAPIR	S. D. Nadaf
25	5534	NAIKWADI MOHAMMADJAI IMTIYAZALI	M. N.
26	5535	NIKAM POONAM HANMANT	P. Nikam
27	5536	NIRMAL KARUNA KRISHNA	Karuna
28	5537	NIWALE PREM VISHAL	P. Niwale



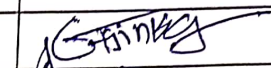
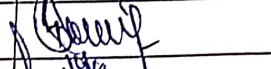
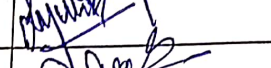
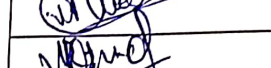
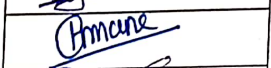
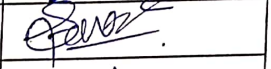
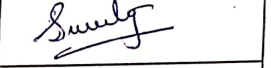
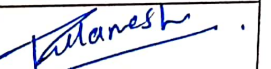
29	5538	PADIYAR SUMIT SADASHIV	<i>[Signature]</i>
30	5539	PATAIT SANIYA IMRAN	Absent
31	5540	PATEL MOAMAN SHAHAJAHAN	Absent
32	5541	PATIL KETAKI SHASHIKANT	<i>X Patil</i>
33	5542	PATIL NILESH DILIP	<i>Nilesh</i>
34	5543	PATIL VISHAL VIJAY	<i>[Signature]</i>
35	5544	PATIL SHREYA SUNIL	Absent
36	5545	POWAR DIKSHA DIPAK	<i>Dr. Diksha</i>
37	5546	SANDUGADE PRANALI RAJU	<i>Pranali</i>
38	5547	SATPUTE RAHUL RAMAKANT	<i>Rahul</i>
39	5548	SATPUTE SNAJANA DIPAK	<i>Satpute</i>
40	5549	SHELAKE ADITYA SURESH	<i>Aditya</i>
41	5550	SHINGE SHRADDHA GANESH	<i>S.G. Shinge</i>
42	5551	SINTRE DEEPAK SHANKAR	Absent
43	5552	TIPPE SARIKA RAJARAM	<i>Sarika</i>
44	5553	VICHARE SOURABH ASHOK	<i>Sourabh</i>
45	5554	WALVEKAR ANKITA ANIL	<i>Ankita</i>
46	5669	HARALE VIJAYA SUBHASH	<i>Vijaya</i>

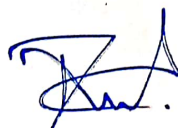



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Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.

DEPARTMENT OF CHEMISTRY
Preparation of household chemicals 2025-26
Workload Distribution

Sr. No.	Name of the faculty	Name of the topic	Signature
1	Dr. A. P. Patravale	Basics term in household chemicals	
2	Mr. R. P. Bharsat	Quantitative Analysis	
3	Dr. S. V. Mulik	Basic of analytical techniques	
4	Dr. V. V. Gawade	Household chemicals	
5	Dr. V. B. Shinde		
6	Dr. A. A. Yadav	Cleaning materials	
7	Miss. P.V. Mane		
8	Mr. S. R. More	Phenols	
9	Miss. S. B. Fadtare (Practicals)	1. Acid strength of sanitary Acid, 2. Preparation of Soap.	
10	Miss. S. S. Pujari (Practicals)	3. Preparation of Perfume, 4. Preparation of Liquid Soap.	
11	Mr. P.A. Giri (Practicals)	5. Preparation of Natural Indicator, 6. Preparation of Sanitizer.	

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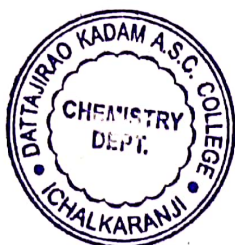
DEPARTMENT OF CHEMISTRY
Preparation of household chemicals 2025-26

Notice

Date: 27/02/2026

All the students who confirmed their admissions to the certificate course entitled **Preparation of household chemicals** are hereby informed that the theory lectures of this course will start from **05/03/2026** onwards. All students must attend lectures.

Sr. No.	Time	Mon	Tue	Wed	Thur	Fri	Sat
1	10:00a.m. to 11:00p.m	RPB	AAP	SVM	VVG	RPB/PVM	AAP/SRM
2	11:00a.m. to 12:00p.m.	PVM	SRM	VBS	AAV	SVM/VBS	VVG/AAV
3	3:00.m. Onwards (Practicals)	SBF	SSP	PAG	SBF	SSP	PAG




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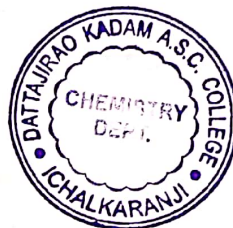
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DEPARTMENT OF CHEMISTRY
Preparation of Household Chemicals 2025-26
Theory/Practical Attendance Report

Sr. No	Name of Students	5/3/26	6/3/26	7/3/26	9/3/26	10/3/26	11/3/26	12/3/26	13/3/26	14/3/26	16/3/26
1	Adsule Samiksha M.	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>	<u>Adsule</u>
2	Bhoi Suhani Sukhadev	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>	<u>SS Bhoi</u>
3	Bhosale Madhuja Vijay	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>	<u>MBhosale</u>
4	Bhosale Priyanka Tukaram	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>
5	Dangare Sanjana Kiran	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>	<u>SDangare</u>
6	Desai Isha Rajendra	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>	<u>I.R.Desai</u>
7	Dhumal Snehal Mahesh	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>	<u>SDhumal</u>
8	Gangdhar Omavati Namdev	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>	<u>OGangdhar</u>
9	Gavandi Firoj Malik	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>	<u>FGavandi</u>
10	Haval Veena Balu	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>
11	Ingale Pranali Parashram	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>	<u>PIngale</u>
12	Jadhav Shravani Pravin	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>	<u>SJadhav</u>
13	Janvekar Purva Kisan	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>	<u>PJanvekar</u>
14	Kamble Shweta Appaso	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>	<u>SKamble</u>
15	Kate Snehal Dhananjay					<u>ABSENCE</u>					
16	Khot Mayuri Malhari	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>	<u>MKhot</u>
17	Koik Parshva Sujay					<u>ABSENCE</u>					
18	Kularni Vaishnavi Gajanan	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>	<u>V.Kularni</u>

19	Kumtule Adinath Sanjay	ASK	ASK	ASK	ASK	ASK	ASK	ASK	ASK	ASK	ASK
20	Mali Ramchandra Mahadev	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra
21	Mane Pranjali Vikas	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane	Pmane
22	Mane Shrivani Sanjay	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane
23	Momin Rabiya N.					Absent					
24	Nadaf Saniya Dadapir	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf
25	Naikwadi Mohammadjaid I.	Naj	Naj	Naj	Naj	Naj	Naj	Naj	Naj	Naj	Naj
26	Nikam Poonam Hanmant	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam
27	Nirmal Karuna Krishna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna
28	Niwale Prem Vishwadeep	Pnw	Pnw	Pnw	Pnw	Pnw	Pnw	Pnw	Pnw	Pnw	Pnw
29	Padiyar Sumit Sadashiv	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit
30	Patel Moaman Shahajahan					Absent					
31	Patil Ketaki Shashikant	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil
32	Patil Nilesh Dilip	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil
33	Patil Vishal Vijay	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil
34	Patil Shreya Sunil					Absent					
35	Powar Diksha Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak
36	Sandugade Pranali Raju	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
37	Satpute Rahul Ramakant	Rat	Rat	Rat	Rat	Rat	Rat	Rat	Rat	Rat	Rat
38	Satpute Snajana Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak
49	Shelake Aditya Ganesh	Shelake	Shelake	Shelake	Shelake	Shelake	Shelake	Shelake	Shelake	Shelake	Shelake
40	Shinge Sruddha Ganesh	S.G.shinge	S.G.shinge	S.G.shinge	S.G.shinge	S.G.shinge	S.G.shinge	S.G.shinge	S.G.shinge	S.G.shinge	S.G.shinge
41	Tippe Sankha Rajaram	Sankha	Sankha	Sankha	Sankha	Sankha	Sankha	Sankha	Sankha	Sankha	Sankha

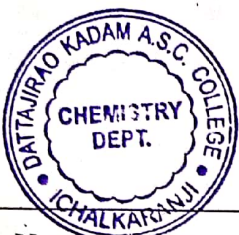


42	Vichare Sourabh Ashok	<u>svich</u>	<u>svich</u>	<u>svich</u>	<u>svich</u>	<u>svich</u>	<u>svich</u>	<u>svich</u>	<u>svich</u>	<u>svich</u>	<u>svich</u>
43	Walvekar Ankita Anil	<u>swal</u>	<u>swal</u>	<u>swal</u>	<u>swal</u>	<u>swal</u>	<u>swal</u>	<u>swal</u>	<u>swal</u>	<u>swal</u>	<u>swal</u>
44	Harale Vijaya Subhash	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>	<u>sharale</u>



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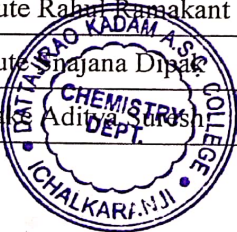
DEPARTMENT OF CHEMISTRY

Preparation of Household Chemicals 2025-26

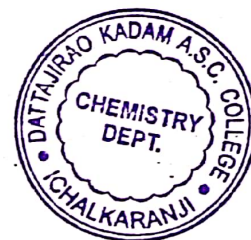
Theory/Practical Attendance Report

Sr. No	Name of Students	17/3/26	18/3/26	23/3/26	24/3/26	25/3/26	27/3/26	28/3/26	30/3/26	31/3/26	1/4/26
1	Adsule Samiksha M.	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>	<u>Sut</u>
2	Bhoi Suhani Sukhadev	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>
3	Bhosale Madhujay Vijay	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>
4	Bhosale Priyanka Tukaram	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>
5	Dangare Sanjana Kiran	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>	<u>sirk</u>
6	Desai Isha Rajendra	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>
7	Dhumal Snehal Mahesh	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>
8	Gangdhar Omavati Namdev	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>
9	Gavandi Firoj Malik	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>	<u>AmGavandi</u>
10	Haval Veena Balu	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>	<u>V.B.Haval</u>
11	Ingale Pranali Parashram	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>	<u>PIngle</u>
12	Jadhav Shravani Pravin	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>
13	Janvekar Purva Kisan	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>
14	Kamble Shweta Appaso	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>	<u>Skamble</u>
15	Kate Snehal Dhananjay					Absent					
16	Khot Mayuri Malhari	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>
17	Koik Parshva Sujay					Absent					

18	Kularni Vaishnavi Gajanan	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>	<u>V.G.Kulkarni</u>
19	Kumtole Adinath Sanjay	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>
20	Mali Ramchandra Mahadev	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>	<u>Ramchandul</u>
21	Mane Pranjali Vikas	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>	<u>Pmane</u>
22	Mane Shravani Sanjay	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>	<u>Smane</u>
23	Momin Rabiya N.				<u>Absent</u>						
24	Nadaf Saniya Dadapir	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>	<u>S.D.Nadaf</u>
25	Naikwadi Mohammadjaid I.	<u>Id</u>	<u>Id</u>	<u>Id</u>	<u>Id</u>	<u>Id</u>	<u>Id</u>	<u>Id</u>	<u>Id</u>	<u>Id</u>	<u>Id</u>
26	Nikam Poonam Hanmant	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>	<u>Pnikam</u>
27	Nirmal Karuna Krishna	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>	<u>Karuna</u>
28	Niwale Prem Vishwadeep	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>
29	Padiyar Sumit Sadashiv	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>	<u>Sumit</u>
30	Patait Saniya Imran				<u>Absent</u>						
31	Patel Moaman Shahajahan				<u>Absent</u>						
32	Patil Ketaki Shashikant	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>
33	Patil Nilesh Dilip	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>	<u>NPS</u>
34	Patil Vishal Vijay	<u>VP</u>	<u>VP</u>	<u>VP</u>	<u>VP</u>	<u>VP</u>	<u>VP</u>	<u>VP</u>	<u>VP</u>	<u>VP</u>	<u>VP</u>
35	Patil Shreya Sunil										
36	Powar Diksha Dipak	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>	<u>DPowar</u>
37	Sandugade Pranali Raju	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>	<u>Pandugade</u>
38	Satpute Rahul Ramakant	<u>RS</u>	<u>RS</u>	<u>RS</u>	<u>RS</u>	<u>RS</u>	<u>RS</u>	<u>RS</u>	<u>RS</u>	<u>RS</u>	<u>RS</u>
39	Satpute Shajana Dipak	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>
40	Shelake Aditya Sanjay	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>	<u>Shelake</u>



41	Shinge Shraddha Ganesh	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>	<u>S.G. Shinge</u>
42	Sintre Deepak Shankar	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
43	Tippe Sarika Rajaram	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
44	Vichare Sourabh Ashok	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
45	Walvekar Ankita Anil	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
46	Harale Vijaya Subhash	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>

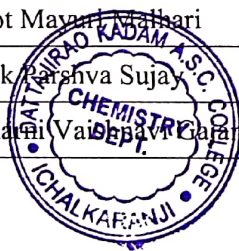


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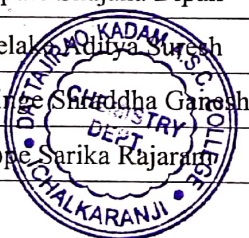
Dr. D. A. Kumbhar
HEAD,
Department of Chemistry
 Dattajirao Kadam Arts, Science
 & Commerce College,
 ICHALKARANJII.

Shri Swami Vivekanand Shikshan Sanstha's
Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji
DEPARTMENT OF CHEMISTRY
Preparation of Household Chemicals 2025-26
Theory/Practical Attendance Report

Sr. No	Name of Students	21/4/26	4/4/26	6/4/26	7/4/26	8/4/26	9/4/26	10/4/26	11/4/26	13/4/26	15/4/26
1	Adsule Samiksha M.	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>
2	Bhoi Suhani Sukhadev	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>	<u>SSBhoi</u>
3	Bhosale Madhujay Vijay	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>	<u>MBhos</u>
4	Bhosale Priyanka Tukaram	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>
5	Dangare Sanjana Kiran	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>	<u>sirj</u>
6	Desai Isha Rajendra	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>	<u>I.R.desai</u>
7	Dhumal Snehal Mahesh	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>
8	Gangdhar Omavati Namdev	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>	<u>angdhar</u>
9	Gavandi Firoj Malik	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>	<u>mgavandi</u>
10	Haval Veena Balu	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>	<u>v.B.Haval</u>
11	Ingale Pranali Parashram	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>	<u>PPgle</u>
12	Jadhav Shravan Pravin	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>	<u>Sadhar</u>
13	Janvekar Purva Kisan	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>	<u>Purva</u>
14	Kamble Shweta Appaso	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>
15	Kate Snehal Dhananjay					<u>Absent</u>					
16	Khot Mayur Ashwini	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>	<u>Mkhot</u>
17	Koikar Shweta Sujay					<u>Absent</u>					
18	Kulkarni Vaibhav Dattajirao	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>	<u>V.G.kulkarni</u>



19	Kumtola Adinath Sanjay	A.S.K	A.S.K	A.S.K	A.S.K	A.S.K	A.S.K	A.S.K	A.S.K	A.S.K	A.S.K
20	Mali Ramchandra Mahadev	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra	Ramchandra
21	Mane Pranjali Vikas	Pmanj	Pmanj	Pmanj	Pmanj	Pmanj	Pmanj	Pmanj	Pmanj	Pmanj	Pmanj
22	Mane Shrivani Sanjay	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane	Smane
23	Momin Rabiya N.				ABSENT						
24	Nadaf Saniya Dadapir	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf	S.D.Nadaf
25	Naikwadi Mohammadjaid I.	Idaj	Idaj	Idaj	Idaj	Idaj	Idaj	Idaj	Idaj	Idaj	Idaj
26	Nikam Poonam Hanmant	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam	PNikam
27	Nirmal Karuna Krishna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna	Karuna
28	Niwale Prem Vishwadeep	PV	PV	PV	PV	PV	PV	PV	PV	PV	PV
29	Padiyar Sumit Sadashiv	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit
30	Patel Moaman Shahajahan	AS.Patel	AS.Patel	AS.Patel	AS.Patel	AS.Patel	AS.Patel	AS.Patel	AS.Patel	AS.Patel	AS.Patel
31	Patil Ketaki Shashikant	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil	Kpatil
32	Patil Nilesh Dilip	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil
33	Patil Vishal Vijay	VP	VP	VP	VP	VP	VP	VP	VP	VP	VP
34	Patil Shreya Sunil				ABSENT						
35	Powar Diksha Dipak	DPowar	DPowar	DPowar	DPowar	DPowar	DPowar	DPowar	DPowar	DPowar	DPowar
36	Sandugade Pranali Raju	PSandugade	PSandugade	PSandugade	PSandugade	PSandugade	PSandugade	PSandugade	PSandugade	PSandugade	PSandugade
37	Satpute Rahul Ramakant	RSatpute	RSatpute	RSatpute	RSatpute	RSatpute	RSatpute	RSatpute	RSatpute	RSatpute	RSatpute
38	Satpute Snajana Dipak	DSatpute	DSatpute	DSatpute	DSatpute	DSatpute	DSatpute	DSatpute	DSatpute	DSatpute	DSatpute
49	Shelake Aditya Suresh	AShelake	AShelake	AShelake	AShelake	AShelake	AShelake	AShelake	AShelake	AShelake	AShelake
40	Shirgaonkar Shuddha Ganesh	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar	SGShirgaonkar
41	Tippe Sarika Rajaram	RSarika	RSarika	RSarika	RSarika	RSarika	RSarika	RSarika	RSarika	RSarika	RSarika



42	Vichare Sourabh Ashok	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>
43	Walvekar Ankita Anil	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>
44	Harale Vijaya Subhash	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>	<u>Swich</u>



Dr. D. A. Kumbhar

HEAD,
Department of Chemistry,
 Dattajirao Kadam Arts, Science
 & Commerce College,
 ICHALKARANJI.

Shri Swami Vivekanand Shikshan Sanstha's, Kolhapur
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.
DEPARTMENT OF CHEMISTRY
Preparation of Household Chemicals 2025-26

Notice

Date: 22/04/2026

All the students of the course **Preparation of Household Chemicals** are hereby informed that the theory & practical examination for this course is scheduled as below. All the students must remain present for the examination at the scheduled time. There is no provision for Re-examination.

Date	Time	Paper
27/04/2026	11:00am to 12:30pm	Theory Paper-I
	12:30pm to 02:00pm	Theory Paper-II
	02:30pm to 04:30pm	Practical Paper-III



Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
DATTAJIRAO KADAM ARTS SCIENCE & COMMERCE COLLEGE,
ICHALKARANJI.

DEPARTMENT OF CHEMISTRY

Preparation of Household Chemicals 2025-26

Time: 1.5Hrs

TH_P_I_Basic Concepts of Analytical Chemistry

Total: 30 Marks

Q.1 Multiple Choice Questions

10 Marks

- i) Equivalent weight of NaOH, is
a) 98 b) 40 c) 80 d) 100
- ii) Unit of Normality is.....
a) Liter⁻¹ b) Mol/dm³ c) Mol/Kg⁻¹ d) all of these
- iii)..... is known as Common Solvent.
a) Water b) Petrol c) Petrol d) Kerosene
- iv)..... is used as household chemical.
a) Sucrose b) Lactose c) Maltose d) Arabinose
- v) Phenolphthalein Indicator in Basic medium gives-----Color to the Solution.
a) Blue b) Black c) Pink d) Colourless
- vi) In general, the pH scale spans from
a) 0-1 b) 1-2 c) 0-7 d) 0-14
- vii) A water solution with a pH of 10 is
a) is always acidic b) is always basic c) is always neutral d) acidic, basic, or neutr
- viii) The pH range of methyl orange as an indicator is.
a) 3-5 b) 8-9 c) 2-4 d) 11-12
- ix) Cleansing action of soap is due to its.....nature
a) hydrophilic b) hydrophobic c) amphipathic d) none of these
- x) of the following is not additives used in soap manufacture.
a) Fatty acid b) Antioxidant c) Fixative d) Builder

Q. 2 Answer any two of the following

10 Marks

- How will you prepare 1 liter 0.1 N NaOH.
- Explain the terms a) Hydrophilic b) Hydrophobic.
- Describe the hot process in detail.

Q.3 Attempt any One of the following

10 Marks

- Explain the types of titrations.
- Explain the cleaning action of soap in brief.





“ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार” – शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's

DATTAJI RAO KADAM ARTS, SCIENCE & COMMERCE JUNIOR COLLEGE, ICHALKARANJI



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Seat No.

बैठक

क्रमांक

In figure

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In words

अक्षरात

Three Three One

Seven Four Nine

Candidate's

Signature

परिक्षार्थीची सही

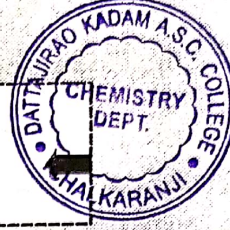
Supervisor's

Signature

पर्यवेक्षकांची सही

* बारकोड ह्या चौकटीत चिकटवा.

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B

बारकोड संबंधी सूचना

- विद्यार्थ्यांनी प्रथम पर्यवेक्षकाकडून बारकोड स्टिकर घ्यावे.
- बारकोड वरील बैठक क्रमांक व विषय बरोबर असल्याची खात्री करून घ्यावी.
- बारकोड स्टिकर त्यासाठी दिलेल्या जागेमध्ये घडी पडून न देता चिकटवावा.
- बारकोडवर अन्य कोणतेही लिखान करू नये. केल्यास परीक्षेतील गैरमार्गाचा प्रकार मानण्यात येईल.
- उत्तरपत्रिकेच्या मुखपृष्ठावरील अन्य माहिती, विहित जागेत लिहावी.

DKASC

फक्त UID कोडसाठी जागा.
(परिक्षक वापरासाठी)

DKASC

NAME :	Priyanka Tukaram Bhosale
CLASS :	B.Sc - III.
DIVISION :	-
SUBJECT :	Chemistry -
SECTION :	-
DATE :	27/04/2026
LANGUAGE OF ANSWER	English.

Q. No. Section	Examiner	Moderator	Chief Moderator	
1/A	10			
2/B	68			
3/C	09			
4/D				
5				
6				
7				
8				
9				
10				
11				
12				
Total in Figure	27			
Total in Words	twenty seven			

Out of	30			
Signature				

Specific Remarks Regarding Malpractice



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Q. No.	1											Total
Marks	10											10

प्रश्न क्र.
Q. No.

Q. 1)

→

i) b) 40.

ii) a) Liter⁻¹

iii) a) Water

iv) a) Sucrose

v) c) Pink.

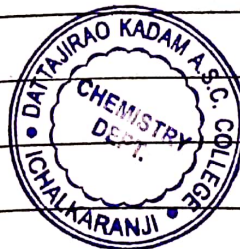
vi) d) 0-14

vii) b) is always basic

viii) a) 3-5

ix) c) amphipathic

x) a) Fatty acid.



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Marks												

प्रश्न क्र.
Q. No.

Q. 2)

→ 2)

a) Hydrophilic :-

- 1) Also its meaning 'Water loving'
- 2) The sub. or molecules that are attracted to water and tend to dissolve in it called 'Hydrophilic'.
- 3) They are typically polar or charged molecules.
- 4) They interact well with water through hydrogen bonding or ionic interaction.
- 5) Examples: Common ex. includes salts (like NaCl) Sugar, starch and alcohols)
- 6) Importance - They are essential Nutrients and metabolic waste transport easily within the water-based environment of cell.

b) Hydrophobic :-

- 1) They are 'water hating'
- 2) The sub. that repels water or fail to mix. it and They are dissolve in water called 'Hydrophobic'
- 3) They are generally Non-polar covalent molecular
- 4) They do not form hydrogen bond with water. instead, they tend to cluster together to avoid contact with water molecules called as hydrophobic effect.
- 5) Common eg. in include fats, oils, waxes and hydrocarbons.
- 6) Application - It is used for waterproofing materials and forming the core of cell membrane.



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Marks												

प्रश्न क्र.
Q. No.

Q. 2)

→ 3)

Hot or Boiled process :

1) Boiling or saponification :

- Here big kettle pan is used which is about 9.0 m in diameter and 10 m in height with a slightly conical bottom.
- Oil or fat is taken into that kettle and melted by steam. To this calculated amount of aqueous caustic soda solution (12 to 15%) called lye added slowly.
- The reacting mixture is heated by passing steam through the perforated coils at the bottom of kettle and it is kept boiling until the reaction is complete.
- Agitation is done by a direct steam jet provided at the centre and 80-85% of saponification is effected in 4 hours.

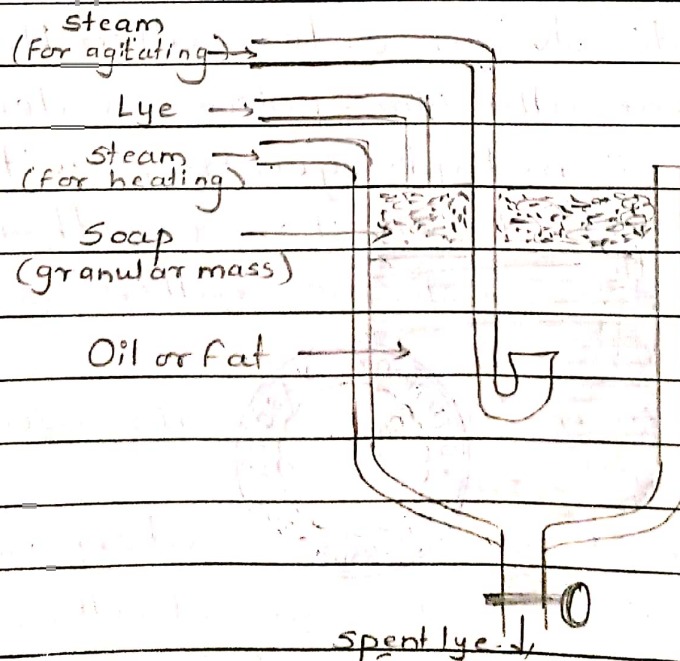


Fig. Vertical Kettle.

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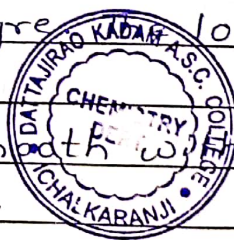
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2) Graining or salting out:

- Mixture of soap and glycerine is obtained in first step to which rock (or brine, NaCl) is added and allowed to dissolve with boiling.
- Soap being insoluble in brine solution and separates from the mixture to form a floating granular mass hence the step name is graining.
- The lower aqueous layer called spent lye contains dissolved glycerine (about 4%) and salt. So, it is drawn off from the kettle, to recover glycerine and salt solution.
- The soap left in the kettle is boiled again with some lye and spent lye is collected.
- The whole operation is repeated once again. This treatment complete saponification.

3) Finishing -

- The soap now contains excess alkali and salt adhered to it. So, to remove them, soap is boiled with water for some time and allowed to settle.
- Three layer - The upper layer consists of melted soap. middle layer is a mechanical mixture of soap in soap solⁿ. It contains some impurities. so dark in colour, and is called nigre. lower layer contains some alkali, it is washed.
- The melted soap is smooth with grossy appearance and is called neat soap.
- It is taken in to a crusher and filters, colouring agents.

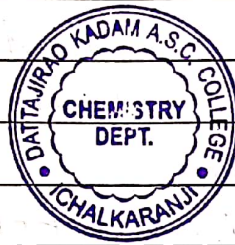


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Marks	8											8

प्रश्न क्र.
Q. No.

perfume etc. are added and thoroughly mixed.
It is then, spray dried and allowed to stand
for 2-3 days. until it becomes hard. Then cut
into cakes. stamped, packed and marketed.



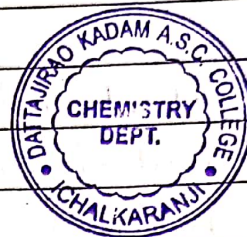
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Q. No.												Total
Marks												

प्रश्न क्र.
Q. No.

Q. 3)

→ 2) Cleaning action of soap.



The dirt is the soil held to the thin film of some greasy material (oil, cooking, fats, sweat, automobile, exhaust etc). deposited on skin, cloth, metals etc surfaces. Dirt is insoluble in water so washing with water alone will not remove dirt, but soap (detergent) can. Seemingly simple cleaning process is in fact complex and involves,

i) Wetting the surface.

- Soap or any other detergent reduces surface tension of water and speeds up its spreading and wetting ability. So water along with detergent easily spreads and penetrates the fabric to reach dirt at cleansing site.

ii) Absorption of detergent.

- The hydrophobic tails of detergent pierce into water insoluble oily dirt layer. On agitation the greasy layer of dirt breaks down and emulsify by forming micelle droplets.

iii) Dispersion of dirt from surface to wash water.

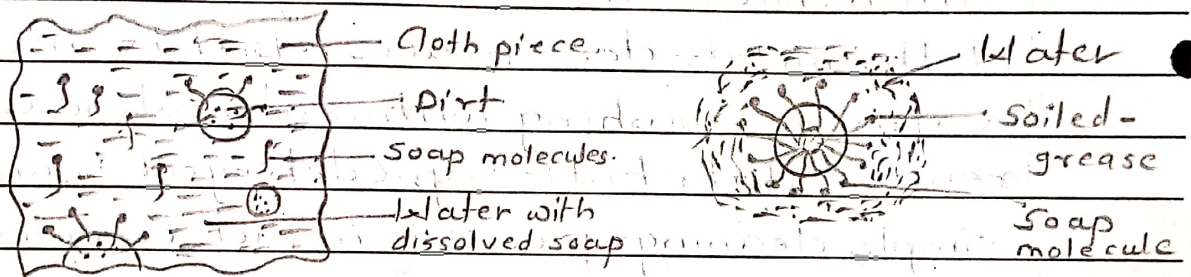
- The dirt encapsulated by soap loses its grip on the surface and the hydrophilic heads of micelles.

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Marks	9											9

प्रश्न क्र.
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get H-bonded with wash water. Eventually by agitation the micelles get dispersed in wash water. These micelles are carried away with wash water on rinsing. Mechanical agitation and higher temp. help dirt dispersion.



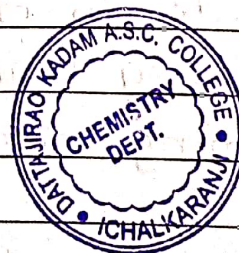
a) Soiled fabric wetted in soap solution

b) Soap coated soiled oil drop.

Fig. Cleansing action of soap

i) Prevents re-deposition of dirt:

- Dirt micelles are kept in dispersed state by stabilizing them. Special additives used help to prevent release and re-deposition of dirt due to flocculation or coagulation of micelles.



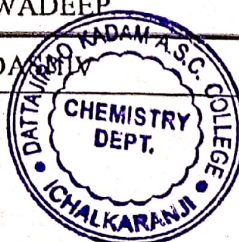
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Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji

DEPARTMENT OF CHEMISTRY

Preparation of Household Chemicals 2025-26

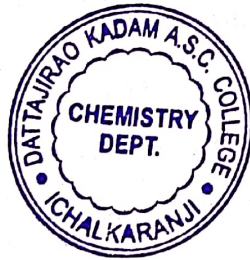
Theory/Practical Exam Attendance

Sr. No	Roll No.	Name of Students	Sign
1	5510	ADSULE SAMIKSHA MAHESHKUMAR	S.M. Adsule
2	5511	BHOI SUHANI SUKHADEV	SSBhoi
3	5512	BHOSALE MADHUJA VIJAY	M Bhosale
4	5513	BHOSALE PRIYANKA TUKARAM	P Bhosale
5	5514	DANGARE SANJANA KIRAN	S.K. Dangare
6	5515	DESAI ISHA RAJENDRA	I.R. Desai
7	5516	DHUMAL SNEHAL MAHESH	S. Dhumal
8	5517	GANGDHAR OMAVATI NAMDEV	A. Gangdhare
9	5518	GAVANDI FIROJ MALIK	A. Gavandi
10	5519	HAVAL VEENA BALU	V.B. Haval
11	5520	INGALE PRANALI PARASHRAM	P. Ingale
12	5521	JADHAV SHRAVANI PRAVIN	S. Jadhav
13	5522	JANVEKAR PURVA KISAN	P. Janvekar
14	5523	KAMBLE SHWETA APPASO	S. Kamble
15	5524	KATE SNEHAL DHANANJAY	Absent
16	5525	KHOT MAYURI MALHARI	M. Khot
17	5526	KOIK PARSHVA SUJAY	Absent
18	5527	KULARNI VAISHNAVI GAJANAN	V.G. Kulkarni
19	5528	KUMTOLE ADINATH SANJAY	A.S. K.
20	5529	MALI RAMCHANDRA MAHADEV	R. Malib
21	5530	MANE PRANJALI VIKAS	P. Mane
22	5531	MANE SHRAVANI SANJAY	S. Mane
23	5532	MOMIN RABIYA NASEERAHAMD	Absent
24	5533	NADAF SANIYA DADAPIR	S.D. Nadaf
25	5534	NAIKWADI MOHAMMADJAIID IMTIYAZALI	M. N.
26	5535	NIKAM POONAM HANMANT	P. Nikam
27	5536	NIRMAL KARUNA KRISHNA	K. Nirmal
28	5537	NIWALE PREM VISHWADEEP	P. Niwale
29	5538	PADIYAR SUMIT SADASHIV	S. Padiyar



30	5540	PATEL MOAMAN SHAHAJAHAN	Absent
31	5541	PATIL KETAKI SHASHIKANT	Kaputi
32	5542	PATIL NILESH DILIP	BM
33	5543	PATIL VISHAL VIJAY	AP
34	5544	PATIL SHREYA SUNIL	Absent
35	5545	POWAR DIKSHA DIPAK	DBikar
36	5546	SANDUGADE PRANALI RAJU	Pandugade
37	5547	SATPUTE RAHUL RAMAKANT	SD
38	5548	SATPUTE SNAJANA DIPAK	Satpute
39	5549	SHELAKE ADITYA SURESH	Shelake
40	5550	SHINGE SHRADDHA GANESH	S. G. Shinge
41	5552	TIPPE SARIKA RAJARAM	Tippe
42	5553	VICHARE SOURABH ASHOK	Swich
43	5554	WALVEKAR ANKITA ANIL	Walvekar
44	5669	HARALE VIJAYA SUBHASH	Harale

Present: 39 Absent: 05 Total: 44




Dr. D/A. Kumbhar

HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
DATTAJIRAO KADAM ARTS SCIENCE & COMMERCE COLLEGE, ICHALKARANJLI.
DEPARTMENT OF CHEMISTRY

Preparation of Household Chemicals 2025-26

Time: 1.5Hrs TH_P_II_Household Chemicals: Intro., Synthesis & Manufacturing Total: 30 Marks

Q.1 Multiple Choice Questions

10 Marks

1. Which of the following is not the use of sanitary acid?
A] Descaling B] Rust removal C] Industrial cleaning D] Pest control
2. Which of the following is not the Type of sanitary acid?
A] Hydrochloric acid B] Phosphoric acid C] Citric acid D] Cinnamic acid
3. Which of the following is not the use of Liquid Soap
A] Hygiene B] Cleaning C] Pesticide D] Antibactericidal
4. Which of the following is not the Step of Crystallisation?
A] Hot filtration B] Cooling filtrate C] Filtration D] Digestion
5. Which of the following is not the liquid soap?
A] Santoor B] Lysol C] Dettol D] Savlon
6. Which of the following is the correct molecular formula of phenol?
A] C_6H_5O B] C_6H_5OH C] C_6H_5 D] C_6H_6
7. Which test is used to distinguish phenol from alcohol?
A] Lucas test B] $FeCl_3$ test C] Iodoform test D] 2,4- DNP test
8. Phenol does not react with?
A] NaOH B] Na C] $NaHCO_3$ D] Br_2 water
9. Which of the following is a qualitative analytical technique?
A] Gravimetric B] Titrimetric C] Chromatography D] Spectrophotometry
10. The term "blank" in analysis refers to?
A] Sample without Analyte B] Empty Container C] Zero reading D] Standard solution

Q.2 Answer in short (ANY TWO)

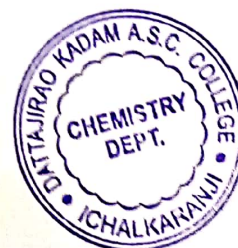
10 Marks

1. Write Different types of sanitary Acids?
2. Write the Physical Properties of Phenols?
3. Discuss different steps involved in distillation?

Q.3 Answer in long (ANY ONE)

10 Marks

1. Give different type of household chemicals?
2. Write the principle and steps involved in crystallisation?





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Shri Swami Vivekanand Shikshan Sanstha's

DATTAJI RAO KADAM ARTS, SCIENCE & COMMERCE JUNIOR COLLEGE, ICHALKARANJJI



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Centre No.

केंद्र क्रमांक

0 0 3 8

Seat No.

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क्रमांक

In figure

अंकात

In words

अक्षरात

Candidate's

Signature

परिक्षार्थीची सही

Supervisor's

Signature

पर्यवेक्षकांची सही

3 3 1 7 7 6

Three Three One
Seven Seven Six

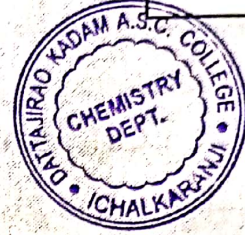
Diksha

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* बारकोड ह्या चौकटीत चिकटवा.

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B

बारकोड संबंधी सूचना

- विद्यार्थ्यांनी प्रथम पर्यवेक्षकाकडून बारकोड स्टिकर घ्यावे.
- बारकोड वरील बैठक क्रमांक व विषय बरोबर असल्याची खात्री करून घ्यावी.
- बारकोड स्टिकर त्यासाठी दिलेल्या जागेमध्ये घडी पडून न देता चिकटवावा.
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- उत्तरपत्रिकेच्या मुखपृष्ठावरील अन्य माहिती, विहित जागेत लिहावी.

DKASC

फक्त UID कोडसाठी जागा.
(परिक्षक वापरासाठी)

DKASC

NAME :	Diksha Dipak Powar
CLASS :	B.Sc.III
DIVISION :	-
SUBJECT :	Chemistry
SECTION :	-
DATE :	27/04/26
LANGUAGE OF ANSWER	English.

Q. No. Section	Examiner	Moderator	Chief Moderator
1/A	10		
2/B	07		
3/C	10		
4/D			
5			
6			
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Total in Figure	27		
Total in Words	Twenty seven		

Specific Remarks Regarding Malpractice
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Out of	30
Signature	<i>[Signature]</i>



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Q. No.	1											Total
Marks	10											10

प्रश्न क्र.
Q. No.

Q. 1.

1. $\rightarrow$ D) Pest control

2. $\rightarrow$ D) Cinnamic acid

3. $\rightarrow$ C) Pesticide

4. $\rightarrow$ D) Digestion

5. $\rightarrow$ B) Lysol

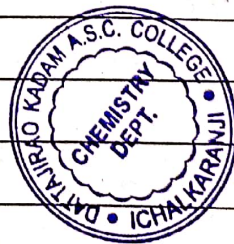
6. $\rightarrow$ B) C_6H_5OH

7. $\rightarrow$ B) $FeCl_3$ test

8. $\rightarrow$ C) $NaHCO_3$

9. $\rightarrow$ C) Chromatography

10. $\rightarrow$ A) Sample without Analyte.



0.2.

1. $\rightarrow$ Types of Sanitary Acids:

1) Hydrochloric Acid (Muriatic Acid) :

Often used for cleaning masonry and removing tough stains. It is highly effective but must be handled with care due to its corrosive nature.

2) Phosphoric Acid:

Commonly found in rust removers and descaling products. It is less aggressive than hydrochloric acid but still effective for cleaning tasks.

3) Citric Acid :

- A milder organic acid that can be used for descaling and cleaning. It's often found in eco-friendly cleaning products.

4) Acetic Acid (Vinegar):

While not as strong as other acids, vinegar can effectively remove mineral deposits and is often used as a natural cleaning agent.



Do not write your name or seat no. below this line.

Q. No.	2											Total
Marks	7											7

प्रश्न क्र.
Q. No.

Q. 2.

2. → Physical properties of Phenols :

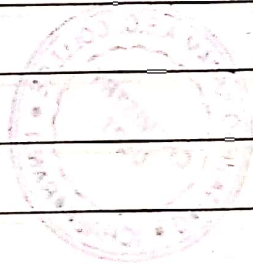
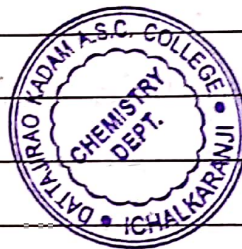
✓ Colour : Colourless (turns pink on air exposure)

Smell : Sharp, antiseptic smell.

State : Solid / liquid

Solubility : Slightly soluble in water.

Boiling point : High (due to hydrogen bonding)

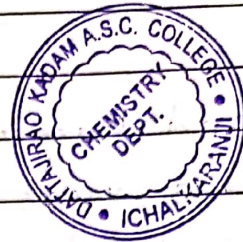


Do not write your name or seat no. below this line.

Q. No.												Total
Marks												

प्रश्न क्र.
Q. No.

Q. 3.



1. → Types of household chemicals :

1) Cleaning Agents :

- All-Purpose Cleaners : Versatile products designed to clean various surfaces, including ~~can~~ countertops, floors, and appliances.
- Glass Cleaners : Formulated to remove smudges and streaks from glass surfaces.
- Bathroom Cleaners : Target soap scum, mold and mildew in bathrooms.
- Disinfectants : Kill germs and bacteria on surfaces; often contain bleach or alcohol.

2) Laundry Products :

- Laundry Detergents : Used to clean clothes; available in liquid, powder and pod forms.
- Fabric Softeners : Reduce static cling and make fabrics feel softer.
- Stain Removers : Target specific stains on clothing before washing.

3) Kitchen Chemicals :

- Dishwashing Detergents : Used for cleaning dishes, pots and pans.
- Oven Cleaners : Designed to remove tough grease.

Do not write your name or seat no. below this line.

Q. No.	3											Total
Marks	15											10

प्रश्न क्र.
Q. No.

and burnt - on food from ovens.

- Degreasers : Effective for cutting through grease in kitchens.

4) Pest Control Products :

- Insecticides : Used to eliminate pests like ants, roaches, and flies.
- Rodenticides : Target rodents such as mice & rats.

5) Personal Care Products :

- Soaps & Body Washes : Used for personal hygiene.
- Shampoos & Conditioners : For hair care.

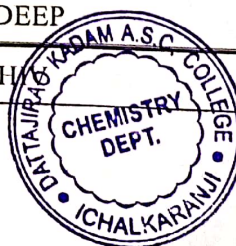
6) Miscellaneous :

- Air Fresheners : Mask or eliminate odors in living spaces.
- Furniture Polish : Used to clean and shine wooden furniture.



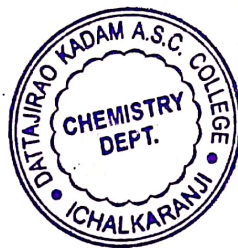
Shri Swami Vivekanand Shikshan Sanstha's
Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji
DEPARTMENT OF CHEMISTRY
Preparation of Household Chemicals 2025-26
Theory/Practical Exam Attendance

Sr. No	Roll No.	Name of Students	Sign
1	5510	ADSULE SAMIKSHA MAHESHKUMAR	<u>S. M. Adsule</u>
2	5511	BHOI SUHANI SUKHADEV	<u>S. Bhoi</u>
3	5512	BHOSALE MADHUJA VIJAY	<u>M. Bhosale</u>
4	5513	BHOSALE PRIYANKA TUKARAM	<u>P. Bhosale</u>
5	5514	DANGARE SANJANA KIRAN	<u>S. Dangare</u>
6	5515	DESAI ISHA RAJENDRA	<u>I. R. Desai</u>
7	5516	DHUMAL SNEHAL MAHESH	<u>S. Dhumal</u>
8	5517	GANGDHAR OMAVATI NAMDEV	<u>A. Gangdhare</u>
9	5518	GAVANDI FIROJ MALIK	<u>A. Gavandi</u>
10	5519	HAVAL VEENA BALU	<u>N. B. Haval</u>
11	5520	INGALE PRANALI PARASHRAM	<u>P. Ingale</u>
12	5521	JADHAV SHRAVANI PRAVIN	<u>S. Jadhav</u>
13	5522	JANVEKAR PURVA KISAN	<u>P. Janvekar</u>
14	5523	KAMBLE SHWETA APPASO	<u>S. Kamble</u>
15	5524	KATE SNEHAL DHANANJAY	<u>Absent</u>
16	5525	KHOT MAYURI MALHARI	<u>M. Khot</u>
17	5526	KOIK PARSHVA SUJAY	<u>Absent</u>
18	5527	KULARNI VAISHNAVI GAJANAN	<u>V. G. Kularni</u>
19	5528	KUMTOLE ADINATH SANJAY	<u>A. Kumtole</u>
20	5529	MALI RAMCHANDRA MAHADEV	<u>R. Malichandra</u>
21	5530	MANE PRANJALI VIKAS	<u>P. Mane</u>
22	5531	MANE SHRAVANI SANJAY	<u>S. Mane</u>
23	5532	MOMIN RABIYA NASEERAHAMD	<u>Absent</u>
24	5533	NADAF SANIYA DADAPIR	<u>S. D. Nadaf</u>
25	5534	NAIKWADI MOHAMMADJAI IMTIYAZALI	<u>M. Naikwadi</u>
26	5535	NIKAM POONAM HANMANT	<u>P. Nikam</u>
27	5536	NIRMAL KARUNA KRISHNA	<u>K. Nirmal</u>
28	5537	NIWALE PREM VISHWADEEP	<u>P. Niwale</u>
29	5538	PADIYAR SUMIT SADASH	<u>S. Padiyar</u>



30	5540	PATEL MOAMAN SHAHAJAHAN	P. S. Patel Ab
31	5541	PATIL KETAKI SHASHIKANT	K. S. Patil
32	5542	PATIL NILESH DILIP	N. S. Patil
33	5543	PATIL VISHAL VIJAY	V. S. Patil
34	5544	PATIL SHREYA SUNIL	S. S. Patil Absent
35	5545	POWAR DIKSHA DIPAK	P. S. Patil
36	5546	SANDUGADE PRANALI RAJU	P. S. Patil
37	5547	SATPUTE RAHUL RAMAKANT	R. S. Patil
38	5548	SATPUTE SNAJANA DIPAK	S. S. Patil
39	5549	SHELAKE ADITYA SURESH	A. S. Patil
40	5550	SHINGE SHRADDHA GANESH	S. S. Patil
41	5552	TIPPE SARIKA RAJARAM	S. S. Patil
42	5553	VICHARE SOURABH ASHOK	S. S. Patil
43	5554	WALVEKAR ANKITA ANIL	A. S. Patil
44	5669	HARALE VIJAYA SUBHASH	V. S. Patil

Present: 39 Absent: 05 Total: 44



[Signature]

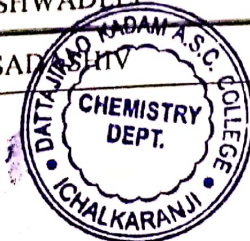
Dr. D. A. Kumbhar

HEAD,
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& Commerce College,
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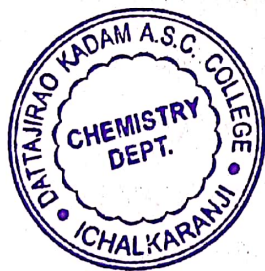
DEPARTMENT OF CHEMISTRY
Preparation of Household Chemicals 2025-26
Theory/Practical Exam Attendance

Sr. No	Roll No.	Name of Students	Sign
1	5510	ADSULE SAMIKSHA MAHESHKUMAR	S.M. Adsule
2	5511	BHOI SUHANI SUKHADEV	SSBhoi
3	5512	BHOSALE MADHUJA VIJAY	Mhose
4	5513	BHOSALE PRIYANKA TUKARAM	Bhosale
5	5514	DANGARE SANJANA KIRAN	SJK
6	5515	DESAI ISHA RAJENDRA	I.R. Desai
7	5516	DHUMAL SNEHAL MAHESH	Snehal
8	5517	GANGDHAR OMAVATI NAMDEV	anganghar
9	5518	GAVANDI FIROJ MALIK	mgavandi
10	5519	HAVAL VEENA BALU	V.B. Haval
11	5520	INGALE PRANALI PARASHRAM	P. Ingale
12	5521	JADHAV SHRAVANI PRAVIN	Sadhar
13	5522	JANVEKAR PURVA KISAN	Purva
14	5523	KAMBLE SHWETA APPASO	Kamble
15	5524	KATE SNEHAL DHANANJAY	Absent
16	5525	KHOT MAYURI MALHARI	M. Khot
17	5526	KOIK PARSHVA SUJAY	Absent
18	5527	KULARNI VAISHNAVI GAJANAN	V.G. Kulkar
19	5528	KUMTOLE ADINATH SANJAY	ASK
20	5529	MALI RAMCHANDRA MAHADEV	Ramchandra
21	5530	MANE PRANJALI VIKAS	P. Mane
22	5531	MANE SHRAVANI SANJAY	S. Mane
23	5532	MOMIN RABIYA NASEERAHAMD	Absent
24	5533	NADAF SANIYA DADAPIR	S.D. Nadaf
25	5534	NAIKWADI MOHAMMADJAD IMTIYAZALI	Isak
26	5535	NIKAM POONAM HANMANT	P. Nikam
27	5536	NIRMAL KARUNA KRISHNA	Karuna
28	5537	NIWALE PREM VISHWADEEP	Prem
29	5538	PADIYAR SUMIT SARDARSHIV	Sumit



30	5540	PATEL MOAMAN SHAHAJAHAN	Absent
31	5541	PATIL KETAKI SHASHIKANT	Ketaki
32	5542	PATIL NILESH DILIP	Nilesh
33	5543	PATIL VISHAL VIJAY	Vishal
34	5544	PATIL SHREYA SUNIL	Absent
35	5545	POWAR DIKSHA DIPAK	Diksha
36	5546	SANDUGADE PRANALI RAJU	Pranali
37	5547	SATPUTE RAHUL RAMAKANT	Rahul
38	5548	SATPUTE SNAJANA DIPAK	Satpute
39	5549	SHELAKA ADITYA SURESH	Shelake
40	5550	SHINGE SHRADDHA GANESH	S.G. Shinge
41	5552	TIPPE SARIKA RAJARAM	Sarika
42	5553	VICHARE SOURABH ASHOK	Sourabh
43	5554	WALVEKAR ANKITA ANIL	Ankita
44	5669	HARALE VIJAYA SUBHASH	Vijaya

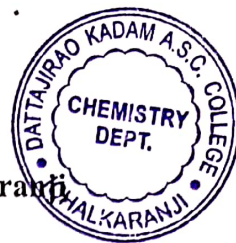
Present: 39 Absent: 05 Total: 44



[Signature]

Dr. D. A. Kumbhar

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Shri Swami Vivekanand Shikshan Sanstha's
Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji
DEPARTMENT OF CHEMISTRY

Preparation of Household Chemicals 2025-26

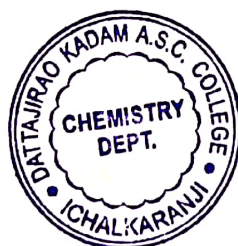
Mark List

Sr. No	Roll No.	Name of Students	Theory Paper_I	Theory Paper_II	Practical Paper_III	Total	Grade
1	5510	Adsule Samiksha Maheshkumar	22	23	33	78	O
2	5511	Bhoi Suhani Sukhadev	24	22	34	80	O+
3	5512	Bhosale Madhuja Vijay	25	24	35	84	O+
4	5513	Bhosale Priyanka Tukaram	27	25	37	89	O+
5	5514	Dangare Sanjana Kiran	26	25	36	87	O+
6	5515	Desai Isha Rajendra	27	26	37	90	O+
7	5516	Dhumal Snehal Mahesh	26	24	36	86	O+
8	5517	Gangdhar Omavati Namdev	28	25	38	91	O+
9	5518	Gavandi Firoj Malik	23	22	33	78	O
10	5519	Haval Veena Balu	25	23	35	83	O+
11	5520	Ingale Pranali Parashram	27	26	37	90	O+
12	5521	Jadhav Shravani Pravin	26	25	36	87	O+
13	5522	Janvekar Purva Kisan	24	24	34	82	O+
14	5523	Kamble Shweta Appaso	25	25	35	85	O+
15	5525	Khot Mayuri Malhari	27	27	37	91	O+
16	5526	Koik Parshva Sujay	Absent	Absent	Absent	Absent	Absent
17	5527	Kularni Vaishnavi Gajanan	24	24	34	82	O+
18	5528	Kumtole Adinath Sanjay	26	24	36	86	O+
19	5529	Mali Ramchandra Mahadev	25	24	35	84	O+
20	5530	Mane Pranjali Vikas	26	26	36	88	O+
21	5531	Mane Shravani Sanjay	27	24	37	88	O+
22	5532	Momin Rabiya Naseerahamad	Absent	Absent	Absent	Absent	Absent
23	5533	Nadaf Saniya Dadapir	24	24	34	82	O+
24	5534	Naikwadi Mohammadjaid Imtiyazali	24	24	34	82	O+
25	5535	Nikam Poonam Hanmant	27	23	37	87	O+
26	5536	Nirmal Karuna Krishna	28	27	38	93	O+
27	5537	Niwale Prem Vishwadeep	27	24	37	88	O+
28	5538	Padiyar Sumit Sadashiv	26	23	36	85	O+
29	5540	Patel Moaman Shahajahan	Absent	Absent	Absent	Absent	Absent

30	5541	Patil Ketaki Shashikant	24	22	34	80	O+
31	5542	Patil Nilesh Dilip	23	22	33	78	O
32	5543	Patil Vishal Vijay	23	22	33	78	O
33	5544	Patil Shreya Sunil	Absent	Absent	Absent	Absent	Absent
34	5545	Powar Diksha Dipak	29	27	39	95	O+
35	5546	Sandugade Pranali Raju	27	26	37	90	O+
36	5547	Satpute Rahul Ramakant	24	25	35	84	O+
37	5548	Satpute Snajana Dipak	26	25	36	87	O+
38	5549	Shelake Aditya Suresh	26	25	36	87	O+
39	5550	Shinge Shraddha Ganesh	26	24	36	86	O+
40	5552	Tippe Sarika Rajaram	28	28	38	94	O+
41	5553	Vichare Sourabh Ashok	24	26	36	86	O+
42	5554	Walvekar Ankita Anil	29	29	39	97	O+
43	5669	Harale Vijaya Subhash	27	26	37	90	O+

Present: 39, Absent: 04, Total: 43

Sr. No.	Remark	Mark range	Grade
1	Outstanding	80 & Above	O+
2	Excellent	76 to 79	O
3	Very Good	71 to 75	A+
4	Good	61 to 70	A
5	Pass	40 to 60	B



Dr. D/A. Kumbhar

HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.



"Dissemination of Education for Knowledge, Science and Culture"

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Certificate Course in Preparation of household chemicals 2025-26

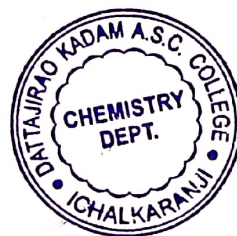
Shri/Smt: Bhosale Priyanka Tukaram

Exam date: 27th April 2026

Seat No.	Paper I	Paper II	Paper III	Grand Total	Percentage	Grade	Remark
	Theory	Theory	Practical				
Maximum Marks	30	30	40	100	89.00 %	O+	Outstanding
Minimum for Passing	12	12	16	40			
Marks Obtained	27	25	37	89			

Date: - 30th April 2026

Dr. D. A. Kumbhar
Head, Department of Chemistry



Prof. (Dr.) S. K. Khade
Principal

"Dissemination of Education for Knowledge, Science and Culture"

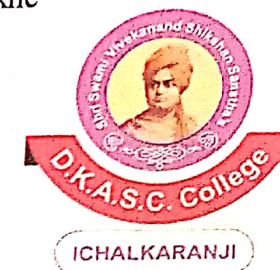
- Shikshanmaharshi Dr. Bapuji Salunkhe

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Certificate Course in Preparation of household chemicals 2025-26

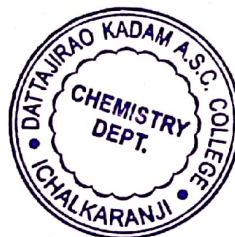
Shri/Smt: Powar Diksha Dipak

Exam date: 27th April 2026

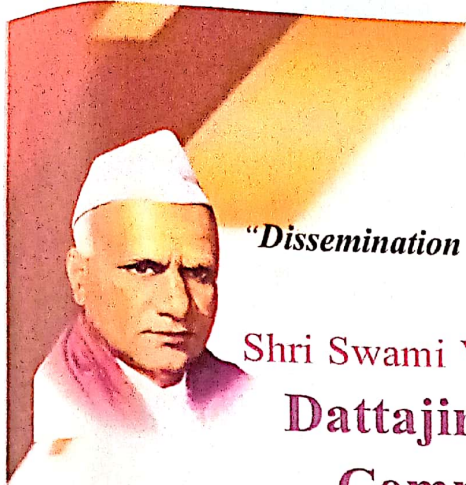
Seat No.	Paper I	Paper II	Paper III	Grand Total	Percentage	Grade	Remark
	Theory	Theory	Practical				
Maximum Marks	30	30	40	100	95.00 %	O+	Outstanding
Minimum for Passing	12	12	16	40			
Marks Obtained	29	27	39	95			

Date: - 30th April 2026

Dr. D. A. Kumbhar
Head, Department of Chemistry



Prof. (Dr.) S. K. Khade
Principal

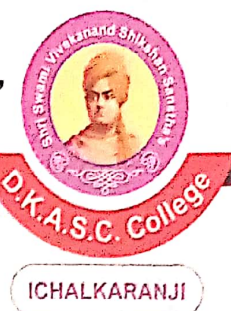


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**Dattajirao Kadam Arts, Science and
Commerce College, Ichalkaranji.**

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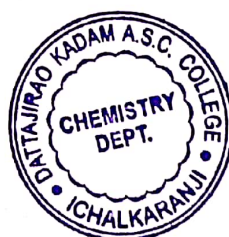


Certificate

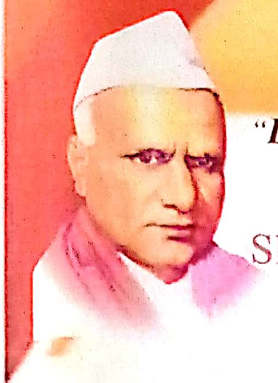
This is to certify that **Miss. Bhosale Priyanka
Tukaram** has attended the certificate course in *"Preparation of
household chemicals"* from **Dec. 2025** to **April 2026** and
completed the course satisfactorily in **O⁺** grade.

Date: 30th April 2026

Dr. D. A. Kumbhar
Head, Department of Chemistry



Prof. (Dr.) S. K. Khade
Principal



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Shri Swami Vivekanand Shikshan Sanstha's Kolhapur

**Dattajirao Kadam Arts, Science and
Commerce College, Ichalkaranji.**

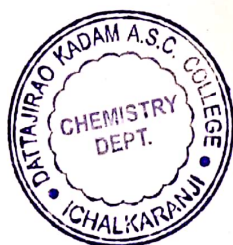
(Affiliated to Shivaji University, Kolhapur)

Certificate

This is to certify that **Miss. Powar Diksha Dipak**
has attended the certificate course in ***"Preparation of household
chemicals"*** from **Dec. 2025** to **April 2026** and completed the
course satisfactorily in **O⁺** grade.

Date: 30th April 2026

Dr. D. A. Kumbhar
Head, Department of Chemistry



Prof. (Dr.) S. K. Khade
Principal