

"Education for Knowledge, Science and Culture"

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR

(Autonomous)

Estd. June 1964

2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003

UGC Recognition Under 2 F & 12(B) UGC Act 1956

Affiliated to Shivaji University, Kolhapur (M.S.)

Ph.: 0231-2658612, 2658840, Resi.: 0231-2653962 Fax: 0231-2658840

Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org



Date: 26th Sept. 2022

Department of Chemistry

Certificate Course

Preparation of Household Chemicals & Perfumes

Notice

All the students (Arts, Commerce, Science and professional courses) are hereby informed that, Department of Chemistry is organizing three months certificate course in 'Preparation of Household Chemicals & Perfumes. The students who are interested can enrol name on or before **Saturday, 01st Oct. 2022** to the course in the department of chemistry. There are only 40 seats for this course, so admissions will be done on first come first basis.

Course Details:

Name of the Course: Preparation of Household Chemicals & Perfumes

Duration: 3 months, 47 Period (Theory-20, Practical-27)

(Weekly 2 theory lectures and 1 practical of 3 periods)

Course Fee: Rs. 500/-

Course Co-ordinator: Dr. S. S. Ankushrao (9096070345)

S. Shirke

Dr. Mrs. S. D. Shirke

Head

Dept. of Chemistry

Vivekanand College, Kolhapur

R. R. Kumbhar

Dr. R. R. Kumbhar

PRINCIPAL

Vivekanand College

Kolhapur



"Education for Knowledge, Science and Culture."
- Shikshanmaharshi Dr. Bapuji Salunkhe
Shri. Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003
UGC Recognition Under 2 F & 12(B) UGC Act 1956
Affiliated to Shivaji University, Kolhapur (M.S.)
Ph.: 0231-2658612,2658840,Resi.: 0231-2653962 Fax:0231-2658840
Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org

Career Oriented Course (COC)

- **Name of Course: Preparation of Household Chemicals & Perfumes**
- **Objectives**
 - ✓ To motivate the youth for self-employment
 - ✓ To develop the students attitude to be an entrepreneur.
 - ✓ To develop practical skills.
 - ✓ To develop confidence for doing job or business.
 - ✓ To develop skills of market Analysis.
 - ✓ To develop knowledge of domestic chemicals & fragrances.
- **Course Duration:** 47 Period (each period 50 min)
- **Intake capacity :** 40 students per batch
- **Course fee: 500 rupees**
- **Medium:** English
- **Exam Pattern:** Total Marks: 100
 - Theory :** 30 Marks
 - Practical :** 40 Marks
 - Project :** 30 Marks
- **Question paper nature (Theory): 30 Marks (Time: 1.5 hrs)**
 - Q.1.** Multiple choice (06 Marks)
 - Q.2.** Long answer, 2 out of 3 (12 Marks)
 - Q.3.** Short answer, 3 out of 4 (12 Marks)
- **Practical exam nature: (Time: 4 hrs)**
 - Experiment 1 : 15 Marks
 - Experiment 2 : 15 Marks
 - Oral : 05 Marks
 - Journal : 05 Marks
- **Project Work (30 Marks):** Students should have to make business proposal regarding establishment of small unit of any one household chemical/Industrial Visit report

Preparation of Household Chemicals & Perfumes

(Theory: 30 Marks, 20 period)

UNIT-1: Introduction to Household chemicals (03)

General introduction, Scenario of household Chemicals- Soap, Detergent, cleansing agents, Sanitizer, etc.; Theory of household chemicals, Raw materials required for household products, Role of household products in day-to-day life, Importance of quality control of household products,

UNIT-2: Soaps and detergents (06)

Introduction of Soaps, Raw materials, Types of soaps, Different process of Manufacturing of soaps, Cleaning action of soaps.

Introduction of Detergents, Raw materials, Types of detergents, Comparison between soaps and detergents.

UNIT-3: Cleansing Agents (03)

(Floor Cleaner-Phenyl, Glass Cleaner)

General introduction: Meaning, Reasons for cleaning floors, types of cleansing agents- floor cleaner, bathroom cleaner, kitchen cleaner, toilet cleaner, Raw materials required for preparation of cleansing agents.

Floor Cleaner-Phenyl: types of phenyls, phenyl ingredients, phenyl formulation, Advantages and disadvantages.

UNIT-4: Perfumes, Deodorants & Sanitizers (04)

Perfumes: General introduction, Raw materials in Perfumery, Types of perfumes, preparation of perfumes, Naphthalene Balls

Sanitizers: Need of sanitizers, Composition of sanitizers, Raw materials, WHO-recommended Hand rub Formulations of Sanitizer, Storage of sanitizers, safety & drawbacks of sanitizer.

UNIT-5: Business planning (04)

Introduction to various components of business planning such as Executive Summary, Business/Industry/Research Overview, Market Analysis and the

Competition, Sales and Marketing Plan, Ownership and Management Plan, Operating Plan, Financial Plan.

Preparation of Household Chemicals & Perfumes

(Practical: 40 Marks, 27 period)

Any Nine

- ✓ 1) Formulation of Floor Cleaner-Phenyl
- ✓ 2) Preparation of Soap by cold process
- ✓ 3) Formulation of Washing Powder (Detergents)
- ✓ 4) Preparation of Liquid Soap (Hand wash)
- 5) Formulation of Neel (Optical Brightener)
- 6) Formulation of Perfumes
- ✓ 7) Formulation of Hand Sanitizer
- 8) Formulation of Toilet Cleaner
- ✓ 9) Determination of amount acid in Toilet cleaner.
- ✓ 10) Preparation of natural soaps
- ✓ 11) Determination of lathering (foaming) capacity of soap.
- 12) Preparation of Naphthalene balls
- 13) Any other practical related to household chemicals may add.

References:

1. *Industrial Chemistry- B. K. Sharma*
2. *WHO guidelines brochure for preparation sanitizers*

"Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri. Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003

UGC Recognition Under 2 F & 12(B) UGC Act 1956

Affiliated to Shivaji University, Kolhapur (M.S.)

Ph.: 0231-2658612, 2658840, Resi.: 0231-2653962 Fax: 0231-2658840

Website: www.vivekanandcollege.org E-mail: info@vivekanandcollege.org**Department of Chemistry**
Career Oriented Course (COC)
Preparation of Household Chemicals & Perfumes

Sr. No.	Name of Student	Class	Fee paid	Student Sign
1	Anuradha Arjun Zirange	B.Sc. III	500	AA Zirange
2	Madhavi Dhondiram Shingare	B.Sc. III	500	M Shingare
3	Neha Keshavnath Lambe	B.Sc. III	500	N Lamba
4	Omkar Sanjay Sutar	B.Sc. III	500	O Sutar
5	Shankar Gajanan Jadhav	B.Sc. III	500	S Jadhav
6	Disha Santosh Notani	B.Sc. II	500	D Notani
7	Sakshi Anil Kathare	B.Sc. II	500	S Kathare
8	Aarya Dhananjay Kulkarni	B.Sc. II	500	A Kulkarni
9	Pratiksha Baban Jagatap	B.Sc. II	500	P Jagatap
10	Saloni Suhas Patil	B.Sc. II	500	S Patil
11	Audhwt Mohan Patil	B.Sc. III	500	A Patil
12	Hanaya Prabhulla Kurade	B.Sc. II	500	H Kurade
13	Shreyash. Rajendra. Dhote	B.Sc. III	500	S Dhote
14	Ganesh Dipak Bhise	B.Sc. III	500	G Bhise
15	Akanksha A. Sardesai	B.Sc. IV	500	A Sardesai

Dr. S. S. Ankushrao

Dr. S. D. Shirke
Head

Dr. R. R. Kumbhar

Dept. of Chemistry
Vivekanand College, Kolhapur

"Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri. Swami Vivekanand Shikshan Sanstha's

**VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**

2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003

UGC Recognition Under 2 F & 12(B) UGC Act 1956

Affiliated to Shivaji University, Kolhapur (M.S.)

Ph.: 0231-2658612, 2658840, Resi.: 0231-2653962 Fax: 0231-2658840

Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org

**Department of Chemistry
Career Oriented Course (COC)
Preparation of Household Chemicals & Perfumes**

Sr. No.	Name of Student	Class	Fee paid	Student Sign
16.	Sakshi Sandeep Mirajkar	BSc III	500	<i>SS Mirajkar</i>
17.	Shreya Sunil Wadkar	BSc III	500	<i>Shreya</i>
18.	Vaishnavi Umesh Savardekar	BSc. III	500	<i>Vaishnavi</i>
19.	Gayatri Raghunath Kulkarni	BSc III	500	<i>GKulkarni</i>
20.	Poojima Yuvraj Patil	BSc III	500	<i>Patil</i>
21	Medhee Prasanna Shah	BSc III	500	<i>MS Shah</i>
22	Sourabh Dattatray Nalawade	BSc - III	500	<i>Sourabh</i>
23.	Shweta Tanaji Patil	BSc III	500	<i>Patil</i>
24.	Rutuja Anandraso Patil	BSc III	500	<i>Patil</i>
25.	Nikita Bharat Chougale	BSc III	500	<i>Nikita</i>
26.	Divya Suresh Patil	BSc III	500	<i>Divya</i>
27.	Mai Hili Vikrant Suwe	BSc III	500	<i>M Suwe</i>
28.	Ekata Hemant Kamble	BSc III	500	<i>Ekata</i>
29.	Aaditya Navalkishor Sharma	BSc III	500	<i>A Sharma</i>
30.	Preksha Jitendra Wagharekar	BSc. III	500	<i>Preksha</i>

Dr. S. S. Ankushrao

Dr. S. D. Shirke

Dr. R. R. Kumbhar

Head
Dept. of Chemistry
Vivekanand College Kolhapur

"Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri. Swami Vivekanand Shikshan Sanstha's

**VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**

2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003

UGC Recognition Under 2 F & 12(B) UGC Act 1956

Affiliated to Shivaji University, Kolhapur (M.S.)

Ph.: 0231-2658612, 2658840, Resi.: 0231-2653962 Fax: 0231-2658840

Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org**Department of Chemistry
Career Oriented Course (COC)
Preparation of Household Chemicals & Perfumes**

Sr. No.	Name of Student	Class	Fee paid	Student Sign
31.	Pratiksha Rajgonda Koli	B.Sc III	500	<u>PPrkoi</u>
32	Snehal NaEasu Koli	BSC III	500	<u>Snehal</u>
33	Tahesin Altaf Mulla	BSc III	500	<u>Mulla</u>
34	Aniket Babasaheb Kadam	BSc III	500	<u>Akadam</u>
35	Anchal Nandkumar Awalkar	BSC III	500	<u>Awalkar</u>
36	Radhika Bopu Siddhanark	BSc III	500	<u>RBS</u>
37	Sharvani Maniksen Palkar	BSC III	500	<u>Palkar</u>
38	Namrata Dharmagonda Patil	BSC III	500	<u>Patil</u>
39	Pratiksha Tanaji Korane	BSC II	500	<u>Korane</u>
40	Utkarsha Gayendra Mane	BSC III	500	<u>Mane</u>
41.	Anjali Rajendra Patil	BSC III	500	<u>Patil</u>
42.	Ankita Ashwinkumar Vamute	BSC III	500	<u>Vamute</u>
43	Aditya Dattatray Kamble	BSC-III	500	<u>Kamble</u>
44	Gayatri Bhauroo Patil	BSC II	500	<u>Patil</u>
45	Sejal Shatad Bugate	BSC II	500	<u>Bugate</u>

Dr. S. S. Ankushrao

Dr. S. D. Shirke
Head

Dr. R. R. Kumbhar

Dept. of Chemistry
Vivekanand College, Kolhapur

"Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri. Swami Vivekanand Shikshan Sanstha's

**VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**

2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003

UGC Recognition Under 2 F & 12(B) UGC Act 1956

Affiliated to Shivaji University, Kolhapur (M.S.)

Ph.: 0231-2658612, 2658840, Resi.: 0231-2653962 Fax: 0231-2658840

Website: www.vivekanandcollege.org E-mail: info@vivekanandcollege.org



**Department of Chemistry
Career Oriented Course (COC)
Preparation of Household Chemicals & Perfumes**

Sr. No.	Name of Student	Class	Fee paid	Student Sign
46	Mrunalishahaji Komble	Entire B.Sc Biotech	500	M Komble
47	Lovely Jitendra Sav	BSC chem	500	Lovely
48	Peiyanka Mazuti Patil.	BSC. chem	500	Peiyanka
49	Shivangi Shivprasad Yadav	Bsc-chem	500	Shivangi
50	Shivani Namdev Tashildar	Bsc-chem	500	Shivani
51	Kumbhar Dhanashree Pattatey	BSC-chem	500	Kumbhar
52	Poorniyavanti. m. Komble	BSC-chem	500	Poorniyavanti
53	Aditi Mohan Patil	BSC-chem	500	Aditi
54	Payal Sampak Jambhale	B.Sc-chem	500/-	Payal
55	Pratik sanjay karale	BSC-chem	500/-	Pratik
56	Pranav Anil Ambhi	BSC-chem	500/-	Pranav
57	Swarupa Sanjay Bhiungade	B.sc-chem.	500/-	Swarupa
58	Shraddha V. Dhavale	BSC-Biot-ech	500/-	Shraddha
59	Snehal Ramchandra Patil.	BSc. Biotek	500/-	Snehal
60	Dipali Karbhari Suryawanshi	BSC-Biotek	500/-	Dipali

Admission
Cancelled
Cancelled
Cancelled

Dr. S. S. Ankushrao


Dr. S. D. Shirke
Head

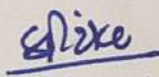
Dr. R. R. Kumbhar

Dept. of Chemistry
Vivekanand College Kolhapur

Department of Chemistry
Career Oriented Course (COC)
Preparation of Household Chemicals & Perfumes

Sr. No.	Name of Student	Class	Fee paid	Student Sign
61	Kadam Sayali Ramchandasa	B.Sc III	500	Freedom <i>(Cancelled)</i>
62	Rathod Yukta Ratho Narsinh	BSc III	500	Rathod <i>(Cancelled)</i>
63	Vaishnavi Nanasa Jadhav	BSc III	500	VJadhav
64	Snehal Rajaram Pirai	BSc III	500	snehal.
65	Rutuja Raghunath Kamble	BSc III	500	RRKamble.
66	Rasika Deepak Magdum.	BSc III	500	R.D. Magdum
67	Shraddha Naresch chandwani	B.Sc-IV	500	Shraddha <i>(Cancelled)</i>


Dr. S. S. Ankushrao


Dr. S. D. Shirke
Head
Dept. of Chemistry
Vivekanand College, Kolhapur

Dr. R. R. Kumbhar

		18/3/23	21/3/23	27/3/23	27/3/20	28/03/2023	28/03/2023	03/04/23	03/04/23
53	PHC202253	SAV LOVELY JITENDRA	Lovely	Lovely					
54	PHC202254	SAVARDEKAR VAISHNAVI UMESH	Vaishnavi	Vaishnavi					
55	PHC202255	SHAH MEDINEE PRASANNA	MShah	MShah	MShah	MShah	MShah		
56	PHC202256	SHARMA AADITYA NAVALKISHOR				MShah	MShah		
57	PHC202257	SHINGARE MADHAVI DHONDIRAM	MShingare						
58	PHC202258	SIDDHANAİK RADHIKA BAPU							
59	PHC202259	SURVE MAITHILI VIKRANT	Msurve	Msurve	Msurve	Msurve	Msurve		
60	PHC202260	SURYAWANSHI DIPALI KARBHARI							
61	PHC202261	SUTAR OMKAR SANJAY	Sutar	Sutar	Sutar	Sutar	Sutar		
62	PHC202262	TASHILDAR SHIVANI NAMDEV	SN.Tashildar	SN.Tashildar	SN.Tashildar	SN.Tashildar	SN.Tashildar	SN.Tashildar	SN.Tashildar
63	PHC202263	VARUTE ANKITA ASHWAINKUMAR	Wante	Wante	Wante	Wante	Wante	Wante	Wante
64	PHC202264	WADKAR SHREYA SUNIL							
65	PHC202265	WAGAVEKAR PRERANA JITENDRA							
66	PHC202266	YADAV SHIVANGI SHIVPRASAD	Shivayada	Shivayada	Shivayada	Shivayada	Shivayada	Shivayada	Shivayada
67	PHC202267	ZIRANGE ANURADHA ARJUN	AAirange	AAirange	AAirange	AAirange	AAirange	AAirange	AAirange

Name of the Teacher & Sign :

Dr. S. S. Ankushrao
Co-ordinator

Dr. S. D. Shirke

Head
Dept. of Chemistry
Vivekanand College Kolhapur

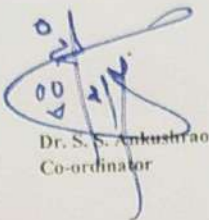
VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)
DEPARTMENT OF CHEMISTRY
CAREER ORIENTED COURSE (COC) - PREPARATION OF HOUSEHOLD CHEMICAL & PERFUMES

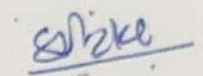
Practical Attendance

SR.NO.	Roll No.	NAME OF STUDENTS	5/04/2023	05/04/2023					
		Name of the Practical	foamability foam stability	Phenyl Floor cleaner					
		Name of the Teacher	Dr. S. S. M. C. Waghmare	Dr. S. S. M. C. Waghmare					
1	PHC202201	AMBI PRANAR ANIL	Pranar	Pranar					
2	PHC202202	AWALKAR ANCHAL NANDKUMAR	Anwalkar	Anwalkar					
3	PHC202203	BHISE GANESH DIPAK	Bhise	Bhise					
4	PHC202204	BHIUNGADE SWARUPA SANJAY							
5	PHC202205	BUGATE SEJAL SHARAD							
6	PHC202206	CHANDWANI SHRADDHA NARESH							
7	PHC202207	CHOUGULE NIKITA BHARAT	Chougale	Chougale					
8	PHC202208	DATTATRAY KUMBHAR DHANASHRI	D. D. Kumbhar	D. D. Kumbhar					
9	PHC202209	DHAVAL SHRADDHA V							
10	PHC202210	DHOTRE SHREYASH RAJENDRA	Shankar	Shankar					
11	PHC202211	JADHAV SHANKAR GAJANAN	Shankar	Shankar					
12	PHC202212	JADHAV VAISHNAVI NANASO							
13	PHC202213	JAGATAP PRATIKSHA BABAN	Yamy	Yamy					
14	PHC202214	JAMBHALE PAYAL SAMPAK							
15	PHC202215	KADAM ANIKET BALASAHEB	Bhadam	Bhadam					
16	PHC202216	KAMBLE PRADNYAVANT M							
17	PHC202217	KAMBLE RUTUJA RAGHUNATH							
18	PHC202218	KAMBLE ADITYA DATTATRAY							
19	PHC202219	KAMBLE EKATA HEMANT							
20	PHC202220	KAMBLE MRUNALI SHAHAJI							
21	PHC202221	KARALE PRATIK SANJAY	Pratik	Pratik					
22	PHC202222	KATARE SAKSHI ANIL	Katara	Katara					
23	PHC202223	KOLI PRATIKSHA RAJGONDA	Pratik	Pratik					

24	PHC202224	KOLI SNEHAL NARASU	Snehal	Snehal				
25	PHC202225	KORANE PRATIKSHA TANAJI						
26	PHC202226	KULKARNI AARYA DHANANJAY	Aarya	Aarya				
27	PHC202227	KULKARNI GAYATRI RAGHUNATH	Kulkarni	Kulkarni				
28	PHC202228	KURADE TANAYA PRAFULLA	Kurade	Kurade				
29	PHC202229	LAMBE NEHA KRISHNAT						
30	PHC202230	MAGDUM RASIKA DEEPAK						
31	PHC202231	MANE UTKARSHA GAJENDRA	Mane	Mane				
32	PHC202232	MIRAJKAR SAKSHI SANDEEP	Mirajkar	Mirajkar				
33	PHC202233	MULLA TAHESIN ALITAF						
34	PHC202234	NALWADE SOURABH DATTATRAY						
35	PHC202235	NARSINH RATHOD YUKTA						
36	PHC202236	NOTANI DISHA SANTOSH	Notani	Notani				
37	PHC202237	PALKAR SHARVARI MANIKSEN						
38	PHC202238	PATIL ADITI MOHAN	Patil	Patil				
39	PHC202239	PATIL ANJALI RAJENDRA	Patil	Patil				
40	PHC202240	PATIL AVDHUT MOHAN						
41	PHC202241	PATIL GAYATRI BHAURAO	Patil	Patil				
42	PHC202242	PATIL PRIYANKA MARUTI						
43	PHC202243	PATIL SALONI SUHAS	Patil	Patil				
44	PHC202244	PATIL SNEHAL RAMCHANDRA						
45	PHC202245	PATIL DIVYA SURESH PATIL						
46	PHC202246	PATIL NAMRATA DHARAMGONA	Namr	Namr				
47	PHC202247	PATIL PORNIMA YUVRAJ	Patil	Patil				
48	PHC202248	PATIL RUTUJA ANANDRAO	Patil	Patil				
49	PHC202249	PATIL SHWETA TANAJI	Patil	Patil				
50	PHC202250	PIRAI SNEHAL RAJARAM						
51	PHC202251	RAMCHANDRA KADAM SAYALI						
52	PHC202252	SARDESAI AKANKSHA A	Sardesai	Sardesai				

53	PHC202253	SAV LOVELY JITENDRA						
54	PHC202254	SAVARDIKAR VAISHNAVI LIMESH						
55	PHC202255	SHAH MEDINEE PRASANNA	<u>MBSribe</u>	<u>MBSribe</u>				
56	PHC202256	SHARMA AADITYA NAVALKISHOR						
57	PHC202257	SHINGARE MADHAVI DHONDIRAM						
58	PHC202258	SIDDHANAIK RADHIKA BAPU	<u>RRSchie</u>	<u>RRSchie</u>				
59	PHC202259	SURVE MATTHILI VIKRANT						
60	PHC202260	SURYAWANSHI DIPALI KARBHARI						
61	PHC202261	SUTAR OMKAR SANJAY	<u>Sutae</u>	<u>Sutae</u>				
62	PHC202262	TASHILDAR SHIVANI NAMDEV	<u>SNTashide</u>	<u>SNTashide</u>				
63	PHC202263	VARUTE ANKITA ASHWAINKUMAR	<u>Varute</u>	<u>Varute</u>				
64	PHC202264	WADKAR SHREYA SUNIL	<u>Wadkar</u>	<u>Wadkar</u>				
65	PHC202265	WAGAVEKAR PRERANA JITENDRA						
66	PHC202266	YADAV SHIVANGI SHIVPRASAD	<u>Shivadav</u>	<u>Shivadav</u>				
67	PHC202267	ZIRANGE ANURADHA ARJUN	<u>AAirange</u>	<u>AAirange</u>				


 Dr. S. S. Ankushrao
 Co-ordinator


 Dr. S. D. Shirke
Head
 Dept. of Chemistry
 Vivekanand College, Kolhapur

Name of the Teacher & Sign :

Name of Unit: Detergents.

VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)
DEPARTMENT OF CHEMISTRY
CAREER ORIENTED COURSE (COC)
PREPARATION OF HOUSEHOLD CHEMICAL & PERFUMES

SR.NO.	Roll No.	NAME OF STUDENTS	19/11/22	26/11/22	19/03/23	17/03/23
1	PHC202201	AMBI PRANAR ANIL	Pranar		Pranar	Pranar
2	PHC202202	AWALKAR ANCHAL NANDKUMAR	Awalkar			
3	PHC202203	BHISE GANESH DIPAK	Ghise			
4	PHC202204	BHUNGDE SWARUPA SANJAY	S	S	S	S
5	PHC202205	BUGATE SEJAL SHARAD	Bugate	Bugate		
6	PHC202206	CHANDWANI SHRADDHA NARESH				
7	PHC202207	CHOUGULE NIKITA BIHARAT	Chougale	Chougale		
8	PHC202208	DATTATRAY KUMBHAR DHANASHRI	D.D. Kumbhar	D.D. Kumbhar		
9	PHC202209	DHAVAL SHRADDHA V			Dharale	Dharale
10	PHC202210	DHOTRE SHREYASH RAJENDRA	Dhotre			
11	PHC202211	JADHAV SHANKAR GAJANAN	Jadhav	Jadhav		
12	PHC202212	JADHAV VAISHNAVI NANASO			JVN	JVN
13	PHC202213	JAGATAP PRATIKSHA BABAN	Jagtap	Jagtap		
14	PHC202214	JAMBHALE PAYAL SAMPAT	Jayal	Jayal		
15	PHC202215	KADAM ANIKET BALASAHEB	Kadam			
16	PHC202216	KAMBLE PRADNYAVANT M	Kamble	Kamble		
17	PHC202217	KAMBLE RUTUJA RAGHUNATH			Kambe	Kambe
18	PHC202218	KAMBLE ADITYA DATTATRAY	Kamble	Kamble		
19	PHC202219	KAMBLE EKATA HEMANT	Kamble			
20	PHC202220	KAMBLE MRUNALI SHAHAJI	Kamble		Kamble	Kamble
21	PHC202221	KARALE PRATIK SANJAY	Karale			
22	PHC202222	KHATARE SAKSHI ANIL	Khatare		Khatare	Khatare
23	PHC202223	KOLI PRATIKSHA RAJGONDA	Kolli	Kolli		
24	PHC202224	KOLI SNEHAL NARASU	Kolli			
25	PHC202225	KORANE PRATIKSHA TANAJI	Korane			
26	PHC202226	KULKARNI AARYA DHANANJAY	Kulkarni	Kulkarni	Aarya	Aarya
27	PHC202227	KULKARNI GAYATRI RAGHUNATH	Kulkarni			
28	PHC202228	KURADE TANAYA PRAFULLA	Kurade	Kurade		
29	PHC202229	LAMBE NEHA KRISHNAT			Lambe	Lambe
30	PHC202230	MAGDUM RASIKA DEEPAK				
31	PHC202231	MANE UTKARSHA GAJENDRA	Mane		Mane	Mane
32	PHC202232	MIRAJKAR SAKSHI SANDEEP				
33	PHC202233	MULLA TAHESIN ALITAF				
34	PHC202234	NALWADE SOURABH DATTATRAY	Nalwade			
35	PHC202235	NARSINH RATHOD YUKTA			Rathod	Rathod
36	PHC202236	NOTANI DISHA SANTOSH	Notani			
37	PHC202237	PALKAR SHARVARI MANIKSEN	Palkar	Palkar		
38	PHC202238	PATIL ADITI MOHAN	Patil		Patil	Patil
39	PHC202239	PATIL ANJALI RAJENDRA	Patil	Patil		
40	PHC202240	PATIL AVDHUT MOHAN	Patil			

41	PHC202241	PATIL GAYATRI BHAURAO	Patil	Patil				
42	PHC202242	PATIL PRIYANKA MARUTI						
43	PHC202243	PATIL SALONI SUHAS	Patil	Patil				
44	PHC202244	PATIL SNEHAL RAMCHANDRA		S Patil	S Patil			
45	PHC202245	PATIL DIVYA SURESH PATIL	Divya		Divya	Divya		
46	PHC202246	PATIL NAMRATA DHARAMGONA	Namr		Namr	Namr		
47	PHC202247	PATIL PORNIMA YUVRAJ		Patil				
48	PHC202248	PATIL RUTUJA ANANDRAO	Patil	Patil				
49	PHC202249	PATIL SHWETA TANAJI	Patil	Patil				
50	PHC202250	PIRAI SNEHAL RAJARAM			Pirai	Pirai		
51	PHC202251	RAMCHANDRA KADAM SAYALI			RAM	RAM		
52	PHC202252	SARDESAI AKANKSHA A			SARDE	SARDE		
53	PHC202253	SAV LOVELY JITENDRA	Lovely		Lovely	Lovely		
54	PHC202254	SAVARDEKAR VAISHNAVI UMESH	Savar					
55	PHC202255	SHAH MEDINEE PRASANNA	Shah					
56	PHC202256	SHARMA AADITYA NAVALKISHOR	Sharma					
57	PHC202257	SHINGARE MADHAVI DHONDIRAM		Shing	Shing			
58	PHC202258	SIDDHANAİK RADHIKA BAPU	Siddh	Siddh				
59	PHC202259	SURVE MAITHILI VIKRANT	Surve					
60	PHC202260	SURYAWANSHI DIPALI KARBHARI			Surya	Surya		
61	PHC202261	SUTAR OMKAR SANJAY	Sutar	Sutar				
62	PHC202262	TASHILDAR SHIVANI NAMDEV	Tashild					
63	PHC202263	VARUTE ANKITA ASHWAINKUMAR	Varute	Varute		Varute	Varute	
64	PHC202264	WADKAR SHREYA SUNIL			Wadkar	Wadkar		
65	PHC202265	WAGAVEKAR PRERANA JITENDRA			Wagave	Wagave		
66	PHC202266	YADAV SHIVANGI SHIVPRASAD	Yadav	Yadav				
67	PHC202267	ZIRANGE ANURADHA ARJUN						

Dr. D. S. Gaikwad

Dr. D. S. Gaikwad

Name of the Teacher & Sign :

Dr. S. S. Anushrao

Dr. S. S. Anushrao
Co-ordinator

Dr. S. D. Shirke

Dr. S. D. Shirke

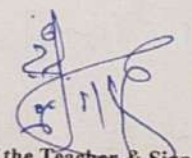
Unit-1:
Introductu to Household chemicals


VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)
DEPARTMENT OF CHEMISTRY
CAREER ORIENTED COURSE (COC)
PREPARATION OF HOUSEHOLD CHEMICAL & PERFUMES

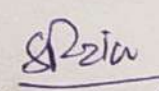
SR.NO.	Roll No.	NAME OF STUDENTS	21/10/22	11/11/22	21/11/22	1/12/22	10/3/23
✓1	PHC202201	AMBI PRANAN ANIL	Pranar	Pranar	Pranar	Pranar	
✓2	PHC202202	AWALKAR ANCHAL NANDKUMAR	AB	Awalkar	Awalkar	Awalkar	Awalkar
✓3	PHC202203	BHISE GANESH DIPAK	G.Bhise	G.Bhise	G.Bhise	G.Bhise	G.Bhise
✓4	PHC202204	BHIUNGADE SWARUPA SANJAY	Swarupa				
✓5	PHC202205	BUGATE SEJAL SHARAD	AB	Bugate	Bugate	Bugate	Bugate
✓6	PHC202206	CHANDWANI SHRADDHA NARESH	AB				
✓7	PHC202207	CHOUUGLE NIKITA BHARAT	AB	Chougale	Chougale	Chougale	Chougale
✓8	PHC202208	DATTATRAY KUMBHAR DHANASHRI	D.D.Kumbhar	D.D.Kumbhar	D.D.Kumbhar	D.D.Kumbhar	D.D.Kumbhar
✓9	PHC202209	DHAVALE SHRADDHA V	AB				
✓10	PHC202210	DHOTRE SHREYASH RAJENDRA	Rhotre	Rhotre		Rhotre	Rhotre
✓11	PHC202211	JADHAV SHANKAR GAJANAN	Bahar	Bahar		Bahar	
✓12	PHC202212	JADHAV VAISHNAVI NANASO	Wadhar	Wadhar	Wadhar	Wadhar	
✓13	PHC202213	JAGATAP PRATIKSHA BABAN	AB	Yam	Yam	Yam	Yam
✓14	PHC202214	JAMBHALE PAYAL SAMPAK	Payal			Payal	
✓15	PHC202215	KADAM ANIKET BALASAHEB	AB	Akadam	Akadam	Akadam	Akadam
✓16	PHC202216	KAMBLE PRADNYAVANT M	AB	Kambar	Kambar	P.K	
✓17	PHC202217	KAMBLE RUTUJA RAGHUNATH	AB	RKamble	RKamble	RKamble	
✓18	PHC202218	KAMBLE ADITYA DATTATRAY	Kamble	Kamble	Kamble	Kamble	Kamble
✓19	PHC202219	KAMBLE EKATA HEMANT	Kamble	Kamble	Kamble	Kamble	Kamble
✓20	PHC202220	KAMBLE MRUNALI SHAHAJI	AB	Kamble	Kamble		Kamble
✓21	PHC202221	KARALE PRATIK SANJAY	Prati	Prati	Prati	Prati	Prati
✓22	PHC202222	KHATARE SAKSHI ANIL	AB	Kathare	Kathare	Kathare	Kathare
✓23	PHC202223	KOLI PRATISKHA RAJGONDA	Prkoi	Prkoi	Prkoi	Prkoi	Prkoi
✓24	PHC202224	KOLI SNEHAL NARASU	Snehak	Snehak	Snehak	Snehak	
✓25	PHC202225	KORANE PRATIKSHA TANAJI	Roran	Roran	Roran	Roran	Roran
✓26	PHC202226	KULKARNI AARYA DHANANJAY	AB	Jay	Jay	Jay	Jay
✓27	PHC202227	KULKARNI GAYATRI RAGHUNATH	Ykulkarni	Ykulkarni	Ykulkarni	Ykulkarni	Ykulkarni
✓28	PHC202228	KURADE TANAYA PRAFULLA	AB	Jurade	Jurade	Jurade	Jurade
✓29	PHC202229	LAMBE NEHA KRISHNAT	AB	Lambe		Lambe	
✓30	PHC202230	MAGDUM RASIKA DEEPAK	AB	R.D.Magdur	R.D.Magdur	R.D.Magdur	
✓31	PHC202231	MANE UTKARSHA GAJENDRA	AB	Mane			Mane
✓32	PHC202232	MIRAJKAR SAKSHI SANDEEP	S.S.mirajkar	S.S.mirajkar	S.S.mirajkar		
✓33	PHC202233	MULLA TAHESIN ALITAF	Mulla				
✓34	PHC202234	NALWADE SOURABH DATTATRAY	S.Nalwade	S.Nalwade	S.Nalwade	S.Nalwade	S.Nalwade
✓35	PHC202235	NARSINH RATHOD YUKTA	AB				
✓36	PHC202236	NOTANI DISHA SANTOSH	AB	Notani	Notani	Notani	Notani
✓37	PHC202237	PALKAR SHARVARI MANIKSEN	AB	Palkar	Palkar		
✓38	PHC202238	PATIL ADITI MOHAN	Patil	Patil	Patil	Patil	Patil
✓39	PHC202239	PATIL ANJALI RAJENDRA	AB	Patil	Patil	Patil	Patil
✓40	PHC202240	PATIL AVDHUT MOHAN	Patil	Patil	Patil	Patil	Patil

21/10/22 11/11/22 25/11/22 4/3/23 10/3/23

✓ 41	PHC202241	PATIL GAYATRI BHAURAO	AB	Patil	Patil	Patil	Patil
✓ 42	PHC202242	PATIL PRIYANKA MARUTI	Patil	Patil	Patil	Patil	Patil
✓ 43	PHC202243	PATIL SALONI SUHAS	AB	Patil	Patil	Patil	Patil
✓ 44	PHC202244	PATIL SNEHAL RAMCHANDRA	AB				
✓ 45	PHC202245	PATIL DIVYA SURESH PATIL	Divya	Divya	Divya	Divya	Divya
✓ 46	PHC202246	PATIL NAMRATA DHARAMGONA	AB	Natti	Natti	Natti	Natti
✓ 47	PHC202247	PATIL PORNIMA YUVRAJ	AB	Ppatil	Ppatil	Ppatil	Ppatil
✓ 48	PHC202248	PATIL RUTUJA ANANDRAO	AB	Pill	Pill	Pill	Pill
✓ 49	PHC202249	PATIL SHWETA TANAJI	AB	ptil	ptil	ptil	ptil
✓ 50	PHC202250	PIRAI SNEHAL RAJARAM	AB	snehal	snehal	snehal	
✓ 51	PHC202251	RAMCHANDRA KADAM SAYALI	AB				
✓ 52	PHC202252	SARDESAI AKANKSHA A	Akandesai	Akandesai	Akandesai	Akandesai	Akandesai
✓ 53	PHC202253	SAV LOVELY JITENDRA	Lovely	Lovely	Lovely	Lovely	Lovely
✓ 54	PHC202254	SAVARDEKAR VAISHNAVI UMESH	Umesh	Umesh	Umesh	Umesh	Umesh
✓ 55	PHC202255	SHAH MEDINEE PRASANNA	Mshah	Mshah	Mshah	Mshah	Mshah
✓ 56	PHC202256	SHARMA AADITYA NAVALKISHOR	Asharma	Asharma	Asharma	Asharma	Asharma
✓ 57	PHC202257	SHINGARE MADHAVI DHONDIRAM	Dshingare	Dshingare	Dshingare	Dshingare	Dshingare
✓ 58	PHC202258	SIDDHANAİK RADHIKA BAPU	AB	RBS	RBS	RBS	RBS
✓ 59	PHC202259	ŠURVE MAITHILI VIKRANT	Msurve	Msurve	Msurve	Msurve	Msurve
✓ 60	PHC202260	SURYAWANSHI DIPALI KARBHARI	AB				
✓ 61	PHC202261	SUTAR OMKAR SANJAY	Sutar	Sutar	Sutar	Sutar	Sutar
✓ 62	PHC202262	TASHILDAR SHIVANI NAMDEV	SN.Tashildar	SN.Tashildar	SN.Tashildar	SN.Tashildar	SN.Tashildar
✓ 63	PHC202263	VARUTE ANKITA ASHWAINKUMAR	AB	Wante	Wante	Wante	Wante
✓ 64	PHC202264	WADKAR SHREYA SUNIL	Shirke	Shirke	Shirke	Shirke	Shirke
✓ 65	PHC202265	WAGAVEKAR PRERANA JITENDRA	P.Wagavekar	P.Wagavekar	P.Wagavekar	P.Wagavekar	P.Wagavekar
✓ 66	PHC202266	YADAV SHIVANGI SHIVPRASAD	Shivayade	Shivayade	Shivayade	Shivayade	Shivayade
✓ 67	PHC202267	ZIRANGE ANURADHA ARJUN	A.Airange	A.Airange	A.Airange	A.Airange	A.Airange

Name of the Teacher & Sign :

 Dr. S. S. Ankushrao


 Dr. S. S. Ankushrao
 Co-ordinator


 Dr. S. D. Shirke

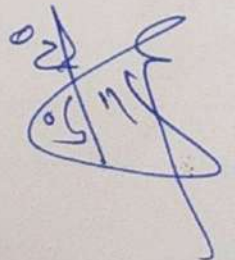
Roll No.

Sign

Soaps & Detergents.Soaps

PHC202218	Arshita	1)
PHC202224	Arshita	2)
PHC202261	Sudh	3)
PHC202211	Sasha ☺	4)
PHC202224	<u>Arshita</u>	5)
PHC202223	<u>Prachi</u>	6)
PHC202267	AA Irange	7)
PHC202257	Arshita	8)
PHC202248	<u>Pooja</u>	9)
PHC202249	<u>Pooja</u>	10)
PHC202239	<u>Arshita</u>	11)
PHC202208	<u>P. D. Kumbhar</u>	12)
PHC202262	<u>En. Tambidoe</u>	13)
PHC202247	<u>Prachi</u>	14)
PHC202207	<u>Prachi</u>	15)
PHC202236	<u>Pooja</u>	16)
PHC202222	<u>Rathore</u>	17)
PHC202266	<u>Srinivasan</u>	18)
PHC202242	<u>Arshita</u>	19)
PHC202253	<u>Lovely</u>	20)
PHC202204	<u>Arshita</u>	21)
PHC202219	<u>Arshita</u>	22)
PHC202245	<u>Divya</u>	23)
PHC202231	<u>Swarna</u> SN	24)
PHC202256	<u>Arshita</u>	25)
PHC202215	<u>Arshita</u>	26)
PHC202202	<u>Arshita</u>	27)
PHC202231	<u>Arshita</u>	28)
PHC202231	<u>Arshita</u>	29)

Arshita
10/02/23



COC - Soaps & Detergents

Soaps

24/02/2022

2-00 pm

<u>Roll No.</u>	<u>Sign</u>		
1) PHC 202261	SD	27] SKivam	Shivapada
2) PHC 202211	Sachar. ☺	27] PHC 202266	
3) PHC 202262	S. N. Tawildar	28] PHC 202253	Lovely
4) PHC 202208	D. D. Kumbhar	29] PHC 202202	Anuwalkar
5) PHC 202218	Ambli	30] PHC 202207	Bhargava
6) PHC 202210	Shirke	31] PHC 202256	A. Sharma
7) PHC 202212	V. Jadhav	32] PHC 202215	B. Kadam
8) PHC 202267	A. Kirange	33] PHC 202240	Patil
9] PHC 202223	P. K. Kauri	34] PHC 202214	Patil.
10] PHC 202241	Prati	35] PHC 202204	Patil
11] PHC 202226	Wasth		
12] PHC 202243	Patil.		
13] PHC 202213	G. D. D.		
14] PHC 202228	Kurade		
15) PHC 202231	B. K. K.		
16] PHC 202246	N. K. K.		
17] PHC 202248	Patil.		
18] PHC 202249	Patil.		
19] PHC 202219	Patil		
20] PHC 202239	Patil		
21] PHC 202263	Wante		
22] PHC 202255	M. B. B.		
23] PHC 202227	L. K. K.		
24] PHC 202222	Patil		
25] PHC 202236	Patil.		

S. D. Patil
24/02/22

Patil
24/02/22

COC

SOAPS

Spika
03-03-23

2:00 pm

~~Shivapada~~

~~Amrita~~

~~Geetha~~

~~S.S. Nirmala~~

~~Aaradesai~~

~~D.K. Kumbhkar~~

~~S. J. Tashir~~

~~Payal~~

~~Wadhwa~~

~~Wante~~

~~Arjun~~

~~Kuldeep~~

~~Bhingar~~

~~P. K. Keli~~

~~Arshok~~

~~A. A. Rangne~~

~~Ekambara~~

~~R. D. Magdum~~

~~Sonchal~~

~~Bhargava~~

~~Sachal~~

~~Pill~~

~~Patil~~

~~Kurade~~

~~Chatur~~

~~Arora~~

~~R. S. Saha~~

~~Amble~~

~~K. K. K. K.~~

- 1) PHC202266
- 2) PHC202242
- 3) PHC202231
- 4) PHC202282
- 5) PHC202252
- 6) PHC202208
- 7) PHC202262
- 8) PHC202214
- 9) PHC202212
- 10) PHC202263
- 11) PHC202289
- 12) PHC202233
- 13) PHC202257
- 14) PHC202223
- 15) PHC202224
- 16) PHC202267
- 17) PHC202217
- 18) PHC202230
- 19) PHC202250
- 20) PHC202207
- 21) PHC202202
- 22) PHC202248
- 23) PHC202249
- 24) PHC202228
- 25) PHC202241
- 26) PHC202226
- 27) PHC2022258
- 28) PHC2022218
- 29) PHC2022210

Spika
03-03-23

17/03/23

COC : Household Chemicals .

Soaps

2:00 pm .

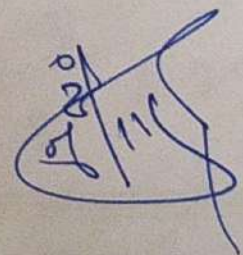
Roll No.

Sign

Shikha
17-03-23

- | | |
|---------------|-------------------|
| 1) PHC202253 | Lovely |
| 2) PHC202204 | A. |
| 3) PHC202247 | Patil |
| 4) PHC202202 | Arwalkar |
| 5) PHC202207 | Mangal |
| 6) PHC202220 | Moble |
| 7) PHC 202248 | nil |
| 8) PHC 202249 | nil |
| 9) PHC202239 | nil |
| 10) PHC202263 | Mamta |
| 11) PHC202231 | karsha |
| 12) PHC202225 | Rohan |
| 13) PHC202222 | Gathare |
| 14) PHC202236 | nil |
| 15) PHC202205 | Deyate |
| 16) PHC202243 | Patil |
| 17) PHC202213 | Patil |
| 18) PHC202228 | Fuzade |
| 19) PHC202226 | nil |
| 20) PHC202241 | Patil |

Shikha
17-03-23




COC : 24 March 2023

Soaps - Manufacture.

Spike
24/03/23

<u>Roll NO.</u>	<u>Sign</u>	<u>Roll no.</u>	<u>Sign</u>
1) PHC202234	Sharma	24) PHC202255	Mishra
2) PHC202215	<u>Bhadani</u>	25) PHC202227	<u>Prakash</u>
3) PHC202221	<u>Devi</u>	26) PHC202225	<u>Rohan</u>
4) PHC202226	<u>Aarya</u>	27) PHC202237	<u>Falgun</u>
5) PHC202228	<u>Kirande</u>	28) PHC202246	<u>Natali</u>
6) PHC202213	<u>Yamy</u>	29) PHC202208	<u>R.K. Kishore</u>
7) PHC202241	<u>Patil</u>		
8) PHC202243	<u>Patil</u>		
9) PHC202205	Patil		
10) PHC202252	<u>Arundesai</u>		
11) PHC202242	<u>Patil</u>		
12) PHC202253	<u>Lovely</u>		
13) PHC202231	<u>Barsha</u>		
14) PHC202258	<u>RBS Chauhan</u>		
15) PHC202220	<u>Prambho</u>		
16) PHC202202	<u>Zinhal</u>		
17) PHC202239	<u>AR Patil</u>		
18) PHC202263	<u>Manu</u>		
19) PHC202232	<u>SS Mirajkar</u>		
20) PHC202207	<u>Prongale</u>		
21) PHC202247	<u>Patil</u>		
22) PHC202248	<u>Patil</u>		
23) PHC202249	<u>Patil</u>		

Spike
24.03.23


"Education for Knowledge, Science and Culture."
- Shikshanmaharshi Dr. Bapuji Salunkhe
Shri. Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003
UGC Recognition Under 2 F & 12(B) UGC Act 1956
Affiliated to Shivaji University, Kolhapur (M.S.)
Ph.: 0231-2658612, 2658840, Resi.: 0231-2653962 Fax: 0231-2658840
Website : www.vivekanandcollege.org E-mail : info@vivekanandcollege.org



Career Oriented Course (COC)

Preparation of Household Chemicals & Perfumes

Date: 30th May 2023

Time: 11:30am to 01:00pm [Total Marks = 30]

Q.1 Select Correct alternative of the following and rewrite the sentence. [06]

- a) Competitive analysis helps you make your business _____
i) Selective ii) Best iii) Unique iv) All of these
- b) Detergent that gets degraded by the action of bacteria are known as _____.
i) Non-biodegradable ii) Bactericidal
iii) Biodegradable iv) Insecticidal
- c) Soaps are alkali metal salts of higher _____.
i) Esters ii) Alcohols
iii) Fatty Acids iv) Triglycerides
- d) Flavours and perfumes are _____.
i) Oils ii) Essential oils iii) Non-volatile oils iv) liquids
- e) _____ are relatively complex chemicals, which are included in many liquid detergents to sequester calcium ions.
i) Suspending agents ii) Chelating agents
iii) Bulking agents iv) Foaming agents
- f) _____ increases or stabilize the foam formed by detergent.
i) Suspending agents ii) Chelating agents
iii) Bulking agents iv) Foaming agents

Q.2 Solve any ONE question of the following. [12]

- a) Discuss the hot process for the manufacturing of Soap with suitable example.
- b) Write a short note on i) Phenyl ii) Surfactants

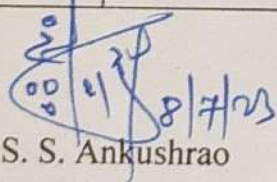
Q.3 Solve any TWO questions of the following. [12]

- a) Explain the 5M's
- b) Distinguish between Soap and Detergents
- c) Discuss notes in perfumes

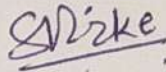
Vivekanand College, Kolhapur (Autonomous)
Department of Chemistry
Career Oriented Course (COC)
Name of Course: Preparation of Household Chemicals & Perfumes
Marklist (AY 2022-23)

Sr. No.	Roll No.	Name of Students	Grade	Remark
1	PHC202201	Ambi Pranav Anil	A	Pass
2	PHC202202	Awalkar Anchal Nandkumar	A+	Pass
3	PHC202203	Bhise Ganesh Dipak	A	Pass
4	PHC202204	Bhiungade Swarupa Sanjay	A	Pass
5	PHC202205	Bugate Sejal Sharad	B	Pass
6	PHC202207	Chougule Nikita Bharat	A	Pass
7	PHC202208	Kumbhar Dhanashri Dattatray	A+	Pass
8	PHC202210	Dhotre Shreyash Rajendra	AB	AB
9	PHC202211	Jadhav Shankar Gajanan	A	Pass
10	PHC202212	Jadhav Vaishnavi Nanaso	C	Pass
11	PHC202213	Jagatap Pratiksha Baban	C	Pass
12	PHC202214	Jambhale Payal Sampak	AB	AB
13	PHC202215	Kadam Aniket Balasaheb	A	Pass
14	PHC202216	Kamble Pradnyavant M	A	Pass
15	PHC202217	Kamble Rutuja Raghunath	A	Pass
16	PHC202218	Kamble Aditya Dattatray	A	Pass
17	PHC202219	Kamble Ekata Hemant	A	Pass
18	PHC202220	Kamble Mrunali Shahaji	C	Pass
19	PHC202221	Karale Pratik Sanjay	A	Pass
20	PHC202222	Khatare Sakshi Anil	B	Pass
21	PHC202223	Koli Pratiskha Rajgonda	A	Pass
22	PHC202224	Koli karbhari Narasu	AB	AB
23	PHC202225	Korane Pratiksha Tanaji	A	Pass
24	PHC202226	Kulkarni Arya Dhananjay	C	Pass
25	PHC202227	Kulkarni Gayatri Raghunath	B	Pass
26	PHC202228	Kurade Tanaya Prafulla	C	Pass
27	PHC202229	Lambe Neha Krishnat	C	Pass
28	PHC202230	Magdum Rasika Deepak	A	Pass
29	PHC202231	Mane Utkarsha Gajendra	A	Pass
30	PHC202232	Mirajkar Sakshi Sandeep	C	Pass
31	PHC202233	Mulla Tahesin Alitaf	C	Pass
32	PHC202234	Nalwade Sourabh Dattatray	A	Pass
33	PHC202236	Notani Disha Santosh	B	Pass

Sr. No.	Roll No.	Name of Students	Grade	Remark
34	PHC202237	Palkar Sharvari Maniksen	A	Pass
35	PHC202238	Patil Aditi Mohan	C	Pass
36	PHC202239	Patil Anjali Rajendra	A+	Pass
37	PHC202240	Patil Avdhut Mohan	A	Pass
38	PHC202241	Patil Gayatri Bhaurao	C	Pass
39	PHC202242	Patil Priyanka Maruti	A	Pass
40	PHC202243	Patil Saloni Suhas	B	Pass
41	PHC202245	Patil Divya Suresh	A+	Pass
42	PHC202246	Patil Namrata Dharamgona	O	Pass
43	PHC202247	Patil Pornima Yuvraj	A	Pass
44	PHC202248	Patil Rutuja Anandrao	O	Pass
45	PHC202249	Patil Shweta Tanaji	A+	Pass
46	PHC202250	Pirai Snehal Rajaram	A	Pass
47	PHC202252	Sardesai Akanksha A	C	Pass
48	PHC202253	Sav Lovely Jitendra	A	Pass
49	PHC202254	Savardekar Vaishnavi Umesh	A+	Pass
50	PHC202255	Shah Medinee Prasanna	A+	Pass
51	PHC202256	Sharma Aaditya Navalkishor	A+	Pass
52	PHC202257	Shingare Madhavi Dhondiram	A	Pass
53	PHC202258	Siddhanaik Radhika Bapu	A	Pass
54	PHC202259	Surve Maithili Vikrant	A+	Pass
55	PHC202261	Sutar Omkar Sanjay	A+	Pass
56	PHC202262	Tashildar Shivani Namdev	A+	Pass
57	PHC202263	Varute Ankita Ashwainkumar	A+	Pass
58	PHC202264	Wadkar Shreya Sunil	A	Pass
59	PHC202265	Wagavekar Prerana Jitendra	AB	AB
60	PHC202266	Yadav Shivangi Shivprasad	O	Pass
61	PHC202267	Zirange Anuradha Arjun	A	Pass

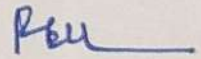

Dr. S. S. Ankushrao

CoC Coordinator



Dr. Mrs. S. D. Shirke

Head
Dept. of Chemistry
Vivekanand College Kolhanur



Dr. R. R. Kumbhar

PRINCIPAL
Vivekanand College
Kolhapur



" ज्ञान, विज्ञान आणि सुरसंस्कार यांसाठी शिक्षण प्रसार "
शिक्षणमहर्षी डॉ. बापूजी साळुंखे



Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



Certificate

This is to certify that Miss. Chougale Nikita Bharat has successfully completed Three month's Career Oriented Course in "Preparation of Household Chemicals and Perfumes" with "A" grade in the month July, 2023. The said Certificate has been issued to her at Department of Chemistry, Vivekanand College, Kolhapur.

Roll No: PHC202207

Date: 8th July 2023

Place: Kolhapur



Scan to Verify

Dr. S. S. Ankushrao

Coordinator

Dr. Mrs. S. D. Shirke

Head of Department



Dr. R. R. Kumbhar

Principal