

Rayat Shikshan Sanstha's
Arts, Science and Commerce College Ramanandnagar (Burli)
Tal: Palus, Dist.: Sangli -416 308

Short Term Course

On

Preparation of Household Chemicals

Academic Year: 2019-20

DEPARTMENT OF CHEMISTRY

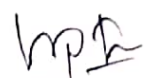
Rayat Shikshan Sanstha's
Art's Science and Commerce College Ramanandnagar (Burli)
 Department of Chemistry
 Preparation of Household Chemicals.
 List of Students 2019-20

Sr.no	Name of student	Sign
1	Arbune Pooja Mansing	Arbune
2	Avate Rohit Kumar	Rohit.
3	Buchade Chaitanya Dilip	CRAB
4	Deshmukh Rohit Ramesh	CRBB
5	Deshmukh Swapnil Jalindar	Deshmukh
6	Edake Rohit Ashok	Swaleh
7	Gulavani Purushottam Pandurang	RAEdake
8	Jadhav Akanksha Chandrakant	AJadhav
09	Jadhav Akash Santosh	Akash
10	Jadhav Aniket Shankar	Jadha A.
11	Jadhav Bhakti Jalindar	Bhakti
12	Jadhav Rohit Chandrakant	RJ
13	Jadhav Shraddha Sanjay	SS
14	Jadhav Shubham Sarang	Shubham
15	Jadhav Sourabh Sanjay	SSDadhav
16	Jadhav Sushil Mahadev	SSJadhav
17	Jadhav Vishwjeet Ashok	VJAS
18	Kadam Omkar Sharad	Oskadam
19	Kadam Rohit Shashikant	Rohit
20	Kumbhar Avinash Ashok	Akumbhar
21	Kumbhar Omkar Sanjay	OSK
22	Malgavakar Rohan Manoj	JRMN
23	Mali Pratiksha Sanjay	PMali
24	Mane Aishwarya Sambhaji	AM
25	Mane Niteen Sanjay	Niteen



26	Mane Sanskruti Tanaji	Mane
27	Mohite Rupali Santosh	Rupali
28	Mujawar Muskan Dastgir	Mujawar
29	Nalawade Shridhar Nivas	Shridhar
30	Patil Ashitosh Anil	Patil A
31	Patil Kishor Nivas	(Kishor)
32	Patil Prithviraj Sanjay	Prithviraj
33	Patil Rutuja Arvind	Rutuja
34	Patil Samarth Uttam	Samarth
35	Pawar Mayuri Ashok	Mayuri P
36	Pawar Priyaka Suresh	Pawar P
37	Pawar Saurabh Sanjay	Saurabh
38	Pawar Shubham Ashok	Shubham
39	Salunkhe Ankita Hanmant	Ankita
40	Salunkhe Rutuja Hanmant	Rutuja
41	Salunkhe Utpal Uddhav	Utpal
42	Suryawanshi Nikhil Namdev	Nikhil
43	Suryawanshi Priyanka Dilip	Priyanka
44	Suryawanshi Sampada Laxman	Sampada
45	Tambvekar Sayali Ramesh	Sayali
46	Waghmare Komal Raju	Komal W
47	Shikhare Pruthviraj Vijay	Pruthviraj
48	Kadam Chinmay Dipak	Chinmay
49	Suryawanshi Shubham Kumar	Shubham
50	Anuse Harshada Rajaram	(Anuse)
51	Bansode Rakesh Ashok	(Bansode)
52	Mohite Akash Appasaheb	Akash
53	Rankhambe Vishal Mahadev	Vishal




 Head
 Dept. of Chemistry
 A. S. C. College
 Ramanandnagar (Burli)



Rayat Shikshan Sanstha's

Value added course

Arts, Science and Commerce College, Ramanandnagar (Burli)

Tal-Palus Dist-Sangli

Department of Chemistry

PREPARATION OF HOUSEHOLD CHEMICALS

SHIVAJI UNIVERSITY KOLHAPUR

❖ PREPARATION OF HOUSEHOLD CHEMICALS

Syllabus

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

Unit I:- Domestic chemicals

- 1.1 Introduction of domestic chemicals
- 1.2 Sanitary acids
- 1.3 Phenyl
- 1.4 Liquid soaps; Lysol, dettol, savlon.
- 1.5 Acids -bases
- 1.6 General introduction
- 1.7 Theory
- 1.8 Types
- 1.9 Cleaning action of acids and Handling and precautions

Unit II:- Domestic chemicals

- 2.1 Mole concepts.
- 2.2 Concentration,
- 2.3 Units of concentration
- 2.4 Normality
- 2.5 Molarity
- 2.6 Molality
- 2.7 Mole Fraction
- 2.8 Percentage composition by volume
- 2.10 Percentage composition by weight.

Unit III: - Titration

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

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

Unit I: - Soaps and detergents

- **Soaps:-**
 - 1.1 Raw materials
 - 1.2 Types of soaps
 - 1.3 Manufacture of soaps, Hot Process
 - 1.4 Cleaning action of soaps
- **Detergents:-**
 - 1.5 Raw materials
 - 1.6 Types of detergents, Cationic, anionic, amphoteric and neutral.
 - 1.7 Preparation of teepol and deriphat.
 - 1.8 Comparison between soaps and detergents

Unit II: - Phenols

- 2.1 Physical properties,
- 2.2 Chemical properties
- 2.3 Uses

Unit III: - Phenyl

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

Paper- III :- Practicals [40 Marks]

- 1) Volumetric titration (2)
- 2) Conduct metric titration(2)
- 3) PH- metry (2)
- 4) Preparation of standard solutions(2)
- 5) Preparation of chromic acids
- 6) Preparation of candles
- 7) Preparation of phenyls
- 8) Preparation of dyes
- 9) Determination of sap value of oil.
- 10) Market survey of house hold chemicals

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Arts, Science and Commerce College, Ramanandnagar (Burl),
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Year: 2019-2020
Short Term Course
Preparation of Household Chemicals

Theory - Time Table (Feb 2020)

Time 08 am to 09 am

Sr.No	Name of Incharge	3	4	5	6	7	10	11	12	13	14	17	18	19	20	21	24	25	26	27	28
291	Dr.V.B.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Mr.U.S.Shelke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Ms.M.S.Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Ms.A.N.Dalvi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Ms.P.M.Mali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Ms.S.S.Jadhav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Practical- Time Table (Feb 2020) Time 11:00 to 02:00 pm

Sr.No	Name of Incharge	1	8	15	22	29
1	Ms.A.N.Dalvi	P	P	P	P	P
2	Ms.P.M.Mali	P	P	P	P	P
3	Ms.S.S.Jadhav	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P

M.P. Dalvi
Head
Dept. of Chemistry
A. S. C. College
Ramanandnagar (Burl)

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Theory - Time Table (Jan 2020)

Time 08 am to 09 am

Sr.No	Name of Incharge	1	2	3	4	6	7	8	9	10	13	14	15	16	17	20	21	22	23	24	27	
291	Dr. V.B.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Mr.U.S.Shelke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Ms.M.S.Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Ms.A.N.Dalvi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Ms.P.M.Mali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Ms.S.S.Jadhav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Practical- Time Table (Jan 2020) Time 11:00 to 02:00 pm

Sr.No	Name of Incharge	4	11	18	24	25
1	Ms.A.N.Dalvi	P	P	P	P	P
2	Ms.P.M.Mali	P	P	P	P	P
3	Ms.S.S.Jadhav	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P

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Theory - Time Table (Jan 2020)

Time 08 am to 09 am

Sr.No	Name of Incharge	1	2	3	4	6	7	8	9	10	13	14	15	16	17	20	21	22	23	24	27	
291	Dr.V.B.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Mr.U.S.Shelke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Ms.M.S.Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Ms.A.N.Dalvi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Ms.P.M.Mali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Ms.S.S.Jadhav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Practical- Time Table (Jan 2020) Time 11:00 to 02:00 pm

Sr.No	Name of Incharge	4	11	18	24	25
1	Ms.A.N.Dalvi	P	P	P	P	P
2	Ms.P.M.Mali	P	P	P	P	P
3	Ms.S.S.Jadhav	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P

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Theory - Time Table (Jan 2020)

Time 08 am to 09 am

Sr.No	Name of Incharge	1	2	3	4	6	7	8	9	10	13	14	15	16	17	20	21	22	23	24	27	
291	Dr.V.B.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Mr.U.S.Shelke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Ms.M.S.Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Ms.A.N.Dalvi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Ms.P.M.Mali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Ms.S.S.Jadhav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Practical- Time Table (Jan 2020) Time 11:00 to 02:00 pm

Sr.No	Name of Incharge	4	11	18	24	25
1	Ms.A.N.Dalvi	P	P	P	P	P
2	Ms.P.M.Mali	P	P	P	P	P
3	Ms.S.S.Jadhav	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P

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Arts, Science and Commerce College, Ramanandnagar (Burl),

Department of Chemistry

Year: 2019-2020

Short Term Course

Theory - Time Table (Dec 2020)

Preparation of Household Chemicals

Time 08 am to 09 am

Sr.No	Name of Incharge	2	3	4	5	6	9	10	11	12	13	16	17	18	19	20	23	24	25	26	27	
1	Dr.V.B.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Mr.U.S.Shelke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Ms.M.S.Chavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Ms.A.N.Dalvi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Ms.P.M.Mali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Ms.S.S.Jadhav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Practical- Time Table (Dec 2020) Time 11:00 to 02:00 pm

Sr.No	Name of Incharge	7	14	21	27	28
1	Ms.A.N.Dalvi	P	P	P	P	P
2	Ms.P.M.Mali	P	P	P	P	P
3	Ms.S.S.Jadhav	P	P	P	P	P
4	Ms.A.A.Patil	P	P	P	P	P
5	Ms.A.S.Patil	P	P	P	P	P

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Department of Chemistry
Year: 2019-2020
short Term Course
Preparation of Household Chemicals
Outcomes


Short term Certificate course in preparation of household chemical was started in our department from the academic year 2019-20

The outcomes of the course follows –

- Students gets marketing skill in the academic year 2019-20 student sold cold cream nearby college area about Rs. 2500/-
- One of the our student started a small scale in industry of preparation of following products
 - I) Phenyl
 - ii) Sanitary
 - iii) Liquid soaps

And daily income is about Rs. 1000/-

- Through this course students doing market survey and build up the marketing skill and develop their communication skill.
- Through this course students get self-employed.


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Rayat Shikshan Sansthas
Arts, Science and Commerce College, Ramanandnagar (Burli)
Department of Chemistry

Preparation Of Household Chemicals (2019-20)

Lecture time : 11:00am to 12:00 noon Student Present Practical : 2:00pm to 5:00 pm *Practical*

Sr. No.	Name of the Student	02/12	03/12	06/12	09/12	10/12	11/12	18/12	19/12	01/12	02/12	08/12	09/12
1	Arbune Pooja Mansing	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune
2	Avate Rohit Kumar	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
3	Bansode Rakesh Ashok	PAB	PAB	PAB	PAB	PAB	PAB	PAB	PAB	PAB	PAB	PAB	PAB
4	Buchade Chaitanya Dilip	CB	CB	CB	CB	CB	CB	CB	CB	CB	CB	CB	CB
5	Deshmukh Rohit Ramesh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
6	Deshmukh Swapnil Jalindar	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil
7	Edake Rohit Ashok	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake
8	Gulavani Purushottam Pandurang	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
9	Jadhav Akanksha Chandrakant	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
10	Jadhav Akash Santosh	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
11	Jadhav Aniket Shankar	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket
12	Jadhav Bhakti Jalindar	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti
13	Jadhav Rohit Chandrakant	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ
14	Jadhav Shraddha Sanjay	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
15	Jadhav Shubham Sarang	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
16	Jadhav Sourabh Sanjay	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
17	Jadhav Sushil Mahadev	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM
18	Jadhav Vishwjeet Ashok	VJA	VJA	VJA	VJA	VJA	VJA	VJA	VJA	VJA	VJA	VJA	VJA



19	Kadam Omkar Sharad	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam	oskadam
20	Kadam Rohit Shashikant	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk	okhitk
21	Kumbhar Avinash Ashok	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar	okumbhar
22	Kumbhar Omkar Sanjay	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo	okuzo
23	Malgavakar Rohan Manoj	okram	okram	okram	okram	okram	okram	okram	okram	okram	okram	okram	okram	okram
24	Mali Pratiksha Sanjay	okmal	okmal	okmal	okmal	okmal	okmal	okmal	okmal	okmal	okmal	okmal	okmal	okmal
25	Mane Aishwarya Sambhaji	okman	okman	okman	okman	okman	okman	okman	okman	okman	okman	okman	okman	okman
26	Mane Niteen Sanjay	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen	okniteen
27	Mane Sanskruti Tanaji	okmane	okmane	okmane	okmane	okmane	okmane	okmane	okmane	okmane	okmane	okmane	okmane	okmane
28	Mohite Akash Appasaheb	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite
29	Mohite Rupali Santosh	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite	okmohite
30	Mujawar Muskan Dastgir	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar	okmujawar
31	Nalawade Shridhar Nivas	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade	oknalawade
32	Patil Ashitosh Anil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil
33	Patil Kishor Nivas	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil
34	Patil Prithviraj Sanjay	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil
35	Patil Rutuja Arvind	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil
36	Patil Samarth Uttam	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil	okpatil
37	Pawar Mayuri Ashok	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar
38	Pawar Priyaka Suresh	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar
39	Pawar Saurabh Sanjay	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar
40	Pawar Shubham Ashok	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar	okpawar
41	Salunkhe Ankita Hanmant	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe
42	Salunkhe Rutuja Hanmant	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe
43	Salunkhe Utpal Uddhav	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe	oksalunkhe
44	Suryawanshi Nikhil Namdev	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi	oksuryawanshi



45	Suryawanshi Priyanka Dilip	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
46	Suryawanshi Sampada Laxman	SPL	SPL	SPL	SPL	SPL	SPL	SPL	SPL	SPL	SPL	SPL	SPL
47	Tambvekar Sayali Ramesh	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
48	Waghmare Komal Raju	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw
49	Shikhare Pruthviraj Vijay	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS
50	Kadam Chinmay Dipak	Chadon	Chadon	Chadon	Chadon	Chadon	Chadon	Chadon	Chadon	Chadon	Chadon	Chadon	Chadon
51	Suryawanshi Shubham Kumar	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
52	Anuse Harshada Rajaram	ansu	ansu	ansu	ansu	ansu	ansu	ansu	ansu	ansu	ansu	ansu	ansu
53	Rankhambe Vihal Mahadev	VMD	VMD	VMD	VMD	VMD	VMD	VMD	VMD	VMD	VMD	VMD	VMD



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Rayat Shikshan Sansthas
Arts, Science and Commerce College, Ramanandnagar (Burli)
Department of Chemistry
Preparation Of Household Chemicals (2019-20)

Student Present *Practical*

Practical

Sr. No.	Name of the Student	16/02	17/02	24/02	27/02	3/02	04/02	11/02	12/02	19/02	20/02	27/02	28/02
1	Arbune Pooja Mansing	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune	Arbune
2	Avate Rohit Kumar	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
3	Bansode Rakesh Ashok	RAB	RAB	RAB	RAB	RAB	RAB	RAB	RAB	RAB	RAB	RAB	RAB
4	Buchade Chaitanya Dilip	CDP	CDP	CDP	CDP	CDP	CDP	CDP	CDP	CDP	CDP	CDP	CDP
5	Deshmukh Rohit Ramesh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
6	Deshmukh Swapnil Jalindar	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil
7	Edake Rohit Ashok	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake	Edake
8	Gulavani Purushottam Pandurang	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre	Pre
9	Jadhav Akanksha Chandrakant	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav	Ajadhav
10	Jadhav Akash Santosh	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
11	Jadhav Aniket Shankar	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
12	Jadhav Bhakti Jalindar	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
13	Jadhav Rohit Chandrakant	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ	RJ
14	Jadhav Shraddha Sanjay	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ
15	Jadhav Shubham Sarang	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
16	Jadhav Sourabh Sanjay	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
17	Jadhav Sushil Mahadev	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM
18	Jadhav Vishwjeet Ashok	VAJ	VAJ	VAJ	VAJ	VAJ	VAJ	VAJ	VAJ	VAJ	VAJ	VAJ	VAJ



45	Suryawanshi Priyanka Dilip	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
46	Suryawanshi Sampada Laxman	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL
47	Tambvekar Sayali Ramesh	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
48	Waghmare Komal Raju	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw	Komalw
49	Shikhare Pruthviraj Vijay	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS	PVS
50	Kadam Chinmay Dipak	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam	Ckadam
51	Suryawanshi Shubham Kumar	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
52	Anuse Harshada Rajaram	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada
53	Rankhambe Vihal Mahadev	VMP	VMP	VMP	VMP	VMP	VMP	VMP	VMP	VMP	VMP	VMP	VMP



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Arts, Science and Commerce College Ramanandnagar (Burla)

Tal: Palus, Dist.: Sangli -416 308

Department of Chemistry

SHORT TERM COURSE PREPARATION OF HOUSEHOLD CHEMICAL
2019-20 EXAMINATION

SUBJECT: - BASIC CONCEPT OF HOUSEHOLD CHEMICALS (Paper -II)

DATE; - 14/02/2020

DAY: - Thursday

TIME: - 11.00 am to 12.30 pm

Marks: - 30

Que. 1] Select the most correct alternative from the following and rewrite the sentence. (5M)

- i) is the base according to Bronsted theory concept as well as Lewis concept.
- | | |
|------------------------------------|---------------------------|
| a) NH_3 | b) NaOH |
| c) $\text{C}_6\text{H}_5\text{OH}$ | d) CH_3OH |
- ii) $\text{HNO}_3 + \text{NH}_3 \rightarrow \text{NH}_4^+ + \text{NO}_3^-$ in this reaction the conjugate base of nitric acid is.....
- | | |
|--------------------|--------------------|
| a) NO_3^- | b) NH_4^+ |
| c) NH_3 | d) HNO_3 |
- iii) Equivalent weight of NaOH is
- | | |
|-------|-------|
| a) 40 | b) 50 |
| c) 30 | d) 60 |
- iv) Which of the following is the unit of concentration.....
- | | |
|--------------|-----------------|
| a) Normality | b) Molarity |
| c) Molality | d) all of these |
- v) Metal ion acts as.....
- | | |
|---------------|------------------------|
| a) Lewis base | b) Lewis base and base |
| c) Lewis acid | d) none |

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

- Explain Bronsted- Lowry concept of acid & Base.
- Who will you prepared 1 litre 0.1 N NaOH Solution from 0.5 N NaOH Solution.
- Explain in detailed the concept of molarity.
- Explain in detailed concept Normality.

Que.3] Attempt any one of the following. (10 M)

- Explain the Arrhenous theory of acids and base with suitable example.
- Explain Lewis theory of acids and bases with suitable example.

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Ramanandnagar (Burl),
Department of Chemistry
Year: 2019-2020


Short Term Course Preparation Household Chemical
Analytical Methods in Chemistry

Feb 2020 Attendance Theory Time 08 am to 09 am

Feb 2020 Attendance Theory Time 08 am to 09 am

Roll No	Name of Students	Marks(50)
1851	ARBUNE POOJA MANSING	44
1852	AVATE ROHIT KUMAR	38
1853	BANSODE RAKESH ASHOK	40
1854	BUCHADE CHAITANYA DILIP	44
1855	DESHMUKH ROHIT RAMESH	44
1856	DESHMUKH SWAPNIL JALINDAR	46
1857	EDAKE ROHIT ASHOK	38
1858	GUDMANI SUNIL ASHOK	42
1859	GULAVANI PURUSHOTTAM PANDURANG	44
1860	JADHAV AKANKSHA CHANDRAKANT	46
1861	JADHAV AKASH SANTOSH	42
1862	JADHAV ANIKET SHANKAR	44
1863	JADHAV BHAKTI JALINDAR	44
1864	JADHAV ROHIT CHANDRAKANT	44
1865	JADHAV SHRADDHA SANJAY	42
1866	JADHAV SHUBHAM SARANG	38
1867	JADHAV SOURABH SANJAY	48
1868	JADHAV SUSHIL MAHADEV	46
1869	JADHAV VISHWJEET ASHOK	44
1870	KABUGADE SOMNATH DINKAR	42
1871	KADAM OMKAR SHARAD	46
1872	KADAM ROHIT SHASHIKANT	48
1873	KUMBHAR AVINASH ASHOK	48
1874	KUMBHAR OMKAR SANJAY	48
1875	MALGAVAKAR ROHAN MANOJ	46
1876	MALI PRATIKSHA SANJAY	46
1877	MANE AISHWARYA SAMBHAJI	42
1878	MANE NITEEN SANJAY	42
1879	MANE SANSKRUTI TANAJI	42
1880	MOHITE AKASH APPASAHEB	48
1881	MOHITE RUPALI SANTOSH	46
1882	MOHITE VIJAY RAGHUNATH	44
1883	MUJAWAR MUSKAN DASTGIR	44

1884	NALAWADE SHRIDHAR NIVAS	44
1885	NIKAM AMRUTA VASANT	46
1886	PATIL ASHITOSH ANIL	46
1887	PATIL KISHOR NIVAS	44
1888	PATIL PRITHVIRAJ SANJAY	42
1889	PATIL RUTUJA ARVIND	44
1890	PATIL SAMARTH UTTAM	44
1891	PAWAR MAYURI ASHOK	42
1892	PAWAR PRIYAKA SURESH	44
1893	PAWAR SAURABH SANJAY	38
1894	PAWAR SHUBHAM ASHOK	38
1895	SALUNKHE ANKITA HANMANT	40
1896	SALUNKHE RUTUJA HANMANT	40
1897	SALUNKHE UTPAL UDDHAV	42
1898	SHELAKHE SHIVRAJ DATTATRAY	44
1899	SURYAWANSHI NIKHIL NAMDEV	44
1900	SURYAWANSHI PRIYANKA DILIP	46
1901	SURYAWANSHI SAMPADA LAXMAN	44
1902	TAMBVEKAR SAYALI RAMESH	46
1903	WAGHMARE KOMAL RAJU	42
1949	SHIKHARE PRUTHVIRAJ VIJAY	44
1951	MOHITE AKSHAY MAHADEV	44
1952	KADAM CHINMAY DIPAK	44
1953	SURYAWANSHI SHUBHAM KUMAR	46
1958	ANUSE HARSHADA RAJARAM	48
1960	KADAM VISHWAJEET VISHNU	48
1961	RANKHAMBE VIHAL MAHADEV	48



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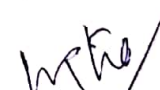
Rayat Shikshan Sanstha's
Art's Science and Commence College Ramanandnagar (Burli)
Tal: Palus Dist.: Sangli
Department of Chemistry
Certificate Course on
Preparation of Household Chemicals
2019-20
Annual Report

The Department of Chemistry conduct the value added self-finance course "Preparation of Household Chemicals" every year. The duration of course is 3 months. In this year 53 students are admitted for this course. The course is for 100 marks. In this course we thought three papers.

1. Basic concept of household chemicals
2. Mechanism precaution and cleaning action of household chemicals
3. Practical papers it includes
 - Sanitary acids
 - Liquid soaps
 - White phenyl
 - Dark phenyl
 - Market survey of household chemicals

The course is succelfully completed by the B. Sc. Part III Students in the academic year 2019-20. The total no. of beneficiaries are 53


Course In-charge


Head
Principal
Dept. of Chemistry
A. S. C. College
Ramanandnagar (Burli)



CERT. NO.
PHC - 00

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Tal: Palus, Dist: Sangli, Pin: 416 308

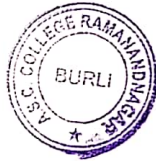
CERTIFICATE

This is to certify that Arbune Pooja Mansing..... has successfully completed the Short Term Course "Preparation of Household Chemicals" from Dec. 2019 to Feb. 2020 with A.... Grade. The course was conducted by the department of Chemistry in the academic year 2019-20, **ASC College, Ramanandnagar (Burli), Tal- Palus, Dist: Sangli -416308 (Maharashtra.)**

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Department of Chemistry

Dept. of Chemistry
A. S. C. College
Ramanandnagar (Burli)



Doc.
Course Coordinator