

Shahid Virpatni Laxmi Mahavidyalaya, Titave


Program Report

Department of Science

Academic Year 2022-23

Add On Program on

“Preparation of Household Chemical”

Date of Activity	8 th June 2022 to 16 th June 2022	Time: 09.00am-1.30pm
Venue of Activity	Offline	
Objectives	Various household cleaning products have been developed to help remove dust and dirt, for surface maintenance, and for disinfection.	
Activity Coordinators	Mr.Samadhan Powar.	
Name of Teacher	Miss.Swati Powar , Miss. Kajal Balugade	
Speaker	Mr.Rahul K. Patil.	
Topics covered	<ul style="list-style-type: none">• Scope & branding of household chemical.• Ingredients of soap making• Application of candles, incense	
Attendees	Faculty Members along with 33 Science students	
Value of “Preparation of Household Chemical ”	Household chemicals are non-food chemicals that are commonly found and used in and around the typical household and are designed particularly to assist cleaning and for general hygiene purposes.	
Photograph	 <p>Preparing Soap in Laboratory</p>	



HOD
Head
Faculty Of Science



Principal

Shahid Virpatni Laxmi Mahavidyalaya
Titave, Tal. Radhanagari, Dist. Kolhapur.



Shahid Shikshan Prasarak Mandal, Titave's
SHAHID VIRPATNI LAXMI MAHAVIDYALAYA

Titave, Tal-Radhanagari Dist-Kolhapur

PH (0231) 254370

E-Mail-svlm.titave@gmail.com

Ref.:- 2022-23/Science.

DATE : 02/06/2022

To
Principal
Shahid Virpatni Laxmi Mahavidyalay,
Titave

Subject: Permission to start Add on Program in department of Science

Respected Sir,

Department of Science is willing to run add on Program entitled "**Preparation of household chemicals.**" Here with enclosing the details of this course for your kind perusal.

Please give us the permission to start the said program from academic year 2022-23.

Thanking You,

Yours faithfully,



Permitted.
2/6/22


HOD
Head
Faculty Of Science

SHAHID VIRPATNI LAXMI MAHAVIDYALAY
TITAVE

Department Of Science

Date : 3rd June 2022

Notice

All students are hereby informed that the Department of Science is going to organize an Add on Program On “**Preparation of Household Chemicals.**” The program will be conducted from 8th June 2022 to 16th June 2022. Kindly submit your entries to your class teachers.

Date: 8th June onwards
Time: 9:00 am to 1.30 pm

B.Sc : 5Y - *Bhatage*



[Signature]
HOD
Head
Faculty Of Science



Shahid Shikshan Prasarak Mandal, Titave's
SHAHID VIRPATNI LAXMI MAHAVIDYALAYA

Titave, Tal-Radhanagari Dist-Kolhapur

PH (0231) 254370

E-Mail-svlm.titave@gmail.com

Ref.: 2022-23/science/01

DATE : 03/06/2022

To,
Mr. Rahul K. Patil.
Unichem Ltd.,
Kolhapur

Subject: Invitation to conduct a program on “**Preparation of Household Chemicals.**”

Respected Sir,

We are very happy to inform you that our institute Shahid Virpatni Laxmi Mahavidyalaya, Titave is going to organize Add on Program on “**Preparation of Household Chemicals.**” The main focus of the program is to assist cleaning, pest control, and for general hygiene purpose and also to aware of the importance, usages, and setbacks of the above-mentioned topics.

The program is scheduled from 8th June 2022 to 16th June 2022 at **9.00 am to 1.30 am**. We are eagerly waiting for your confirmation.


HOD
Head
Faculty Of Science




Principal
Principal
Shahid Virpatni Laxmi Mahavidyalaya
Titave, Tal. Radhanagari, Dist. Kolhapur.

Receiver
Patil R

Shahid Shikshan Prasark Mondal Titave's
Shahid Virpatni Laxmi Mahavidyalay Titave
Student Registration
Department of Science
Preparation Of Household Chemical
Class: BSc.SY 2022-23

Sr.No	Student Name	Sign
1	BACHANKAR PRIYANKA PANDHARINATH	<i>Priyanka</i>
2	BHAT SUSHMITA SUNIL	<i>SB</i>
3	CHARAPALE PRANOTI TANAJI	<i>Pr. Charapale</i>
4	CHARAPALE RAVINA RANGRAO	<i>PR</i>
5	CHAVAN JYOTI SANJAY	<i>Schavan</i>
6	CHOUGALE MANJIRI DILIP	<i>Manjiri</i>
7	CHOUGALE NAMRATA PRAKASH	<i>Namrata</i>
8	CHOUGALE VINAYA VITTHAL	<i>Chougale</i>
9	DAVARI PRAJAKTA SHAMARAO	<i>Prajakta</i>
10	DHANAWADE PRIYA MOHAN	<i>Priya</i>
11	GAYAKWAD SANIKA SURESH	<i>Gayakwad</i>
12	JADHAV MANISHA BABURAO	<i>Manisha</i>
13	KALAMKAR SUPRIYA DILIP	<i>Supriya</i>
14	KAMBLE REVATI SANJAY	<i>Revati Kamble</i>
15	KAMBLE SHIVANI SAMBHAJI	<i>Shivani</i>
16	KAMBLE SWAPNALI SATTAPPA	<i>Swapnali</i>
17	KAMBLE TRUPTI TATOBA	<i>Trupti</i>
18	KOTMIRE ANURADHA BALAVANT	<i>Anuradha</i>
19	KUMBHAR PRATIKSHA SUHAS	<i>Pratiksha</i>
20	KURANE VAISHNAVI BALU	<i>Vaishnavi</i>
21	MAHEKAR SHRAVANI SANTOSH	<i>Shravani</i>
22	MORE RASIKA SHAMRAO	<i>Rasika</i>
23	NALAVADE SANIKA BALU	<i>Nalavade</i>
24	NIUNGARE SUPRIYA SATAPPA	<i>Supriya</i>
25	PARIT PRAJAKTA ANANDA	<i>Prajakta</i>
26	PATIL APARNA ANIL	<i>Aparna</i>
27	PATIL NAMRATA SATAPPA	<i>Namrata</i>
28	PATIL SAKSHI SANTOSH	<i>Sakshi</i>
29	PATIL SANIKA NIVRUTTI	<i>Sanika</i>
30	PATIL TANUJA DATTATRAY	<i>Tanuja</i>
31	PATIL TEJASWINI KRUSHANAT	<i>Tejaswini</i>
32	PATIL VAISHNAVI SANJAY	<i>Vaishnavi</i>
33	POWAR MAYURI RAJARAM	<i>Mayuri</i>
34	SANKPAL PRATIKSHA RAMESH	<i>Pratiksha</i>
35	SHINDE MALVIKA SACHIN	<i>Ms. Shinde</i>
36	SHINDE MALVIKA SACHIN	<i>Ms. Shinde</i>



(Signature)
Principal
 Shahid Virpanni Laxmi Mahavidyalay
 Titave, Tal.Radhanagari, Dist.Kolhapur

Shahid Virpatni Laxmi Mahavidyalaya, Titave.

Department of Science

“Course Schedule”

Academic Year 2022-23

Sr.No.	DATE	TIME	TOPIC
1.	8/06/2022	9:00 am to 1:30pm	Soaps Detergents
2.	9/06/2022	9:00 am to 1:30pm	
3.	10/06/2022	9:00 am to 1:30pm	Liquid Soap Hand Wash
4.	11/06/2022	9:00 am to 1:30pm	
5	13/06/2022	9:00 am to 1:30pm	Flour cleansing agent Candle Science
6.	14/06/2022	9:00 am to 1:30pm	
7.	15/06/2022	9:00 am to 1:30pm	Incense
8.	16/06/2022	9:00 am to 1:30pm	



Shahid Virpatni Laxmi Mahavidyalaya, Titave

Department of Science

Academic Year 2022-23

Add-on Program on

“Preparation Of Household Chemical”

Schedule: 8th June to 16th June 2022, 9:00 am to 1:30 pm

Syllabus

Sr. No.	TOPIC
1.	Scope Branding Sales & Marketing
2.	development of Entrepreneurial mind set Scope of herbal/natural contents Significance of herbal/ contents
3.	Soaps Introduction History Ingredients for soap making
4.	Methods of soap making Types of soaps Preparation of soap in the laboratory
5.	Detergents Introduction Ingredients Manufacturing
6.	Liquid Soap Introduction
7.	Ingredient Production
8.	Hand wash : Ingredient Production
9.	Flour cleansing agent Introduction Manufacturing Process



Sr. No.	TOPIC
10.	Candle Science Introduction Materials required Types of waxes and its propertiess
11.	Manufacture of candle Procedure for candle making Types of candles Burning of candles Applications of candles
12	Incense Introduction Type
13.	Raw Materials Production
14.	Quality Assessment & Quality Control (Qa/Qc) Flavors and fragrance
15.	Cultural Variations Applications



Shahid Virpatni Laxmi Mahavidyalay, Titave

Department of Science

Academic Year 2022-2023

Add On Program on
"Preparation of Household Chemical"

Exam

Date: 18th June 2022

Time: 9:00 AM to 10:00 AM

1. Washing soap can be prepared by saponification with alkali and of the following oil.
 - A. Kerosene oil
 - B. Paraffin oil
 - C. Rose oil
 - D. Groundnut oil
2. Which is the hottest part in the flame of the candle
 - A. Blue
 - B. yellow
 - C. Black
 - D. Wax part
3. _____ surfactants perform well over a wide range of water hardness and pH.
 - A. Anionic
 - B. Nonionic
 - C. Cationic
 - D. none of these
4. Soft soap is made from _____ and fatty acids.
 - A. KOH
 - B. NaOH
 - C. LiOH
 - D. All of these
5. Innermost zone of candle flame is the
 - A. Hottest part
 - B. Moderately hot part
 - C. Least hot part
 - D. Cold part



6. The soap and detergents are source of organic pollutants like:

- A. Polyphosphates
- B. Sulphonated hydrocarbons
- C. Glycerol
- D. All of these

7. Which enzymes are helpful in detergents?

- A. Celluloses
- B. Lipases
- C. Proteases
- D. All of these

8. Yellow color in the candle flame denotes

- A. Outermost part
- B. Middle zone
- C. Innermost zone
- D. None of these

9. Soapy detergents and soap less detergent behave differently in hard water because they

- A. Have different pH values.
- B. Have different hydrophobic hydrocarbon chains.
- C. Have different hydrophilic heads.
- D. Are made by different chemical methods.

10. Which is the hottest part in the flame of the candle

- A. Blue
- B. yellow
- C. Black
- D. Wax part

11. _____ is best in its cleaning action.

- A. Soap
- B. Surfactant
- C. Detergents
- D. None of these



12. Soap and detergents eliminate the dirt from clothes due to which of the following?

- A. Lowering of interfacial tension
- B. Gravity
- C. Osmosis
- D. Capillary action

13. What is the time duration for hand rub hand washing

- A. 10sec.
- B. 20 sec
- C. 30sec
- D. 40sec

14. How many step are in the hand washing procedure

- A. 8 steps
- B. 7 steps
- C. 9 steps
- D. 5steps

15. What is the time duration for soap water hand washing?

- A. 20-30 sec
- B. 2 minute's
- C. 40-60 sec
- D. 60-80min.



Assessment
Shahid Virpatni Laxmi Mahavidyalaya Titave

Department of Science
Academic Year 2022-23
Add on Program on

“preparation of Househod Chemical”

Sr.No	Student Name	Mark
1	BHALEKAR PRAJAKTA MARUTI	20
2	BHAT SIDDHIKA GOVIND	12
3	BHUINGADE RUTUJA SANJAY	22
4	BIRAMBOLE PRATIKSHA SATAPA	18
5	CHAUGALE INDRAYANI SHIVAJIRAO	AB
6	CHOUGALE PALLAVI PANDURANG	14
7	DAVARI AISHWARYA SAHADEV	12
8	DESAI PRAMODINI PRAKASH	22
9	DESAI SHUBHANGI MAHENDRA	18
10	DHUNDARE SWARUPA VILAS	20
11	DHURI PRATIKSHA PARASHRAM	16
12	GODASE RAVINA RANGRAV	20
13	GORAMBEKAR POONAM GUNDU	22
14	KAMBLE VAISHNAVI SHASHIKANT	18
15	KAMBLE POOJA HINDURAO	AB
16	KAMBLE RAKSHADA RAJENDRA	16
17	KAMBLE SAMIKSHA DASHRATH	14
18	KANKEKAR SHUBHADA SURESH	24
19	KESARKAR SWAPNALI SAKHARAM	12
20	KUMBHAR DEEPALI VISHNU	22
21	MAHEKAR MAYURI RAJENDRA	26
22	MORABALE PRATIKSHA BALWANT	18
23	NAIK SAMIKSHA HARISHCHANDRA	12
24	NANDAVADEKAR ASHWINI RAJU	20
25	NARATAVADEKAR RUTUJA RAVINDRA	22
26	PATADE PRAJAKTA MARUTI	14
27	PATIL AISHWARYA VILAS	18
28	PATIL ASMITA BHAGAVAN	20
29	PATIL KILLEDAR PUNAM PRABHAKAR	12



30	PATIL POOJA BALASO	18
31	PATIL PRATIKSHA PANDURANG	20
32	PATIL PRATIKSHA PRAKASH	19
33	PATIL RENUKA PARASHARAM	22
34	PATIL SAVITA PANDURANG	AB
35	PATIL SAYALI NAMDEO	20
36	PATIL SHARVARI SHIVAJI	22
37	PATIL SHITAL KRISHNAT	18
38	PATIL SHIVANI SHANKAR	29
39	PATIL SHRADDHA DILIP	12
40	PATIL SUBHANGI MADHUKAR	AB
41	PATIL SUJATA BALKRISHNA	18
42	PATIL SUPRIYA PANDURANG	29
43	PATIL SUPRIYA SHASHIKANT	12
44	PATIL SUPRIYA VITTHAL	18
45	PATIL TEJASWINI PRAKASH	29
46	PATIL VAISHNAVI NANDKUMAR	16
47	POWAR SHWETA TANAJI	22
48	RAJIGARE DHANASHIRI DHANANJAY	12
49	REPE VIDHYATAI BALIRAM	18
50	SABALE SHIVANI NANASO	29
51	SANKPAL SHIVANI SHARAD	20
52	SHETAGE PRANITA PIRAJI	16
53	SUTAR SARIKA TANAJI	22
54	TADAVALEKAR NISHA SHAMRAO	19
55	TORGAL PRATIKSHA MAHADEV	20
56	WARKE GITANJALI SUNIL	29

[Signature]
Head
Faculty Of Science



[Signature]
Principal
 Shahid Virpatni Laxmi Mahavidyalay
 Titave, Tal.Radhanagari, Dist.Kolhapur

Shahid Shikshan Prasark Mandal Titave's
Shahid Virpatni Laxmi Mahavidyalaya Titave

Academic Year 2022-23

Attendance Sheet

Preparation Of Household Chemical

Department of Science

Class: SY B.Sc

Sr.	Name Of Student	Sign								
		Date	8/06/22	9/06/22	10/06/22	11/06/22	13/06/22	14/6/22	15/6/22	16/6/22
1	BACHANKAR PRIYANKA PANDHARINATH	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
2	BHAT SUSHMITA SUNIL	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB
3	CHARPALE PRANOTI TANAJI	P.Chaturpte	P.Chaturpte	P.Chaturpte	P.Chaturpte	P.Chaturpte	P.Chaturpte	P.Chaturpte	P.Chaturpte	P.Chaturpte
4	CHARPALE RAVINA RANGRAO	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
5	CHAVAN JYOTI SANJAY	Sanjan	Sanjan	Sanjan	Sanjan	Sanjan	Sanjan	Sanjan	Sanjan	Sanjan
6	CHOUGALE MANJIRI DILIP	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale
7	CHOUGALE NAMRATA PRAKASH	NPKS	A	NPKS	NPKS	NPKS	NPKS	NPKS	NPKS	NPKS
8	CHOUGALE VINAYA VITTHAL	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale
9	DAVARI PRAJAKTA SHAMARAO	Bavari	Bavari	Bavari	Bavari	Bavari	Bavari	Bavari	Bavari	Bavari
10	DHANAWADE PRIYA MOHAN	RMP	RMP	RMP	RMP	RMP	RMP	RMP	RMP	RMP
11	GAYAKWAD SANIKA SURESH	Sau	Sau	Sau	Sau	Sau	A	Sau	Sau	Sau
12	JADHAV MANISHA BABURAO	Mat	Mat	Mat	Mat	Mat	Mat	Mat	Mat	Mat
13	KALAMKAR SUPRIYA DILIP	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya
14	KAMBLE REVATI SANJAY	R.Kamble	R.Kamble	A	R.Kamble	R.Kamble	R.Kamble	R.Kamble	R.Kamble	R.Kamble
15	KAMBLE SHIVANI SAMBHAJI									
16	KAMBLE SWAPNALI SATTAPPA	Sek	Sek	Sek	Sek	Sek	A	Sek	Sek	Sek
17	KAMBLE TRUPTI TATOBA	T.Kambale	T.Kambale	T.Kambale	T.Kambale	T.Kambale	T.Kambale	T.Kambale	T.Kambale	T.Kambale
18	KOTMIRE ANURADHA BALAVANT									
19	KUMBHAR PRATIKSHA SUHAS	B.Kumbhar	B.Kumbhar	B.Kumbhar	B.Kumbhar	B.Kumbhar	B.Kumbhar	B.Kumbhar	B.Kumbhar	B.Kumbhar
20	KURANE VAISHNAVI BALU	A	B.Kurane	B.Kurane	B.Kurane	B.Kurane	B.Kurane	B.Kurane	B.Kurane	B.Kurane
21	MAHEKAR SHRAVANI SANTOSH	S.Mahakar	S.Mahakar	S.Mahakar	S.Mahakar	S.Mahakar	S.Mahakar	S.Mahakar	S.Mahakar	S.Mahakar
22	MORE RASIKA SHAMRAO	R.Smole	R.Smole	R.Smole	R.Smole	A	R.Smole	R.Smole	R.Smole	R.Smole
23	NALAVADE SANIKA BALU	B.Nalavade	B.Nalavade	B.Nalavade	B.Nalavade	B.Nalavade	B.Nalavade	B.Nalavade	B.Nalavade	B.Nalavade

Head
Faculty Of Science



Principal
Shahid Virpatni Laxmi Mahavidyalaya
Titave, Tal. Radhanagari, Dist. Kolhapur.

24	NIUNGARE SUPRIYA SATAPPA	SN	A	SN	SN	SN	SN	SN	SN
25	PARIT PRAJAKTA ANANDA	PPA	PPA	PPA	PPA	PPA	PPA	PPA	PPA
26	PATIL APARNA ANIL	PPA	PPA	PPA	PPA	PPA	A	PPA	PPA
27	PATIL NAMRATA SATAPPA	NSP	NSP	NSP	NSP	NSP	NSP	NSP	NSP
28	PATIL SAKSHI SANTOSH	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
29	PATIL SANIKA NIVRUTTI	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
30	PATIL TANUJA DATTATRAY	Patil	A	Patil	Patil	Patil	Patil	Patil	Patil
31	PATIL TEJASWINI KRUSHANAT								
32	PATIL VAISHNAVI SANJAY	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
33	POWAR MAYURI RAJARAM	M.R.Power	M.R.Power	M.R.Power	M.R.Power	M.R.Power	M.R.Power	M.R.Power	M.R.Power
34	SANKPAL PRATIKSHA RAMESH	PSankpal	PSankpal	PSankpal	PSankpal	PSankpal	PSankpal	PSankpal	PSankpal
35	SHINDE MALVIKA SACHIN	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde
36	SHINDE MALVIKA SACHIN	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde	Ms.shinde


Head
Faculty Of Science




Principal
 Shahid Virpatni Laxmi Mahavidyalaya
 Titave, Tal. Radhanagari, Dist. Kolhapur.



Shahid Shikshan Prasarak Mandal, Titave's
SHAHID VIRPATNI LAXMI MAHAVIDYALAYA

Titave, Tal-Radhanagari Dist-Kolhapur

PH (0231) 254370

E-Mail-svlm.titave@gmail.com

Ref.-: 2022-23/science/03

DATE: 16/06/2022

To,
Mr. Rahul K. Patil.
Unichem Ltd.,
Kolhapur.

Subject: Thanking letter for joining as Resource Person.

Reference: Add on Program Conducted in our institute on "**Preparation of Household Chemicals**" from 8th June to 16th June 2022.

Respected Sir,

With reference to the above mentioned subject we are thankful for accepting the invitation and delivering valuable lectures for the Add on program titled "**Preparation of House Hold Chemicals.**" We assure you that your expertise will definitely help our students in their future studies.

With best regards,

Thanking You.


HOD
Head
Faculty of Science



Received
Patil R


Principal
Principal
Shahid Virpatni Laxmi Mahavidyalaya
Titave, Tal. Radhanagari, Dist. Kolhapur.





Shahid Shikshan Prasarak Mandal's, Titave
Shahid Veerpatni Laxmi Mahavidyalaya, Titave

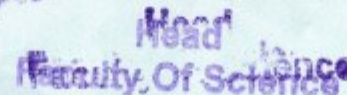
CERTIFICATE

This is to Certify that Miss

Of class S.Y..B.sc.. has attended / participated /successfully completed Certificate course of
“Preparation of Household Chemicals” organized by **Department of Science, S.V.L.M., Titave.** Course
Organized academic year 2022-23...


Program Co-ordinator


HOD
(Department of Science)


Head
Faculty Of Science


I/C Principal
Principal
Shahid Veerpatni Laxmi Mahavidyalaya
Titave, Tal. Radhanagari, Dist. Kolhapur.