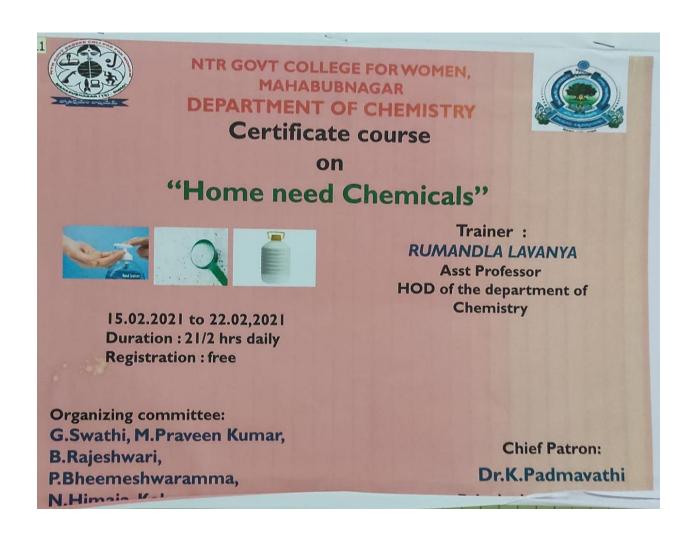
### NTR GOVERNMENT DEGREE COLLEGE, MAHABUBNAGAR

### **DEPARTMENT OF CHEMISTRY**

#### **CERTIFICATE COURSE -2020-2021**

COURSE TITLE: HOMENEED CHEMICALS DURATION: 30 Hrs

**RESOURCE PERSON CUM TRAINER: Rumandia Lavanya** 



# Home Need Chemicals - certificate course

Dt 15.02.2021 to 27.02.2021

Duration: 2:30 hr daily.

## Objectives:

- 1) The Certificate Course enhances and enriches

  The Students learning experience.

  2) This course later the academic and Vocational
- a) This course later the academic and vocational needs of the Students.

  3) The course aims to equip the Students with
- deeper Knowledge of the Chemistry.

  4) preparation of Home need Chemicals provide high employability to the Students with Low investment.

But above I to 4 stems one available



Home Nead Chemicals . and trale course preparation of phenyl Ingredients: 1. Soft soap : 100 9 a. cutting oil: 100 ml 3. pine oil: 100 ml 4 Scent: 5ml 5. Moter: 5 lit But above I to 4 stems are available 90 1 Ltr bottle 90 the Marketing with well mixing. This can be Used mix 90 20 Ltrs We should mix the above avoilable 4 Ingredients in 20 ltrs of water thoroughly for 20-30 minutes. for colour we can food colour.

3
rehand proported to contract the
preparation of Sanstizer
The state of the s
71) Isopropyl Alcohol Based Formulation
(Isopropanol)
and deall what sale believed to the green's total
>>> Final volume Reg : 1000ml
the state of the s
>3> 1- of chemical Reg : Isopropyl Alcohol 75% (V/V)
Gycerol 1.45% (VIV)
H202 0.125 / (V/V)
8 Board bounter - locay ( to mave the deal to buller
>4) Conc. of chemical Have:
Transport Alcohol 99.8%
· Glycerol 98 1. starte along million
· H202 100013 1.
in men standard the
> 5> calculations / Formula
3) S/ Carcaracross / Ol chemical
Final vol x % of chemical Reav
Rey
conc. of chemical we have
I de la la part o statutos
For Tropropyl alcohol = 1000 x, 75 = 751.50 ml
⇒ For Isopropyl alcohol = 1000 x, 13 = 751.50 mix
1 70 ml
> For Glyceroc = 1000
LOI MARIE DE LOI DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION
=> For Hydrogen peronide = 1000 × 0.125 = 41.66 ml
1 1 00 e di 751.50 ml
Jsopropyl Alcohol 99-07 - 14.79 ml
Glycerol 787 - me
3:1-
Ha02 807:95 me
Rest distilled water is added to make 1000ml final volume
Kest alberra

a la la puedes
Preparation of petergent powder
Required Ingredients:
I among deat
1. Soda wash - 3 kgs (To remove dent)
2. Acid slurry - 1 ltr (control the soda wash power 3. Sodium Lauryl Sulphate - 100 ml (-for lather)
4 Spalium bii carbonate - 100 gr
4 Sodium bii carbonate - 100 gr 5. Trisodium phosphate - 100 gr
6 Toisodium poly phosphate - 100 gr
7. Corposyl methyl cellulose - 100 gr (helps to store)
8 Boood powder - 100 gr (to move the dert to bottom
of the bucket)
9. Sodeum Silicate - 100 gr (giving shiring to colored
Clothes)
10. Sodium meta silicate - 100 gr
11. Oeolete - 100 gr
12 Grannules - 100 gr
13. Tenopal / ranipal - 50 gr lenodoles les
Le Scent 5 ml man
Pag Reav
Preparation method:
Step 1:
Take a huge day tub and place Sodawash in It then add acid shorny slowly to sodawash mix it fast
add and slurry sloudy to soda wash mix it fast
a rect power
Step 2: 1 11 = 111 × 2001 = Inopplet and
Add SLS and mix thoroughly.
Step of the step o
Now add remaining all encept Gramules, Tinopal and
scent. Min thoroughly
Step 4.
Add remaining Propal Gramules and Scent After
Carry Charter W. Should and a
A DICE TO BE A COLUMN TO THE PERSON OF THE P
Supplied and the state of the s

5 Batch -! Time: 8:50-10:45am Trainer and Torcharge faculty: professor 10 clemistre NTR GIDC(W), MBNR wer) H-T.No Student Name Feed Back Segnoture 1 1803.3030.441.001 A. Shravani Good Shravani Afthab Tanseen useful 002 Afthab Tonseen A. Navya Sri self binance Navya Sni 004 Money Save 005 A. Sandhya 007 B. Jayalazmi satisfied tom B. J. Mounika 008 Satisfied Shireesha 009 B. Shireesha Good red B. Varalazmi Grood Varalaxmi 014 Saksped Fixdous befun Firdous Begum 015 G. Bhavani 11 016 Useful 12 018 H. Anitha dritte Self finance Heena 13 Heena 019 Good 14 J. Szujana Satisfied 020 Good Javetia Tabassan Javeria Tabassum 022 5 Salisfied Shoavani K. Shravani 16 024 K-Anasuga 17 028 Anasuya K. Lavanya 029 18 Lavanya K. Madhavi 19 030 Madhavi Satisfied K-Shravani 20 032 Glard Shravani 034 G. Maheshwari Self-finance 21 Maheshwari M. Rajeshwari 035 22 Good M. Sharadha Sharadha Satisfied 036 23 priyanka 24 039 Prisyanka Rahat parveen Satisfied 042 Rahet parveen 25 Sania begun 26 045 Sania Begum Good Shireen fathima Satisfied 046 Shireon 27 S. preethi 28 047 Good preethi T. shireesha Satisfied 050 Shireesha 29 V. Maryula Mary wa 051 Grood 30 V-shaoonila Useful 052 Shaimila 31

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1	7 to 5/30 pm
	Batch-2 Time: 3 to 5:30 pm
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34 m	a 16:02.2021 - Different types of chemicals used for
wath	Howe hold purpose
hibba	5 5 5 Cost Paragraphia Sommand Water Advance
m	3. 17.02.2021 + How to handle the Home need chemicals
inesto	Tages to the state of the same
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buka	Home need chemicals.
the 1:	5. 19.02. 2021 + Importance of chemicals as Germicides.
himb	3. 19.02 and 7 Importance of Tenemicas of Chemicas.
forces	6. 20.02-2021 - Importance of chemicals as Insecticides.
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hm	7. 22.02. 2021 - Importance of Chemicals as cleaning agents.
6	My soft we sorthan will good with
2	8. 23. 02. 2021 - Different type of Chemicals Canbe prepared
a	make mait to mondero / at labore
ga	q. 24.02.2021 - Hazardous nature of excess chemical Usage
a	word plant personal 186 9
ina	10. 25-02-2021 - preparation of Sanitizer
om;	11. 26.02.2021 - ptreparation of phenyl making
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3	12. 27.02.2021 - preparation of Surf (Surfexcel formula)
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pa	1. 15.02.2021 - Introduction to Home need Chemicals.
chin	2. 16.02-2021 - Different types of Chemicals used for
Lame	household purpose
a de	3. 17.02.2021 - How to handle the Home need chemicals
Jen'	4. 18.02-2021 - Common chemical composition Used 917
e.	Home need chemicals.
- the	5- 19-02-2021 - Importance of Chemicals as Germicides.
y = 1	6. 20.02-2021 Importance of Chemicals as Insecticides.
a	7. 22.02.2021 - Importance of chemicals as cleaning agents.
at lith	8. 23.02.2021 - Different types of chemicals can be prepared at lab
ù	9, 24.02.2021 - Hazardous nature of excess chemical wage
14	16. 25-02. 2021. preparation of Sanitizer
*	11. 26. 02. 2021 preparation of phenyl making.
the	12. 27.02.2021 - preparation of surf (surf excel formula)
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### NTR GOVT. DEGREE COLLEGE (W) MAHABUBNAGAR

Accredited by NAAC with 'B' grade Affiliated with Palamuru University

## CERTIFICATE

Certificate Id: 65/2020-2021

Date:22.02.2021

This is to certify that Dr/Mr/Mrs/Miss <u>K.BUSHRA BEGUM</u> of <u>MPC III Yr</u> has

participated from NTR Govt Degree College (W), Mahabubnagar in the Online

Training Programme on "MAKING OF HOME NEED CHEMICALS" Organised by Department

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