Department of Chemistry - Consultancy Service

Natural Mosquito repellent

2017-2018

Department of chemistry started consultancy service on (or) natural non-toxic mosquito repellent from the academic year 2015-16. This programme is helpful for creating the awareness among the people about the harmful effects of mosquito repellents and it provide the knowledge about uses of natural mosquito repellents.

Our department will give the information about the preparation of natural mosque to repellence with maximum cost.

Natural mosquito repellents can be prepared by using the simple intranets like 1) Neem oil

2) Camphor

Which are available in our home only.

As mosquito coils machines creams has harmful effects like

- ❖ A mosquito coil is equal to 100 cigarettes. The smoke coming out is 10 times more hazardous than the cigarette smoke.
- ❖ The machine repellents can be the cause of respiratory diseases like asthma sinus and bronchitis
- ❖ Those crams can be hazardous and may cause skin allergies and cancer.
- ❖ The blood seeking mosquitoes can be controlled by using the natural mosquito repellents.
- ❖ Our department provide the awareness to people about the preparation and uses of natural mosquito repellents.
- For the preparation of natural mosquito repellents we require
 - 1) Neem oil keep
 - 2) Camphor 3, 4 bales.
- ❖ We collect fresh need leaves from our college. Solae the need leaves in coconut oil and extracted Neem oil.
- ❖ To this camphor balls are added and filled in refill.
- ❖ Department sell the mosquito repellents to staff members and students and generated money.

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS) KOTHAPETA, VIJAYAWADA - 520 001

ACADEMIC YEAR: 2017- 2018

TITLE OF THE CONSULTANCY: Natural resosquito repellants.

| NO | DATE | NAME OF THE CONCERNED PERSON | AMOUNT PAID | SIGNATURE OF THE CONCERNED PERSON |
|----|--------|------------------------------|-------------|-----------------------------------|
| 1. | 2-2-18 | K.P.T. Vijage Bhaskon | 1001- Paid | oken |
| 2. | 3.2.18 | V. Ranga Baba | 100/- | V. Ranga Babry |
| 2. | 3.2.18 | D. Venkota Ras | 100/- | V. Ringa Babn |
| | 6.2.18 | Lebaka Srikanth | 100/ | Lsu. |
| 5, | 6.2-18 | A. Stinulais Ras | 100 | ASR |
| , | 6-2-18 | Pedapudi Srinivasa Ras | 1001- | P. SHIMMAR Raw. |
| ٠. | 8.2.18 | CH-Subba Ras | 1001- | CH-S-R |
| | 8.2.18 | M-Siva Kumar | 100/- | M88R |
| | 8.2.18 | K. Ramakrishne | 1001 | K-Rama Koush |
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| 36 | | | | |

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"Natural Mosquito Repellents"

Department of Chemistry

Academic Year: 2017-18





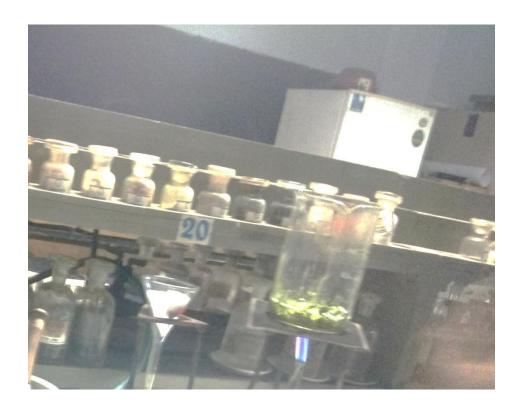
Neem Leaves

Camphor



Coconut oil

Extraction of Neem oil





Extraction of Neem oil



Filling process

"Natural Mosquito Repellents"

Department of Chemistry

Academic Year: 2016-17





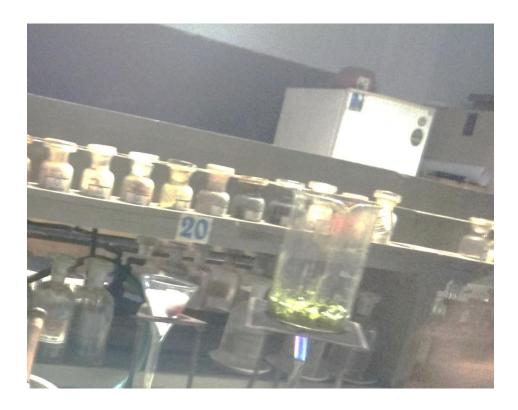
Neem Leaves

Camphor



Coconut oil

Extraction of Neem oil





Extraction of Neem oil

Filling process



KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS) KOTHAPETA, VIJAYAWADA - 520 001

ACADEMIC YEAR: 2016 - 2019

TITLE OF THE CONSULTANCY: Natural mosquito repellents.

| S.NO | DATE | NAME OF THE CONCERNED PERSON | AMOUNT PAID | SIGNATURE OF THE CONCERNED PERSON |
|------|----------|---|-------------|-----------------------------------|
| 1. | 03.01.17 | URVASI HPARTHENTS ABBURIVARI STREET, S-N-PURAH, VIJAYAWADA | 60 | D. Altrak |
| 2 | 5.01.17 | P Ravindra, Gannavaram, dno: 2-120, Krishna Dist | 60 | Zaindo |
| 3 | 7-01-17 | M. Yanini nadhulothapevi | 60 | M. Yannin |
| A. | 10.01-17 | R. Phan Leveza | 60 | As |
| 5 | 11.01.17 | P. Uma mahosame | 60 | Ama |
| 6. | 20.01.17 | A. Lavanya. | 60 | Flassa |
| 7. | 020 . 17 | A. Dhana latshhi | 60 | A. ghanalalethli |
| 8. | 03.02.17 | P. Esway Klinas | 60 | Esway kunay |
| 9. | 07.02.17 | I Rama Devi | 60 | Ri |
| 10. | 09.02.12 | B. Prasanna Singh | 60 | Pragama |
| 11. | 10.02-17 | R. Svi Naveen | 60 | Javeen. |
| 12 | 11.02.12 | Yasartha | 60 | Yayuitha. |
| 13- | 12:02 17 | Sollra Paui | 60 | Sahafani |
| 14. | 14.02.19 | R. V. Prased | 60 | Preses |

Total

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"Natural Mosquito Repellents"

Department of Chemistry

Academic Year: 2015-16





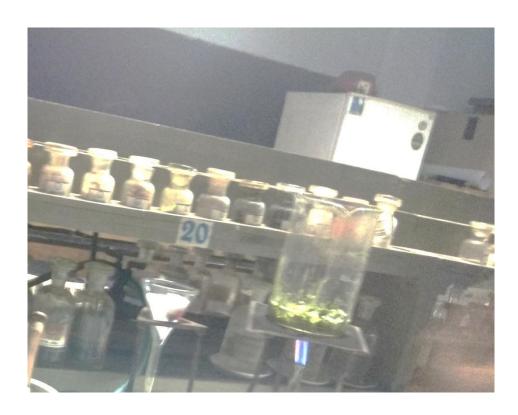
Neem Leaves

Camphor



Coconut oil

Extraction of Neem oil





Extraction of Neem oil

Filling process



KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS) KOTHAPETA, VIJAYAWADA - 520 001

ACADEMIC YEAR: 2015-2016

TITLE OF THE CONSULTANCY: Natural mos que to repellents.

S.NO DATE NAME OF THE CONCERNED PERSON AMOUNT PAID SIGNATURE OF THE CONCERNED PERSON

1 02.12.15 M.VEAKATA RAMANA 50 & Vintesta Paragra
2. 04.12.15 B. Grangowsthy 50 B. Cewarnsthy

3. 05.12.15 T. Kondale
4. 08.12.15 G. Prabhanan 50 G. Prabhanan
5. 10.12.15 k. J. Sarad.
6. 11.12.15 A. Sura tha 50 A. Sutatha
7. 12.12.15 Ch. Durja praSad 50 Ch. Durga praSad
8. 17.12.15 M.Addiah 50 M.R.S. Addiah

SO M.R.S. Addiah

SO M.R.S. Addiah

Total

400 1-

Department of Chemistry

Consultancy Service - Water Analysis 2014-2015

Department of chemistry started consultancy service on voluntary's from the academic year 2012-2013.

In this programme we analysis the water samples of different areas and provides the awareness on hardness of water.

The hardness of water is due the presence of dissolved salts of the and Mg. As hardness of water increases. The water is not useful for drinking and household purpose. The hardness of water also effect the growth metabolism of organisms like humans and fisher etc.

Our department analysis the hardness of water by using complex metric analysis for this we use EDTA as completing agent and ferrochrome back T is used indicator.

Our department analysis the PH values of different water samples of RO Systems given by the people by using PH Meter.

Our department analysis the water samples of given people at free of cost.

"Water Analysis"

Department of Chemistry Academic Year: 2014-15





KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

KOTHAPETA, VIJAYAWADA - 520 001

| | | ACADEMIC Y | EAR: 20/4-20/5 | | |
|--|--------------|------------------------------|----------------|-----------------------------------|--|
| TITLE OF THE CONSULTANCY: Water analysis | | | | | |
| S.NO | DATE | NAME OF THE CONCERNED PERSON | AMOUNT PAID | SIGNATURE OF THE CONCERNED PERSON | |
| 1. | 13.6.124 | M. lavernya | free consult | any of | |
| 8 | 17.7.14 | I-Rajya Lakshini | pres consulta | ney IRojya Lakaharin | |
| 3. | 17-7-14 | P. Mestleyalu | | ocy P Motheyalu. | |
| 4. | 1.8.14 | R Sita Mala Zatshmi | preconsulta | ry R. Sita | |
| 6. | 5.8 14 | A Naga mallelisant | | incy Ashayealine | |
| 6. | 6-9-14 | M. S. Radle Kroshin | pree consuba | | |
| Z. | 7.9.14 | R V Rama Rao | | y Rv Kamillao | |
| 8 | 30-10-14 | T. Bhogya Kuma | gree consul | lay Ageler | |
| 9. | 20 - 10 - 14 | T.N. V. Cwarnelat | Le pree consul | tus T. N. Swarna Latha | |
| 10 - | 21. 12.12 | A · Sujathat | | my Asmyothe. | |
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"Water Analysis"

Department of Chemistry

Academic Year: 2013-14







KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS) KOTHAPETA, VIJAYAWADA - 520 001

| ACADEMIC YEAR: 20 13 - 2014 | | | | | |
|--|------------|--------------------------------|----------------|--|--|
| TITLE OF THE CONSULTANCY: Water analysis | | | | | |
| S.NO | DATE | NAME OF THE CONCERNED PERSON | AMOUNT PAID | SIGNATURE OF THE CONCERNED PERSON | |
| 01. | 15 6 125 | M. Krishnamurthi, Vijayanada-1 | freeconultu | y, yr. krithananuthi | |
| 02 | 20 7.13 | B-Brosnikrisma, Vijayawa | free consulta | ny R. Sailbnishna | |
| 03 | 20 7.13 | T CHALA PATHI DO | free consulta | my st-chala Pathi Row | |
| 09 | \$ 8 12 | P. Rindia Vijaganista | preeconsulto | inco P. Pandu | |
| 05 | 6 . 9 . 13 | M Ranga has | free consulto | ing Il hamaa har | |
| 06 | 6 9 13 | G. Twala Purnima | | ency G. J. Paie | |
| OI | 22 10 13 | Ch. Satish kumar | gree consultar | | |
| 08 | 22 10 - 13 | K. Ashok Kum | ree consular | | |
| 09 | 21. 12.13 | A. Sinivey | Tree conso for | | |
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