DEPARTMENT OF CHEMISTRY - CONSULTANCY SERVICE

NATURAL MOSQUITO REPELLENT

Department of Chemistry started Consultancy Service on "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 provides 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:

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.

<u>2018-19</u>









Chemistry staff & Students preparing mosquito repellent

ACADEMIC YEAR: 2018-19 NAME OF THE DEPARTMENT: UG Cherrestony. TITLE OF THE CONSULTANCY: Mosqueto settlent BRIEF REPORT OF THE CONSULTANCY PROGRAMME: Dect repellents are important tools for prevention of insect-borne. deseases as well as painfull or, un comfodable in sect betes. Used for prevention of malarga, viral fevers. SIGNATURE NAME OF THE CONCERNED PERSON AMOUNT PAID S. No DATE 9-9-2018 K. SAST KOMAR 1001-K-Cari Lemal. N. Kaman Janupe 2-12-2018 5-12-2018 SK ShakiriZasha 1-1-2019 1001-Sk. Ameesha Bagam Sc. Ameerla 8-9-2019 22-3-249 k. V.L. Hariffel k.V.C. Harith 26-3-019 G. Srilaxmi 28-4-2019 Ch. Meghana 30-4-2019 A. Sai sowneys

Ch- Meghan

7001-

ACADEMIC YEAR: 2017-2018

TITLE OF THE CONSULTANCY: Natural reorquito repellents.

S.NO	DATE	NAME OF THE CONCERNED PERSON	AMOUNT PAID	SIGNATURE OF THE CONCERNED PERSON
1.	2-2-18	K.P.T. Vijaga Bhaska	1001- Paid	Ken
2.	3.2.18	V. Ranga Baby	100/-	V. Ranga Babry
3.	3.2-18	D. Venkota Ras	100/-	D.V.V.R.
4.	6.2.18	Lebaka Srikanth	100/	LSW
5.	6.2-18	A. Stinulais Ras	104	ASR
6.	6-2-18	Pedapudi Srinivasa Ras	1001-	P. Simirale Ray,
7.	8.2.18	CH-Subba Ras	1001-	CH-S-R
8	8.2.18	M- Siva Kumar	100/	MSSR
9	8.2.18	K. Ramakrishne	1001	K-Rama koush-
			Line Hall	

9001-

"Natural Mosquito Repellents"

Department of Chemistry

Academic Year: 2017-18





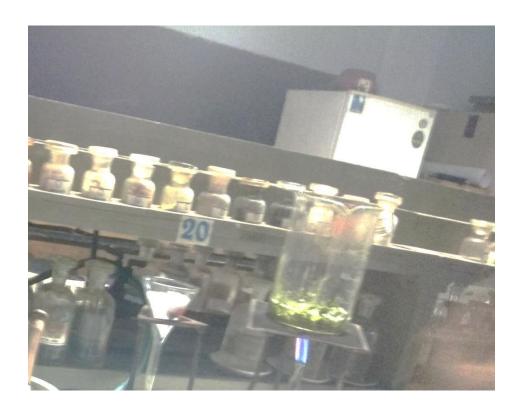
Neem Leaves

Camphor



Coconut oil

Extraction of Neem oil





Extraction of Neem oil



Filling process

"Natural Mosquito Repellents"

Department of Chemistry

Academic Year: 2016-17





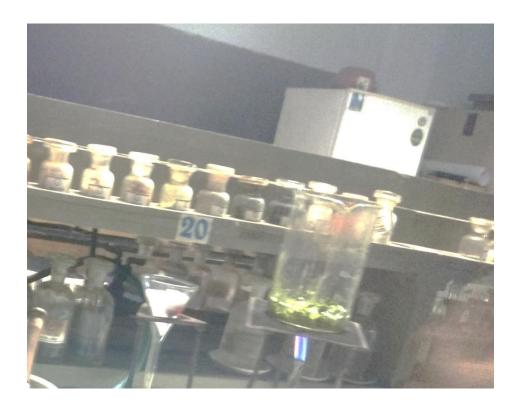
Neem Leaves

Camphor



Coconut oil

Extraction of Neem oil





Extraction of Neem oil

Filling process



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	Daindo
3	7-01-17	M. Yanini nadhulothapevi	60	H. Yannin
4.	10.01-12	R. Phan Deuga	60	dis
5	11.01.17	P. Uma mahrsaneu	60	Lina
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 Lumay
9.	07.02.17	I Rama Devi	60	Rt 1
10.	09.02.12	B. Prasanna Singh	60	Prasaura.
11.	10.02-19	R. Sri Naveen	60	Javeen.
12	11.02.12	Yasartha	60	Jagortha.
13-	12:02 17	Sollra Paui	60	Sasha Laui
14.	14.02.19	R. V. Prased	60	Presed

Total

8401-

"Natural Mosquito Repellents"

Department of Chemistry

Academic Year: 2015-16





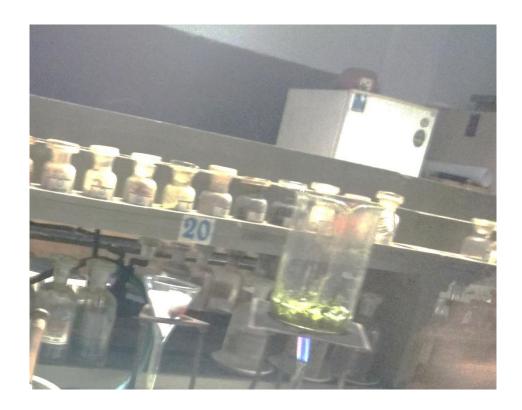
Neem Leaves

Camphor



Coconut oil

Extraction of Neem oil





Extraction of Neem oil

Filling process



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

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





		ACADEMIC Y	EAR: 20 /4- 20/5	
TTLE O	THE CONSULTAN	ICY: Water analysis	1	
S.NO	DATE	NAME OF THE CONCERNED PERSON	AMOUNT PAID	SIGNATURE OF THE CONCERNED PERSON
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8	17-7-14	I Rayga Lakshini	presensulto	ncy Ikajya haleshnir
3.	17-7-14	P. Mestleyale		ncy P Mothyalu.
4.	1 . 8 . 14	R Sita Mala Zakshmi	preconsulta	ry R. Sita
5.	5 - 8 14	A Naga mallelust	free consulto	incy Assayealine
6.	6-9-14	M. S. Radle Kroshi	Pree consuba	ys Rife
Æ.	7.9.14	R V Rama Rao	Free consult	ey R. V. Kamillao
8	30-10-14	T. Bhogya Kuma	gree consul	tay Deles
9.	30 - 10 - 14	Tin. N. Chornelat	le pree consul	tue T. N. Swarna Latha
10.	21. 12.12	A · Sujathat	free consul	lung Asmyather.

"Water Analysis"

Department of Chemistry

Academic Year: 2013-14







ACADEMIC YEAR: 20 3-2014					
TITLE OF THE CONSULTANCY: Water analysis					
S.NO	DATE	NAME OF THE CONCERNED PERSON	AMOUNT PAID	SIGNATURE OF THE CONCERNED PERSON	
01	15-6-12	M. Krishnamwithi, vijayanada-1	free consulfac	y, yr. Krishornamuthi	
02	20 7 13	B-Brosikrisma, Vijayamana	free consulta	ny R. Sailbhidha	
03	20 7.13	T CHALA PATHI DOG	pree consulta	ny st-chalatathi kao	
04	4 8 12	P. Parder Vijegensenter		inco P. Pandu	
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06	6 9 13	G. Twala Purnima		ency G. J. Pine	
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