

SMT.NPS GOVERNMENT DEGREE COLLEGE(W)
(Affiliated to S.V.University)
Reaccredited by NAAC with 'B'
Greampet, Vellore Road, CHITTOOR-517 002, ANDHRA PRADESH.

3.2.1 Institution has Created an Ecosystem for Innovations and has Initiatives for creation and transfer of knowledge (Patience filed, Published, Incubation centre facilities in the HEI to be consider).

INDEX

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Principal
Smt. N.P.S.Govt. College for Women
CHITTOOR-517002,(A.P.).

ABSTRACT

Sl.No.	Name of the Activity
1.	Patent
2.	Research Guideship
3.	MOOCs-Online Courses
4.	Ideation
5.	Industry-Institute Connect
6.	Community Service Projects
7.	Faculty Innovation and Knowledge Transfer

PATENT

Title: Nanomaterials composition for drug delivery and method thereof

Your Patent Application published successfully.

It was approved and published by the Indian Patent Office .

You may download all forms and documents related to your filing along with all proofs for your future reference.

Below are the details of the application

**Application Number:
202141056776, Published
Date-10/12/2021**

<https://ipindiaservices.gov.in/publicsearch>

 online status link

Click on the "Application Status" button

Application reference Number : Enter your application number

Enter the Application number and



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

Application Details	
APPLICATION NUMBER	202141056776
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/12/2021
APPLICANT NAME	1 . Dr. Y. Prashanthi 2 . Dr. B. Jagan Mohan Reddy 3 . Dr. S. Pulla Reddy 4 . Dr. Abhishek Gupta 5 . Mr. Suresh Ponnusamy 6 . Dr. A. Kanchanadevi 7 . Mrs. J. Laxmi Mangamma 8 . Mrs. G. Tejaswini 9 . Dr. P. L. Kishore 10 . Mrs.Pinninti Surekha 11 . Dr. J. Sai Chandra
TITLE OF INVENTION	Nanomaterials composition for drug delivery and method thereof
FIELD OF INVENTION	CHEMICAL

RESEACH GUIDESHIP

46

Annexure - 2

ANNAMALAI UNIVERSITY

(To be filled by co-supervisor (applicable for Part-time and Interdisciplinary research))

1.	Name of the Applicant	S. J. GUNJ B. GUNJ		
2.	Name of the Co-supervisor	DR. S. SHAMSATHAR		
3.	Date of Birth & Age	10-02-1969		
4.	Designation & Place of Work	Lecturer in Hindi, NPS Govt College (w) Chittoor		
5.	Contact Address with Phone/Mobile e-mail	NPS Govt College (w) Chittoor. 9440332704 shamsathar@gmail.com		
6.	Qualifications			
	Name of Degree	Specialization (major)	College and University	Month & Year of Passing & Class
	Ph.D.	Rajasekh KC	Gandhi gram	200
		Thatha Sahitya me	Rural University	2017
		me Nari Chaitanya	Dengal	April
		Madhura T. D.		
7.	Title of the Ph.D. thesis	Rajasekh KC Thatha Sahitya me Nari Chaitanya		
8.	No. of research papers published in accredited / indexed journals (enclose full list)	20		
9.	No. of books published / invited chapters contributed (enclose list)	NA		
10.	Total research experience (enclose details)	Years: 10 Months: 5		
11.	Positions held:	LECTURER		
	Name of Institution	From	To	
	NPS Govt College (w) Chittoor	2010	2016	
	G.D.C. Punganur	2016	2021	
12.	Subject / Discipline in which propose to guide the Ph.D. Scholar	NA	2021	Till date
13.	Whether already recognized as Ph.D. supervisor by any other institution, if so, give details.	NA		
14.	Total No. of candidates registered at present under you as co-supervisor at Annamalai University.	NA		

Signature of Co-Supervisor (if applicable)
Smt. NPS Govt. College for Women
CHITTOOR-517002.(A.P.),

Signature of the Head of Institution
Principal
Smt. NPS Govt. College for Women
CHITTOOR-517002.(A.P.),

MOOCs- Online Courses

					
SWAYAM ONLINE COURSE CERTIFICATION					
<i>This certificate is awarded to</i> I Sajani <i>for successfully completing the four credit course</i> ICT Skills in Education <i>with a consolidated score of 64%</i> <i>from the evaluation based on continuous online assessments and the proctored examination held in month of November 2019.</i>					
 Roll No. : 405100					
<i>This course was offered by Dr. Ismail Thamarasseri of University of Calicut</i>					
Marks in Online Assignments		Marks in proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	28	70	36	100	64
 J. B. Nadda National Coordinator Consortium for Educational Communication (CEC), New Delhi		 CEC		 Prof. (Dr.) M. Manoharan, Director, IQAC, and Coordinator of SWAYAM MOOC, University of Calicut, Kerala	
Issued On : 13/12/2019			To validate and check scores: https://swayam.gov.in		



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

K USHA SRI

for successfully completing the course

Entrepreneurship

with a consolidated score of **63** %

Online Assignments	13.97/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6475**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2022

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22MG81S54380931

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DR G USHA RANI

for successfully completing the course

Appreciating Carnatic Music

with a consolidated score of **72** %

Online Assignments	23.75/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **51**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Sep 2022

(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS86S13790167

To validate the certificate



No. of credits recommended: 2 or 3



Elite

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This certificate is awarded to

I SAJANI

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **63** %

Online Assignments	22.71/25	Proctored Exam	40.2/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **9572**

Pathish

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022

(8 week course)

Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S13790342

To validate the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

K USHA SRI

for successfully completing the course

Educational Leadership

with a consolidated score of **66** %

Online Assignments	13.33/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **817**

Jul-Sep 2022

(8 week course)

Debjani

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS109S13790425

To validate the certificate



No. of credits recommended: 2 or 3

Certi.No.IRCS/CTR/JYRC/2022/016



Indian Red Cross Society Chittoor District Branch

District Govt. Hqrs. Hospital Campus, Chittoor - 517001



Jean Henry Dunant
Founder of Red Cross

YOUTH RED CROSS

Certificate of Appreciation

This Certificate is presented to

P. SUREKHA, YRC Coordinator, Smt. NPS Govt. Degree College (W), Chittoor
in recognition of the best services in organizing Red Cross activities like Tree Plantation,
Health, Hygiene and observation of Important Events during the academic year 2021-22.

This Certificate presented on the occasion of **TEACHERS DAY 2022**

Date : 05/09/2022

Place : CHITTOOR (A.P)

A. Raghupathi
District Secretary



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

K USHA SRI

for successfully completing the course

Educational Leadership

with a consolidated score of **66** %

Online Assignments	13.33/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **817**

Jul-Sep 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



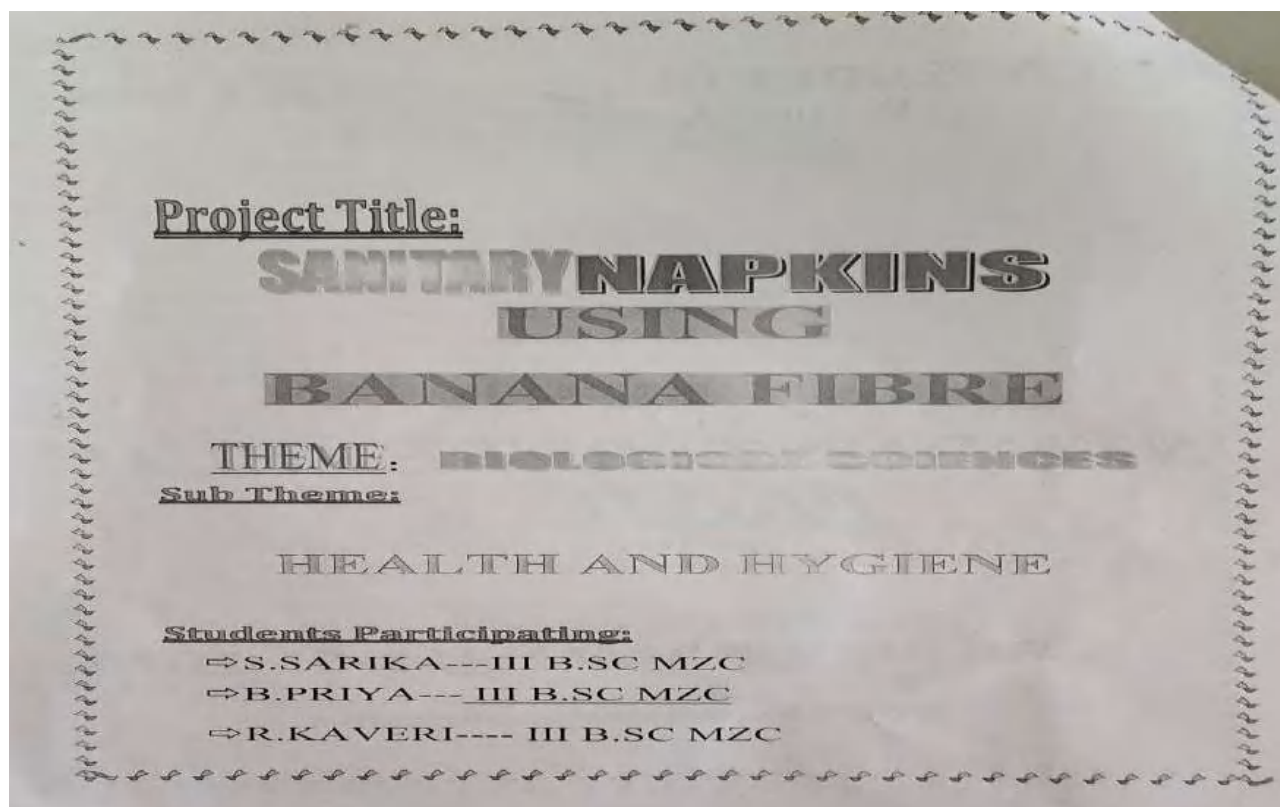
Indian Institute of Technology Kharagpur



Incubation Centre-Activities

Innovation Skills

Activity-1



**SMT.NPS GOVT.DEGREE COLLEGE FOR
WOMEN-CHITTOOR**

(Affiliated With NAAC- B Grade)



DEPT.OF CHEMISTRY

**STUDENT RESEARCH
PROJECT**

Presented in
DRC PROGRAMME(13-03-2020)

AT
PVKN GOVT.COLLEGE(A)-CHITTOOR

Hypothesis:

We have hostel for our college. Every month, our science madams used to conduct Health and Hygiene meetings under women empowerment cell. Most of the students came up with the issues faced during Menstruation like Dizziness, Rashes, Itching, UTI (Urinary Tract Infection), Pain Abdomen, Over bleeding etc.



To overcome these problems, they were maintained Menstrual Cycle records and referred gynaecologist with the help of women empowerment cell. The gynaecologist (Dr.Ramalaxmamma Garu)told that the Menstrual Hygiene is poor and suggested to change the Pad for every 6 hours.



And we got awareness about the Sanitary Pad. Our teachers collected the Menstrual History of every Hosteler. There upon we known about the defects of chemicals used in Sanitary Pads.And we have regular health check up programmes.

Data Collection and Analysis:

We need the information regarding the problems facing during the Menstrual Period for Women. For this we require information from women of different ages. They are categorized into adolescent girls, teenagers, women and menopause women.

Adolescent Girls are of age group 12-19. First, we discussed the problems with girl students of our College. Then we went to different classes. We visited BC,SC Hostels where our students living.



Collected information from sc hostel(Girls),NPS COLLEGE chittoor.



Collected informatio We spent some time with all the girl's students. And noted all the problems they are facing during this period. Some of them are using Cloth. others are using the present Sanitary Pads. Most of them given the following list of problems.

- ⇒ Itchiness, Rashes and Discomfort
- ⇒ UTI (Urinary Tract Infection)
- ⇒ Burning Sensation
- ⇒ Bad odour
- ⇒ Irritation
- ⇒ Irregular Periods
- ⇒ Pain Abdomen
- ⇒ Dizziness
- ⇒ Over bleeding and White Discharge
- ⇒ Vomiting's

Not only this, every year many pads are polluting our Environment. We consulted a Road Sweeper to know the problems facing while picking up the Dust from houses. He explained how discomfort he faces while picking up these pads and also dumping them. we went to Municipal Office of Nellimarla to know more about this issue. They gave the following list of issues.

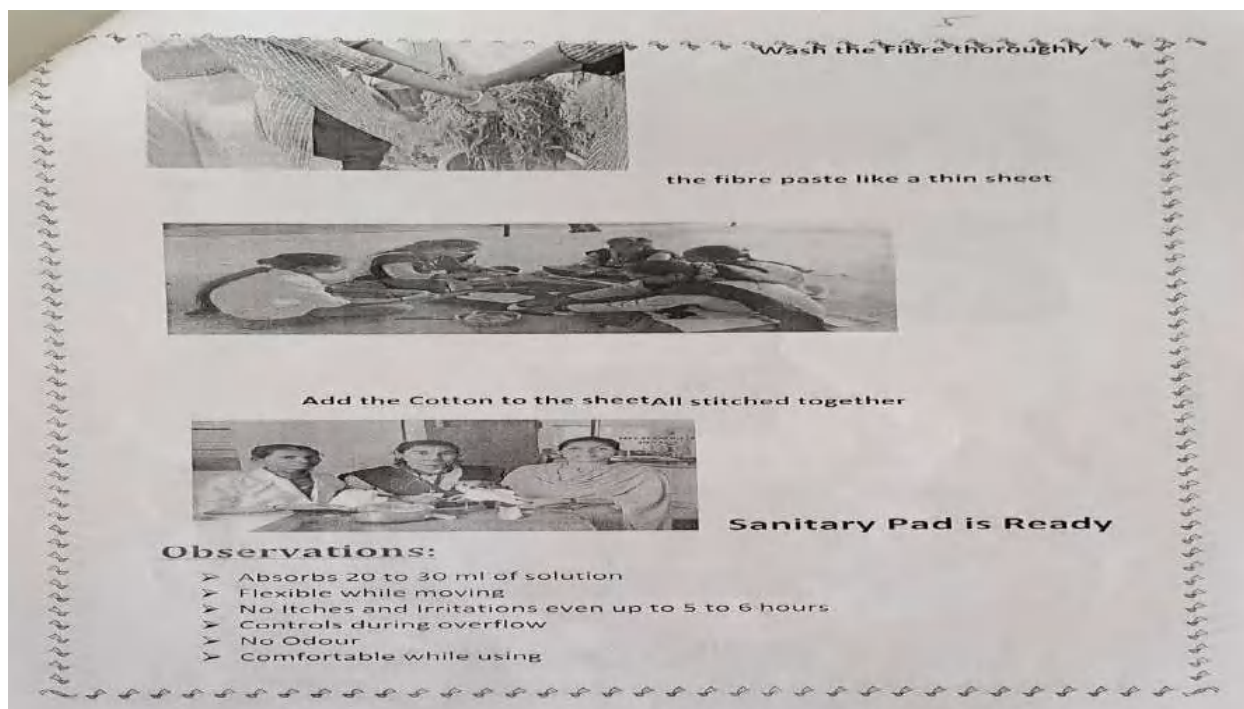
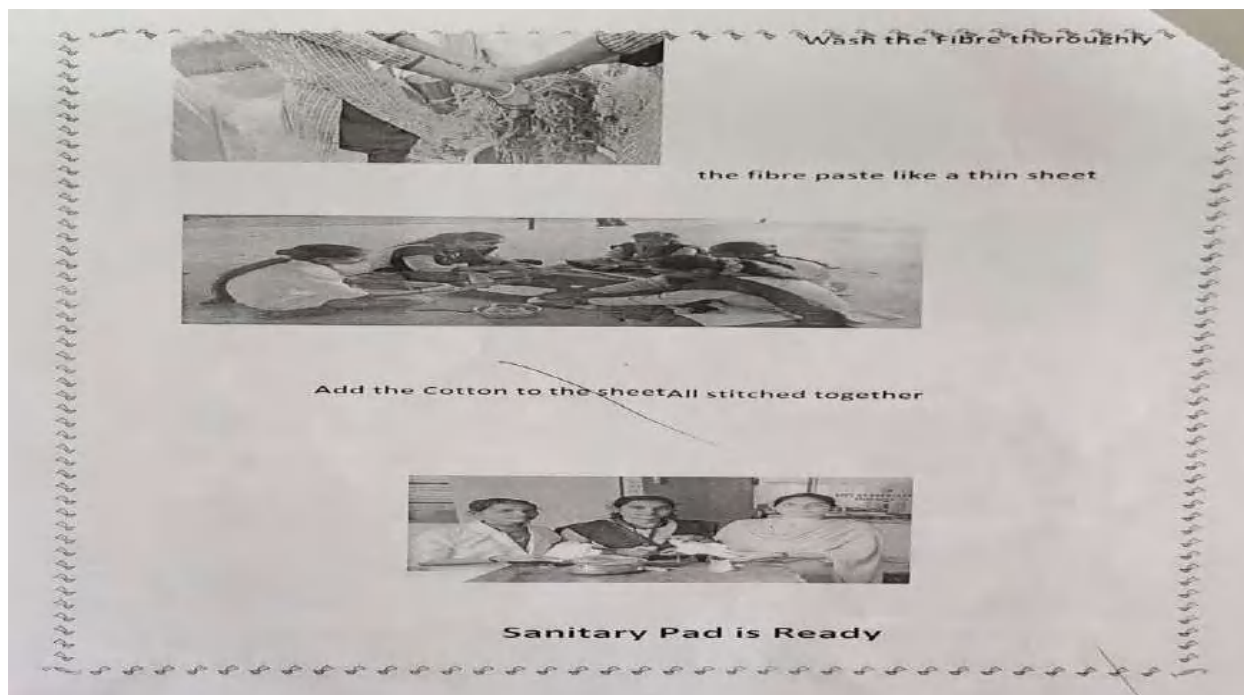
- ⇒ These Pads takes long time to decompose. Most of the Dumping area is filled with these Pads.
- ⇒ Many sweepers are feeling discomfort while collecting these Pads.
- ⇒ During daily wastage, used pads are collected mostly.
- ⇒ Few are kept to fire. The smoke released from it causes respiratory



problems.

Collected information from Road Sweepers while collecting Dust

This how we observed how chemicals are spoiling our health. And every solution is emerged in our nature. We have to learn how to use it and preserve it. Environment pollution is also a big problem for us. We can reduce the pollution for a small instant. Prevention is better than Cure.



- Cover the whole pad with calize tan.
- Now stitch the pad with needle and thread.
- Sterilize the Pad and apply the spray to prevent Bacterial Infection.
- Add a sheet with gum to the bottom of the Pad.
- Now this pad is ready to absorb 20 to 30 ml of bleeding.

Methodology:

According to the work plan, all the steps have been followed as shown in the fig.



Collecting Banana Stem



Cut the stem into pieces



Separate fibre from stem



Boiling pieces with Ash



Need of the Project:

As we discussed earlier, Sanitary pads are made up of Harmful Chemicals. These harm humans body as well as it decomposes so late. Every year lot of land fills with Sanitary Pads.

If we use Pads made with natural resources, then we can reduce many problems like:

- Improve Reproductive Functions
- Reduce Malfunctions of Thyroid
- To prevent Bacterial Infections like Toxic Shock Syndrome

Not only these, we can improve the Earth's Crust because it is Bio-degradable and takes less time to decompose. Instead of leaving all the Banana Trees after Harvest, we can recycle these trees for improving Hygienic life style.

Work Plan:

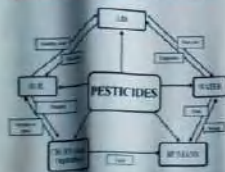
- Explaining the procedure of making Banana Fibre Sheet.
- Selecting the students for this project.
- List out the materials required for making Pad.
- Distributing the Work to the students.
- Collecting the Banana Tree Stem.
- Collecting the Fibre from these Pieces.
- Boiling this Fibre with Ash and sufficient water for Half an Hour.
- Washing the Fibre till Ash is cleared.
- Now cut the Fibre into small Pieces.
- Now grind the fibre.
- Now mix this paste with water.
- Now Spread this paste like a Thin Sheet.
- Dry it in Sun light for 1 to 2 days.
- Cut this dried sheet into the shape of Pad.
- Place the Cotton as the middle layer.

Smt.NPS GOVERNMENT COLLEGE FOR WOMEN-CHITTOOR

Qualitative analysis of pesticide / Insecticide residues in Fruits and vegetables by students practice "Green procedure"

Introduction: The intensive development of Agriculture to meet the demand of our growing world population. It is achieved by adopting new methods of farming by achieved by expensive use of fertilizers and pesticides. Because of their widespread use, stability, selective toxicity, Bioaccumulation, pesticides are among the most toxic substances contaminating the environment. They are particularly dangerous in Fruits and vegetables by which people exposed to them. It is therefore crucial to monitor pesticide residues in Fruits and vegetables using all available Analytical methods. In this context we discuss about the Qualitative analysis of pesticide residues in Fruits and vegetables by students practice "Green procedures".

Circulation of pesticides in environment:



Classification:



CHEMICALS IN YOUR SHOPPING

Foods that they have purchased

Bananas	97.88%
Apple	86.83%
Pineapple	81.33%
Grapes	78.33%
Avocado	50.63%
Red Grapes	40.83%
Guava	36.47%
Orange	21.83%
Guava	21.83%
Papaya	20.27%

Extraction of residues from fruits and vegetables:

1. We took Grapes, Brinjal, Tomato and Potato then cut them into small pieces separately.
2. Transferred the cut piece of various fruits and vegetables in mortar separately and crush them.
3. Took different beaker of each kind of fruits and vegetables and place the crushed fruit and vegetables in these beakers, and add 10ml of alcohol to each of them. Stirred well and filtered, collect the filtrate in separate china dishes.

4. Evaporated the alcohol by heating china dishes one by one over water bath and the residue dry in an oven.

Alternative Green chemical procedure: (Replacement of sodium metal by Zinc dust and sodium carbonate): we took small amount of intimate mixture of zinc dust and sodium carbonate (2:3) in ignition tube, heated strongly and to which small amount of above extracted residue added and again heated strongly up to red hot condition. The bottom part of the fusion tube is plunged into 5ml of distilled water takes in a mortar, ground well with the pestle and filtered. With the filtrate test for N is carried out as usual as in the case of Lassaigne's test.

References: J. Keith H.L., Gino U.L., Young L.J., "Green analytical methodologies", Chem Rev, 2007; 107: 2695-2708.

Test for Nitrogen: To the filtrate few ml of freshly prepared ferrous sulphate solution is added and warm the contents. Then, added few drops of dil. Sulphuric acid.

This test done with all the extracted residues.

Blue coloration is observed. This indicates presence of nitrogen.

S.NO	Name of fruit/vegetable	Test for presence of Nitrogen	Presence of Insecticide / pesticide
1.	Grapes	+	Yes
2.	Brinjal	+	Yes
3.	Tomato	+	Yes
4.	Potato	+	Yes

Conclusion: From the above experiment we conclude that the fruits and vegetable we consumed are free of Grapes, Tomato, potato and brinjal contain nitrogen containing insecticides and pesticides.

2. www.encyclopedia.com

3. www.wikipedia.com

Microbiology Activity-2

Antimicrobial Resistance: a global health challenge

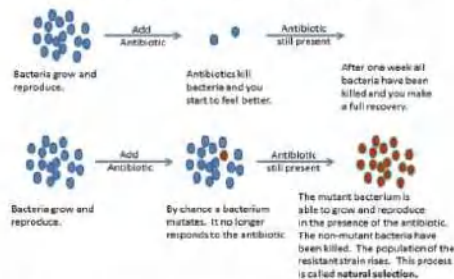
Sravani Nidamanuri¹, Praveena Kumari N²

¹ Department of Microbiology, smt. N.P. Savithamma Govt. College For Women (SSGCW), Chittoor

² Department of Microbiology, Government College for Women, Guntur

Antibiotics are the foundation on which modern medicine rests. The discovery of penicillin by Alexander Fleming revolutionised the field of medicine by reducing the deaths caused by infectious diseases. But, unfortunately as Alexander Fleming predicted, abuse of antibiotics lead to the emergence of multidrug-resistant organisms (MDROs). Alarmingly, in the last decade, Antimicrobial resistance (AMR) has become one of the greatest public health challenges of our time. Easily treatable infections like pneumonia, post-surgical infections and diarrhoea are increasingly becoming untreatable due to spread of MDROs. Particularly, continuous rise in multi drug-resistant tuberculosis (MDR-TB) serves as an model example for spreading of MDROs. Albeit the continual increase of MDR-TB cases only few are reported and fewer are treated. According to a WHO update¹, of the patients who started treatment in the year 2017 only 56% were successfully treated, while the mortality rate stood at an astounding 18%. Although the current outlook looks grim for certain pathogen which already mutated into MDR strains, we believe that it is not a formidable challenge to prevent the evolution of further MDR pathogens. Community based programs educating physicians plus programs initiated by the government, to better regulate antibiotics usage coupled with identification of MDR pathogens accurately can prevent the evolution of more MDR pathogens.

Evolution of antibiotic resistant bacteria



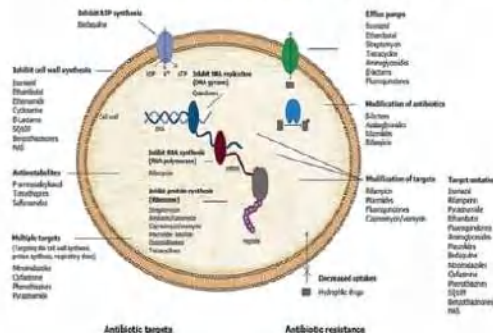
Multidrug resistant tuberculosis: A public menace

Caused by *M. tuberculosis* organisms resistant to at least one TB treatment drug

- Isoniazid (INH)
- Rifampin (RIF)
- Pyrazinamide (PZA)
- Ethambutol (EMB)



Mechanisms of action of antimicrobial drugs and ways by which mycobacteria become resistant to them



Antibiotic resistance, present and projected cases



Microbial resistance in India

Data collected at various hospitals during 2007-11 through clinical samples and microbiology analysis shows a high rate of resistance to most of the standard antibiotics.

Year	Location	Sample	Organism	Resistance rate to drugs
2007	India	500 blood samples	Staphylococcus aureus	94% resistance to most antibiotics
2007	India	200 blood samples	Staphylococcus aureus	92% resistance to most antibiotics
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New Delhi metallo-beta-lactamase 1 (NDM-1) an enzyme conferring drug resistance to Escherichia coli and Klebsiella pneumoniae

What is NDM-1?

- NDM-1 stands for New Delhi metallo-beta-lactamase, an enzyme produced by certain strains of bacteria that have recently acquired the genetic ability to make this compound.
- The enzyme is active against almost all antibiotics that beta-lactam ring like penicillins, cephalosporins, and the carbapenems.
- Bacteria that produce NDM-1 are resistant to

Global Alliance for Infections in Surgery best practices to combat antimicrobial resistance in surgery

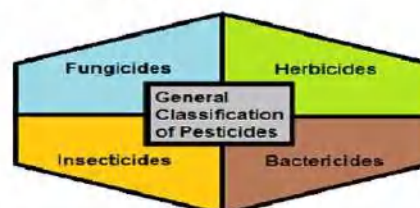
Follow locally developed antibiotic guidelines and clinical pathways	Enhance infection prevention and control	Control the source of infection
Prescribe antibiotics only when they are truly required	Prescribe appropriate antibiotics with adequate dosages	Reassess treatment when culture results are available
Use the shortest duration of antibiotics based on evidence	Educate staff how to use antibiotics wisely	Support surveillance of antibiotic resistance and antibiotic consumption

Qualitative analysis of pesticide / Insecticide residues in Fruits and vegetables by students practice "Green procedure"

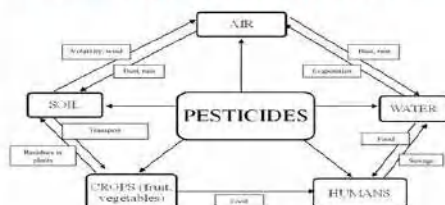
Introduction: The intensive development of Agriculture to meet the demand of our growing world population. It is achieved by adopting new methods of farming by achieved by expensive use of fertilizers and pesticides. Because of their widespread use, stability, selective toxicity, Bioaccumulation, pesticides are among the most toxic substances contaminating the environment. They are particularly dangerous in Fruits and vegetables by which people exposed to them. It is therefore crucial to monitor pesticide residues in Fruits and vegetables using all available Analytical methods. In this context we discuss about the Qualitative analysis of pesticide residues in Fruits and vegetables by students practice "Green procedures".



Classification:



Circulation of pesticides in environment:



Commerce Activity-3

Ideation-Consumer Rights



వినియోగదారుల హక్కులపై అవగాహన ముఖ్యం



వినియోగదారుల మెరుగైన విధానాలకు సంబంధించిన పుస్తకాన్ని అభివృద్ధిస్తున్న జేసీ గిరిషా

చిత్తూరు కలెక్టరేట్ : వినియోగదారుల హక్కులపై ప్రతి ఒక్కరూ అవగాహన కలిగి ఉండాలని జిల్లా జూయింట్ కలెక్టర్ గిరిషా అన్నారు. గురువారం స్థానిక ఎన్ఎస్ సాచిత్వం ప్రభుత్వ మహిళా కళాశాల ఆవరణలో జిల్లా పౌరసరఫరాల శాఖ అధ్యక్షులతో ప్రపంచ వినియోగదారుల హక్కుల దినోత్సవం నిర్వహించారు. ముఖ్యఅతిథిగా జేసీ మాట్లాడారు. ప్రతి వస్తువు గురించి వినియోగదారునికి సమాచారం అనేది ఉండాలన్నారు. కొనుగోలు చేసిన వస్తువులపై వినియోగదారులకు సప్లం, సమస్యలు కలిగితే జిల్లా వినియోగదారుల ఫోరంను ఆశ్రయించి న్యాయం పొందవచ్చన్నారు. ఆర్టికల్ కోడందరామిరెడ్డి మాట్లాడుతూ, నాణ్యతా ప్రమాణాలతో కూడిన సరుకులను వినియోగ

దారునికి అందించాల్సిన బాధ్యత వ్యాపారస్తులపై ఉండన్నారు. తాము కొన్న వాటిల్లో కల్తీ జరిగినట్లు గుర్తిస్తే వినియోగదారులు ఫోరంలో కేసు వేయవచ్చన్నారు. ఆహార పదార్థాల కల్తీ అడ్డుకట్ట వేసేందుకు అందరూ కృషి చేయాలన్నారు. అసంతకం మెరుగైన విధానాలకు సంబంధించిన పుస్తకాన్ని జేసీ అవిష్కరించారు. కార్యక్రమంలో జిల్లా వినియోగదారుల ఫోరం కొన్ని అధ్యక్షుడు రాజారెడ్డి, ఎస్పీకెమ్మ విశ్రాంత ప్రీన్సిపల్ స్వరాజులక్ష్మి, వినియోగదారుల సమాచార కేంద్ర కార్యదర్శి శ్రీనివాసులు, మహిళా కళాశాల ప్రీన్సిపల్ అనందకుమార్, పౌరసరఫరాల శాఖ అధికారిణి చాముండేశ్వరి, మేనేజర్ జయరాములు, అధికారులు, విద్యార్థులు పాల్గొన్నారు.



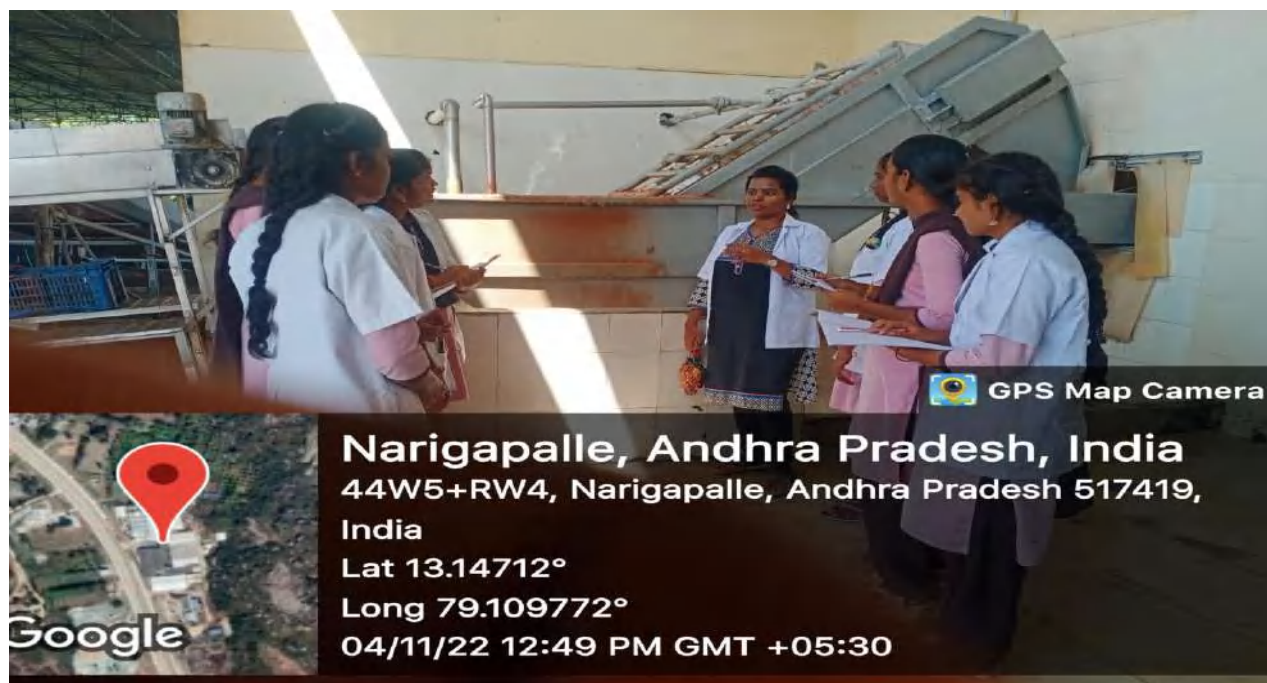
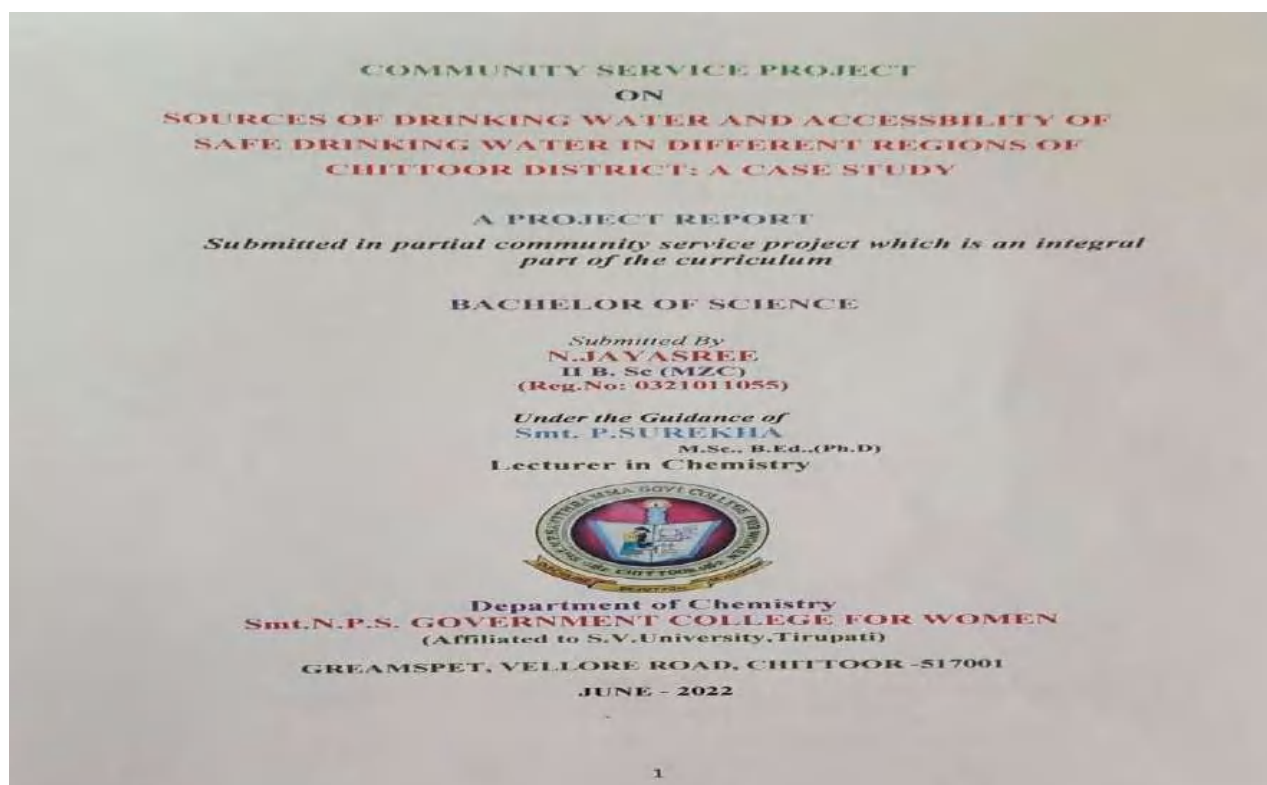
INDUSTRY-INSTITUTE CONNECT







COMMUNITY SERVICE PROJECT









day 2
 Date :- 26/12/2022
 Day :- Thursday
 Name :- velmuthyjan
 Age :- 34
 Gender :- Male
 Topic :- online purchases

S.N	Description
1.	which app's using
2.	purchase
3.	Advantages
4.	Disadvantages
5.	online purchasing

- ① online purchases is used
- ② Flipkart app's using the family
- ③ Jewellery, dress
- ④ saving time
- ⑤ No disadvantages

Smt. N.P.S. Govt. College for Women
Community Service Project

Name of the student :- G. Pavithra
 Name of the Mentor :- Dr. J. Rama Devi
 Name of the topic :- online purchases
 Date :- 25/6/22 Day - 1
 Day :- Wednesday

S.No	Description	
1.	Name	Rajeshwari
2.	Age	44
3.	Literatal not	9 th Literatal
4.	Qualification	9 th class
5.	Occupation	car Driving
6.	Gender	Female
7.	Religion	Hindu
8.	Caste	S.C
9.	No. of the family head	Rajeshwari
10.	No. of family members	5 members
11.	Earning member occupation	1 member
12.	Income status	75,000/-
13.	Ration card Holder	yes :- No :-
14.	Address	Ambedkar Nagar, Griens pad, Chittoor, S.No. 15-2813
15.	voluntary Name	Pavan
16.	Local Head	Purnima

A STUDY ON CONSUMER BUYING BEHAVIOUR TOWARDS ONLINE SHOPPING: SELECTED VILLAGE IN CHITTOOR DISTRICT

A PROJECT REPORT

Submitted in partial community service project which is an integral part of the curriculum

BACHELOR OF COMMERCE

Submitted By
G.MAMATHA
 II - B.Com.,(CA)
 (Reg.No: 0221011026)

Under the Guidance of
Dr.J.RAMADEVI,
 M.Com., M.Phil., Ph.D., PGDCA
 Lecturer in Commerce



Department of Commerce
Smt.N.P.S. GOVERNMENT COLLEGE FOR WOMEN
 (Affiliated to S.V.University,Tirupati)
 GREAMPET, VELLORE ROAD, CHITTOOR -517001

JUNE - 2022

Smt. N.P.S. GOVERNMENT COLLEGE FOR WOMEN
 (Affiliated to S.V. University, Tirupati)





SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR



DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district: A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayasree
- Course: BSCCMZC
- Semester: III Semester
- Name of the Participant: E. Arundha
- Gender/Age: Female/50
- Type of family & No. of members: small family / 2 members
- No. of employed persons: 1
- Monthly house hold income: 10,000/-
- Address of the locality: 5-259, Nirvanadri Street, Thotapalym, Sankhapet

Questionnaire on Drinking Water sources and accessibility

1. What are the sources of drinking water available in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~(e) Other~~
2. What is the main source of drinking water in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~(e) Other~~
3. Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~(e) Other~~
4. Is in your locality, the water is soft or hard?
(a) Hard ~~(b) Soft~~
5. How would you evaluate the quality of your drinking water?
It's clean and good quality
6. Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well (c) Water plant (d) Purifier ~~(e) Other~~
7. Do you use tap water as drinking water?
(a) Yes ~~(b) No~~
8. If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts



SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR



DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district: A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayasree
- Course: BSCCMZC
- Semester: III Semester
- Name of the Participant: M. Babyrani
- Gender/Age: Female/37
- Type of family & No. of members: small family / 2 members
- No. of employed persons: 1 (daily wages)
- Monthly house hold income: 3,000/-
- Address of the locality: 8-806/15, Nirvanadri Street, Thotapalym, Sankhapet

Questionnaire on Drinking Water sources and accessibility

1. What are the sources of drinking water available in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~(e) Other~~
2. What is the main source of drinking water in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~(e) Other~~
3. Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~(e) Other~~
4. Is in your locality, the water is soft or hard?
(a) Hard ~~(b) Soft~~
5. How would you evaluate the quality of your drinking water?
It's clean and good quality
6. Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well (c) Water plant (d) Purifier ~~(e) Other~~
7. Do you use tap water as drinking water?
~~(a) Yes~~ (b) No
8. If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts



SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR



DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district: A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayaraj
- Course: BSC (NFO)
- Semester: III Semester
- Name of the Participant: A. Mani
- Gender/Age: male / 62
- Type of family & No. of members: Small family / 2 members
- No. of employed persons: 1 (Daily wages)
- Monthly household income: 10,000/-
- Address of the locality: 8-506/5, Nivaranthi Street, Thotapalayam, Santapal, Chittoor

Questionnaire on Drinking Water sources and accessibility

1. What are the sources of drinking water available in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ☒ Other
2. What is the main source of drinking water in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ☒ Other
3. Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well (c) Water plant (d) Purifiers ☒ Other
4. Is in your locality, the water is soft or hard?
(a) Hard ☒ Soft
5. How would you evaluate the quality of your drinking water?
It's clean and good quality
6. Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well (c) Water plant (d) Purifier ☒ Other
7. Do you use tap water as drinking water?
(a) Yes ☒ No
8. If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts.





SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR



DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district": A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayasree
- Course: B.Sc (NZE)
- Semester: III Semester
- Name of the Participant: R. N. Ramala
- Gender/Age: Female / 45
- Type of family & No. of members: Small family & 3 members
- No. Of employed persons: 1 (Daily wages)
- Monthly house hold income: ₹ 5000/-
- Address of the locality: 8-787, Nivandhi street, Thatapalyam, Santhapet Chittoor

Questionnaire on Drinking Water sources and accessibility

1. What are the sources of drinking water available in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~for~~ Other
2. What is the main source of drinking water in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~for~~ Other
3. Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~for~~ Other
4. Is in your locality, the water is soft or hard?
(a) Hard ~~for~~ Soft
5. How would you evaluate the quality of your drinking water?
It's clean and good quality
6. Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well (c) Water plant (d) Purifier ~~for~~ Other
7. Do you use tap water as drinking water?
(a) Yes ~~for~~ No
8. If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts



SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR



DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district": A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayasree
- Course: B.Sc (NZE)
- Semester: III Semester
- Name of the Participant: C. Padma
- Gender/Age: Female / 38
- Type of family & No. of members: Joint family & 6 members
- No. Of employed persons: 1
- Monthly house hold income: ₹ 5,000/-
- Address of the locality: 8-783, Nivandhi street, Thatapalyam, Santhapet Chittoor

Questionnaire on Drinking Water sources and accessibility

1. What are the sources of drinking water available in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~for~~ Other
2. What is the main source of drinking water in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~for~~ Other
3. Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well (c) Water plant (d) Purifiers ~~for~~ Other
4. Is in your locality, the water is soft or hard?
(a) Hard ~~for~~ Soft
5. How would you evaluate the quality of your drinking water?
It's clean and good quality
6. Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well (c) Water plant (d) Purifier ~~for~~ Other
7. Do you use tap water as drinking water?
(a) Yes ~~for~~ No
8. If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts



SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR



DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district: A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayasree
- Course: BSC (NZE)
- Semester: III Semester
- Name of the Participant: R. Ponn
- Gender/Age: female / 43
- Type of family & No. of members: small family / 2 members
- No. of employed persons: 2 (daily wages)
- Monthly house hold income: 10,000/-
- Address of the locality: 8-782, Neevanadhi street, Thotapalym, Sankhapet, Chittoor

Questionnaire on Drinking Water sources and accessibility

1. What are the sources of drinking water available in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ☒ Other
2. What is the main source of drinking water in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers ☒ Other
3. Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well (c) Water plant (d) Purifiers ☒ Other
4. Is in your locality, the water is soft or hard?
(a) Hard ☒ Soft
5. How would you evaluate the quality of your drinking water?
It's clean and good quality
6. Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well (c) Water plant (d) Purifier ☒ Other
7. Do you use tap water as drinking water?
(a) Yes ☒ No
8. If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts



SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR



DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district: A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayasree
- Course: BSC (NZE)
- Semester: III Semester
- Name of the Participant: R. Prasanthi
- Gender/Age: female / 31
- Type of family & No. of members: small family / 4 members
- No. of employed persons: 2
- Monthly house hold income: 10,000/-
- Address of the locality: 8-782, Neevanadhi street, Thotapalym, Sankhapet, Chittoor

Questionnaire on Drinking Water sources and accessibility

1. What are the sources of drinking water available in your locality?
(a) Bore well (b) well ☒ Water plant (d) Purifiers (e) Other
2. What is the main source of drinking water in your locality?
(a) Bore well (b) well ☒ Water plant (d) Purifiers (e) Other
3. Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well ☒ Water plant (d) Purifiers (e) Other
4. Is in your locality, the water is soft or hard?
(a) Hard ☒ Soft
5. How would you evaluate the quality of your drinking water?
It's clean and good quality
6. Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well ☒ Water plant (d) Purifier (e) Other
7. Do you use tap water as drinking water?
(a) Yes ☒ No
8. If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts



SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR
 DEPARTMENT OF CHEMISTRY
 COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district: A case study

- Name of the mentor: P. Suresh Babu
- Name of the student: N. Jayashree
- Course: B.Sc. Chemistry
- Semester: IV
- Name of the Participant: M. Kalpana
- Gender/Age: female / 33
- Type of family & No. of members: small family 2 + 4 members
- No. of employed persons: 1
- Monthly house hold income: 30,000/-
- Address of the locality: 5 - 734, Nimmakota street, Thotapalyam, Sarthapeta, Chittoor (D)

Questionnaire on Drinking Water sources and accessibility

- What are the sources of drinking water available in your locality?
 (a) Bore well (b) well (c) Water plant (d) Purifiers (e) Other
- What is the main source of drinking water in your locality?
 (a) Bore well (b) well (c) Water plant (d) Purifiers (e) Other
- Apart from this, what would be the alternative source of drinking water?
 (a) Bore well (b) well (c) Water plant (d) Purifiers (e) Other
- Is in your locality, the water is soft or hard?
 (a) Hard (b) Soft
- How would you evaluate the quality of your drinking water?
 It's clear and hygienic
- Which of the following sources of drinking water does your household use?
 (a) Well (b) Bore well (c) Water plant (d) Purifier (e) Other
- Do you use tap water as drinking water?
 (a) Yes (b) No
- If you don't use your tap water as drinking water, what is the reason?
 Because the water contains excess of salts




SMT. N.P.S. GOVERNMENT COLLEGE FOR WOMEN, CHITTOOR


DEPARTMENT OF CHEMISTRY
COMMUNITY SERVICE PROJECT

TITLE OF THE PROJECT: Sources of drinking water and accessibility of safe drinking water in different regions of Chittoor district": A case study

- Name of the mentor: P. Surekha
- Name of the student: N. Jayasree
- Course: II BSc (N2C)
- Semester: III semester
- Name of the Participant: D. Selvi
- Gender/Age: Female/40
- Type of family & No. of members: Small family/2 members
- No. of employed persons: 2 c daily wages
- Monthly house hold income: 6,000
- Address of the locality: 8-786, Nivanadhi street, Thotapalyam, Chittoor

Questionnaire on Drinking Water sources and accessibility

- What are the sources of drinking water available in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers (e) Other ☒
- What is the main source of drinking water in your locality?
(a) Bore well (b) well (c) Water plant (d) Purifiers (e) Other ☒
- Apart from this, what would be the alternative source of drinking water?
(a) Bore well (b) well (c) Water plant (d) Purifiers (e) Other
- Is in your locality, the water is soft or hard?
(a) Hard (b) Soft ☒
- How would you evaluate the quality of your drinking water?
It's clean and good quality
- Which of the following sources of drinking water does your household use?
(a) Well (b) Bore well (c) Water plant (d) Purifier (e) Other ☒
- Do you use tap water as drinking water?
(a) Yes (b) No ☒
- If you don't use your tap water as drinking water, what is the reason?
Because, the water contains excess of salts

COMMUNITY SERVICE PROJECT

TITLE:
**"SOURCES OF DRINKING WATER AND
ACCESSIBILITY OF SAFE DRINKING WATER"**

QUESTIONNAIRES FOR SURVEY

Water cycle:



Health and pollution:

Water fit for human consumption is called drinking water or potable water. Water that is not potable can be made potable by filtration or distillation (heating it until it becomes water vapor, and then capturing the vapor without any of the impurities it leaves behind), or by other methods (chemical or heat treatment that kills bacteria). Sometimes the term safe water is applied to potable water of a lower quality threshold (i.e., it is used effectively for nutrition in humans that have weak access to water cleaning processes, and does more good than harm). Water that is not fit for drinking but is not harmful for humans when used for swimming or bathing is called by various names other than potable or drinking water, and is sometimes called safe water, or "safe for bathing". Chlorine is a skin and mucous membrane irritant that is used to make water safe for bathing or drinking. Its use is highly technical and is usually monitored by government regulations (typically 1 part per million (ppm) for drinking water, and 1–2 ppm of chlorine not yet reacted with impurities for bathing water).



USES OF WATER:

Water as a scientific standard, For drinking, Hygiene, Chemical uses, As a heat transfer fluid, Extinguishing fires, Water industry, Industrial applications Food processing, etc.

Smt. N.P.S. GOVERNMENT COLLEGE FOR WOMEN
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GREAMPET, VELLORE ROAD, CHITTOOR -517001



CERTIFICATE

This is to certify that this project entitled Sources of drinking water and accessibility of safe drinking water in different regions of chittoor district: A case study is a bonafied work done submitted by N.JAYASREE H B. Sc (MZO) (Reg.No: 0321011055) in fulfillment of the required community service project Bachelor of Science during the academic year 2021-22 the Department of Chemistry, Smt. N.P.S. GOVERNMENT COLLEGE FOR WOMAN, CHITTOOR.

L. Radhewar
Head of the Department

P. Suresha
Project Mentor
(P. SUREKHA)

Submitted on:

INTERNAL EXAMINER

EXTERNAL EXAMINER

K. Suresh MT2/22
G. Sub 14-07-2022

COMMUNITY SERVICE PROJECT
A STUDY ON POULTRY FORMING
Bachelor of Commerce
Submitted by
B. HEMAVATHI
Under the guidance of
G. ASHA
Lecturer in Commerce
Smt. N.P.S Govt Degree College (W), Chittoor



Department of Commerce
Smt. N.P.S Govt Degree College (W), Chittoor
June 2022

Smt. N.P.S. GOVERNMENT COLLEGE FOR WOMEN
(Affiliated to S.V. University, Tirupathi)
GREAMPET, VELLORE ROAD, CHITTOOR - 517001



CERTIFICATE

This is to certify that this project entitled **A STUDY ON FOUTRY FORMING** is a bonafied work done submitted by **BHEMAYATHI I B.B.A.** (Reg.No:0522011006) in fulfillment of the required community service project Bachelor of Commerce during the academic year 2021-22 the Department of Commerce, Smt. N.P.S. Government Degree College for women, Chittoor.


Project Mentor

External Examiners

2) 

Smt N.P.S GOVERNMENT COLLEGE FOR WOMEN
(Affiliated in S.V. University, Tiruapthi)
GREAMPET, VELLORE ROAD, CHITTOOR - 517001



CERTIFICATE

This is in certify that this project Entitled **A Study On Agricultural Products and Markiting** is a bonafied work done submitted by **S.H.TEJAVATHY II B.com (G)** (Reg.No:0221011081) in fulfillment of the required community service project Bachelor of Commerce during the academic year 2021-22 the Department of Commerce, Smt. N.P.S Government Degree College for women, Chittoor.


Project Mentor


External Examiners

COMMUNITY SERVICE PROJECT
A STUDY ON AGRICULTURAL PRODUCTS AND
MARKETING

Bachelor of Commerce

Submitted by
S.H.TEJAVATHY

Under the guidance of

Dr. N.SUSEELA BHARATHI

Lecturer in Commerce

Smt N.P.S Govt Degree College (W), Chittoor



Department of Commerce

Smt N.P.S Govt Degree College (W), Chittoor

June 2022

COMMUNITY SERVICE PROJECT
A STUDY ON AGRICULTURAL PRODUCTS AND
MARKETING

Bachelor of Commerce

Submitted by
A.SANTHOSHI

Under the guidance of

Dr. N.SUSEELA BHARATHI

Lecturer in Commerce

Smt N.P.S Govt Degree College (W), Chittoor



Department of Commerce

Smt N.P.S Govt Degree College (W), Chittoor

June 2022

Faculty Innovation and Knowledge Transfer





23:11 @ [Icons] SDC AND LSC BY CCE

GOVERNMENT OF ANDHRA PRADESH
COMMISSIONERATE OF COLLEGIATE EDUCATION

LIFE SKILL COURSES &
SKILL DEVELOPMENT COURSES

TOT @ GC(A), Anantapur

Smt. P Surekha(MT)
Lecturer in Chemistry
Smt NPS GDC(w), Chittoor
pinnintisurekha456@gmail.com

Learn more at <http://ccelms.ap.gov.in>

List of LSC and SDC courses: Semester-I		
S.No	Title of the LSC-SDC Courses	SEM
1	Human Values and Professional Ethics (HVPE)LSC	1 SEMESTER
2	Tourism Guidance	
3	Insurance Promotion	
4	Electrical Appliances	
5	Plant Nursery	
LSC courses: 1 and SDC courses: 4		

List of LSC and SDC courses : Semester-II		
6	Information and Communication Technology (LSC)	II SEMESTER
7	Survey & Reporting	
8	Social Work	
9	Business Communication	
10	Logistics & Supply Chain Management	
11	Solar Energy	
12	Dairy Techniques	
LSC courses: 1 and SDC courses: 6		

List of LSC and SDC courses: Semester-III		
13	Analytical skills (LSC)	

SDC AND LSC BY CCE

GOVERNMENT OF ANDHRA PRADESH
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Awards

ఘనంగా అంతర్జాతీయ మాతృభాషా దినోత్సవం



చిత్తూరురూరల్, ఫిబ్రవరి 21 ప్రభాతవార్త:

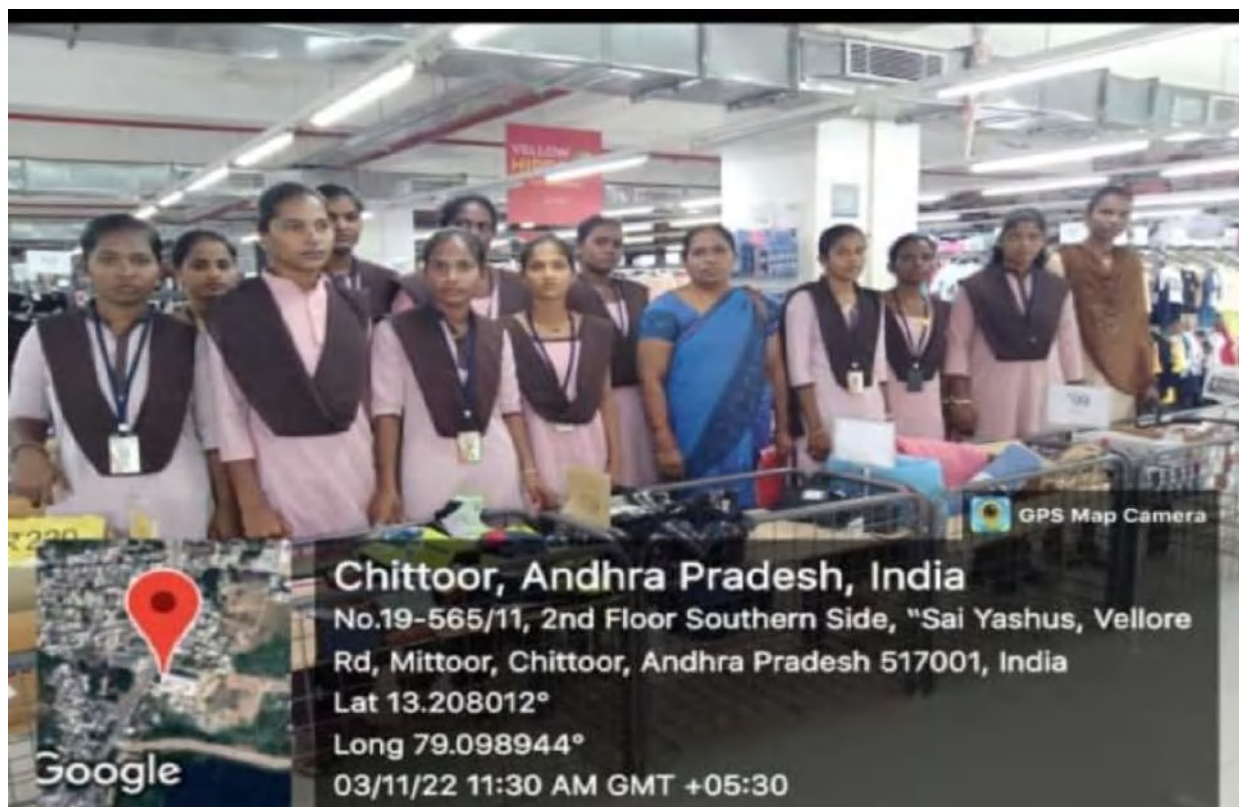
స్థానిక శ్రీమతి ఎన్ పి సామిత్తమ్మ ప్రభుత్వ మహిళా కళాశాలలో సోమవారం అంతర్జాతీయ మాతృభాషా దినోత్సవంను ఘనంగా నిర్వహించారు. ఈ సందర్భంగా అధ్యక్షత వహించిన కళాశాల ప్రిన్సిపాల్ మనోహర్, వైస్ ప్రిన్సిపాల్ నరేంద్రలు మాట్లాడుతూ విద్యార్థులు ఉన్నత పాఠశాల స్థాయి వరకు మాతృభాషా మాధ్యమంలో నేర్చుకుంటే విషయపరిజ్ఞానం పెంపొందుతుందని, తద్వారా ఉన్నత విద్యకు మాతృభాషా బోధన జేయూత నిస్తుందన్నారు. ఈ కార్యక్రమంలో తెలుగువిభాగాదిపతి డా.జి.ఉషారాణి, తెలుగు అధ్యాపకురాలు సజనీ, పాకాల ప్రభుత్వ కళాశాల తెలుగు విభాగాదిపతి డా.కె.ఈశ్వరకుమార్తోపాటు కళాశాల అధ్యాపకులు, విద్యార్థినులు పాల్గొన్నారు.



Tue, 22 February 2022

<https://epaper.vaartha.com/c/66388268>







ఘనంగా అంతర్జాతీయ మాతృభాషా దినోత్సవం



చిత్తూరురూరల్, ఫిబ్రవరి 21 ప్రభాతవార్త:

స్థానిక శ్రీమతి ఎన్.పి. సావిత్రమ్మ ప్రభుత్వ మహిళా కళాశాలలో సోమవారం అంతర్జాతీయ మాతృభాషా దినోత్సవంను ఘనంగా నిర్వహించారు. ఈ సందర్భంగా అధ్యక్షత వహించిన కళాశాల ప్రిన్సిపాల్ మనోహర్, వైస్-ప్రిన్సిపాల్ నరేంద్రలు మాట్లాడుతూ విద్యార్థులు ఉన్నత పాఠశాల స్థాయి పరకు మాతృభాషా మాధ్యమంలో నేర్చుకుంటే విషయపరిజ్ఞానం పెంపొందుతుందని, తద్వారా ఉన్నత విద్యకు మాతృభాషా బోధన చేయూత నిస్తుందన్నారు. ఈ కార్యక్రమంలో తెలుగువిభాగాదిపతి డా.జి.ఉషారాణి, తెలుగు అధ్యాపకురాలు సజనీ, పాఠశాల ప్రభుత్వ కళాశాల తెలుగు విభాగాదిపతి డా.కె.ఈశ్వర్కుమార్తోపాటు కళాశాల అధ్యాపకులు, విద్యార్థినులు పాల్గొన్నారు.



Tue, 22 February 2022

<https://epaper.vaartha.com/c/66388268>



సవ కవితా యుగ ప్రవర్తకుడు 'మహాకవి జాషువా'

చిత్తూరురూరల్, జూలై 24 ప్రభాతవార్త :



కవిత్వంలో సూక్ష్మప్రత్యామ్నాయ ఆవిష్కరణలు చేసిన మహాకవి జాషువా ఆధునిక కవితా యుగ ప్రవర్తకుడని ఎన్పీ సావిత్రమ్మ ప్రభుత్వ కళాశాల ప్రిన్సిపాల్ డా.కె.మనోహర్ పేర్కొన్నారు. స్థానిక సావిత్రమ్మ ప్రభుత్వ కళాశాల నందు శనివారం మహాకవి గుట్టం జాషువా వర్ణంతుని ఘనంగా నిర్వహించారు. తెలుగు ప్రొఫెసర్ జి.డిపారాజీ మాట్లాడుతూ మూఢాచారాలతో నిండిన ఏ సమాజంలో అపమానాలు పొందాడో, అదే సమాజంలో తన కవిత్వాన్ని ఆయుధంగా చేసుకొని సన్మానాలు పొందిన సామాజిక కవి జాషువా అని తెలిపారు. అలాగే కళాశాల విద్యార్థినులు జాషువా సాహిత్యం గురించి ప్రసంగించారు. ఈ కార్యక్రమంలో తెలుగు అధ్యాపకురాలు ఐ.సజనిలతో పాటు అధ్యాపక, అధ్యాపకేతర సిబ్బంది తదితరులు పాల్గొన్నారు.



Mon, 25 July 2022

<https://epaper.vaartha.com/c/69377922>



Smt.NPS GDC WOMEN CHITTOOR

II PHASE INTERNSHIP

02.11.2022 11:45

13.19554, 79.09472

4-1671/1, Durga Nagar Colony, Greampet, Greampet, Chittoor

ROLE OF CHEMISTS DURING COVID-19

Chemistry has a key role to play in understanding everything from viral structure to pathogenesis, isolation of vaccines and therapies, as well as in the development of materials and techniques used by basic researchers, virologists and clinicians.

Chemists contribute to COVID-19 treatments:

Collaboration in chemistry could lead to a cure for the virus. Charles River Chemistry Group Leader Paul Winship sees medicinal chemistry as cyclical in which drug test cycles feed forward by degrees and helping on the short-term motivation of making small changes to slow get through the changes ahead of you. His perspective is important for someone who works in the early stages of drug development where only a few of the projects he contributes to will go on to later stages.



The World is crying out for treatments while scientists like Paul are working under unprecedented conditions. They have lost the easy, in person communication that made working with coworkers. Paul's work can be done by computer, so since March 18th he has been home in Saffron Walden, UK instead in the offices and labs of Charles River's nearby site at Chesterton Park. No more quick check-ins with colleagues, no more lunch meetings or hallway questions or "when you get a minutes."

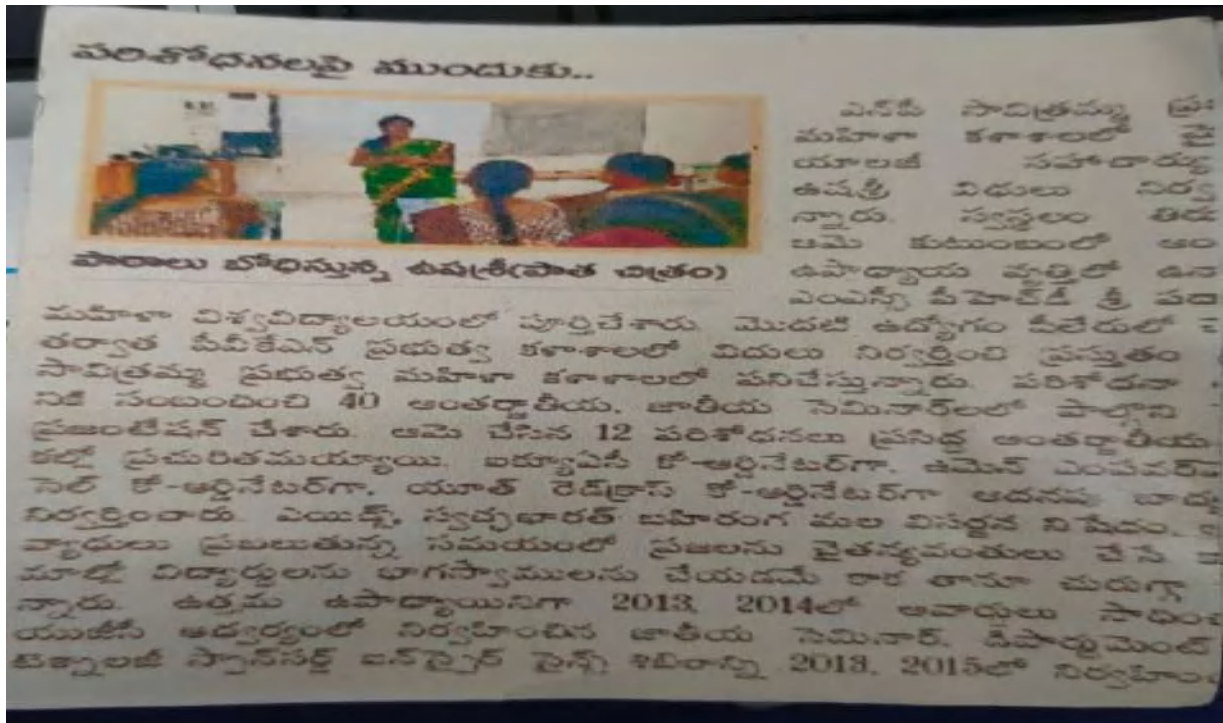
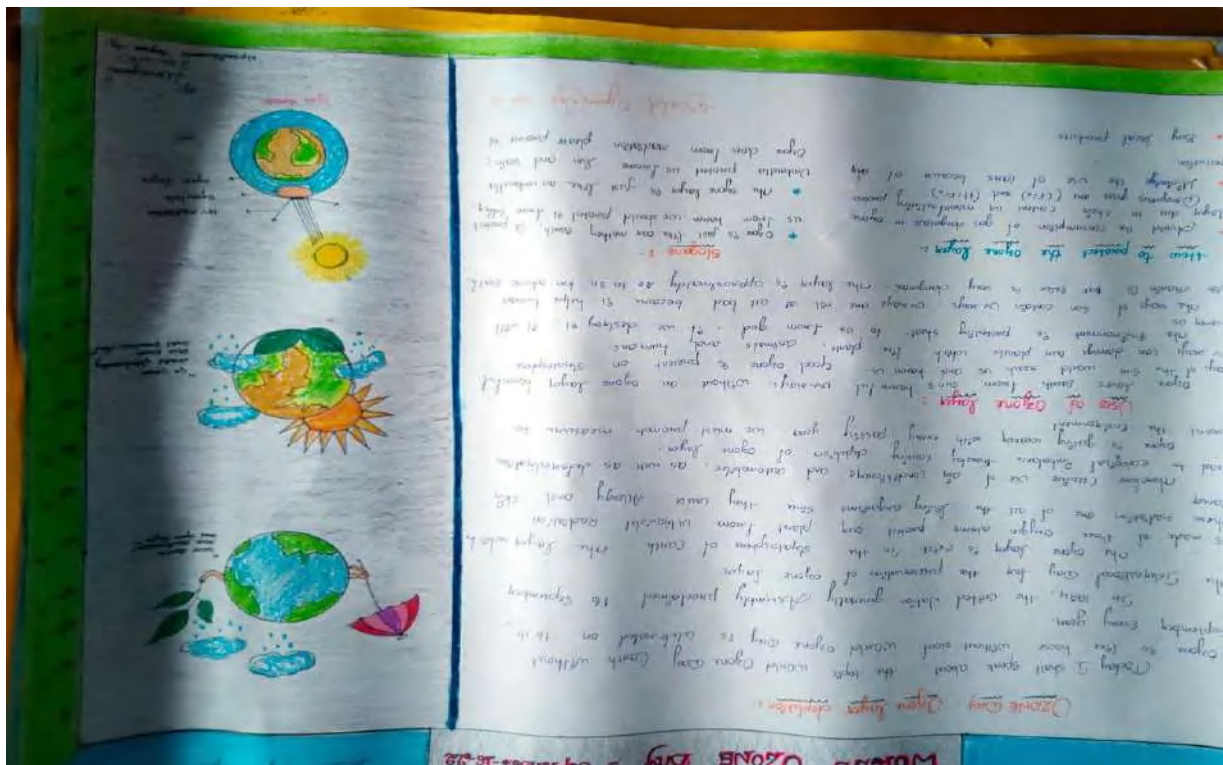
Diamond Light source, a synchrotron in the UK, and the medicinal chemistry company post Eva teamed up to search for possible COVID-19 treatments in March. Using the known crystal structure of the SARS-CoV-2 virus main protease that had been published by Chinese scientists in January, Diamond researchers began searching for molecular fragments that could bind to the protease. The hope is to find a compound that binds to this protease in order to disrupt the virus ability to infect host cells. After finding 66 potential active fragments, the two companies sent out a call to researchers around the world: "these fragments. Send us your best ideas for binding compounds."

"We put a small team of people together to start looking at the output from this fragment screen to come up with potential ideas." Paul said his was one of many labs that responded to what the companies involved called the COVID moonshot. Many, like Paul, who understand the numbers game that is early drug discovery, were quick to contribute their ideas. Paul and his team came up with twenty compounds to add to the growing pile of possibilities for the project.

V. Suresh
III BSc [M2C]















ఎన్ఎస్ఎస్ క్యాంప్ను ప్రారంభించిన ఆర్టీసీ చైర్మన్



ఎన్ఎస్ఎస్ క్యాంప్ను ప్రారంభిస్తున్న ఆర్టీసీ చైర్మన్

ప్రజాశక్తి -ఎన్ఆర్పురం : మండలంలోని 49 కొత్తపల్లిమిట్ట జిల్లా పరిషత్ ఉన్నత పాఠశాలలో చిత్తూరు సావిత్రమ్మ మహిళా కళాశాల ప్రిన్సిపాల్, అరవై మంది విద్యార్థుల ఆధ్వర్యంలో రాష్ట్ర ఎఫ్ఎస్ ఆర్టీసీ చైర్మన్ ఎం.సి. విజయానంద రెడ్డి నేషనల్ సర్వీస్ స్కీమ్ స్పెషల్ క్యాంప్ తొలి రోజు ప్రారంభించారు. కొత్తపల్లి గ్రామ పంచాయతీలో సోమవారం కొత్తపల్లి గ్రామం జిల్లా పరిషత్ ఉన్నత పాఠశాల నుండి కొత్తపల్లి గ్రామం, పరిసర ప్రాంతాల్లో ర్యాలీగా వచ్చి

ప్రధాన కూడలిలో మానవహారం నిర్వహించారు. ఈ సందర్భంగా ఎఫ్ఎస్ ఆర్టీసీ చైర్మన్ చైర్మన్ ఎం.సి. విజయానంద రెడ్డి మాట్లాడుతూ.... నేటి విద్యార్థులే రేపటి పౌరులుని, ప్రతి ఒక్క విద్యార్థి ఎన్ఎస్ఎస్ కార్యక్రమంలో భాగస్వామ్యం కావాలన్నారు. విద్యార్థులందరూ బాధ్యతగా క్రమశిక్షణతో నైతిక విలువలను పెంపొందించు కుంటూ సమాజ సేవ కోసం కృషి చేయాలని అన్నారు.

చిత్తూరు సావిత్రమ్మ డిగ్రీ కళాశాలకు ఎన్ఎస్ఎస్ ప్రోగ్రాం ఆఫీసర్ రుక్మిణి, కాలేజీ యాజమాన్యం మండలంలోని కొత్తపల్లి పంచాయతీలోని గ్రామాలలో ప్రజలకు అవగాహన కల్పించారు. ఈ కార్యక్రమానికి స్థానిక సర్పంచ్ డి.లైయ్య, మాజీ సర్పంచ్ విజయబాబు, ఎన్ఎస్ఎస్ కళాశాల ప్రిన్సిపాల్, పాఠశాల ప్రధాన ఉపాధ్యాయులు రాలు లలిత కుమారి, గోవిందరెడ్డి, కోటిరెడ్డి బాబు, కళాశాల సిబ్బంది విద్యార్థిని విద్యార్థులు పాల్గొన్నారు.