



Government Degree College (M), Srikakulam



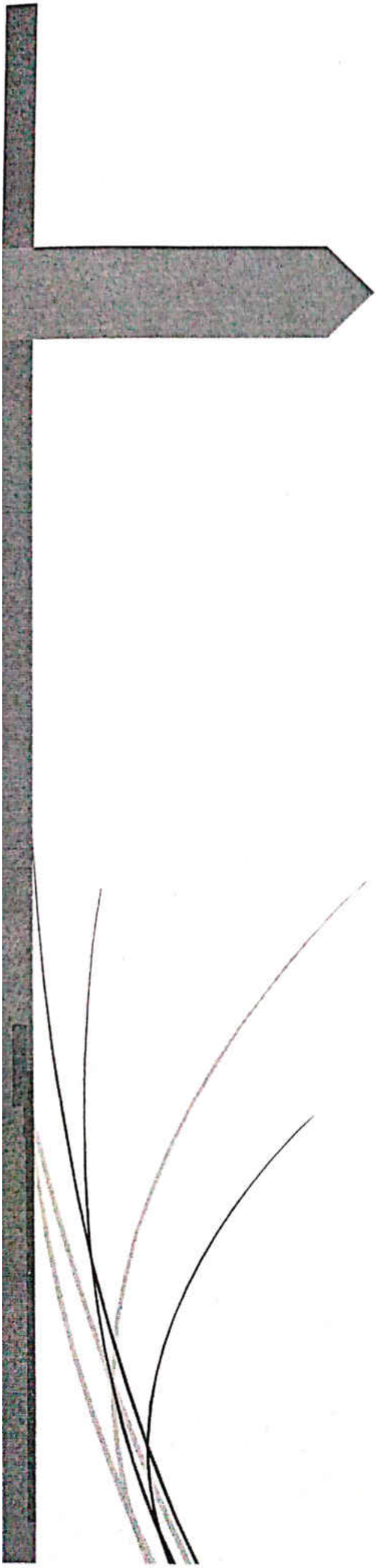
CSP Internal Assessment (2022-2023)

Name of the Student	Seepana Swathi	
Class & Year of Study	B.Sc B.T.Z.C (Sem-11) 2022-23	
Registered Mobile Number	9014349031	
Assessment Component	Max Marks	Marks Secured
1. Project Log	20	20
2. Project Implementation	35	35
3. Project Report	25	25
4. Presentation	25	25
Total out of 100	100	100

1. Signature of the mentor: 

2. Signature of the faculty of the same course: 

3. Faculty from the languages: 



Program Book

Community Service Project

**AP STATE COUNCIL OF HIGHER
EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)



Program Book for Community Service Project

Name of the Student: SEEPANA SWATHI

Name of the College: Government Degree college (Men), Srikakulam

Registration Number: 2222001123010

Period of CSP: 5 Weeks From: 12-05-23 To: 15-06-23

Name & Address of the Community/Habitation: Visakha 'A' colony - area
Srikakulam mandal
Srikakulam district
Andhra Pradesh state
pincode: 532001



Community Service Project Report

Submitted in accordance with the requirement for the degree of.....

Name of the College: Government Degree College [Men], Srikakulam

Department: Biotechnology

Name of the Faculty Guide: Sri. S. Ravi Babu

Duration of the CSP: From. 12-5-23 To 15-06-23

Name of the Student: Seepana Swathi

Programme of Study Testing of pH and TDS of water

Year of Study: 2022-2023

Register Number: 2222001123010

Date of Submission:

Student's Declaration

I, S. Senthil, a student of C.S.P. Program, Reg. No. 222210112319 of the Department of B.Sc. G.D. (Men), College do hereby declare that I have completed the mandatory community service from 12/5/22 to 18/5/22 in Vishal's Colony (Name of the Community/Habitation) under the Faculty Guidship of S. Ravi Babu, (Name of the Faculty Guide), Department of Zoology, in G.D. (Men), S.K.M. College

(Signature and Date)

Endorsements

Faculty Guide

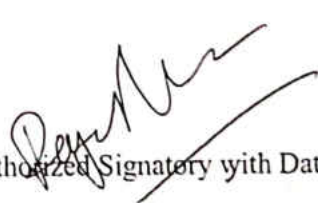
Head of the Department

Principal

Certificate from Official of the Community

This is to certify that S. Swathi..... (Name of the Community Service Volunteer) Reg. No 2222001123010 of G.D.C.(Men), Sklm Name of the College) underwent community service in Visakha 'A' Colony (area) (Name of the Community) from 12-5-23 to 15-6-23.....

The overall performance of the Community Service Volunteer during his/her community service is found to be Good..... (Satisfactory/Good).


Authorized Signatory with Date and Seal

ACKNOWLEDGEMENTS

First and foremost, praises and thankful to god, the Almighty for his blessings to complete the project successfully. I adore the Honourable chief minister of Andhra Pradesh who always craves for the welfare of the students of his state and who allocated a major share of the budget for education sector and who thinks in a novel way for taking the initiative to implement the community service project, as an integral part of NEP 2020.

I sincerely thank to Dr. Pola Bhaskar, Commissioner of collegiate education, Andhra Pradesh for his vision in implementing the education, Andhra Pradesh Community Service Project (CSP) in accordance with the NEP 2020 which gives the student hands-on experience to deal with the problems that confront him in his day to day life.

I am extremely grateful to the authorities of Dr. B. R. Ambedkar University, Srikakulam for their support. and I greatly appreciate the Dr. Shantidevi mam and Dr. R. Haritha madam for all guidance and support. I am grateful to Dr. Surekha, principal of Government degree college (men), Srikakulam for her relentless efforts in enlightening the students by conducting various workshops for effective implementation of this herculean project.

I am indebted to Dr. Sasi Bhushan lecturer in English and co-ordinator of community service project letting us know the importance of project and our mentor M. Pradeep, bringing out the project successfully. My gratitude is due to the in-charges of departments of biotechnology, zoology, chemistry for their supervision. I can't forget the kind cooperation and empathy of volunteer of Srikakulam city.

CHAPTER 1: EXECUTIVE SUMMARY

The community service report shall have only a one-page executive summary. It shall include a brief description of the Community and summary of all the activities done by the student in CSP and five or more learning objectives and outcomes.

Main Objectives Of the project :-

- Microbial Analysis of water.
- capacity building of the public in terms of creating awareness among the public about the microbial and pH analysis of drinking water.
- creating awareness in the mode of their drinking water sources.

The strategy adapted is to :-

- To identify a potential rural village as a target area.
- To promote awareness in microbial analysis of their drinking water.
- Identification and Review of their drinking water.
- Survey on the accessibility of the water sources.
- Survey on the utilization of the mode of drinking water.
- Generation and analysis of statistical data.
- Recommendations for maximum and effective mode of drinking water.

CHAPTER 2: OVERVIEW OF THE COMMUNITY

- About the Community/Village/Habitation including historical profile of the community/habitation, community diversity, traditions, ethics and values.
- Brief note on Socio-Economic conditions of the Community/Habitation.

Locality Name : Visakha 'A' colony

Mandal Name : Srikakulam

District Name : Srikakulam

State : Andhra Pradesh

Region : Andhra

Language : Telugu

Time zone : IST (UTC +5:30)

Elevation : 28 meters

Alternate village Name : Arasavalli

Telephone code : 08942

Correct time : 12:29 pm.

→ About Srikakulam (Visakha 'A' colony area) :-

- Visakha 'A' colony area is a small area in Srikakulam mandal in Srikakulam district of Andhra Pradesh state, India. It comes under Killipalem panchayat. It belongs to It is located 2.3 km towards east from district head quarters Srikakulam 8 km from Srikakulam. The pincode of Visakha 'A' colony is 532001. It is surrounded New colony, lbs colony, Balaga are nearby localities.

Demographics in Visakha 'A' colony :

Total population of visakha 'A' colony	3051
Males	1520
Females	1531
living houses	600
Total area of visakha 'A' colony	530 hectares

How to reach visakha 'A' colony :-

By Rail :-

Dusi railway station are the nearby railway station to visakha 'A' colony.

By Road :-

Srikakulam is 2.3 km from Visakha 'A' colony are connectivity is there from srikakulam to visakha 'A' colony.

By Bus:-

Srikakulam APSRTC bus station, Narasarpeta APSRTC bus station. APSRTC runs number of busses from major cities to here.

Schools of visakha 'A' colony :-

- visakha school
- Global international school.

Govt health centeres near visakha 'A' colony :-

- Balaga, RIMS hospital road.
- Mandal veedi, 25th ward Anganwadi center.
- Gunapalem, near DSP office.

CHAPTER 3: COMMUNITY SERVICE PART

Description of the Activities undertaken in the Community during the Community Service Project. This part could end by reflecting on what kind of values, life skills, and technical skills the student acquired.

Where we done community service project:-

* We choosed Visakha 'A' colony area to servey a part of community service project and we asked questions to the householders.

* We asked questions to households like :-

→ How they use water for drinking?

→ What are the sources of water for drinking?

→ Is there are any diseases comes from this drinking water?

Intervention project :-

The only way to provide effective care to

a huge number of people in need in India is through community participation, which can be achieved by creating awareness and disseminating information regarding the benefits available under various water resources to the citizen on how to know the purity.

And also this project served as bridge in between villagers and us through community participation. It will be principle source of information on water resources of rural population of Andhra Pradesh.

This survey lies in the ability to categorize the water microbial analysis, characteristics by many demographic and socioeconomic characteristics.

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	House surveyed Door No:- 13-24 / 13-22 / 1-69	Record of socio economic survey statistics.	S. Swathi
Day - 2	House surveyed Door No:- 3-13 / 19-3 / 18-58	Record of socio economic survey statistics.	S. Swathi
Day - 3	House surveyed Door No:- 17-15 / 12-6 / 12-1	Record of socio economic survey statistics.	S. Swathi
Day - 4	House surveyed Door No:- 12-13 / 17-13 / 12-3	Record of socio economic survey statistics.	S. Swathi
Day - 5	House surveyed Door No:- 16-9 / 6-69 / 19-10	Record of socio economic survey statistics.	S. Swathi
Day - 6	House surveyed Door No:- 14-3 / 16-1 / 16-3	Record of socio economic survey statistics.	S. Swathi

WEEKLY REPORT

WEEK - 1 (From Dt. 2.5.23. to Dt. 12.5.23.)

Objective of the Activity Done:

Detailed Report:

I visited and surveyed the houses of door numbers 13-24 / 13-22 / 1-69 for the recorded of socio-economic survey.

I visited the houses on the second day of door numbers 3-13 / 19-3 / 18-58 to survey their details for socio-economic survey.

I visited the houses on the 3rd day of door numbers 17-15 / 12-6 / 12-1 to survey the details.

I visited the houses on the 4th day of door numbers 12-13 / 17-13 / 12-3 to survey their details for the socio economic survey.

I visited the houses on 5th day of door numbers 2-49 / 6-69 / 19-10 to survey the socio economic survey.

I visited the houses on the 6th day of door numbers 14-13 / 16-1 / 16-3 to survey the socio economic survey.

ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	House surveyed Door No: 16-3 / 17-19 / 21-1	Record of socio Economic survey statistics.	S. Swathi
Day - 2	House surveyed Door No: 21-3 / 20-2 / 17-3	Record of socio Economic survey statistics	S. Swathi
Day - 3	House surveyed Door No: 17-4 / 18-3 / 19-4	Record of socio Economic survey statistics.	S. Swathi
Day - 4	House surveyed Door No: 18-5 / 18-18 / 18-1	Record of socio Economic survey statistics	S. Swathi
Day - 5	House surveyed Door No: 18-20 / 14-6 / 18-4	Record of socio economic survey statistics	S. Swathi
Day - 6	House surveyed Door No: 18-31 / 18-32 / 18-33	Record of socio economic survey statistics	S. Swathi

WEEKLY REPORT

WEEK - 2 (From Dt. 19-5-23 to Dt. 25-5-23)

Objective of the Activity Done:

Detailed Report:

On the first day of second week. I visited and surveyed the houses of door numbers 16-3/17-19/21-1 of Socio economic survey.

I visited the houses of door numbers 21-3/20-2/17-3 for survey their details.

I visited the houses of door numbers of 17-4/18-3/19-4 for survey their details.

I visited the houses of door numbers of 18-5/18-18/18-1 for survey their details.

I visited the houses of door numbers of 18-20/14-16/18-4 for survey their details.

I visited the houses of the door numbers on sixth day of the second week 18-31/18-32/18-33 to survey their details for the socio economic survey.

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	preparation of placards based on microbial analysis of Water.	preparatory work for creativity work.	S. Swathi
Day - 2	preparation of placards based on microbial analysis of Water.	Preparatory work for Creativity Work.	S. Swathi
Day - 3	preparation for meeting, rally and gathered, some people, we did rally in street 1	Preparatory work and creates the awareness among the Community.	S. Swathi
Day - 4	I gathered some people and did rally in street of 2.	Awareness among the community.	S. Swathi
Day - 5	I gathered some people and we did rally in the streets of 3 and 4.	Awareness among the community	S. Swathi
Day - 6	I gathered some people and did rally in street 5 and 6.	Awareness among the community	S. Swathi

WEEKLY REPORT

WEEK - 3 (From Dt. 26.5.23 to Dt. 1.6.23.)

Objective of the Activity Done:

Detailed Report:

→ For the first two days of Week-3. I prepared the placards, work for creativity work based on the "microbial analysis of water" for rally.

→ I gathered some people and we all did rally in street - 1 - 10 for creating awareness among the community on the third day.

→ On the fourth day, I gathered some people and did rally in street - 2 to create awareness among the community.

→ On the fifth day, I gathered some people and we all did rally on street 3 and 4 to create awareness among the community.

→ On the sixth day, I gathered some people and we will did rally in street 5 and street 6 to create awareness among the community.

ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	I interacted with the community people one on one in street - 1.	knowing about their problems	S. Swathi
Day - 2	I interacted with the community people one on one in street - 2.	knowing about their problems	S. Swathi
Day - 3	I interacted with the community people one on one in street - 3.	knowing about their problems	S. Swathi
Day - 4	I interacted with the community people one on one in street - 4.	knowing about their problems	S. Swathi
Day - 5	I interacted with the community people one ^{on} one in street - 5.	knowing about their problems	S. Swathi
Day - 6	I interacted with the community people one on one in street - 6.	knowing about their problems	S. Swathi

WEEKLY REPORT

WEEK - 4 (From Dt. 2-6-23 to Dt. 2-6-23...)

Objective of the Activity Done:

Detailed Report:

→ I planned this week for interaction so on the first day of fourth week. I interacted with the community people one on one of street-1 to know about their problems.

→ on the second day, I interacted with the community people one on one of street-2 to know about their problems.

→ on the third day, I interacted with the community people one on one of street-3 to know about their problems.

→ on the fourth day, I interacted with the community people one on one of street-4 to know about their problems.

→ on the fifth day, I interacted with the community people one on one of street-5 to know about their problems.

→ on the sixth day, I interacted with the community people one on one of street-6 to know about their problems.

ACTIVITY LOG FOR THE FIFTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Interaction with municipal officer on water resources with the people.	improve knowledge about water analysis.	S. Swathi
Day - 2	Interaction with grama volunteers of those people.	Awareness about microbial analysis of water.	S. Swathi
Day - 3	providing awareness to people about their drinking water resources.	Learning about the water analysis.	S. Swathi
Day - 4	Training the people to purify water before they drinking.	Learning about the natural mode of drinking water	S. Swathi
Day - 5	provided information about microbial analysis of their drinking water.	Awareness about govt. supplements of water.	S. Swathi
Day - 6	Giving information about the modes of drinking water at that area.	Awareness about microbial analysis of water.	S. Swathi

WEEKLY REPORT

WEEK - 5 (From Dt. 9.11.23 to Dt. 15.11.23.)

Objective of the Activity Done:

Detailed Report:

On the first day of week-5. I took the help of the researcher to tell the importance of water purifying with the community people.

On the second day along with the gram volunteer. We tried to let people know about the awareness of water analysis.

On the third day, I worked with educated people to interact with people who know all about the view of microbial analysis of water.

On the fourth day, I took the initiative to encourage the community members with head of the area for the awareness among the community people.

On the fifth day, with all the supporters together, I took the aim to personally make the people on different modes of drinking water.

On the sixth day, with all the supporters together. I took the aim - to personally make the people on different modes of drinking water.



GOVERNMENT DEGREE COLLEGE (M), SRIKAKULAM
COMMUNITY SERVICE PROJECT
SOCIO – ECONOMIC SURVEY

Name of the Student :

Group :

Registration Number :

Area of the Survey conducted:

House No.		Habitat /Ward		Panchayat /Municipality	
Post office		Mandal		District	

1. Household Details:

S.No.	Name of the Person	Gender M/F	Age	Education	Profession/ Employment	Income (Dally wage/Weekly/ Monthly)

2. Social Status details:

(i) Community: SC/ST/ BC-A-B-C-D/ OC (ii) Sub-Caste: (iii) Religion:

3. Economic Status details:

(i) Type of House: Hut/ Semi Pucca/ Pucca/ Apartment/ Bungalow

(ii) House status (Own/ Rented):

(iii) Drinking Water facility: Well/ Bore-well/ Govt. Tap connection

(iv) Availability of Agricultural land: Yes/ No

(v) Extent of Agricultural land: _____ Acres

(vi) Livestock resources: Cows _____ Oxen _____ Buffaloes _____ Sheep/Goats _____

(vii) Do you have own toilet? Yes/No

(viii) Type Cooking fuel used: LPG/Kerosene/ Wood/ others specify _____

(ix) Do you have white Ration Card? Yes/No

(x) Do you have vehicle? Two-wheeler/ Auto/ Car/ Any other vehicle

4. Health Details:

(i) Allments In family:

(ii) Treatment In which Hospital: Govt/Private

(iii) Any PWD Persons In family: Yes/No

S.No.	Name of the Person	Gender	Age	Nature of Disability

(iv) Do you have Govt. Arogya Sri Card: Yes/No

5. Other Details:

(i) Do You have TV: Yes/No

(ii) Do you have Mobile: Yes

(iii) Mobile Number:

(iv) Do you have Computer/Laptop: Yes/No

(v) Is internet available at home: Yes/No

6. Any specific problems Identified in the village/ Ward:

(i)

(ii)

(iii)

Place:

Date:

Signature of the Student

Signature of the Mentor



No	Name of the House holders	Age	Gender	Aadhar number	Phone Number	Education	Caste	Religion	Job	source of	Door no.
									Govt/Prlv/Bussl	drinking water	
1	p.ravindranath	49	M	4616 1501 8594	9441259907	degree	oc	hindu	business	municipal water	13-21
	p.venkataratnam	42	F	7179 2049 0711	9394687099	10th			house wife		
	p.girish	21	M	7651 4378 0187	948068493	B.tech					
	p.harshitha	17	F	7364 6374 9348	-	8th					
2	p.Srinivasa rao	52	M	4852 4360 5809	9440115855	10th	oc	hindu	bussiness	municipal water	13-20
	p.padmavati	42	F	7012 4035 3819	951507460	10 th			house wife		
	p.naveen	17	M	6521 0588 4971	-	5 th			studying		
3	k.Ammanamma	61	F	4377 3545 1903	8942358917	5 th	BC-A	hindu	-	municipal water	1-169
	k.Anand Kumar	34	M	5725 5566 2913	9701547543	B.tech			soft ware		
	k.Rajeev Kumar	31	M	4194 8449 5567	9618855881	M.tech			sachivalayam		
4	CH.Rama Rao	68	M	4259 7316 5583	9014626524	10 th	BC-A	hindu	Rtd.police office	municipal water	13-3
5	S.Manmadha Rao	50	M	6724 6387 9659	9542030955	inter	BC-D	hindu	business	municipal water	19-1
	S.Sujatha	42	F	6666 3578 5751	9573466039	10th			house wife		
	S.harika	19	F	3432 8385 8816	9030228868	degree			studying		
6	M.laxmi	50	F	2928 0684 8177	9502198806	5 th	BC- A	hindu	Retd.officer	bore water	18-58
	M.chiranjeevi	33	M	2029 8000 7667	9167766236	inter			merchant navy		
	M.venkatesh	26	M	2410 1589 8606	7793938821	M.tech			soft ware		
7	S.Rama Raju	30	M	7910 7914 4465	9701446787	10 th	BC-A	hindu	merchant navy	bore water	17-15
	S.Padma	25	F	9267 3843 6993	7702166792	10 th			house wife		
8	M.Sudhakar Rao	39	M	3316 4360 9083	9701446787	M.sc B. ed	BC-A	hindu	private	municipal water	12-6
	M.Netra sri	29	F	9998 4665 2110	7702166792	Degree,diet			house wife		
	M.Avika	8 mon	F	-	-	-			-		
9	D.Kavitha	43	F	3111 0071 8441	9573576250	Degree	BC-D	hindu	house wife	municipal water	1-Dec
	D.Reshma	14	F	8762 5649 4123	-	10 th					
	D.Keerthi	7	F	8850 5601 2273	-	2 nd					
10	G.Durga Prasad	49	M	4347 2979 7598	9492888688	Degree	BC-A	hindu	private	bore water	13-Dec
	G.Archana	39	F	4941 4155 5965	9492266889	M.A			jr.professor		
	G.Sri ram	15	M	8695 6998 5941	-	inter			studying		
11	I.venkataramana	65	M	6293 6905 7740	6302785546	10 th	BC-D	hindu	business	bore water	17-13
	I.suryakumari	60	F	6373 4735 1571	-	5 th			house wife		
	I.charkadara	38	M	2610 4928 9637	9848616738	10 th			business		
12	CH.veerabadra	35	M	5896 4977 1567	8919118340	M.sc B.ed	BC-B	hindu	private	municipal water	12
	CH.Anuradha	21	F	2423 5246 8040	9494201477	10 th			house wife		
	CH. lakshmi	2	F	-	-						
13	P.Suryanarayana	56	M	7322 8440 2683	9441468011	M.A	BC- D	hindu	business	municipal water	16-1
	P.Eswaramma	54	F	6499 2818 7392	-	8 th			House wife		

14	K. Prasad	60	M	2276 0074 3301	9950094748	B.com			music teacher		
	K. Geetha Rani	50	F	2748 0048 4786	9967895559	Degree	OC	hindu	house wife	municipal water	6-69
	K. Uday Bhaskar	27	M	3022 7818 0868	9491365389	P.G			private		
15	G. Naidu	33	M	6763 2866 0338	8292199991	ITI	BC-D	hindu	private	municipal water	6-70
	G. Laxmi	27	F	8188 9942 2672	8985481654	inter			house wife		
	G. Vignasri	10	F	8900 5057 1758	-	6 th			studying		
16	S. pedmalochana Rao	57	M	3507 8886 3962	9491810226	Degree	BC-A	hindu	govt job	municipal water	19-3
	S. Vahini	47	F	2923 5635 6416	9490346794	10 th			house wife		
	S. Rakesh	26	M	4825 4721 5052	9347350673	B.tech			govt job		
	S. Sudheepa	21	F	4729 7215 2383	7702136639	M.B.B.S			Studying		
17	M. Shiva Prasad	50	M	6820 1841 1708	9440115727	9 th	BC-D	hindu	Business	bore water	14-2
	M. Swapnalatha	35	F	9318 6303 1697	9390537077	9 th			house wife		
	M. Sai Tharun	20	M	8955 4244 5185	8867890496	B.tech			studying		
18	M. Jagarao	70	M	7646 1090 4299	9550540054	10 th	BC-A	hindu	Rtd govt office	bore water	16-2
	M. Satyavathi	59	F	6776 5593 6494	-	5 th			house wife		
	M. Krishna Chaitanya	32	M	8137 1735 7395	9989833002	Degree			unemployment		
19	Y. Appalanaidu	52	M	2368 1828 3726	8247786658	B.sc B.ed	BC-D	hindu	govt job	bore water	16-3
	Y. Saradanaidu	47	F	5234 7191 5763	9110518336	10 th			house wife		
	Y. Haritha naidu	23	F	7979 4380 5763	9501005363	B.tech			studying		
20	U. Kurmaiah	65	M	3969 4307 77898	8328053078	Degree	BC-D	hindu	Rtd.govt job	bore water	17-19
	U. Jagadeeswari	54	F	7173 1701 7334		inter			house wife		
21	P. Rajeswari	45	F	4050 7910 6607	7032406362	3 rd	BC-D	hindu	house wife	municipal water	21-1
	P. sai kiran	24	M	2019 2251 0670	8074923312	10 th			private job		
22	K. Yedukondalu	54	M	5845 9250 9770	967645917	M.Sc	OC	hindu	private job	municipal water	20-3
	K. Udayalaxmi	49	F	5633 8689 7323	9248781132	M.Sc			private job		
	K. Sravya Laxmi	7	F	9820 5221 2067	-	3 rd			studying		
23	K. Parvateeshnam	61	M	8095 3065 9614	7382922625	10 th	BC-B	hindu	govt job	municipal water	20-1
	K. Ratnam	50	F	6840 3969 8096	7093471383	5 th			house wife		
24	M. Rama Rao	53	M	8435 8592 6760	9494000999	10 th	BC-A	hindu	business	bore water	18-4
	M. Suryamma	42	F	9196 3428 5729	9440121447	5 th			house wife		
	M. Narmada	18	F	4287 7960 4827	798959662	Degree			studying		
	M. Sai	12	M	3783 8575 4597	-	8 th			studying		
25	M. Sri Ram	45	M	9340 6853 4325	7710906717	inter	BC-A	hindu	Navy	bore water	18-7
	M. Devi	29	F	8804 0484 3601	759382535	10 th			house wife		
	M. Gayatri	10	F	4872 0697 4827	-	5 th			studying		
26	M. Neelamma	75	F	2313 5926 7797	-	-	BC-A	hindu	house wife		18-5
	M. Bhaskar	49	M	8243 1034 5869	9398995161	inter			Business		

27	K.Rangarao	37	M	5683 2914 6268	7893392777	M.A B.ed	BC-A	hindu	private job	bore water	18-18
	K.Ravanamma	29	F	3278 2978 9987	9490935457	10 th			house wife		
	K.Jhonmojesh Raj	11	M	3919 7286 1177	-	6 th			studying		
28	K.Nageswari	46	M	4874 4676 1283	9989560790	Degree	BC-A	hindu	business	bore water	18-18(b)
	K.Rama Devi	42	F	7914 6545 8246	9704823331	10 th			house wife		
	K.Sajeev Kumar	22	M	8386 2505 7849	7731035724	Degree			studying		
	K.Krupa	20	F	2515 0372 6321	9515250091	B.tech			studying		
29	K.Govindha Rao	60	M	3830 9462 3607	8074541564	10 th	BC-A	hindu	govt job	bore water	18-20
	K.Iaxmi	54	F	8066 2908 3365	9160949933	7 th			house wife		
	K.Madhu	30	M	5765 7636 5129	8142437826	M.Sc			govt job		
30	M.Shankararayana Rao	81	M	2756 5267 7877	9014254611	Graduation	BC-D	hindu	Rtd.govt job	municipal water	14-16
	M.Lakshmi	75	F	9164 1923 1252	-	7 th			house wife		
31	P.Srinivasa Rao	50	M	8247 6894 9386	7382921843	Diploma	BC-D	hindu	govt job	bore water	18-31
	P.Susma Rani	40	F	8348 7666 4889	9149750695	Degree			house wife		
	P.Sai Sneha	16	F	7313 2865 1130	9392905966	inter			studying		
32	K.Ravi	69	M	6968 6118 1388	9246631924	10 th	BC-D	hindu	Rtd.govt job	municipal water	18-31
	K.krishnaveni	60	F	5895 5596 8766	-	8 th			house wife		
	K.Vidyasagar	39	M	9215 2865 1130	8247868988	B.tech			private job		
33	P.Muralimoham Rao	84	M	4056 6455 8618	9441659888	Degree	BC-D	hindu	Retd govt job	municipal water	18-32(b)
	P.Indra Devi	68	F	2995 4767 1341	-	inter			house wife		
	P.Madhusudhana Rao	50	M	7303 7473 8920	8247868988	Diploma			govt job		
34	P.Papa Rao	51	M	3286 7745 5260	6300323184	inter	BC-B	hindu	business	municipal water	18-32(a)
	P.Asha jyothi	45	F	2939 7844 3977	9989007341	10 th			house wife		
	P.Chandini	18	F	7474 5822 8066	-	inter			studying		
35	M.Anand Rao	55	M	6384 9983 5118	80747993455	inter	BC-D	hindu	business	bore water	18-33
	M.Seetha	44	F	8130 7916 6030	-	inter			house wife		
	M.Madhuri	27	F	6046 0819 8058	9899944310	B.tech			studying		
36	P.Murali Vidya Sagar	52	M	8639 1300 4960	9440035663	Degree	BC-D	hindu	private job	bore water	18-37
	P.Satya Gowri	45	F	9770 7633 7452	8061513001	10 th			house wife		
	P.Sowjanya Mani	31	F	9593 1659 3141	8130227245	B.tech			studying		
37	G.Jaganada Rao	58	M	3129 7422 4591	9491304561	inter	BC-A	hindu	govt job	bore water	18-37
	G.Rajeswari	54	F	8927 2982 6584	9632559452	10 th			house wife		
38	M.Narayana Swamy	58	M	6100 5989 7489	7874943295	Degree	BC-A	hindu	business	bore water	18-39
	M.Malleswari	59	F	9566 0811 6888	96426500009	inter			house wife		
	M.Tejaratnam	19	M	2587 6081 3424	9980873313	M.B.B.S			studying		
	M.Yeswanth	28	M	8722 7829 8344	8197303126	inter			studying		
39	T.Madhava Rao	53	M	9316 5257 3463	8951789239	inter	SC	hindu	business	bore water	18-30
	T.Bhanu	41	F	5136 2246 9173	8971246458	10 th			house wife		

40	S.Narasimhulu	43	M	4339 7527 5509	9443949439	inter	BC-A	hindu	private	municipal water	18-29(a)
	S.Swathi	31	F	8517 2625 3547	8989848484	inter			house wife		
	S.Krishna	14	M	6534 2503 6802	-	10 th			studying		
41	G.Rajasekhar Rao	35	M	6177 2339 5993	8919223405	B.tech	BC-A	hindu	private	bore water	
	G.Laxmi	35	F	4057 6312 2413	8271522222	Degree			house wife		
	G.Manvitha	7	F	2519 1433 0816	-	1 st			studying		
	G.Devansh	4	M	-	-	-					
42	B.Madhavi	41	F	3866 6921 2849	8577633464	inter	BC-D	hindu	private	municipal water	19-6
	B.Teja Sai	19	F	9507 6011 6463	8967563494	Degree			studying		
43	R.Nagaratnam	39	F	2675 7493 2543	9182633058	inter	BC-B	hindu	Business	Municipal water	19-6(b)
	R.Ram Murthy	20	M	3135 0069 6214	8948396935	diploma			Business		
	R.Susmitha	15	F	9897 2334 2604	-	9 th			studying		
44	K.Venkata Satya	60	M	9874 1984 5763	9440513637	Degree	OC	hindu	govt job	municipal water	19-7
	K.Indira	50	F	8013 7835 0018	9491327063	inter			house wife		
	K.Suma	23	F	5089 3078 1799	997639144	B.tech			studying		
45	S.Vinod Kumar	29	M	3977 7209 2348	99664116765	10 th	BC-D	hindu	private	bore water	18-29
	S.Sravani	24	F	4054 2955 4258	6001826453	8 th			house wife		
46	T.Bhaskar Rao	45	M	4215 34018874	9010811706	inter	BC-D	hindu	business	bore water	17-15
	T.Sri Devi	40	F	8247 4486 4583	6001826453	inter			house wife		
	T.Devi prasanna	11	F	8551 2881 6368	-	6 th			studying		
47	T.Rupavathi	34	F	2721 0971 5524	8711881558	inter	BC-D	hindu	private	municipal water	17-1
	T.Tharunesh	10	M	4921 1403 5864	-	5 th			studying		
48	B.Rupa	48	F	8154 1179 0223	8522909340	Degree	OC	hindu	private	bore water	18-22
	B.Deepak	35	M	8389 5428 1197	8573399979	B.tech			govt job		
	B.Neelima	29	F	7585 3285 7091	9824469628	B.tech			private		
49	K.Venkata Rao	62	M	8491 1942 9265	9246631728	inter	BC-D	hindu	Rtd.govt job	bore water	18-22
	K.Prabhavathi	58	F	3234 3265 7883	8794516879	10 th			house wife		
	K.Priyanka	23	F	5200 4420 1884	9874597216	B.tech			studying		
50	N.Lakshman Murali	75	M	7038 0303 9667	8686884238	inter	BC-D	hindu	Rtd.govt job	municipal water	19-1
	N.Saraswathi	64	F	3698 0097 7273	-	10 th			house wife		
51	M.Saraswathi	45	F	7064 2029 4473	9449789146	Degree	BC-B	hindu	govt job	bore water	19-3
	M.Charishma	19	F	3212 0475 8011	9648975976	Degree			studying		
52	C.Kondala Rao	53	M	7330 2553 4428	9000814632	inter	BC-D	hindu	govt job	municipal water	16-4
	C.Gunavathi	58	F	5006 7644 9457	947644332	9 th			house wife		
	C.Sravanthi	30	F	6215 0522 5559	938786543	Degree			private		
53	A.Appala Narasamma	65	F	9195 6093 4422	-	9 th	BC-D	hindu	-	municipal water	16-1
	A.Rambabu	35	M	8891 1252 0633	9440211447	inter			private		
54	R.Roja Rani	48	F	4925 4543 4581	9705665598	inter	OC	hindu	govt job	municipal water	16-3

	R Harshini	27	F	4514 0774 5728	8411772036	B.tech			private		
	R.Reshma	25	F	5534 0983 2890	9387865691	B.tech			private		
55	G.Tarakeswar Rao	30	M	4491 4223 9014	8476443327	Degree	BC-D	hindu	govt job	bore water	18-26(b)
	G.Anusha	25	F	2647 2061 0223	6041332175	B.tech			house wife		
56	D.Papa Rao	57	M	5139 5691 1314	9049674559	Inter	BC-A	hindu	private	bore water	18-25
	D.Laxmi	50	F	6771 4867 0189	9437151465	9 th			house wife		
	D.Swarna	25	F	6187 7941 9051	9822149996	Degree			private		
57	K.Satyanarayana	67	M	3631 9377 5097	9908688199	10 th	BC-A	hindu	Rtd. govt job	bore water	18-18
	k.Kanaka Durga	61	F	2011 7762 6905	-	10 th			house wife		
58	K.Polayya	33	M	2459 5240 3426	9676045021	Degree	BC-D	hindu	private	bore water	19-2(b)
	K.Appala Narasamma	30	F	7629 4930 1375	8437151465	10 th			house wife		
	K.Venkata Ramana	24	M	8376 7574 6496	6439263707	B.tech			private		
59	M.Govinda Rao	56	M	4053 3130 9556	6300731075	Degree	BC-D	hindu	private		
	M.Tripuramma	48	F	5193 5466 6965	9822149692	inter			house wife		
	M.Joshnavi	18	F	2079 6836 3347	-	inter			studying		
60	S.S.Adinarayana	60	M	9576 4571 4617	94492763699	Degree	OC	hindu	govt job	bore water	19-4
	S.Sathya Vanisri	53	F	7482 6623 4671	9122540456	9 th			house wife		
	S.Ramya	30	F	3888 8385 8621	9129965463	inter			-		
	S.Alekhyia	25	F	5325 9777 7801	9417668133	B.tech			private		

CHAPTER 5: OUTCOMES DESCRIPTION

Details of the Socio-Economic Survey of the Village/Habitation. Attach the questionnaire prepared for the survey.

Socio-economic survey was conducted in the Visakha 'A' colony of Srikakulam district of Andhra Pradesh. We selected this area to have socio-economic survey as it had many types of people with different occupations of that area were familiar with us in finding of their details. Which includes the no. of people, caste, their education, their water resources, Job, transport, etc. We had to brief account of their lives by this information. Then we noticed that the scarcity of pure drinking water is arised to them. As their water has large content of fluoride, pH and TDS which we tested was not supposed to drink. So, we suggest to drink boil water and also we took an initiation to increase their water supply from the initiation of the government. which we noticed as the most outcome of our project. The questionnaire that were asked to them as follows; Name of the person and their family financial status, category, about their area, it is all about the socio-economic survey of that village is shown by route map.

Description of the Community awareness programme/s conducted w.r.t the problems and their outcomes.

Community awareness was created in the people by many ways. There are we gathered some people on the day and prepared some placards to communicate with the people in the way of rally. We prepared some slogans which create awareness in the people to educate them. Next day we arrange meeting along with Sarpanch to educate the illiterate people by research observations and also provide some ways to overcome the impurity of drinking water. By boiling the water and also we provide calcium to remove the hardness and fluoride content in the water. We collected the some of the people opinion about this survey for the report to be submitted which can assure some relief to the people. We came with the outcomes in the form of short term action plan and long term action plan which includes in the removal of fluoride in the water by filtration and replacement of fluoride with other components. In a short term action plan and usage of water saving aerators and promoting Eco soft machines for managing their water quality and use "helico devices" which produces safe water from non-drinkable water sources. The outcomes of this project is the water is precious to all for drinking purity purpose and also they asked us to provide better supply of water and a healthy water supply to them in view of drinking purpose.

Short-term and long term action plan for possible solutions for the problems identified and that could be recommended to the concerned authorities for implementation.

Short term action plan :-

Huge content of fluoride in water is due to contamination of "Estonia" in water.

It can reduce by using "Reverse Osmosis" technology and also by replacement of water resources with new as like drilling of new bore wells, wells. using boiled water rather than cold water.

Long term action plan :-

- Water is one of the most precious resources on the planet.
- we use "water saving aerators" in handwash and sinks.
- By promoting EcoSoft Machines for managing their water quality.
- By using water purifiers like Inverse Osmosis technology.
- Some rivers are consist of huge algae for this we use chemical free solution to monitor and control algal blooms in rivers.
- using De-solator which is solar powered distillation systems for desalination of water.
- Membrane filtration process - "Reverse Osmosis" and Electrodialysis methods are used to reduce the content of fluoride and other components in the drinking water.

Describe the problems you have identified in the community

We selected Visakha 'A' colony area in the socio-economic survey for collecting details according to our questionnaire. It is related to water mostly the problems that we observed are mostly the problems about scarcity of drinking water and purified drinking water. The people in area are unaware of pure drinking water. They had lack of mode of drinking water even though do not rise their voice to the government for better water supply.

The borewell water are enough to drinking as it is not a drinking water resource. They identified the water is full of fluoride and not even good to wash their clothes. The main problem was the govt. tap water is only the source of drinking water to enough. and also due to lack of good transport system. They were unable to had mineral water can as low cost. Any other mineral plants are not located near to this area.

Water scarcity limits access to safe water for drinking and for practising basic hygiene at home, in schools and health care facilities in the area. As it increase the price of pure drinking water to them.

Report of the mini-project work done in the related subject w.r.t the habitation/village.

A mini-project work in the related subject w.r.t the habitation/village. (For ex., a student of Botany may do a project on Organic Farming or Horticulture or usage of biofertilizers or biopesticides or effect of the inorganic pesticides, etc. A student of Zoology may do a project on Aquaculture practices or animal husbandry or poultry or health and hygiene or Blood group analysis or survey on the Hypertension or survey on the prevalence of diabetes, etc.

The Report shall be limited to 6 pages.

Water :-

freshwater being one of the basic necessities for the sustenance of life. The human race through the ages have striven to locate and develop it. Water is the vital source of life in its natural state is free from pollution but when a man tampers the water body it loses its natural condition. Ground water has become the essential resource over the past few decades due to the increase in its usage for drinking irrigation and industrial uses etc. In the last few decades there has been a tremendous increase in the demand of freshwater due to rapid growth of population and accelerated pace of industrialization. Human health is threatened by most of the agricultural development activities particularly in relation to excessive applications of fertilizers and unsanitary conditions. Rapid urbanization especially in developing countries.

Indians has affected the availability and quality of ground water due to its over exploitation and improper waste disposal. especially in the urban areas. According to WHO organization about 80% of all the diseases in human beings are water borne. further groundwater and the pollutants it may carry move with the sources of pollution it may carry move with the sources of pollution and degradation. on groundwater quality remain undetected. for years once the ground water is combined its quality cannot be restored by arresting the pollutants from the source polluted water lead to various gastrointestinal problems, liver infections, tropical diseases and terminal diseases like cancer. children are often the worst affected dying in large number because diarrhoea. Hence the quality of water is equally important as the quantity.

Water can be tested by physical methods at home level by pH and TDS in which it can show the water purification to use it as drinking water.

We collect some water from visakha 'A' colony area of srikakulam district. in which most of the people use public supplied water due to normal water of the region is full of fluoride, so they use most of their which is already tested by government resources. so they use of their natural resources to agricultural work.

Measurement of pH of water sample :-

1. Get to know the pH by using litmus paper :-

Litmus paper are strips of paper that contain an acid (or) base. The most common of these are red and blue. The red strips turn blue if the substance is alkaline and blue strips turn red if the substance is acid. Litmus papers can be used to provide a quick and easy test, but it can gives a result.

2. Collect a sample of the water in a clean vessel :-

the water sample must be deep enough to cover the test strip.

3. Dip the test strip into the sample :-

Just the few seconds of exposure will sufficient the different indicators bars on the paper will begin changing colour within a few moments.

4. Compare the test strip with the colour chart that came with the paper :-

The colour on the chart was matched to one of its colour of the test strip. The chart correlate colour patterns to the pH levels.

The pH of the water sample which is collected from Visakha 'A' colony had 7.06 of the bore well and tap water.

Measurement of TDS - Using filter paper and a scale of water sample :-

Weigh the evaporating dish :-

Measure the evaporating dish using a weighing machine and note the reading in mg. before we measure the weight of the evaporating ensure that the dish is completely empty, dry and free from any of extraneous matter.

Stir the water sample :-

Stir the water sample vigorously, so that the matter present in the water can be dispersed equally throughout the water sample.

Collect the water sample :-

Take 50ml of water sample using a pipette while taking the water sample, ensure that no matters are settled down on the container bottom. If the matter settled down on the container's bottom, stir the water sample, because if the matter is not dispersed equally, then reading will not be accurate.

Extract the filtrate :-

Now, pour the water sample into the container through the filter paper. Repeat this process at least 3 times to ensure that the matter is entirely collected in the filter paper and transfer to the evaporating dish.

Weigh the evaporating dish will filtrate :-

Allow the present matter to dry completely, then weigh evaporating dish with extracted filtrate and note the reading in mg and calculate the TDS

$$\text{TDS} = (A - B) \times 1000 / 50 \text{ ml}$$

A - Evaporating dish weight with filter in mg.

B - Empty evaporating dish weight in mg taken.

$$\text{TDS} = \frac{(50 - 25.3) \times 1000}{50 \text{ ml}}$$

$$\text{TDS} = \frac{24.7 \times 1000}{50}$$

$$\text{TDS} = 24.7 \times 20$$

$$\text{TDS} = 494 \text{ ppm.}$$

→ TDS of the given solution which is taken from the Visakha 'A' colony area. Tap water is 456 ppm.

→ TDS which is above 400 is not good for drinking. It is poor to drink which is not suitable. So they use the public supplied drinking water.

→ pH which is less between 7 to 8 is good for health. But pH of the taken solution is 7.06 which is poor to drink. So they choose tap water which is provided by the government.

Water purification can remove all the unnecessary bacteria and viruses from the water that is hazardous for our health. Water purification may also improve the flavour and appearance of the water. It removes the unpleasant colour.

Freshwater is a finite and limited resource on the earth and increasingly much of it is polluted by both pathogenic microbes and chemical contaminants.

As there is scarcity in drinking water in the Visakha 'A' colony area. The main source of drinking water of them is public tap water. So we just advised that their drinking water should be boiled for better health conditions. We also suggested them not to store that water for many days to prevent fungal growth. We had a meeting with the volunteer's president to take care of water cleaning. And also we put a step forward to increase their water supply at all time.

We create awareness among the villagers about the healthy drinking water and its benefits to them.

Selection of vicatha 'A' colony area in Srikakulam city of Srikakulam district, Andhra Pradesh as the study area due to its rural and backward status.



Identification of 60 households for the demographic survey and identification of water resources and mode of drinking water being improved by the people.



A cross-sectional study was conducted by administering a well structural questionnaire which is comprised of three sections assessing knowledge, awareness and utilization of drinking water.



Proactive awareness programmes on the pH and TDS analysis of water.



Statistical analysis of the collected data.



Steps proposed for more effective implementation and utilization of the pure water.

CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT

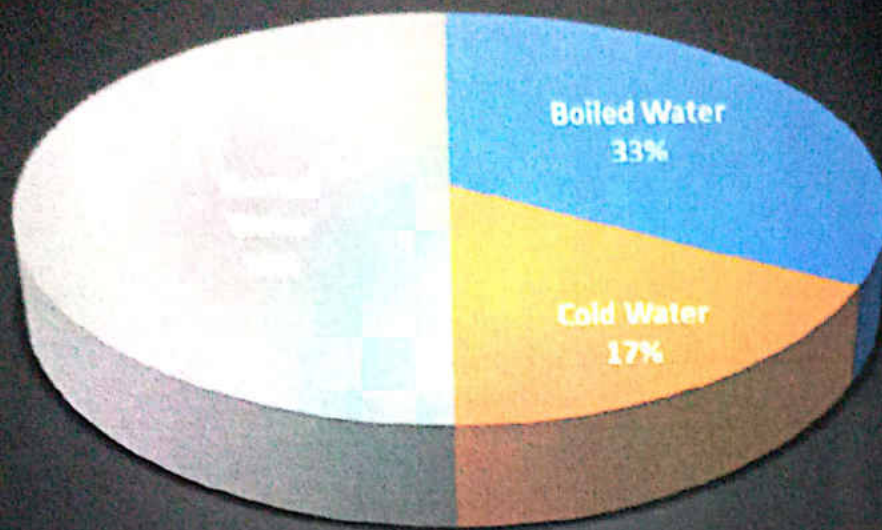
Water plays a key role in everyone's life.

As a healthy water is needed in everyone's life. They also asked us to provide healthy water resources for them to drink to that we provide short-term action plan and long term action plan. Which includes in the removal of fluoride in the water by filtration and replacement of fluoride in the water by filtration.

In the long term action plan includes usage of water saving aerators and by promoting "easoft" machines for managing their water quality. and also "Helio" a device which produce safe water from non-drinkable water resources. Most of the known and acceptable suggestion is to drink water by boiling.

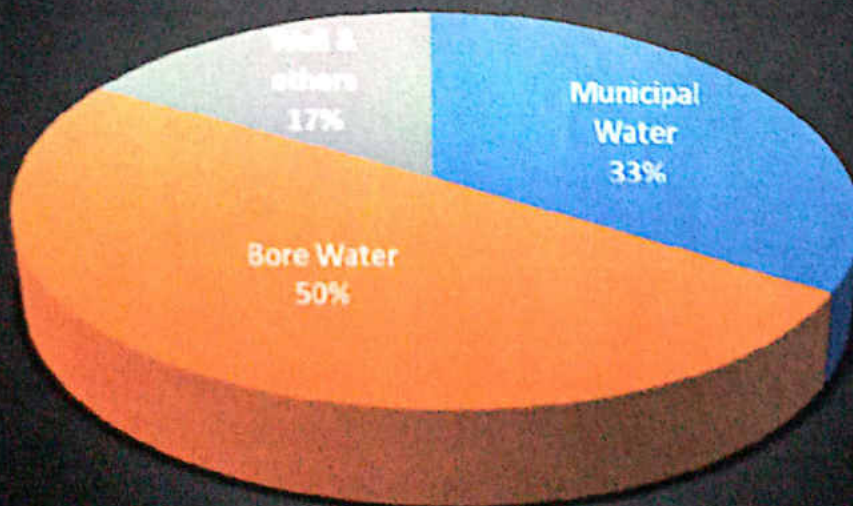
At last due to this project which had socio-economic survey creates the connection link between the students with villagers. This project creates awareness on the purity of water and different modes of drinking water. and also 'H' provides natural testing of pH and TDS which shows the relatively acceptable sources in the village and its utility by people.

MODES OF DRINKING WATER



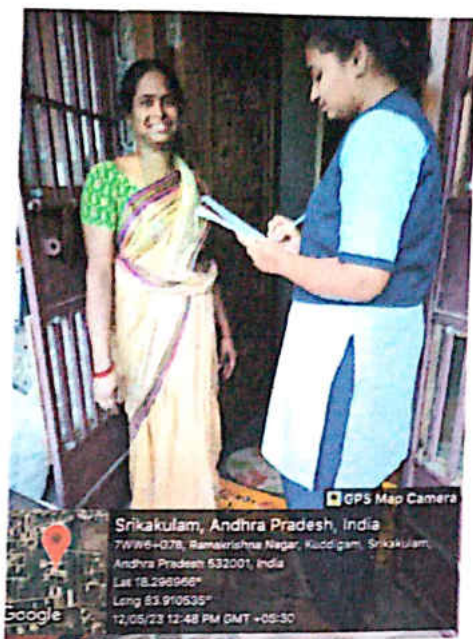
■ Boiled Water ■ Cold Water ■ Normal Water

Drinking Water Resources



■ Municipal Water ■ Bore Water ■ Well & others





PHOTOS AND VIDEO LINKS



Student Self-Evaluation for the Community Service Project

Student Name: Seepana Swathi

Registration No: 222200123010

Period of CSP: From: 12-5-23 To: 15-6-23

Date of Evaluation:

Name of the Person in-charge:

Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

1) Oral communication	1	2	3	4	5
2) Written communication	1	2	3	4	5
3) Proactiveness	1	2	3	4	5
4) Interaction ability with community	1	2	3	4	5
5) Positive Attitude	1	2	3	4	5
6) Self-confidence	1	2	3	4	5
7) Ability to learn	1	2	3	4	5
8) Work Plan and organization	1	2	3	4	5
9) Professionalism	1	2	3	4	5
10) Creativity	1	2	3	4	5
11) Quality of work done	1	2	3	4	5
12) Time Management	1	2	3	4	5
13) Understanding the Community	1	2	3	4	5
14) Achievement of Desired Outcomes	1	2	3	4	5
15) OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Student

Evaluation by the Person in-charge in the Community/Habitation

Student Name: S. Swathi

Registration No: 2222001123010

Period of CSP: From: 12-5-23 To: 15-6-23

Date of Evaluation:

Name of the Person in-charge:

Address with mobile number:

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

1) Oral communication	1	2	3	4	5
2) Written communication	1	2	3	4	5
3) Proactiveness	1	2	3	4	5
4) Interaction ability with community	1	2	3	4	5
5) Positive Attitude	1	2	3	4	5
6) Self-confidence	1	2	3	4	5
7) Ability to learn	1	2	3	4	5
8) Work Plan and organization	1	2	3	4	5
9) Professionalism	1	2	3	4	5
10) Creativity	1	2	3	4	5
11) Quality of work done	1	2	3	4	5
12) Time Management	1	2	3	4	5
13) Understanding the Community	1	2	3	4	5
14) Achievement of Desired Outcomes	1	2	3	4	5
15) OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Supervisor

