

GOVERNMENT DEGREE COLLEGE, NARASANNAPETA

Dr. B. R. AMBEDKAR UNIVERSITY, SRIKAKULAM

DEPARTMENT OF CHEMISTRY

COMMUNITY SERVICE PROJECT REPORT

(Batch 2022-2023)



**PROJECT NAME: WATER FACILITIES AND DRINKING WATER
AVAILABILITY**

Submitted by

(VANA VENKATESH)

(II B. Sc M.P.C ; Reg No :2022004052041)

Under the Mentorship of

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Lecturer in Chemistry

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**GOVERNMENT DEGREE COLLEGE, NARASANNAPETA
SRIKAKULAM DISTRICT**

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DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certified that **V.VENKATESH**, ~~2022004052041~~ has successfully completed his/her Community Service Project on **WATER FACILITIES AND DRINKING WATER AVIALIABILITY** as part of U.G. curriculam during the academic year of 2022-2023 under the guidance of smt.P.Srividya Lecturer in chemistry Government degree college, Narasannapeta, Srikakulam. It is further certified that the work reported here in does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate to the best of my knowledge.

Signature of the Mentor

P. Srividya
LECTURER
Govt. Degree College
NARASANNAPETA

DATE: 12-09-2022

STATION: Narasannapeta.

DECLARATION

I hereby declared that the project report entitled "WATER FACILITIES AND DRINKING WATER AVAILABILITY" in my original work and has not been published or submitted for any degree ,diploma or other similar titles elsewhere. This has been undertaken for the purpose of partial fulfillment of B.Sc(MPC) in Govt.Degree College, Narasannapeta.

v.venkatesh.
Signature of the student

Date:

(Reg No: 2022004052041)

ACKNOWLEDGEMENT

It is really a matter of pleasure for me to get an opportunity to thank all the persons who contributed directly or indirectly for the successful completion of the project "WATER FACILITIES AND DRINKING WATER AVAILABILITY"

I would like to express my gratitude to the Ward member and sarpanch of _____ to do community service project . I am thankful to Smt M. Shanthi ham, Principal of Government Degree College, Narasannapeta for their support and encouragement throughout the tenure of the project, I am also thankful to my faculty mentor Smt. P.Srividya, lecturer in Chemistry, GDC Narasannapeta for being a source of support during this period. I am thankful to my friends.

STUDENT NAME

(V. Venkatesh)

Reg No: 2022004052041

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INTRODUCTION

Community Service is considered the Backbone of the modern education system. Educational Institutions play an important role in the development of the Indian economy . Educational Institutions had played an important role in bringing Educational revolution, in removing indifference of wealth , and in attaining Balanced Regional Development.

Before the New Educational Policy , the condition of the education system was very terrible. Students were merely spectators and got knowledge in a mechanical manner. There was no connectivity between Industry and academia . There was no direct contact and impact of the student on society.

New Educational Policy stressed the need of student service to the Community and Industry-academia connectivity . This enables the student to learn and understand societal issues and tries to give an amicable solution. He became a participant in the country's development process. As a part of this , this Community Service Project has been done.

AIMS AND OBJECTIVES

Aims:

To make students experimental learning strategy and learning meaning full community service with instruction, participation, learning and community development.

Objectives:

- Community service project involves students in community development and service activities and applies the experience to personal and academic development.
- To help students to realize the stark realities of society.
- To bring about an attitudinal change in the students and help them to develop societal consciousness, sensibility, responsibility and accountability.
- To make students aware of their inner strength and help them find new out of box solutions to the social problems.
- To make students socially responsible citizens who are sensitive to the needs of disadvantaged sections.
- To develop a holistic life perspective among the students by making them study culture, traditions, habits, life style, resource utilization, wastage and its management, social problems, public administration system and the roles and responsibilities of different persons across different social systems.
- Community service is meant to link the community with the college for mutual benefit.

LEARNING OUTCOMES

- Students able to get knowledge on water resources , facilities around their areas .
- Students get awareness on sanitation and drainage water System problems and get knowledge on prevention methods for corresponding.
- Promote to Hygiene habits , Enhancing the feeling ownership ,Active citizenship.
- Students get experiential learning strategy that integrates meaningful community service with participation learning and community development.

SURVEY DESIGN

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Safe drinking water and sanitation are important elements in safeguarding health of the people. The lack of water supply and sanitation is the primary reason for diseases transmitted via faeces, which are so common in developing countries. Much of the ill health is due to poor environmental sanitation that is unsafe water.

The term Sanitation is the science of safeguarding health, as per NSF of USA sanitation is way of life. It is the quality of living that is expressed in the clean home, clean farm, clean business, the clean neighborhood and the clean community, being a way of life it is must come from within the people, it is nourished by knowledge and grows as an obligation and an ideal in human relations. The term environmental sanitation has been defined by WHO as the control of all those factors in humans physical environment which exercise a deleterious effect on his physical development, health and survival.

Water is fundamental for health and life, the human body is 70% of water, without water we couldn't maintain a normal body temperature, lubricate the joints, or get rid of waste through urination, sweat, and bowel movement. Not getting enough water can lead to dehydration, which can cause muscle weakness and cramping, increased risk of heat stroke. In fact water is so important that a person couldn't last more than five days without it. Institute of Medicine's Food and Nutrition Board recommended that women need 91 ounces of water and men need 125 ounces. Water can be contaminated in several ways. It can contain microorganisms like bacteria and parasites that get in the water from human or animal fecal matter. It can contain chemicals from industrial waste or from spraying crops. Nitrate used in fertilizers can enter the water with runoff from the land. Various minerals such as lead or mercury can enter the water supply, sometimes from natural deposits underground or more often improper disposal. The EPA has set minimum testing schedules for specific pollutants to make sure that levels remain safe.

- Safe and wholesome water is free from pathogenic organisms, harmful chemical substances.

- Sources of water : There are three main sources

- Rain

Surface water (Reservoirs, Rivers, ponds,

lakes)

Ground water (Shallow wells, Deep wells,

Springs)

Waterborne diseases

- ❖ Viral - Viral hepatitis A, E, rotavirus diarrhea
- ❖ Bacterial - Typhoid, bacillary dysentery, E-coli diarrhea, Cholera
- ❖ Protozoal - amoebiasis etc.....

Well Water:

Well water safety can be effected by many factors including

- How the well was built
- Where it is located
- How it is maintained
- Human activities in your area

The EPA recommends that you talk with local experts, have your well water tested regularly, and not let problems go untended.

Indians drank 20 billion gallons of bottled water in previous year. It is increasing year by year. One argument advanced for the use of bottled water is its safety, yet there isn't the same guarantee of safety with bottled water as there is for the water in your tap. There is no guarantee that the bottle of water you bought is safe.

Contaminants in the pipes: Occasionally, your tap water can become contaminated as a result of breaks in the water line, although one of the biggest problems is lead getting into the water from pipes. Even "lead-free" pipes can contain as much as 8% lead. The best way to avoid consuming lead from tap water is to only use water from cold tap for drinking, cooking, making baby formula and to let the water run for a minute before using it.

How contaminated water effects your health depends on the type of contaminants. Does boiling contaminated water make it safe to drink? It depends on the contaminant. Boiling water can kill germs, but things like lead, nitrates, and pesticides aren't affected. Since boiling reduces the volume of water, it increases the concentration of those contaminants. Cryptosporidium is a pathogen that sometimes gets into water supplies. It can cause a gastrointestinal disease that could be fatal.

Treatment of contaminated water

UN states that an estimated 80% of all diseases and over $1/3^{\text{rd}}$ of deaths in developing world are caused by the consumption of contaminated water and $1/10^{\text{th}}$ of productive time of each person is lost due to water related diseases.

Types of water purification:

On a large scale a) slow sand filter
 b) Rapid sand filter

On a small scale – house hold purification

- Boiling
- Chemical disinfection

RAPID SAND FILTER(MECHANICAL FILTER)

The following steps are involved in the purification of water by rapid sand filter.

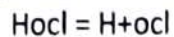
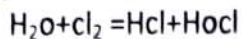
A)coagulation B)Rapid mixing C)flocculation D)sedimentation E)filtration.

1. Coagulation: The raw water is treated with a chemical coagulant such as alum.
2. Rapid mixing: The alum treated water is then subjected to violent agitation in a mixing chamber for a few minutes.
3. Flocculation : The next phase involves a slow and gentle stirring of the treated water in a flocculation chamber for about 30 minutes. **This slow & gentle stirring results in the formation of a thick, copious ,white precipitate (flocculent) of aluminum hydroxide**
4. Sedimentation :The coagulated water is now lead into sedimentation tank where it is detained for 2-6 hours ,where the flocculent along with impurities and bacteria settle down in the tank, the super latent water is subjected to filtration.the filter bed consists of different layers of filter i.e, fine sand, coarse sand,gravel etc.

The filter water is then subjected to chlorination. chlorine kills pathogenic bacteria, but has no effect on spores , & certain viruses(polio, hepatitis) except in high doses, it oxidises iron, manganese & HS_2 ,it destroys some taste & odour producing constituents ,& controls algae.

ACTION OF CHLORINE :

When chlorine is added to water there is formation of HCL and hypochlorous acids. The HCL is neutralized by alkalinity of the water. The hypochlorite ions .



The disinfecting action of chlorine is mainly due to the hypochlorous acid & to a small extent due to hypochlorite ions.

PRINCIPLES OF CHLORINATION

- Water to be clear & free from turbidity.
- Chlorine demand of the water to be estimated.
- The contact period of free residual chlorine , should be at least 1 hour to kill bacteria & other viruses.
- A minimum of 0.5 mg/L of free chlorine is essential for 1 hour.

Chlorine demand of the water is the amount of chlorine that is needed to destroy bacteria and to oxidize all organic matter and ammoniacal substances present in the water . the point at which chlorine demand of the water is met is called the "break point " if further chlorine is added beyond the break point , free chlorine starts appearing in water .

SAFE DISPOSAL OF HUMAN EXCRETA

Human excreta is a source of infection and it is one of the cause for environmental pollution if not disposed of hygienically. Human excreta contains disease producing germs, spores, cysts, eggs of helminths. Man gets infected by faeces through contaminated water, dirty hands, house flies, by eating raw and unwashed vegetables grown on sewage water. Hence safe disposal of human excreta is very vital.

TYPES OF LATRINES

1. Unsewered areas :

A) Service type – outdated

B) Non service type

- Bore hole latrine
- Dug well (pit)
- Water seal (RCA type)
- Septic tank

2. Sewered areas:

Water carriage systems and sewage treatment plants.

WATER SEAL (RCA TYPE) LATRINE

The constituent parts of water seal latrine are:

- Squatting plate
- Pan
- Trap
- Connecting pipe
- Dug well (pit)
- superstructure

GLOSSARY

Below the most relevant variables comprising the survey questionnaire are explained. The definitions follow the methodological recommendations of the joint questionnaire regarding water established by EUROSTAT/ OECD. (JQ Inland Waters) which Spain as a European Union Member State completes every two years.

• Water collection

Water abstraction consists of water withdrawal from a natural source and its storage for further use. This includes the services damming and piping via main pipelines. Among others, a distinction is made between collecting surface water and groundwater, using probes or perforations.

• Fresh surface water

Continental surface water is water with a surface current or retained above a hollow, in other words, dammed. Water with a surface current including natural river courses (rivers, streams, ravines, etc) and of artificial courses (channelling systems for irrigation, industry and navigation, drainage systems and rafts and artificial dams).

• Fresh Groundwater

This type of water resource refers to water that has been extracted, generally, from an aquifer por sondeo o perforación. Aquifers are all the all permanent and provisional water deposits existing in the subsoil, replenished both artificially and naturally, of sufficient quality for a specific use. This category includes water contained in the phreatic layer and in geological depressions.

This section includes water collected from springs. This excludes filtered water, which will be included in surface water.

- **Water for desalinisation:** this comprises seawater and transition water, such as marshes, lagoons, estuaries and brackish water inlets, desalinated before use.
- **Other types of water resource:** this section includes directly collecting rainwater or other types of water resources not previously included.
- **Volume of water supplied to the public network:** this involves water entering the distribution network from drinking water treatment plants or service deposits. Classification of water supplied to the network is presented below:
- **Volume of water registered and distributed by type of user:** this heading includes exclusively volumes measured by users' meters (both communal and individual ones).
- **Volume of water non-registered:** this corresponds to the difference between the volume of water supplied to the public supply network and the volume of water registered and distributed by type of user. This is broken down into:

- **Real losses:** these are physical losses of water in the distribution network as far as the user's measuring point. This comprises water leaks, breakages and faults in the distribution networks and outlets.

- **Apparent losses:** these are non-physical water losses. These are broken down into:

- **Inaccuracy of the meters (undercounting):** it comprises measuring errors by the water meters when measuring small water volumes
- **Non-measured authorised consumption:** it refers to consumption that is not measured by a meter (estimations or capacities). These consumptions can be invoiced or not
- **Non-authorised consumption (fraud):** it includes water deviation or taking that is made illegally and, therefore, is either measured nor invoiced.
- **Total value of water invoiced:** This section covers all concepts shown on the water bill paid by users (households and economic sectors). This refers to both the billing itself and the monetary amounts charged to said users by delegation of billing. This excludes the value of the VAT invoiced.

A distinction is made, within this section, between three main variables:

- **Water supply:** this is the amount charged to users for the full amount of water supplied on a low-level via the supply network. This includes both the rates and tariffs paid for water supply (self-invoicing). Monetary amounts recorded in the survey are on a cash basis, in other words that effectively charged in the reference financial year, even where water consumption may have been in previous years.

Moreover, amounts charged are collected by delegation of invoicing in order to defray high-level water piping projects carried out by other bodies or institutions (regulation taxes or water use rates of Hydrographical Confederations, piping taxes of Water Companies or of Autonomous Communities).

Also included in this variable are service quotas relating to conservation and use of outlets and meters.

- **Sewage:** this corresponds to the amount charged to users for this concept. This also includes mainly municipal sewerage fees.

-

Collection of the information

QUESTIONNAIRE

There is a single questionnaire containing 20 questions and collected reports from surrounding areas and prepared survey reports according to it.

Village name — cheedipudi
Mandal — Saravakota
District — Srikakulam
State — A.P

Questionnaires are submitted to department. Based on this survey prepared report for CSP.

SURVEY REPORTS

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Register No :

Name of the Student :

Semester / Year/Course/Group :

Name of the Guide/Mentor and Department :

Community Social Service Project -Socio Economic Survey

1. Address of the family :

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
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3. Social Status details : i)Caste :

(SC/ST/BC-A/B/C/D /OC)

ii)Religion :

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own

ii) Availability of Agricultural land : Yes/No if yes -----acres.

iii) Names of crops :

iv) Cattle : ----- cows ----- ox -----buffaloes----- sheep/goats-----

v) Do you have own toilet : Yes/No

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify----

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle ----

5. Health Details :

i) Diseases in family :

ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

i) Do you have TV : Yes/No

ii) Do you have Dish connection : Yes/No

iii) Channels watched regularly : 1.-----2.-----3.-----.

iv) Do you have Mobile : Yes/No,Mobile number:

Laptop :yes/no,internet availability : Yes/No

v) Is internet available at home : Yes/No

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevena/Jagananna Vasati Deevena / Raithu Bharosa /Any other :

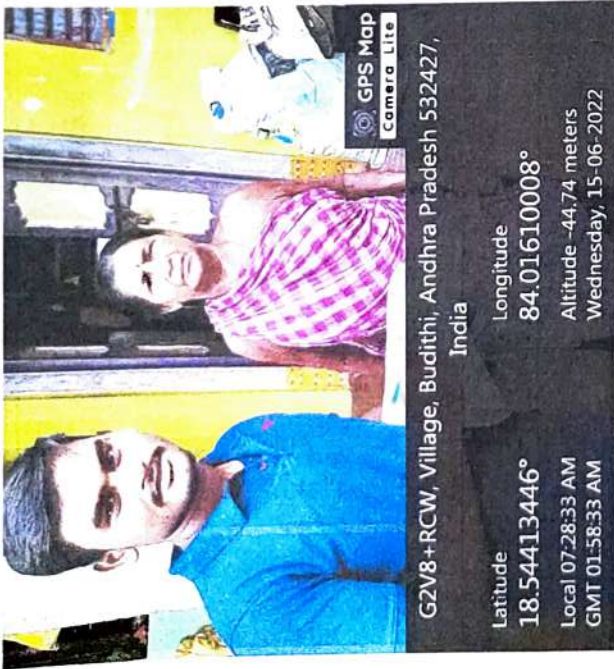
8. Any three problems faced in the village :

Place :

Date :

Signature of the Mentor

Signature of the Student

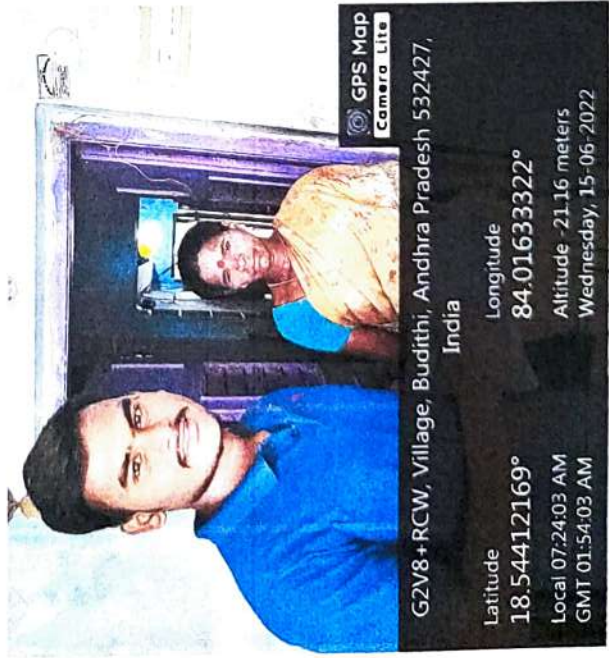


G2V8+RCW, Village, Budithi, Andhra Pradesh 532427, India

Latitude
18.54413446°
Local 07:28:33 AM
GMT 01:58:33 AM

Longitude
84.01610008°
Altitude -44.74 meters
Wednesday, 15-06-2022

GPS Map
Camera Lite

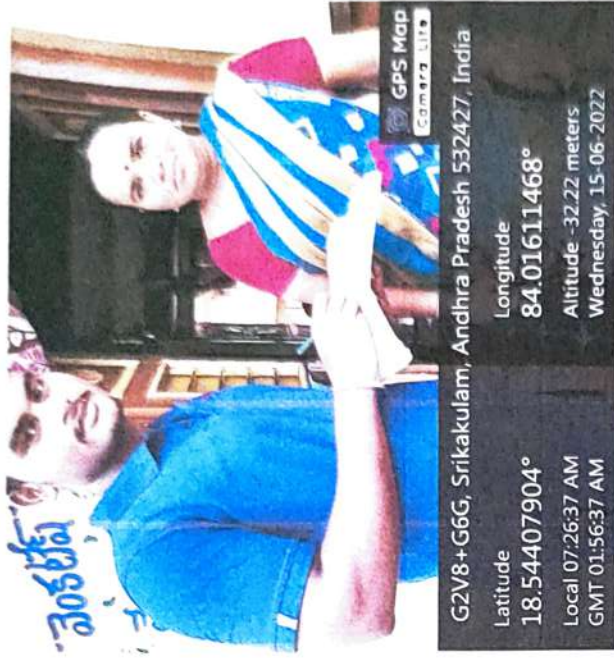


G2V8+RCW, Village, Budithi, Andhra Pradesh 532427, India

Latitude
18.54412169°
Local 07:24:03 AM
GMT 01:54:03 AM

Longitude
84.01633322°
Altitude -21.16 meters
Wednesday, 15-06-2022

GPS Map
Camera Lite



G2V8+G6G, Srikakulam, Andhra Pradesh 532427, India

Latitude
18.54407904°
Local 07:26:37 AM
GMT 01:56:37 AM

Longitude
84.01611468°
Altitude -32.22 meters
Wednesday, 15-06-2022

GPS Map
Camera Lite



G2V8+G6G, Srikakulam, Andhra Pradesh 532427, India

Latitude
18.54410935°
Local 10:33:32 AM
GMT 05:03:32 AM

Longitude
84.01596515°
Altitude -41.63 meters
Monday, 13-06-2022

GPS Map
Camera Lite



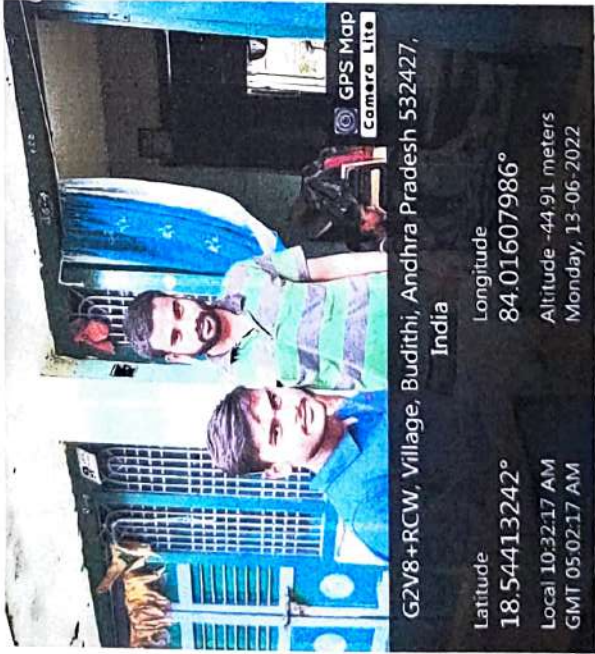
G2V8+G6G, Srikakulam, Andhra Pradesh 532427, India

| | |
|-------------------|------------------------|
| Latitude | Longitude |
| 18.54407592° | 84.01612026° |
| Local 08:38:34 AM | Altitude -36.23 meters |
| GMT 03:08:34 AM | Saturday, 11-06-2022 |



RAMAMANDHRIAM, C27R+JF, College Rd,
Narasannapeta, Andhra Pradesh 532421, India

| | |
|-------------------|------------------------|
| Latitude | Longitude |
| 18.41414844° | 84.04160418° |
| Local 10:54:19 AM | Altitude -49.44 meters |
| GMT 05:24:19 AM | Tuesday, 07-06-2022 |



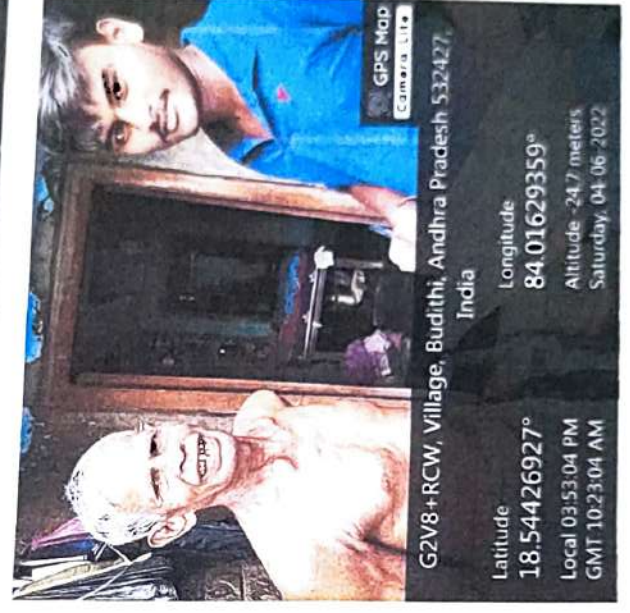
G2V8+RCW, Village, Budithi, Andhra Pradesh 532427, India

| | |
|-------------------|------------------------|
| Latitude | Longitude |
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| GMT 05:02:17 AM | Monday, 13-06-2022 |



G2V8+G6G, Srikakulam, Andhra Pradesh 532427, India

| | |
|-------------------|------------------------|
| Latitude | Longitude |
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| Local 08:35:45 AM | Altitude -37.33 meters |
| GMT 03:05:45 AM | Saturday, 11-06-2022 |





G2V8+RCW, Village, Budithi, Andhra Pradesh 532427,
India

Latitude
18.54412798°
Local 09:30:36 AM
GMT 04:00:36 AM

Longitude
84.0160901°
Altitude -45.14 meters
Tuesday, 14-06-2022

GPS Map
Camera Lita

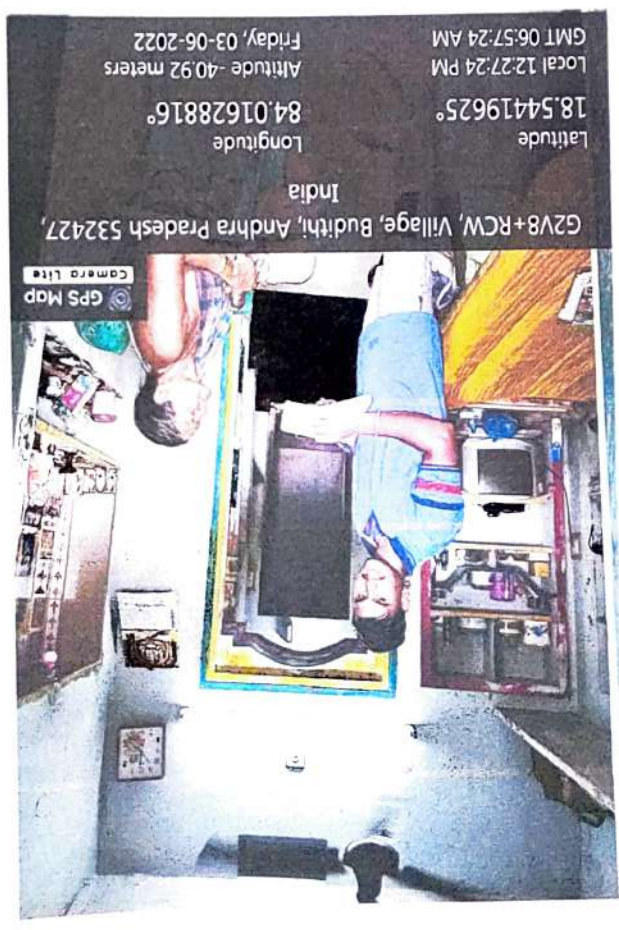


G2V8+RCW, Village, Budithi, Andhra Pradesh 532427,
India

Latitude
18.54415307°
Local 03:56:59 PM
GMT 10:26:59 AM

Longitude
84.01624742°
Altitude -29.65 meters
Saturday, 04-06-2022

GPS Map
Camera Lita



G2V8+RCW, Village, Budithi, Andhra Pradesh 532427,
India

Latitude
18.54419625°
Local 12:27:24 PM
GMT 06:57:24 AM

Longitude
84.01628816°
Altitude -40.92 meters
Friday, 03-06-2022

GPS Map
Camera Lita



G2V8+RCW, Village, Budithi, Andhra Pradesh 532427,
India

Latitude
18.54412876°
Local 12:34:08 PM
GMT 07:04:08 AM

Longitude
84.01628835°
Altitude -30.49 meters
Friday, 03-06-2022

GPS Map
Camera Lita

LOG BOOK

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY
LOG BOOK FOR COMMUNITY SOCIAL SERVICE PROJECT

Name of the Student :
Group :
Register No :

| S.No | Date and Day | No of Houses visited | Activity Conducted | Signature of the student |
|------|--------------|----------------------|--------------------|--------------------------|
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Signature of the Mentor

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap
2. What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times
14. Are you interested to learn Water conservation methods: Yes/No
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no

SUMMARY AND CONCLUSION

Safe and adequate quantity of drinking water is an essential input for life. However the efforts made by the state government and other organizations have not been enough in covering all habitations. Decline in quantity and quality of water has serious implications on health and environment covered in this CSP.

- People cannot create water but by managing source and distribution systems, they can make sure you know what's in your water.
- Do your part to conserve.
- Maximize the amount of available water and make the most out of every drop. So, together with doing all you can to prevent scarcity of water sources.

SAVE WATER SAVE LIFE

GOVERNMENT DEGREE COLLEGE NARASANAPETA

Community Service Project

Name of the Mentee: Vana Venkatesh

Father's Name : Vana. Krishnarao

Mother's Name : Vana. Krishnaveni

Registered No : 2022004052041

Program :

Semester : 3

Address: Street: Jillpedupeta.

Locality: Jillpedupeta

Town/City: Hiranamandalam

Pin Code: 532214

Mobile No: 7993719120

Mail Id: vanavenkatesh2003@gmail.com.



V. Venkatesh

Performance Appraisal:

| Sl.No | Assessment Component | Max Marks | Marks Secured |
|-------|------------------------|-----------|---------------|
| 01 | Project Log | 20 | 15 |
| 02 | Project Implementation | 30 | 26 |
| 03 | Project Report | 25 | 22 |
| 04 | Presentation | 25 | 20 |

Mentor's Details: CF in Chemistry

Name of the Mentor: P. SRIVIDYA

Designation: CF in Chemistry

P. Srividya

LECTURER

Government Degree College
NARASANNAPETA

Adhar :- 5747 9847 4826

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY
LOG BOOK FOR COMMUNITY SOCIAL SERVICE PROJECT

Name of the Student : V. Venkatesh
 Group : BSC(M.P.C), 2nd year
 Register No : 2022004052041

| S.No | Date and Day | No of Houses visited | Activity Conducted | Signature of the student |
|------|-------------------------|----------------------|--------------------|--------------------------|
| 1 | 03-06-2022 Friday | 02 | water Survey | V. Venkatesh |
| 2 | 04-06-2022 Saturday | 03 | water Survey | V. Venkatesh |
| 3 | 05-06-2022 Sunday | 03 | water Survey | V. Venkatesh |
| 4 | 07-06-2022 Tuesday | 03 | water Survey | V. Venkatesh |
| 5 | 11-06-2022 Saturday | 03 | water Survey | V. Venkatesh |
| 6 | 13-06-2022 Monday | 03 | water Survey | V. Venkatesh |
| 7 | 14-06-2022 Tuesday | 02 | water Survey | V. Venkatesh |
| 8 | 21-06-2022 Wednesday | 03 | water Survey | V. Venkatesh |
| | | | | |
| | | | | |

Signature of the Mentor:

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : N. Venkatesh

Register No : 2022001052041

Semester / Year/Course/Group : III BSc(MPC)

Name of the Guide/Mentor and Department : P. Sri Rudra

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedipudi (V), Budipthi (P), Saravakotam, Sri kakulam (C)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|-----------------------|---------------|-----------|-----------|---------------|
| 01. | <u>D. Chinnarao</u> | <u>male</u> | <u>55</u> | <u>-</u> | <u>farmer</u> |
| 02. | <u>T. Chinnammada</u> | <u>Female</u> | <u>50</u> | <u>-</u> | <u>-</u> |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO ✓

ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. E-TV 2. maa-T.V. 3. -

iv) Do you have Mobile : Yes/No, Mobile number :

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa /Any other : NO

8. Any three problems faced in the village :

water problem

Place : cheedipudi

Date : 4/6/22

Signature of the Mentor

N. Venkatesh

Signature of the Student

GOVERNMENT DEGREE COLLEGE :: KARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied ✓
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF ✓
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit ✓ d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit ✓ c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b ✓
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Name of the Student : V. Venkatesh

Register No : 2022004052041

Semester / Year/Course/Group : III (MPC)

Name of the Guide/Mentor and Department : P. Sri Pradya

Community Social Service Project - Socio Economic Survey

1. Address of the family : Cheedipudi (CV), Budhhi (CP), Saravakotam, Srikakulam (D)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|---------------|-----------|-----------|------------|
| 1 | <u>D. Shalamma</u> | <u>Female</u> | <u>65</u> | <u>-</u> | <u>-</u> |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify NO

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO ✓

ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. NO 2. NO 3. NO

iv) Do you have Mobile : Yes/No, Mobile number:

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevena/Jagananna Vasati Deevena / Raitlu Bharosa /Any other : NO

8. Any three problems faced in the village : water problem

Place : cheedipudi

Date : 15/6/22

Signature of the Mentor

V. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: KARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good ✓ b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit ✓ c) 100lit d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit ✓ c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh Register No : 2022004052041

Semester / Year/Course/Group : II MPC CBSC

Name of the Guide/Mentor and Department : P. Srividya

Community Social Service Project - Socio Economic Survey

1. Address of the family : Cheedipudi (V), Rudhithi (P), Saravakota (M), Sriikabulapur (D)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1. | J. Appanna | Male | 36 | 10th | farmer |
| 2. | J. Santhu | Female | 25 | 10th | farmer |
| 3. | J. varshini | Female | 05 | — | — |
| 4. | J. Moksatha | Female | 03 | — | — |

3. Social Status details : i) Caste : SC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify LPG

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. E-T.V 2. mag-TV 3. —

iv) Do you have Mobile : Yes/No, Mobile number: —

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other : NO

8. Any three problems faced in the village : water problem

Place : cheedipudi

Date : 11/6/22

Signature of the Mentor

V. Venkatesh.
Signature of the Student

GOVERNMENT DEGREE COLLEGE II NARAHANAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action ✓ c) None ✓
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond ✓ b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh

Register No : 2022004052041

Semester / Year/Course/Group : III BSCCM-PC

Name of the Guide/Mentor and Department : P. Sripudya

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedipudi (v), Rudhup (p), Saravakola (m), Srikabulan (o)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | D. Ramadu | male | 55 | — | farmer |
| 2 | D. Jaganamma | Female | 50 | — | farmer |
| 3 | D. Sai | male | 19 | 12th | student |
| 4 | D. Lalitha | Female | 17 | 12th | student |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)
ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. maa-TV 2. E-TV 3. —

iv) Do you have Mobile : Yes/No, Mobile number: ✓

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other : Yes

8. Any three problems faced in the village : Water problem

Place : cheedipudi

Date : 14/6/22

Signature of the Mentor

V. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: KARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good ✓ b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No ✓ b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None ✓
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : N. Venkatesh

Register No : 2022004052041

Semester / Year/Course/Group : III BSc (MPC)

Name of the Guide/Mentor and Department : P. Sri Pradya

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedi pudi (v), Saravakota (m), Budhhi (p), Sri kakuram (m)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | S. Kala | Female | 50 | — | farmer |
| 2 | S. Ramana | male | 52 | — | farmer. |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)
ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes 120 acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify YES

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO ✓

ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. MA-TV 2. Free-TV 3. _____

iv) Do you have Mobile : Yes/No, Mobile number: _____

Laptop : yes/no, internet availability : Yes/No ✓

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other : NO

8. Any three problems faced in the village :

water problem

Place : cheedi pudi

Date : 13/6/22

Signature of the Mentor

N. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good ✓ b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit ✓ c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond ✓ b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : N. Venkatesh Register No : 2022004052041

Semester / Year/Course/Group : III BSC(MPC)

Name of the Guide/Mentor and Department : P. Saravardha

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedipudi (V), Budhup (P), Saravakolam, Sarikakulam (D)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1. | M. Anandhara | Female | 65 | — | — |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. NO 2. NO 3. NO

iv) Do you have Mobile : Yes/No, Mobile number:

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other : NO

8. Any three problems faced in the village : water problem

Place : cheedipudi

Date : 13/6/22

Signature of the Mentor

Signature of the Student

N. Venkatesh

GOVERNMENT DEGREE COLLEGE :: KARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Name of the Student: N. Venkatesh

Register No: 2022004052041

Semester / Year/Course/Group: II BSc (M.P.C)

Name of the Guide/Mentor and Department: P. Sri P. Dya.

Community Social Service Project - Socio Economic Survey

1. Address of the family: Cheedipudi (V), Guduthi (P), Sannakota (M), Sri Babulani (D)

2. Family Details:

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1. | N. Chinnaiah | Female | 65 | — | — |
| 2. | N. Appaiah | male | 70 | — | — |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details: i) Caste: BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion: Hindu

4. Economic Status details:

i) Type of House Building: Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land: Yes/No if yes NO acres.

iii) Names of crops:

iv) Cattle: NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet: Yes/No ✓

vi) Type cooking fuel used: LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle: two wheeler/ auto/car/any other vehicle NO

5. Health Details:

i) Diseases in family: NO ✓

ii) Do you have Government Arogyasri Card: Yes/No

6. Other details:

i) Do you have TV: Yes/No ✓

ii) Do you have Dish connection: Yes/No ✓

iii) Channels watched regularly: 1. E-TV 2. Maq-TV 3.

iv) Do you have Mobile: Yes/No, Mobile number:

Laptop: yes/no, internet availability: Yes/No ✓

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

7. Name of the Govt. Schemes received:

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raitlu Bharosa / Any other: NO

8. Any three problems faced in the village: Water problem

Place: Cheedipudi

Date: 5/6/22

Signature of the Mentor

Signature of the Student

N. Venkatesh

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action ✓ c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh
Semester / Year/Course/Group : III BSc (NPU)

Register No : 202200405204

Name of the Guide/Mentor and Department : P. Sri Padma

Community Social Service Project - Socio Economic Survey

1. Address of the family : Cheedipudi (V), Ballari (CP), Saravakota (M), Sri Katalam (M)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1. | T. Krishna | male | 20 | — | farmer |
| 2. | T. Bhavani | Female | 25 | — | farmer |
| 3 | T. Kama | male | 6 | — | — |
| 4 | T. Laxmi | Female | 3 | — | — |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO ✓

ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. ma-tv 2. E-T-V 3. _____

iv) Do you have Mobile : Yes/No, Mobile number: _____

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raitu Bharosa / Any other : NO

8. Any three problems faced in the village : water problem.

Place : cheedipudi

Date : 11/6/22

Signature of the Mentor

V. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: KARASANNAPETA

DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action ✓ c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : v.venkatesh Register No : 2022006052061
Semester / Year/Course/Group : II Sem (BSC) MPC
Name of the Guide/Mentor and Department : P. Sri Pradya

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasannapeta (V), NP (P)/NP (M), Srihakkulam (P)
2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | D. Mahesh | male | 35 | 12th | farmer |
| 2. | D. Bravani | Female | 28 | - | - |
| 2. | D. mahi | male | 15 | 12th | student |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)
ii) Religion : Hindu

4. Economic Status details :

- i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ☒
ii) Availability of Agricultural land : Yes/No if yes NO acres.
iii) Names of crops :
iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO
v) Do you have own toilet : Yes
vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes
vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle Yes

5. Health Details :

- i) Diseases in family : NO ☒
ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

- i) Do you have TV : Yes/No ☒
ii) Do you have Dish connection : Yes/No ☒
iii) Channels watched regularly : 1. E-TV 2. MAA-TV 3. _____
iv) Do you have Mobile : Yes/No, Mobile number: _____ Laptop :yes/no, internet availability : Yes/No ☒
v) Is internet available at home : Yes/No ☒

7. Name of the Govt. Schemes received :

Jagananna Vidhya Devena/Jagananna Vasati Devena / Raithu Bharosa / Any other : Yes

8. Any three problems faced in the village : NO

Place : Narasannapeta

Date : 7/6/22

Signature of the Mentor

v.venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: KARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b ✓
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Name of the Student : V. Venkatesh

Register No : 2022004059041

Semester / Year/Course/Group : III (BSc MPC)

Name of the Guide/Mentor and Department : P. Sri Pradya

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasahapeta (V), Narasahapeta (P), NDCM, Sri Pakhalmandi

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | K. Mohan | Male | 32 | 10th | Farmer |
| 2 | K. Ratni | Female | 28 | — | Farmer |
| 3 | K. Ramesh | Male | 17 | 12th | Student |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops : NO

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

i) Do you have TV : Yes/No Yes

ii) Do you have Dish connection : Yes/No

iii) Channels watched regularly : 1. K-T.V 2. maa-TV 3. —

iv) Do you have Mobile : Yes/No, Mobile number:

Laptop : yes/no, internet availability : Yes/No Yes

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other : Yes

8. Any three problems faced in the village : NO

Place : Narasannapeta

Date : 7/6/22

Signature of the Mentor

V. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: KARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit ✓
b) Drainage System
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug c) Shower/Sauna ✓
7. What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action c) None ✓
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit d) none ✓
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh

Register No : 2029 00 40 52041

Semester / Year/Course/Group : III BSc (Comp)

Name of the Guide/Mentor and Department : P. Sri PV Prasad

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasannapeta (V), Narasannapeta (P), N.P (M), Sri Prakulam (D)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | B. S. Bhachalam | Male | 56 | 10th | — |
| 2 | B. Lakshmi | Female | 52 | — | — |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : APNDUS

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. NO 2. NO 3. NO

iv) Do you have Mobile : Yes/No, Mobile number:

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other : NO

8. Any three problems faced in the village : NO

Place : Narasannapeta

Date : 7/6/22

Signature of the Mentor

N. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh Register No : 2022004052041
Semester / Year/Course/Group : BSC.CMPOT II nd year
Name of the Guide/Mentor and Department : P. Sri Vidya

Community Social Service Project - Socio Economic Survey

1. Address of the family : Tellidupeta (V), Kalata (P), Hiramandalam (M), Sri Kakulam (D)

2. Family Details :

| S NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|------------------|------------|
| 1 | V. Krishnarao | male | 49 | 10 th | farmer |
| 2 | V. Krishnaveni | Female | 45 | 5 th | farmer |
| 3 | V. Anithakumari | Female | 21 | Degree | student |
| 4 | V. Venkatesh | male | 19 | Degree | student |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindus

4. Economic Status details :

- i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓
ii) Availability of Agricultural land : Yes/No if yes NO acres.
iii) Names of crops : NO
iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO
v) Do you have own toilet : Yes
vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes
vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

- i) Diseases in family : NO
ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

- i) Do you have TV : Yes/No
ii) Do you have Dish connection : Yes/No
iii) Channels watched regularly : 1. MAA-TV 2. E-TV 3. Fee-TV
iv) Do you have Mobile : Yes/No, Mobile number: 7993771110 Laptop : yes/no, internet availability : Yes/No
v) Is internet available at home : Yes/No

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other :

8. Any three problems faced in the village : NO Bridge (41 year)

Place : Tellidupeta

Date : 3/6/22

Signature of the Mentor

Venkatesh.
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project
"WATER FACILITIES AND DRINKING WATER AVAILABILITY"
Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit ✓
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit ✓ c) 100lit d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond ✓ b) Lake c) River ✓ d) a or b
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Name of the Student : V. Venkatesh Register No : 2028004052041

Semester / Year/Course/Group : III (MP C) BSC

Name of the Guide/Mentor and Department : P. Srinivasa

Community Social Service Project - Socio Economic Survey

1. Address of the family : Cheedipudi (CV), Buduthi (CP), Saravakota (M), Sri Kakulam (CD)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | CH. Ramalingam | Male | 56 | — | farmer |
| 2 | CH. Janaki | Female | 50 | — | farmer |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. E-TV 2. zee-TV 3.

iv) Do you have Mobile : Yes/No, Mobile number:

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevena/Jagananna Vasati Deevena / Raithu Bharosa / Any other : NO

8. Any three problems faced in the village : what ever problem

Place : Cheedipudi

Date : 4/6/22

Signature of the Mentor

Signature of the Student

V. Venkatesh

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA

DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action c) None ✓
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Name of the Student : V. Venkatesh

Register No : 2022004052041

Semester / Year/Course/Group : III BSC(MPC)

Name of the Guide/Mentor and Department : P. Sri Pritha

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedipudi(v), Budthipeta, Soraakotam, Sri Pakulam CD

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | D. Chinmaya | male | 65 | — | — |
| 2 | D. Gummamma | Female | 60 | — | — |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindus

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify LPG

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. Kaada-TV 2. F-TV 3. _____

iv) Do you have Mobile : Yes/No, Mobile number: _____

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana/Jagananna Vasati Deevana / Raithu Bharosa / Any other : ✓

8. Any three problems faced in the village :

NO

Place : cheedipudi

Date : 4/6/22

Signature of the Mentor

V. Venkatesh

Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied ✓
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b ✓
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Name of the Student : V. Venkatesh Register No : 2099006052041
Semester / Year/Course/Group : BSC (MP)

Name of the Guide/Mentor and Department : P. Sri Padma

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedipudi (V), Budupudi (P), Saravakota (M), Srikanthapuram

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1. | K. Sherath | male | 28 | 12th | farmer |
| 2. | K. Mani | Female | 24 | 12th | farmer |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)
ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle Yes

5. Health Details :

i) Diseases in family : NO ✓

ii) Do you have Government Arogyasri Card : Yes/No

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. E-TV 2. Maa-T.V 3.

iv) Do you have Mobile : Yes/No, Mobile number:

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana / Jagananna Vasati Deevana / Raitu Bharosa / Any other : NO

8. Any three problems faced in the village : water problem

Place : cheedipudi

Date : 5/6/22

Signature of the Mentor

Signature of the Student

V. Venkatesh

GOVERNMENT DEGREE COLLEGE :: NARASANKAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit ✓ d) More
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit ✓ b) 80lit c) 100lit d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit ✓ b) 40 lit c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond ✓ b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh

Register No : 2022006052041

Semester / Year/Course/Group : II BSCCM.P.C

Name of the Guide/Mentor and Department : P. Sri Pradya

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedipudi (v), Budipthi (P), Sora vakola (M), Sri Pakulam (CO)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|---------------------|-------------|-----------|------------------------|---------------|
| 1 | <u>K. Venkatesh</u> | <u>male</u> | <u>30</u> | <u>12th</u> | <u>farmer</u> |
| 2 | <u>K. Teja</u> | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle Yes

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. E-TV 2. maa-TV 3. _____

iv) Do you have Mobile : Yes/No, Mobile number: _____

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana / Jagananna Vasati Deevana / Raithu Bharosa / Any other : NO

8. Any three problems faced in the village : water problem

Place : cheedipudi

Date : 5/6/22

Signature of the Mentor

Signature of the Student

V. Venkatesh

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project
"WATER FACILITIES AND DRINKING WATER AVAILABILITY"
Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More
9. Do you experience water shortages ✓
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action c) None'
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit ✓ d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b ✓
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh

Register No : 2022006052041

Semester / Year/Course/Group : III BSc (MPC)

Name of the Guide/Mentor and Department : P. Sri Vidyai

Community Social Service Project - Socio Economic Survey

1. Address of the family : Cheedipudi (v), Budhithi (v), Saravakota (v), Sri Kalu (v)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|------------------|------------|
| 1 | K. Ravi | male | 28 | 10 th | farmer |
| 2 | K. Santhu | Female | 22 | 10 th | — |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. E-TV 2. maa-TV 3. _____

iv) Do you have Mobile : Yes/No, Mobile number: _____

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevena/Jagananna Vasati Deevena / Raithu Bharosa / Any other : NO

8. Any three problems faced in the village :

water problem

Place : cheedipudi

Date : 13/4/22

Signature of the Mentor

V. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA

DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No ✓ b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits b) Community action ✓ c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid ✓
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond ✓ b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Name of the Student : N. Venkatesh

Register No : 2022004052041

Semester / Year/Course/Group : III (BSc) MPC

Name of the Guide/Mentor and Department : P. Sri V Pdy

Community Social Service Project - Socio Economic Survey

1. Address of the family : cheedipudi (CV), Reddipati (CP), Saravakota (CM), Sri Kakula (CD)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 01. | D. Govinda. | Male | 42 | — | farmer |
| 2. | D. Neelaveni | Female | 38 | — | farmer |
| 3. | D. Srihar. | male | 16 | inter | student |
| 4. | D. Mallesh. | male | 12 | 9th | Student |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion : Hindus

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops :

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. Free-TV 2. E-TV 3. _____

iv) Do you have Mobile : Yes/No, Mobile number: _____

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevana / Jagananna Vasati Deevana / Raithu Bharosa / Any other : Yes

8. Any three problems faced in the village : water problem

Place : cheedipudi

Date : 15/6/22

Signature of the Mentor

N. Venkatesh
Signature of the Student

GOVERNMENT ENGINEER COLLEGE :: HARASANNAPETA

DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have: ✓
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap
2. What type of water do you use for drinking: a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid ✓
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More ✓
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

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**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student: V. Venkatesh

Register No: 2022004062041

Semester / Year/Course/Group: III BSc) M.P.C

Name of the Guide/Mentor and Department: P. Sri Padma

Community Social Service Project - Socio Economic Survey

1. Address of the family: cheedipudi (v), Budithip (P), Soraavakota (M), Srikakulam (D)

2. Family Details:

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|-----------|------------|
| 1 | K. Srinu | Male | 56 | - | FARMER |
| 2 | K. Saradha | Female | 48 | 10th | FARMER |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details: i) Caste: BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion: Hindu

4. Economic Status details:

i) Type of House Building: Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land: Yes/No if yes NO acres.

iii) Names of crops:

iv) Cattle: NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet: Yes/No ✓

vi) Type cooking fuel used: LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle: two wheeler/ auto/car/any other vehicle Yes

5. Health Details:

i) Diseases in family: NO

ii) Do you have Government Arogyasri Card: Yes/No ✓

6. Other details:

i) Do you have TV: Yes/No ✓

ii) Do you have Dish connection: Yes/No ✓

iii) Channels watched regularly: 1. Maa-TV 2. E-TV 3. _____

iv) Do you have Mobile: Yes/No, Mobile number: _____

Laptop: yes/no, internet availability: Yes/No ✓

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

7. Name of the Govt. Schemes received:

Jagananna Vidhya Deevana / Jagananna Vasati Deevana / Raitu Bharosa / Any other: NO,

8. Any three problems faced in the village: water problem

Place: cheedipudi

Date: 15/6/22

Signature of the Mentor

V. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water ✓ c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory ✓ c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit
b) Drainage System ✓
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit ✓ d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit ✓ c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b ✓
20. Is your village comes under coastal area: yes/no ✓

**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student: N. Venkatesh

Register No: 2022004052041

Semester / Year/Course/Group: III (MPC) BSc

Name of the Guide/Mentor and Department: P. SriVPdya

Community Social Service Project - Socio Economic Survey

1. Address of the family: Cheedipudi (V), Budithipeta, Saravakota (M), Srikakulam (D)

2. Family Details:

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|--------------------|--------|-----|------------------|------------|
| 1 | P. Venkatarao | male | 50 | — | Barber |
| 2 | P. Krishnaveni | Female | 45 | — | — |
| 3 | P. Nagam | Female | 19 | 12 th | Student |
| 4 | P. Monika | Female | 17 | 12 th | Student |

3. Social Status details: i) Caste: BC-D (SC/ST/BC-A/B/C/D/OC)

ii) Religion: Hindu

4. Economic Status details:

i) Type of House Building: Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land: Yes/No if yes NO acres.

iii) Names of crops:

iv) Cattle: NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet: Yes/No ✓

vi) Type cooking fuel used: LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle: two wheeler/ auto/car/any other vehicle NO

5. Health Details:

i) Diseases in family: NO

ii) Do you have Government Arogyasri Card: Yes/No ✓

6. Other details:

i) Do you have TV: Yes/No ✓

ii) Do you have Dish connection: Yes/No ✓

iii) Channels watched regularly: 1. Maa-TV 2. Free-TV 3. —

iv) Do you have Mobile: Yes/No, Mobile number:

Laptop: yes/no, internet availability: Yes/No ✓

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

7. Name of the Govt. Schemes received:

Jagananna Vidhya Deevena / Jagananna Vasati Deevena / Raithu Bharosa / Any other: Yes

8. Any three problems faced in the village: water problem

Place: Cheedipudi

Date: 11/6/22

Signature of the Mentor

N. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

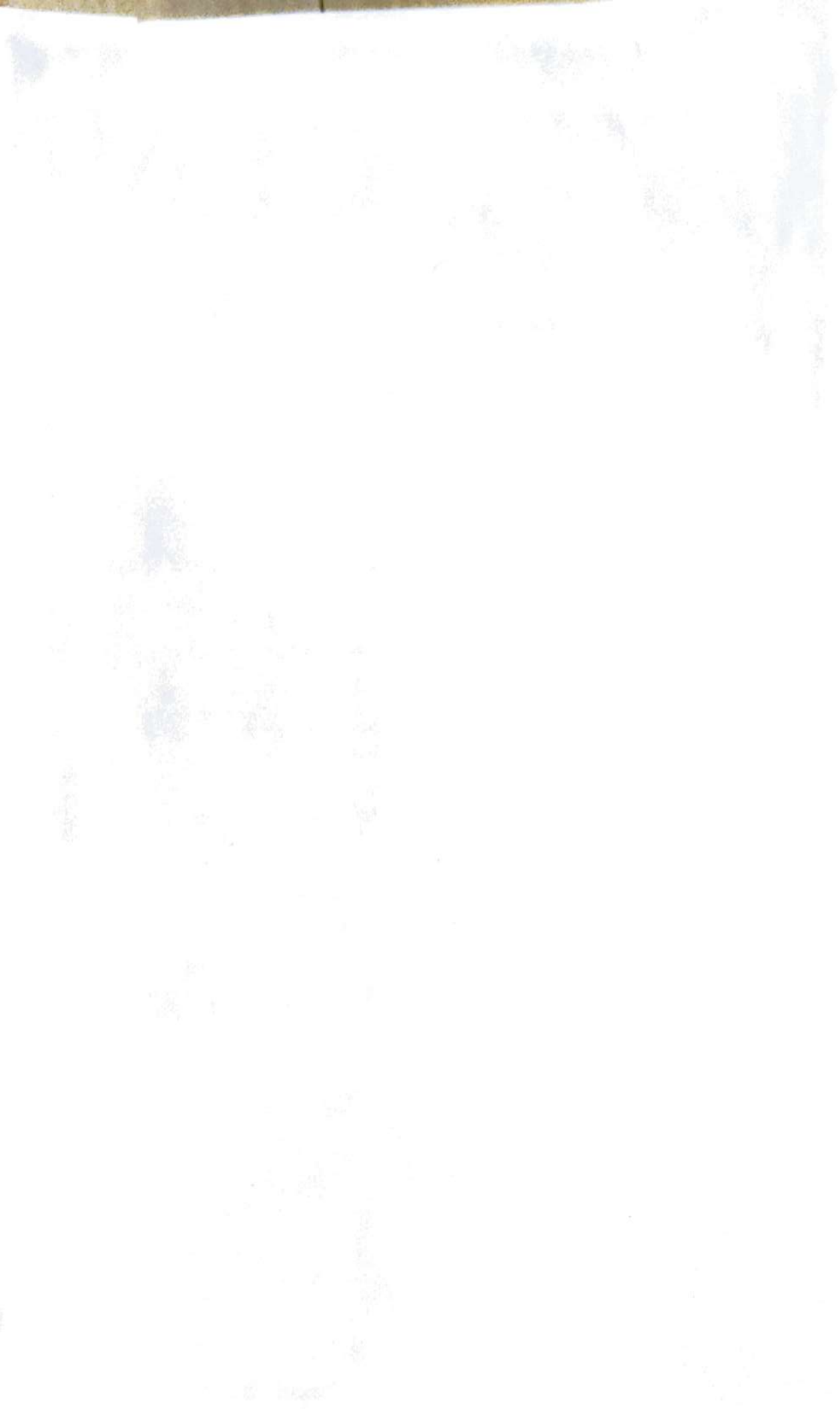
1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
2. What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
3. How do you evaluate the quality of your drinking water
a) Very Good b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No ✓
5. What kind of Sewage System do you have
a) In house pit ✓
b) Drainage System
c) Polluted Water is driven into open space i.e; Ground etc
6. How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug ✓ c) Shower/Sauna
7. What kind of washroom do you use: a) Flush b) Bucket/Mug ✓ c) ODF
8. How much Water do you use for a day: a) 10lit b) 15lit c) 20lit d) More ✓
9. Do you experience water shortages
a) No b) Rarely ✓ c) Almost every year d) It is constant problem
10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12. Does the water you use is a) Fluoride water b) Hard water c) None ✓
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times d) >6 times ✓
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit ✓ d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit b) 40 lit c) 50 lit ✓ d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY
LOG BOOK FOR COMMUNITY SOCIAL SERVICE PROJECT

Name of the Student : V. Venkatesh.
 Group : BSc (M. PC)
 Register No : 2022004052041

| S.No | Date and Day | No of Houses visited | Activity Conducted | Signature of the student |
|------|-------------------------|----------------------|--------------------|--------------------------|
| 1 | 03-06-2022 Friday | 02 | water service | V. Venkatesh |
| 2 | 04-06-2022 Saturday | 03 | water service | V. Venkatesh |
| 3 | 05-06-2022 Sunday | 03 | water service | V. Venkatesh |
| 4 | 07-06-2022 Tuesday | 03 | water service | V. Venkatesh |
| 5 | 08-06-2022 Wednesday | 03 | water service | V. Venkatesh |
| 6 | 13-06-2022 Monday | 03 | water service | V. Venkatesh |
| 7 | 21-06-2022 Wednesday | 03 | water service | V. Venkatesh |
| 8 | 14-06-2022 Tuesday | | | |
| | | | | |
| | | | | |
| | | | | |

P. Srividyas
 Signature of the Mentor



**GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF CHEMISTRY**

Name of the Student : V. Venkatesh

Register No : 2022004052011

Semester / Year/Course/Group : III Semester

Name of the Guide/Mentor and Department : P. Srivathsa

Community Social Service Project - Socio Economic Survey

1. Address of the family : Cheedipudi (V), Budhup (P), Saravakota (M), Srikatapur (B)

2. Family Details :

| S.NO | Name of The Person | Gender | Age | Education | Profession |
|------|---------------------|---------------|-----------|-----------|---------------|
| 1. | <u>T. Annamalai</u> | <u>Female</u> | <u>60</u> | <u>-</u> | <u>farmer</u> |
| | | | | | |
| | | | | | |
| | | | | | |

3. Social Status details : i) Caste : BC-D (SC/ST/BC-A/B/C/D/OC)
ii) Religion : Hindu

4. Economic Status details :

i) Type of House Building : Hut/semi pucca/pucca/apartment/bungalow/rented or own ✓

ii) Availability of Agricultural land : Yes/No if yes NO acres.

iii) Names of crops : NO

iv) Cattle : NO cows NO ox NO buffaloes NO sheep/goats NO

v) Do you have own toilet : Yes/No ✓

vi) Type cooking fuel used : LPG/Kerosene/Electricity/wood/others specify Yes

vii) Do you have vehicle : two wheeler/ auto/car/any other vehicle NO

5. Health Details :

i) Diseases in family : NO

ii) Do you have Government Arogyasri Card : Yes/No ✓

6. Other details :

i) Do you have TV : Yes/No ✓

ii) Do you have Dish connection : Yes/No ✓

iii) Channels watched regularly : 1. MDA-TV 2. E-TV 3. Zee-TV

iv) Do you have Mobile : Yes/No, Mobile number:

Laptop : yes/no, internet availability : Yes/No ✓

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

7. Name of the Govt. Schemes received :

Jagananna Vidhya Deevena / Jagananna Vasati Deevena / Raithu Bharosa / Any other : ✓

8. Any three problems faced in the village : NO

Place : Cheedipudi

Date : 3/6/22

Signature of the Mentor

V. Venkatesh
Signature of the Student

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF CHEMISTRY

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

1. What type of Water System do you have:
a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap ✓
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b) Drainage System ✓
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10. Do you have water conservation methods: a) Pits ✓ b) Community action c) None ✓
11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid ✓
12. Does the water you use is a) Fluoride water b) Hard water c) None
13. How often do you clean water storage tanks per year
a) Once b) 2-3 times c) 4 times ✓ d) >6 times
14. Are you interested to learn Water conservation methods: Yes/No ✓
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit ✓ d) More
16. How much water is used for drinking (only) in your total family per a day
a) 30 lit ✓ b) 40 lit c) 50 lit d) none
17. Is there any RO System (water plant) in your village: yes/no ✓
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None ✓
19. What type of Water bodies are there in your village
a) Pond ✓ b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no ✓
