

GOVERNMENT DEGREE COLLEGE, NARASANNAPETA

DEPARTMENT OF MATHEMATICS

COMMUNITY SERVICE PROJECT REPORT

Submitted in the partial fulfillment for B.Sc (M.P.C) Internship

(Batch 2022-2023)



PROJECT NAME: WATER FACILITIES AND DRINKING WATER AVAILABILITY

Submitted by

(BORA HARIKRISHNA)

(Reg No :2022004052005)

B.Sc (M.P.C) 3rd Semester

Under the Mentorship of

M Harika

Lecturer in Mathematics

**Government Degree College, Narasannapeta
Srikakulam District-532421**

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**GOVERNMENT DEGREE COLLEGE, NARASANNAPETA
SRIKAKULAM DISTRICT**

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DEPARTMENT OF MATHEMATICS

CERTIFICATE

Certified that the project report titled

"WATER FACILITIES AND DRINKING WATER AVAILABILITY" is the
bonified work of **BORA HARIKRISHNA** (Reg .No :2022004052005)
who carried out the project work under the supervision of Smt M Harika.


Signature of the Mentor

DATE: 30/9/2022
STATION: Narasannapeta.


Govt. Degree College
NARASANNAPETA

DECLARATION

I hereby declare that the project report titled "WATER FACILITIES AND DRINKING WATER AVAILABILITY". This has been undertaken for the purpose of partial fulfillment of B.Sc(MPC) in Govt.Degree College, Narasannapeta.

B. Hanikrishna
Signature of the student

Date: 29/7/2022

(Reg No: 2022004052005)

M. Shanthi Han

PRINCIPAL
GOVT. DEGREE COLLEGE
NARASANNAPETA-532 421
Srikakulam Dist.

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" in Village.

~~K. P. Rao~~ I wish to express my gratitude to the Ward member and sarpanch of B. Sen to do a community service project in the summer. They provided me with their assistance and support whenever needed, which has been instrumental in completion of this project. I am thankful to Smt M. Shanthiham, Principal of Government Degree College, Narasannapeta for their support and encouragement throughout the tenure of the project, Also I am thankful to my faculty mentor Smt M. Harika, lecturer in Mathematics Government degree college, Narasannapeta for being a source of support during this training period.

B. Harikrishna
STUDENT NAME

(-----)

Reg No: 2022004052005

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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.

**ABOUT TOPIC : "WATER FACILITIES AND DRINKING WATER
AVAILABILITY"**

1 Introduction

Water supply is one of the basic services for demographic, social and economic development of a society and its provision is made compulsory by Public Administrations. Law 7/1985 Regulating the Local Regime Databases determines, in articles 25.2 and 26.1, that the supplying of drinking water is a service that comes under the jurisdiction of municipalities, although it may be managed directly by municipal councils themselves, or indirectly via other, private or public legal entities.

Urban demand for water shows a great deal of uniformity in its use, this being one of its main features. This is because it includes both domestic use and other uses of water, such as municipal, collective, industrial, commercial, as well as agricultural use. In turn, the tourist industry and the second homes generate, in many areas of Spain, a large demand on its supply, and may even end up exceeding demand corresponding to the population habitually resident there (resident population).

The need to have access to reliable and regular data regarding uses of water is without question. In light of this, developing a statistical information system for monitoring and assessing current and future political actions regarding water management in Spain.

The Survey on Water Supply and Sanitation presented here has been designed to serve the aforementioned purposes. This survey is framed within operation 6091 "Statistic on water supply and sewerage" which appears in the National Statistical Plan 2013-2016.

2 Objectives

The main objective of this survey is to quantify in physical units and value in economic magnitudes the activities relating to the so-called *integral water cycle*, comprising water supply and treatment (sewerage system and filtering of waste water).

Other survey objectives are:

- To provide information necessary for drafting water satellite accounts.
- To meet the demand for this type of data by different users (national and international bodies, companies in the sector and public administrations).
- To integrate the information obtained with data provided by INE company economic surveys (industrial and services) in order to gain a fuller picture of the water situation in our economy.
- To draft synthesis indicators enabling interpretation of results obtained from users.

3 Description of the production activity

Water supply is a service that comes under municipal jurisdiction, and that can be managed directly (management by the actual Municipal council or municipal company) or indirectly via mixed companies, concessions to private companies, or consortia. Management may also be undertaken by local supramunicipal bodies (associations of municipalities, metropolitan areas or groups of municipalities) or Autonomous Community ones (Autonomous institutions and bodies, consortia between local and Autonomous Community administrations).

Urban demand for water is uniform in terms of its use and the pricing structures do not allow for consumption classified according to type of user to be assessed reliably. This inconvenience jeopardises the reliability of water use estimates classified by economic sector, thereby making it essential to cover other surveys enabling a more accurate estimate of water use by economic sector such as the use of water in the industrial and services sectors.

In order to avoid repetitions, the activity of high-level water distribution is differentiated from other integral water cycle activities. This activity is characterised by collecting water from the environment in order to supply those managing urban water, the latter being responsible for low-level water distribution via supply networks to end users, such as households and economic sectors (industry and services) and where appropriate, agriculture in the livestock subsector. High-level water collection is undertaken by associations or groups of municipalities and other administrative institutions (hydrographical confederations, water companies or administrative bodies attached to the Autonomous Community Administration).

Despite there being an obligation to monitor and treat the wastewater, the main drive in this respect came about with the enactment of Community Directive 91/271/CE, relating to treatment of waste water (and its subsequent amendments, Directive 98/15/CE). The implementation of the National Sewage and Wastewater Filtering Plan, as a tool for planning sewerage and waste water filtering infrastructures, has entailed the signing of agreements between public administrations, in order to speed up the approving of operational programmes when dealing with compliance with the community directive.

Regarding this issue, municipal councils and Autonomous Communities are also responsible for this public service, which may be managed, as with water supply, directly (self-management) or indirectly (franchises assets to private companies).

4 Variables and definitions

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.

-**Wastewater treatment:** this concept considers the total amount of profit during the year for all wastewater filtering services. Corresponds to the amounts charged to users for this concept.

This includes both municipal sewerage fees and taxes of an ecological nature collected for third parties. The latter case entails:

-The sewerage tax established by the Autonomous Community body withfor defraying the construction and maintenance of wastewater filtering plants.

-Taxes for disposing of said water Hydraulic Public Domain (Hydrographical

Confederation dumping control fee or where appropriate, dumping fee established by Autonomous Communities). The fee for dumping at sea is included in this section.

- **Wastewater treatment**

This refers to all operations carried out to amend the features of wastewater in order for it to be reused or returned to nature of a high enough level of quality. Types of treatment considered in this survey are:

- Primary treatment,
- Secondary or biological treatment,
- Tertiary treatment,
- Soft technologies and septic tanks

Types of plant considered in this survey are:

-Plants that only carry out primary treatment. Physical-chemical treatment. This includes physical and chemical processes by means of which clear effluents are obtained by decanting, flotation, desanding or degreasing, having had those oils, greases or sludges removed.

-Plants that carry out primary and secondary treatment. Physical-chemical and biological treatment. Biological treatment may be aerobic and anaerobic and refers to techniques that use micro-organisms for breaking down organic matter such as active sludges or digesters.

-Plants that carry out primary and secondary and tertiary treatment. Advanced or more thorough physical-chemical and biological treatment. This tertiary or advanced treatment includes processes such as inverse osmosis, ozone treatment, electrodialysis and denitrification.

-Plants that apply soft technologies. Technologies applied to slightly polluted wastewater or as a treatment prior to discharge to the sewerage network or to primary treatment. Some of these are: lagooning, peat layers, biodiscs or rotating biological contactors, green filter.

-Septic tank. Treatment system generally used in places where there is no sewerage system. It normally treats small amounts of drainage or polluted water. They are constructed using concrete, bricks, fibreglass, reinforced plastic or metal, forming a tank in which solids sink to the bottom and floating material rises.

In the questionnaire, features are requested for wastewater, before and after their treatment, in order to determine the pollutant load generated.

- **Biochemistry Oxygen Demand (BOD₅)** It is an indicator of the degree of pollution of wastewater. It involves measurements of the amount of dissolved oxygen consumed under specific conditions for biochemical oxidation of all organic material present in the water.

The features of waste water are measured in mg/litre and refer to the annual averages weighted with the current low treated for each of the wastewater treatment plants.

5 Collection of the information

QUESTIONNAIRE

There is a single questionnaire and the informant unit must complete only the sections in which activity has been carried out. In the case of a company carrying out all the characteristic activities relating to the integral water cycle, it must complete all sections.

ORGANISATION OF FIELDWORK

The procedure for obtaining information consists on sending a letter with the password for accessing the online INE platform, where the informant may fill in online the questionnaire. If they wish, they can ask the INE to send them the questionnaire by post, which they will send back afterwards to the INE by post or fax.

Questionnaires are submitted to the sampling units during the third quarter of the year subsequent to that of the reference year.

Staff in charge of the collection of data support collection tasks by directly calling companies that have not returned the questionnaire by email or online within the allotted time, in order to request information from them, advise them where necessary and obtain the completed questionnaire. Tasks ancillary to collection such as the updating of the directory, and the control and revision of the questionnaires, are also carried out.

COMPUTERISED MANAGEMENT OF THE SAMPLE FILE

Companies' sample form, both for monitoring collection, and for updating informant company data, is handled by software created for this purpose, making it possible to guarantee statistical secrecy, monitoring and organisation of the whole process. This system facilitates supervising the collection continuously, integrating the collection and filtering processes and it guarantees an efficient control of the process from the start of the survey as systematic errors in filling out and interpreting the questionnaires may be detected in the initial phases of the survey thereby facilitating their correction.

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student :

Register No :

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

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

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF MATHEMATICS

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

SOCIO ECONOMIC SURVEY



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

Name of the Student : Bora. Harikrishna
 Group : BSC (MPC) (III year)
 Register No : 2022004052005

S.No	Date and Day	No of Houses visited	Activity Conducted	Signature of the student
1.	23/05/22 (Monday)	03	Socio Economic Survey and Questionnaire	B. Harikrishna
2.	27/05/22 (Friday)	03	Survey on Water Facilities	B. Harikrishna
3.	07/06/22 (Wednesday)	03	Survey on Drinking water	B. Harikrishna
4.	09/06/22 (Thursday)	03	Survey conducted on water facilities	B. Harikrishna
5.	10/6/22 (Saturday)	03	Survey Conducted on Drinking water facilities	B. Harikrishna
6.	11/6/22 (Sunday)	03	Data collected by using Questionary	B. Harikrishna
7.	13/6/22 (Tuesday)	03	problems identified and recommended some suggestions.	B. Harikrishna


 Signature of the Mentor

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Hanikrishna Register No :

Semester / Year/Course/Group : IInd Year BSC [MPC]

Name of the Guide/Mentor and Department :

Community Social Service Project -Socio Economic Survey

1. Address of the family : Narasannapeta (V), Srikakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	S. Chinnappa	male	45	5 th	Farmer
	S. Nekkamma	Female	39	-	Di
	S. Mani	male	20	Degree	Education
	S. Anasakti	male	19	Inter	Education

3. Social Status details : i) Caste : BC-A (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 _____ acres.

iii) Names of crops : yy

iv) Cattle : _____ cows _____ ox _____ buffaloes _____ sheep/goats yy

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 _____

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. E-TV 2. Gamini-TV 3. maa-TV

iv) Do you have Mobile : Yes/No, Mobile number: 9174053434 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 :

8. Any three problems faced in the village : 1) Drainage Problem

Place : Narasannapeta

Date : 10-06-22

Signature of the Mentor

B. Hanikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No : _____
Semester / Year/Course/Group : IIIrd sem - 2022 - Degree - BSC [MP]
Name of the Guide/Mentor and Department : _____

Community Social Service Project - Socio Economic Survey

1. Address of the family : Gottipalli (village), L.N Petalim, Srikulam (D)
2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
K.	venkatesh	male	45 years	5 th	Driver
K.	Bhavarathi	Female	42 years	10 th	Housewife
K.	Govindh	male	20 years	Inter 1 st	Education
K.	Rama	Female	15 years	10 th	Education

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 _____ acres.

iii) Names of crops : No

iv) Cattle : _____ cows _____ ox _____ buffaloes _____ 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 _____

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. Gemine 3. maatv

iv) Do you have Mobile : Yes/No, Mobile number : 830530918 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 / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1) electrical problem

2) Dragey problem

Place : Gottipalli

Date : 23-05-2022

K. Venkatesh
Signature of the Mentor
H. A.

B. Harikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No. :
Semester / Year / Course / Group : IInd year BJC [MPC]
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Gottipalli, L.N. petalam, srikakulam(D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	N. Narayana	male	34	5 th	fisherman
	N. Sneha	female	30	10 th	house wife
	N. Ramu	male	14	9 th	
	N. Ramya	female	12	6 th	

3. Social Status details : i) Caste : SC (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 _____ acres.

iii) Names of crops : No

iv) Cattle : _____ cows _____ ox _____ buffaloes _____ sheep/goats _____ No

v) Do you have own toilet : Yes/No ✓

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

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

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. ETV 2. Gemini 3. maatv ✓

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 / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1. Electrical Problem

2. Drainage Problem

3. Water Problem

Place : Gottipalli
Date : 23-05-22

N. Sneha
Signature of the Mentor

B. Harikrishna
Signature of the Student

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

Name of the Student : Bora Harikrishna Register No :

Semester / Year/Course/Group : IInd B-SC(MPC)

Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family :

2. Family Details :

Gottipalli (village), L.N petal (N), Srikakulam

S.NO	Name of The Person	Gender	Age	Education	Profession
	<u>P. Sambamurthy</u>	<u>male</u>	<u>30 years</u>	<u>5th</u>	<u>farmer</u>
	<u>P. Rani</u>	<u>female</u>	<u>25 years</u>	<u>5th</u>	<u>housewife</u>
	<u>P. Sailu</u>	<u>female</u>	<u>15 years</u>	<u>inter</u>	
	<u>P. Sagar</u>	<u>male</u>	<u>12 years</u>	<u>8th</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 _____ acres.

iii) Names of crops : No

iv) Cattle : _____ cows _____ ox _____ buffaloes _____ sheep/goats _____ No

v) Do you have own toilet : Yes/No ✓

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

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

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. Gemini 3. maatv ✓

iv) Do you have Mobile : Yes/No, Mobile number: 9170543 top : 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 / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1. electrical problem

2. drainage problem

Place : Gottipalli

Date : 23-05-22

Signature of the Mentor

H. A.

Signature of the Student

B. Harikrishna

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No : _____

Semester / Year/Course/Group : IInd year BSc (MPC)

Name of the Guide/Mentor and Department : _____

Community Social Service Project - Socio Economic Survey

1. Address of the family : Gottipalli, L.N. Peta (M), Srikakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	<u>L. Prasad</u>	<u>male</u>	<u>55 year</u>	<u>-</u>	<u>Farmer</u>
	<u>L. Lavitamma</u>	<u>Female</u>	<u>49 year</u>	<u>10th</u>	<u>Housewife</u>
	<u>L. Ramu</u>	<u>Female</u>	<u>20 year</u>	<u>Degree</u>	<u>Education</u>
	<u>L. Rani</u>	<u>Female</u>	<u>18 year</u>	<u>Inter</u>	<u>Education</u>

3. Social Status details : i) Caste : BC - A (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 1 acres.

iii) Names of crops : yes

iv) Cattle : yes cows yes ox yes buffaloes yes 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 -

5. Health Details :

i) Diseases in family : yes

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. ETV 2. Ganini TV 3. maa TV

iv) Do you have Mobile : Yes/No, Mobile number : 91864377 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 / Ralhu Bharosa / Any other : No

8. Any three problems faced in the village : 1) Electrical Problem

Place : Gottipalli
Date : 23-05-22

B. Harikrishna
Signature of the Mentor

B. Harikrishna
Signature of the Student

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

Name of the Student : B. Harikrishna Register No :
Semester / Year/Course/Group : IInd year BSc (MIX)
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Gottipalli (V), L.N Peta (M), Srikalculam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	T. Krishna Rao	male	50 years	-	Farmer
	T. appalamma	Female	45 years	-	Housewife
	T. Yamuna	Female	20 years	Degree	Education
	T. Harika	Female	22 years	married	Education

3. Social Status details : i) Caste : BC-A (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 _____ acres.

iii) Names of crops : yes

iv) Cattle : _____ cows _____ ox _____ buffaloes _____ sheep/goats DD

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 —

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. E-TV 2. maa-TV 3. Gamini-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 : NO

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

8. Any three problems faced in the village : 1) electrical Problem

2) Drainage Problem

Place Gottipalli
Date 23-05-22

Signature of the Mentor

H. [Signature]

Signature of the Student
B. Harikrishna

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No. :

Semester / Year/Course/Group : IInd year BSc [MPC]

Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family :

Gottipalli, L.N. Petalim, srilakshmi

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	<u>P. Gurumurthy</u>	<u>male</u>	<u>40</u>	<u>5th</u>	<u>Fisherman</u>
	<u>P. Parvathamma</u>	<u>female</u>	<u>35</u>	<u>5th</u>	<u>housewife</u>
	<u>P. Shobha</u>	<u>female</u>	<u>20</u>	<u>Inter</u>	
	<u>P. Hari</u>	<u>male</u>	<u>18</u>	<u>10th</u>	

3. Social Status details : i) Caste : BC-A (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 _____ acres.

iii) Names of crops : NO

iv) Cattle : _____ cows _____ ox _____ buffaloes _____ 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 _____

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. E-TV 2. Gemini 3. maa-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 Deevana/Jagananna Vasati Deevana / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1. Electrical Problem

2. Drainage Problem

Place :

Date :

Gottipalli

23-05-22

Signature of the Mentor

Signature of the Student

B. Harikrishna

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

Name of the Student : B. Harikrishna Register No :
Semester / Year/Course/Group : IInd year (MPC) BSc
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Gottipalli (village), L.N. Peta (M)
2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	<u>U. Rajakumari</u>	<u>female</u>	<u>46 years</u>	<u>6th</u>	<u>housewife</u>
	<u>U. Simayya</u>	<u>male</u>	<u>48 years</u>	<u>10th</u>	<u>farmer</u>
	<u>U. manjula</u>	<u>female</u>	<u>16 years</u>	<u>Inter</u>	
	<u>U. Harika</u>	<u>female</u>	<u>20 years</u>	<u>degree</u>	

3. Social Status details : i) Caste : SC (SC/ST/BC-A/B/C/D/OC)
ii) Religion : Mother 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 _____ acres.
iii) Names of crops : No
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 HP
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. E-TV 2. Star ma 3. Bremin
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 :

8. Any three problems faced in the village :

1. Drainage problem,

2. electrical problem,

Place :
Date :

Gottipalli,
23-05-22

U. Manjula
Signature of the Mentor

B. Harikrishna
Signature of the Student

Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No :
Semester / Year/Course/Group : IInd BSC [MPC]
Name of the Guide/Mentor and Department :

Community Social Service Project -Socio Economic Survey

1. Address of the family : Gottipalli (v), 2.N Peta (M), Srikalulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	B. Paparao	male	45 years	—	Farmer
	B. Nandhu	Female	40 years	10 th	Housewife
	B. Abinash	male	13 years	Inter	Education
	B. Anjali	Female	10 years	8 th	Education

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 ——— acres.

iii) Names of crops : yes

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

v) Do you have own toilet : Yes/No

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

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

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. C-TV 2. Gamini 3. maatv ✓

iv) Do you have Mobile : Yes/No, Mobile number : 799536988 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 / Raitthu Bharosa /Any other : ✓

8. Any three problems faced in the village : 1) electrical problem

2) Drangey problem
Place : Gottipalli
Date : 27-05-22
Signature of the Mentor : [Signature]
Signature of the Student : B. Harikrishna

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No :
Semester / Year/Course/Group : 2nd BSc(MPC)
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Gottipalli (V), L.N Petal (M), Srikalakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	K. Leetaram	male	50 years	5th	Farmer
	K. Rani	Female	45 years	10th	Housewife
	K. Mohan	male	20 years	degree	Education
	K. Bhavani	Female	14 years	Inter	Education

3. Social Status details : i) Caste : BC-A (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 _____ acres.

iii) Names of crops : NO

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

v) Do you have own toilet : Yes/No

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

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

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. ETV 2. Gamini 3. maatu

iv) Do you have Mobile : Yes/No, Mobile number : 9182624111 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 / Raitu Bharosa / Any other :

8. Any three problems faced in the village :

1) Electrical problem

2) Orange problem

Place : Gottipalli

Date : 27-05-22

R. Harikrishna
Signature of the Mentor

B. Harikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No :

Semester / Year/Course/Group : IInd year BIC [MPC]

Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasannapeta (v), Srikakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	S. Arvind	male	50 years	10 th	Job
	S. Neelima	Female	46	Inter	Housewife
	S. Nandhu	Female	22 years	Degree	Education
	S. Raju	male	20 years	Degree	Education

3. Social Status details : i) Caste : SC (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 _____ acres.

iii) Names of crops : NO

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. E-TV 2. SDTV-TV 3. News

iv) Do you have Mobile : Yes/No, Mobile number: 9550066704 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 :

8. Any three problems faced in the village : 1) Drainage Problem

Place : Narasannapeta
Date : 07-06-22 Signature of the Mentor

B. Harikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No :
Semester / Year/Course/Group : 2nd year BSc (MPC)
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasannapeta (v), Srikakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	Ch. Narayana	male	50 years	10th	Farmer
	Ch. Rani	Female	47 years	—	Housewife
	Ch. Navya	Female	19 years	Inter	Education
	Ch. Anwini	Female	15 years	10th	Education

3. Social Status details : i) Caste : SC (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 ——— acres.

iii) Names of crops : ND

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 — LPG

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. E-TV 2. Ganini 3. Maag-TV

iv) Do you have Mobile : Yes/No, Mobile number: 9550067401 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 / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1) Drainage Problem

Place : Narasannapeta
Date : 07-06-2022 Signature of the Mentor

B. Harikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Hanikrishna Register No :
Semester / Year/Course/Group : IInd year BJC (MPC)
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasannapeta (v), Srikalakum/D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	L. Rajarao	male	50 years	—	work
	L. Narayanamma	Female	48 years	—	Housewife
	L. Seta	Female	19 years	Degree	Education
	L. Laya	Female	married	degree	Housewife

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 ——— acres.

iii) Names of crops : NO

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 — LPG

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. G-TV 2. Goaani-TV 3. maa-TV

iv) Do you have Mobile : Yes/No, Mobile number: 9888888888 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 : 1) Drainage Problem

Place : Narasannapeta
Date : 07-06-22 Signature of the Mentor

B. Hanikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No :
Semester / Year/Course/Group : IInd year BSc(MPC)
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Gottipalli (V), L.N. Pedalm, Srikakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	<u>B. Chinnarao</u>	<u>male</u>	<u>45 years</u>	<u>10th</u>	<u>Farmer</u>
	<u>B. Laxmi</u>	<u>Female</u>	<u>39 years</u>	<u>3rd</u>	<u>House wife</u>
	<u>B. Kumari</u>	<u>Female</u>	<u>20 years</u>	<u>Degree</u>	<u>Education</u>
	<u>B. Aitha</u>	<u>male</u>	<u>18 years</u>	<u>Inter</u>	<u>Education</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 _____ acres.

iii) Names of crops : Yes

iv) Cattle : cows yes ox _____ buffaloes _____ sheep/goats _____

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 _____

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. E-TV 2. maa-TV 3. Gamini-TV

iv) Do you have Mobile : Yes/No, Mobile number: 965266902 Laptop : yes/no, internet availability : Yes/No

v) Is internet available at home : Yes/No

7. Name of the Govt. Schemes received : NO

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

8. Any three problems faced in the village : 1) electrical Problem

2) Drainage Problem

Place : Gottipalli

Date : 23-05-22

B. Harikrishna
Signature of the Mentor

B. Harikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No :
Semester / Year/Course/Group : IInd Year BSc(MPC)
Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family :

Narasannapeta(V), Srikalakulam(D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	Gr. Bagarau	male	49	Graduate	Former
	Gr. Santhamma	female	46	Teacher	Teaching
	Gr. Jessa	male	39	Job	Job
	Gr. Bhame	male	18	Studying	Studying

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 _____ acres.

iii) Names of crops : NO

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 LPG

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. C-ETV 2. News 3. Sports

iv) Do you have Mobile : Yes/No, Mobile number : 91862431 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 / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1) Drainage Problem

Place : Narasannapeta
Date : 09-06-22 Signature of the Mentor

B. Harikrishna
Signature of the Student

Gr. Bhagarau

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

Name of the Student : B. Hanikrishna Register No :

Semester / Year / Course / Group : 1st year BJC (MPC)

Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasannapeta (V), srilakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
1	K. Nandhalama	male	18 ⁺	Graduation	studying
	K. Nandharao	male	45 ⁺	5 th class	farmer
	K. Ramanamma	female	39 ⁺	Inter	housewife
	K. Linganna	male	22 ⁺	Inter	Job
	P. Raju	male	23 ⁺	P.G	Job

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 _____ acres.

iii) Names of crops : NO

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. E-TV 2. Sports 3. News

iv) Do you have Mobile : Yes/No, Mobile number : 7093771892 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 / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1) Drainage problem

Place : Narasannapeta

Date : 09-06-22

Signature of the Mentor

K. Nandharao

B. Hanikrishna
Signature of the Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Name of the Student : B. Harikrishna Register No :

Semester / Year/Course/Group : IInd Year BJC (MPC)

Name of the Guide/Mentor and Department :

Community Social Service Project - Socio Economic Survey

1. Address of the family : Narasannapeta (v), Erikakulam (D)

2. Family Details :

S.NO	Name of The Person	Gender	Age	Education	Profession
	D. Prasad	male	50 years	B.Ed	Job
	D. Navya	Female	48 years	Inter	House-wife
	D. Hari	Female	19 years	Degree	Education
	D. Siri	Female	18 years	Inter	Education

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 _____ acres.

iii) Names of crops : NO

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 LPG

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. E-TV 2. maa TV 3. Sports

iv) Do you have Mobile : Yes/No, Mobile number: 9868866111 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 / Ralthu Bharosa / Any other :

8. Any three problems faced in the village : 1) Orange Problem

Place :

Date :

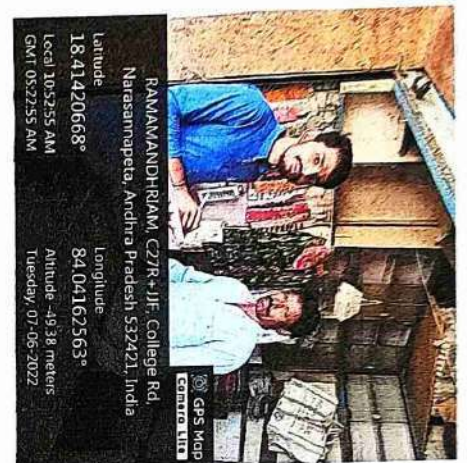
Narasannapeta

10-06-22

Signature of the Mentor

B. Harikrishna
Signature of the Student







PHOTOGRAPH



C27R+PVQ, Narasannapeta, Andhra Pradesh 532421, India

Latitude
18.41419531260635°

Longitude
84.04254535100364°

Local 12:01:28 PM
GMT 06:31:28 AM

Altitude -34.53 meters
Wednesday, 15-06-2022



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

Latitude
18.41413896°

Longitude
84.04160541°

Local 10:53:56 AM
GMT 05:23:56 AM

Altitude -48.53 meters
Tuesday, 07-06-2022



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

Latitude
18.41420668°

Longitude
84.04162563°

Local 10:52:55 AM
GMT 05:22:55 AM

Altitude -49.38 meters
Tuesday, 07-06-2022

WATER FACILITIES

AND

DRINKING WATER

AVAILABILITY

PROJECT REPORT

STUDENT NAME: Bora Harikrishna **MENTOR NAME:** M. Harika

REGISTER NO: 2022004052005 **GOVT.DEGREE COLLEGE**

NARASANNAPETA



C27R+PVQ, Narasannapeta, Andhra Pradesh 532421, India

Latitude

18.413026666666667°

Longitude

84.04314333333332°

Local 11:27:25 AM

GMT 05:57:25 AM

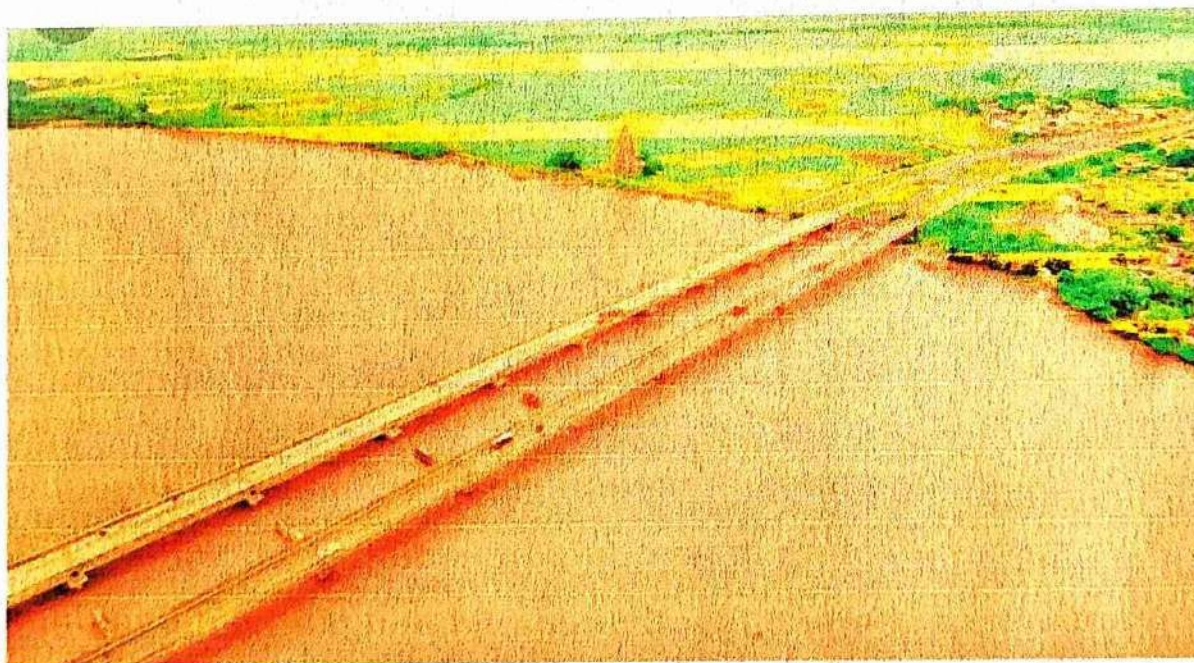
Altitude 8.17 meters

Monday, 06.06.2022

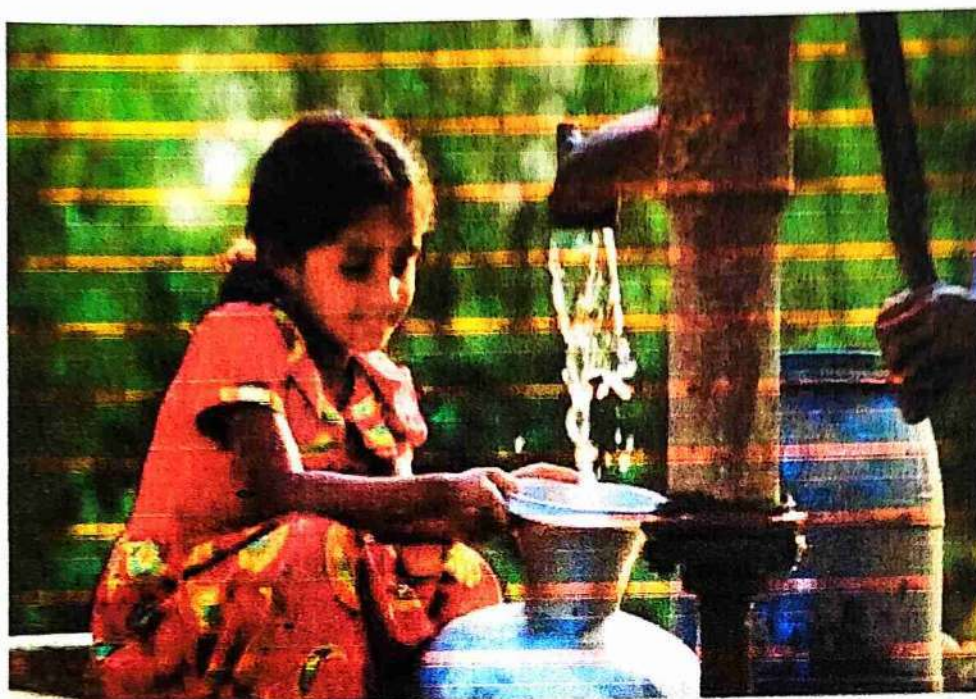
IN NARASANNAPETA VILLAGE WATER TANK



BORE WATER IS ALSO USED IN MY VILLAGE PEOPLE.



RIVER VAMSADHARA OR RIVER BANSHADHARA



IN SUMMER SEASON SOME TIMES TAP WATER NOT AVAILABLE IN MY VILLAGE
WATER TANK PROVIDED BY MY VILLAGE SURPANCH.

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF MATHEMATICS

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 : ☒ NO
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 :: KARASANNAPETA
DEPARTMENT OF MATHEMATICS

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVAILABILITY"

Questionnaire for the Project

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19. What type of Water bodies are there in your village
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GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF MATHEMATICS

Title of the Project

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GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF MATHEMATICS

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GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
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GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF MATHEMATICS

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GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF MATHEMATICS

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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
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GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
DEPARTMENT OF MATHEMATICS

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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 : 20
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 MATHEMATICS

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GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA
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6 Processing of the information

The initial stage of the survey information processing coincides with the fieldwork and is carried out in parallel with the duration of the data collection.

The main purpose is to establish appropriate quality levels that make it possible to significantly simplify the subsequent processing of the information. The recording of questionnaires is carried out in batches, establishing the control measures required to guarantee an adequate level of quality throughout the whole process.

Once information is available in magnetic form, the coverage of the information is analysed in order to guarantee the totality of the data recorded, detect possible duplicated data or coverage errors and also to be able to perform an initial assessment of the quality of the variables obtained from the questionnaires. This stage is performed for each batch of questionnaires recorded, and its implementation is previous to the creation of the survey file and thus, to the processing of all the information as a whole.

Once the survey file is created, inconsistencies and errors are detected and corrected for every identification variable. Subsequently, several stages of filtering and imputation of content errors are carried out. Similarly, the systematic errors detected in the analysis and study carried out previously on the recorded data are corrected. When all filtering stages are completed, analysis tables are obtained in order to detect and eliminate errors or inconsistencies and to compare the results obtained with other sources of information.

7 Sample data expansion stage

For physical data of the water collection and supply, as well as for economic data of invoiced water, no expansion factor is applied to the units definitely included in the sample dealing with municipalities with more than 15.000 inhabitants. Taking units dealing exclusively with municipalities or water supply and sanitation unit with population less than the 15.000 inhabitants,, the item of sample data is corrected with a ratio estimator, using the population resident in the municipalities excluded from the effective exhaustive sample in the Autonomous Community as an auxiliary variable.

Adjustments to expansion factors of the variables referring to sections relating to wastewater treatment have been made using auxiliary variables whose totals are known from administrative sources external to this survey, such as the estimate of the equivalent population in urban agglomerations with an equivalent population of more than 2.000 inhabitants. In turn, this variable is estimated on a microdata level taking the information regarding quantity and quality shown in the questionnaire.

Equivalent population is regarded as that established by directive 91/271/CEE defining the concept of equivalent inhabitant as: the biodegradable organic load with a biochemical oxygen demand of 5 days (BOD_5) of 60 grams of oxygen per day.

8 Main results

The aim of the results tables is to offer basic, and relevant, information on the main results of the survey, to satisfy the demand for information of users.

The results are presented for the national total and by Autonomous Community. It is being considered to carry out a pilot study on the breakdown by river basin district.

The results these are broken down into the following tables: freshwater abstraction carried out by the actual company, total availability of non-drinking water, total availability of drinking water, distribution of drinking water by type of user, volumes of treated wastewater, their destination and use of the re-used treated water.

CONCLUSION

9 Environmental indicators

Indicators are estimates that provide synthetic information and/or trends regarding environmental conditions and phenomena relating to water.

Its significance is greater than the results of the actual statistics, giving information that makes it possible to measure the pressure exerted on the environment by human activities or of the effectiveness of environmental policies.

Special attention merits the inclusion of two indicators:

- **Unit cost of water:** this is an indicator is calculated by means of the quotient between income for the service rendered in the reference year of the survey and the total volume of water registered and distributed to all users. A distinction is made between the unit cost of water supply and of public sewerage (sewerage system and filtering). The denominator of this indicator includes both the invoiced and received amount (excluding VAT) for water consumption corresponding to the economic sectors (industry, services, livestock) and municipal consumption. The unit in which this indicator is expressed is *euros/ m³*

Therefore, this indicator can be assimilated to an average unit cost of payments made by users of services related to the integral water cycle, but in no case is it a price or rate applicable to such services.

- **Average water consumption:** it is an indicator that is calculated by means of the quotient between the total volume of water registered and distributed to the users and the population of right of the Municipal Register of Inhabitants on January 1 of the reference year of the survey. The unit in which this indicator is expressed is *liters / inhabitant / day*.

The figures of the resident population as of July 1 of each year have been used as the denominator of this and the other indicators to.

Two indicators are calculated according to whether the registered water is distributed to households (people residing in main or secondary family dwellings) or is destined for other uses (economic sectors and municipal consumption).

REPORT :

I Bora Hari krishna Studying in GOVERNMENT DEGREE COLLEGE, NARASANNAPETA, SRIKAKULAM DISTRICT. I Participated to COMMUNITY SERVICE PROJECT on 01-06-2022 to 10-06-2022 in Jogipeta street in Narasannapeta village . My project name is "WATER FACILITIES AND DRINKING WATER AVAILABILITY" .In this survey first I have collected to socio economic survey for nearly twenty houses . After that I recognize the water problems in the surrounding area.

PROBLEMS

1. In that area particularly in Summer season they have drinking water problem .
2. In rainy season drinking water is polluted(colour changed).

SOLUTIONS

- Representation given to our panchayati secretary to sanitize our Street weekly twice .
- Also awared the people in the street to take care at the time of rainy season take hot water for drinking.

LECTURER
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