

# Program Book for Community Service Project

Name of the Student: p. Mohan Rao

Name of the College: MYS A.V.N College

Registration Number: 480150805308

Period of CSP: 01/08/22 From: 01/9/22 To:

Name & Address of the Community/Habitation:

chengalarua petar, Jalani petar post area,  
visakhapatnam, -Andhrapradesh

## Instructions to Students for Community Service Project

Please read the detailed Guidelines on Community Service Project hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

### Link:

<https://apsche.ap.gov.in/Pdf/Guidelines%20for%20the%20OJT%20Internship%20Community%20Service%20Project.pdf>

1. It is mandatory for all the students to complete 2 months (180 hours) of Community Service Project as a part of the 10 month mandatory internship/on the job training.
2. Consider yourself as a committed volunteer in the community, you work with.
3. Every student should identify the village/community/habitation for Community Service Project (CSP) in consultation with the College Principal/the authorized person nominated by the Principal.
4. Report to the community/habitation as per the schedule given by the College. You must make your own arrangements of transportation to reach the community/habitation.
5. You will be assigned with a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow volunteers. Post your daily activity done and/or any difficulty you encounter during the programme.
6. You should maintain punctuality in attending the CSP. Daily attendance is compulsory.
7. You are expected to learn about the community/habitation and their problems.
8. Know the leaders and the officials of the community/habitation.
9. While in project, always wear your College Identity Card.
10. If your College has a prescribed dress as uniform, wear the uniform daily.
11. Identify at least five learning objectives in consultation with your Faculty Guide. These learning objectives can address:
  - Information about the community, including the realities and problems of the society.
  - Need for creating awareness on socially relevant aspects/programs.
  - Acquiring specific Life Skills.
  - Learning areas of application of knowledge and technologies related to your discipline.
  - Identifying developmental needs of the community/habitation.



12. Practice professional communication skills with team members, and with the leaders and officials of the community. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
13. **Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.**
14. At the end of Community Service Project, you shall be evaluated by the person in-charge of the community/habitation to whom you report to.
15. There shall also be evaluation at the end of the community service by the Faculty Guide and the Principal.
16. Do not indulge in any political activities.
17. Ensure that you do not cause any disturbance to the inhabitants or households during your interaction or collection of data.
18. Be cordial but not too intimate with the persons you come across during your service activities.
19. You should understand that during this activity, you are the ambassador of your College, and your behavior during the community service programme is of utmost importance.
20. If you are involved in any discipline related issues, you will be withdrawn from the programme immediately and disciplinary action shall be initiated.
21. Do not forget to keep up your family pride and prestige of your College.
22. Remember that you are rendering valuable service to the society and your role in the community development will become part of the history of the community.

## Community Service Project Report

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

Name of the College: Mrs. A.V.N college

Department: BSc [MECS]

Name of the Faculty Guide: M. Kushumalatha

Duration of the CSP: From 01/08/22 To 01/09/22

Name of the Student: P. Mohan Rao

Programme of Study

Year of Study: 2020 - 2023

Register Number: 720130605308

Date of Submission:



**Student's Declaration**

Community

I am P. Mohan student of ~~Course~~ Program, Reg. No. ~~720.130205302~~ of the Department of ~~Electronics~~ Mrs. A.V.N. College do hereby declare that I have completed the mandatory community service from ~~1.8/22~~ to ~~1.9/22~~ in ~~Chengal Nayaka~~ (Name of the Community/Habitation) under the Faculty Guideship of ~~M. K. Subramanian~~ (Name of the Faculty Guide), Department of ~~electronics~~ in ~~Mrs. A.V.N.~~ College

P. Mohan rao

(Signature and Date)

**Endorsements**

  
Faculty Guide

  
Head of the Department

  
Principal

**PRINCIPAL**  
**Mrs. A.V.N. COLLEGE**  
**VISAKHAPATNAM**

**Certificate from Official of the Community**

This is to certify that P. MOHAN RAO (Name of the Community Service Volunteer) Reg. No. 340086308 of Mrs. A. U. N. College (Name of the College) underwent community service in Chengalraipeta (Name of the Community) from 1/8/22 to 1/9/22.

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

Authorized Signatory with Date and Seal

## ACKNOWLEDGEMENTS

I would like to acknowledge and give my warmest thanks to my guide M. Kishumalatha who made this work possible.

Also, I would like to give special thanks to my team members for letting my defence be an enjoyable moment, and for your brilliant suggestions and help. All your advices carried me through all the stages of writing my project, thank you all.

Finally, I would like to thank to my family for their continuous support and understanding when undertaking my research and writing my project.



## CHAPTER 1: EXECUTIVE SUMMARY

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

community programs can expand the opportunities to youth to acquire personal and social assets and to experience the broad range of features of positive developmental settings.

The activities I performed in the community service are to investigate on "water facility and drinking water availability" and survey how many people have basic knowledge about water facility and drinking water availability.

I have done my survey and campaign with my team members in the community. The people answered very well for my questions and their suggestions and answers are greatly helpful for a person who are inappropriate manners in following their daily life. It is observed that people have idea and knowledge about water facility and drinking water availability.



## CHAPTER 2: OVERVIEW OF THE COMMUNITY

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

Chengal Rao Peta, Andhra Medical College in Vishakhapatnam city, Andhra Pradesh, India it is one of the oldest settlements in the city of Vishakhapatnam in Indian state of Andhra Pradesh. The area which falls under the local administrative limits of Greater Vishakhapatnam Municipal Corporation, is about 4 km from the Dewaraka bus station. It is the main residential hub of the city.

Chengal Rao Peta are from the end of Vishakhapatnam port. Most of Muslim families living there, and so many middle class families living there. It has many historical educational institutions. There are so many middle class students are leaving education here.

### CHAPTER 3: COMMUNITY SERVICE PART

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

Water plays an essential role in every one's life. Safe and readily available water is important for public health, whether it is used for drinking, domestic use, food production or recreational purposes. Improved water supply and sanitation, and better management of water resources, can boost countries' economic growth and can contribute greatly to poverty reduction.

Safe and sufficient water facilitates the practice of hygiene, which is a key measure to prevent not only diarrhoeal diseases, but acute respiratory infections and numerous neglected tropical diseases.



### ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	we chose the habitation for where we have to survey and campaign		
Day - 2	we discuss about the project how to do it and how to get outcomes		
Day - 3	we learned about water facility and drinking water availability with the help of college library books and browser		
Day - 4	we learned about water facility and drinking water availability with the help of college library books and browser		
Day - 5	we research about water facility and drinking water availability with the help of relevant books and mobile phone (browser)		
Day - 6	we research about water facility and drinking water availability with the help of relevant books and mobile phone (browser)		

## WEEKLY REPORT

WEEK - 1 (From Dt. 01/08/22.. to Dt. 07/08/22.)

Objective of the Activity Done:

Detailed Report:

I have abstracted the information from our college library books and from the internet. The available water in India has declined drastically over the past several decades due to the rise in demand for water sources across almost every industry. This shortage has greatly affected all activity in India, including the agricultural industry and the available drinking water for domestic life. The Food and Agriculture Organization of the United Nations, or the FAO, believes that India will literally run out of water if certain steps are not taken to replenish India's aquifers.



### ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	we have prepared a questionnaire about use of water facility and drinking water availability.		
Day - 2	we have prepared questionnaire about our community service project		
Day - 3	we have prepared a questionnaire for our project, to do survey		
Day - 4	With the help of questionnaire we conduct a survey in the field area we have chosen to doing community project		
Day - 5	With the help of questionnaire we conduct a survey in the field area we have chosen to doing our project		
Day - 6	With the help of questionnaire we conduct a survey in the field area we have chosen to doing our project		

## WEEKLY REPORT

WEEK - 2 (From Dt. 28/2/22... to Dt. 15/3/22....)

Objective of the Activity Done:

Detailed Report:

I have get this information from our community / Habitation chengal pan peta area, visakhapatnam. in this community 300 family's are getting water from municipal taps, and some family's brought their water, like: Kinley mineral water from water stations, the people are getting water from 9:00 AM to 10:00 AM, in this community residency half of the family are muslim, the supplied water from the municipal corporation used by the people for their domestic usage, like dish washing, bathing, cooking and other purposes, we have prepared a questionnaire for the survey of our project report. i was asked all of the questions to the family's and they answered all of them very well.



### ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	With the help of questionnaire we conduct a survey in the field area we have chosen to doing project		
Day - 2	With the help of questionnaire we conduct a survey in the field area we have chosen to doing our project		
Day - 3	With the help of questionnaire we conduct a survey in the field area we have chosen to doing our project		
Day - 4	With the help of questionnaire we conduct a survey in the selected area which we are doing our project		
Day - 5	With the help of questionnaire we conduct a survey in the selected area which we are doing our project		
Day - 6	With the help of questionnaire we conduct a survey in the selected area which we are doing our project		

## WEEKLY REPORT

WEEK - 3 (From Dt. 17/2/22... to Dt. 21/2/22...)

Objective of the Activity Done:

Detailed Report:

In this week I went to the community for the survey. In this community we went to another residency. The people in that area were answered all the questions. They said that, they drink water by boiling it, directly by purifying, and they using chemical substances, sometimes the usage of the chemical in the water is lightly heavy, the chemical name is nothing but chlorine, fluorine, bleaching powder.

Some families were didn't get water from the municipal corporation and they can't buy, the water because they can't afford it, some families are buy water, some families are getting water by day by day where as some families get water regularly. The people who didn't get water from the municipal corporation, they will get by through borings in the streets.



### ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	With the help of questionnaire we conduct a survey in the field we have chosen to doing community project		
Day - 2	With the help of questionnaire we conduct a survey in the field we have chosen to doing community project		
Day - 3	With the help of questionnaire we conduct a survey in the field we have chosen to doing community service project		
Day - 4	With the help of questionnaire we conduct a survey in the field area we have chosen to doing community project		
Day - 5	With the help of questionnaire we conduct a survey in the field area we have chosen to doing		
Day - 6	With the help of questionnaire we conduct a survey in the field area we have chosen to doing		



## WEEKLY REPORT

WEEK - 4 (From Dt. 25/8/22... to Dt. 31/8/22...)

Objective of the Activity Done:

Detailed Report:

In this week 4 - we have prepared a good lecture on usage of cooler. we conduct our survey on the cooler facility and drinking cooler availability near by the area we asked our questions to the house owners how they are getting cooler, and the usage of it, we learn about how they managing the cooler for the use, how they store the cooler safely and cleanly.

and some families are getting cooler from the municipal corporation and some families are buying the cooler, in some houses the people are not drinking enough cooler which will make them hydrate and gives white blood cells and the water improves their digestive system, the people nutrition foods gives a healthy life and in some families younger person are eating of oily and junk food daily which will damage the healthy life.



### ACTIVITY LOG FOR THE FIFTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	we have prepared our charts and crafts for campaign in the area we choose to project		
Day - 2	we analyse the data on the survey		
Day - 3	After analyse the data survey we make a awareness program in the community		
Day - 4	After awareness program in the community we make a report		
Day - 5	after awareness (campaign) program, we make our project report		
Day - 6	after awareness (campaign) program, we make our project report		

## WEEKLY REPORT

WEEK - 5 (From Dt. 1.9.22... to Dt. 2.9.22...)

**Objective of the Activity Done:**

**Detailed Report:**

In the 5<sup>th</sup> week, we have prepared and draw our charts for the awareness program in the community. I and my team members make a project report based on the survey. we make a campaign (awareness program) in the community residency to fill the awareness in the people and society on usage of water and discussed about the problems

we tell them how to use the water in proper way, and some of the people not drinking enough water, and I suggested them eating a healthy food and drinking enough water in a day with make your healthy life good of better. I asked all people about how many meals they taken in a day: mostly they answer 3 meals in a day.



## CHAPTER 5: OUTCOMES DESCRIPTION

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

my survey was done in the location of changal rao peta, vishakapatnam. the survey was done in each and every house for the project purpose. in that area some people are very lower in their earnings and some are too-riched and well settled and some are middle-class families. And some families are not having money to buy proper "water" to drink, they are not having money to buy healthy food also

so, these kind of families were didn't answered any questions for community service project and some of the families answered by the questions. they also discussed about how to store the water in a proper way and use of that water. this are the details i noticed in my area.

## questionnaire

- ① what water system do you have?
  - Ⓐ central water
  - Ⓑ local (well)
  - Ⓒ municipal water
- ② what kind of sewage system do you have
  - Ⓐ local
  - Ⓑ central
  - Ⓒ polluted water is driven into the nature
- ③ How do you shower daily
  - Ⓐ take a bath with bucket
  - Ⓑ take a shower
  - Ⓒ bath in the tub
- ④ what kind of toilet do you see
  - Ⓐ economical (coastern)
  - Ⓑ 1 system (indian)
  - Ⓒ any other place
- ⑤ what's your monthly water bill
  - Ⓐ don't pay anything
  - Ⓑ under 1000
  - Ⓒ above 1000



6) do you experience water shortage

a) never

b) rarely

c) almost every year

7) what do you evaluate the quality of your drinking water

a) very good

b) satisfactory

c) we use a water filter

8) do you pay attention when leakage of water of tap is dripping at home

a) yes

b) not at all

c) I often check the taps or leakage

9) do you have water filtration at home

a) yes

b) no

c) yes but we don't use

10) How much water do you while use washing machine

a) 3 liters

b) 5 liters

c) above 5 liters

11) How much water do you use in Household per day  
(cooking, washing dishes, taking shower)

a) 15 liter

b) 20 liter

c) above 25 liter

12) do you water plant in your locality or in home  
(what kind of water they use for plants)

a) we don't water plants

b) oftenly

c) we use tap water

13) do you feel the value of water and usage of water

a) yes

b) no

c) they are aware of the importance of water

14) do you take any action leakage in the drainage system or municipal water

a) yes

b) no

c) yes we inform to water authorities

15) how waste water is treated in your home or locality

a) by drainage system

b) water the plants

c) use any method to



6 do you notice any differences in the water while storms or any other water related problem

7 often

8 when any water related issues occur rarely

9 do you use tap water or boiled water

10 yes

11 no

12 yes when water quality is different

13 How do you store water in your home

14 by using tubs or any other

15 no we don't store water

16 we have availability of water 24/7

17 How many members are there in your family

18 3

19 5

20 6 or above 6

21 How many flats are there in your building or apartment

22 9

23 15

24 above 20

Describe the problems you have identified in the community

Water scarcity limits access to safe water for drinking and for practising basic hygiene at home, in schools and in health-care facilities. When water is scarce, sewage systems can fail and the threat of contracting diseases like cholera surges. Scarce water also becomes more expensive. The problems I was identified in our community they are handicapped people they are attacked by the polio, bacteria that cause diarrhoea, cholera, dysentery, typhoid hepatitis A, and polio can be found in contaminated water. The water coming through the municipal water pipe, the water is not so good. The water don't have any colour, but the water coming from the pipe of municipal corporation is in brown colour. The starting of water coming from the pipe is brown colour and the water supply is only one hour per a day. In a house there will be lot of family members, so they need water more. They said that in some times the water will be distributed day by another day, so they are facing water duty problems. This is what I noticed.



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

### SHORT-TERM ACTION PLAN:-

- \* every family should be provided awareness on benefits of pure and good water
- \* every family should change their ideologies and behaviour on they consuming daily
- \* everyone they should be drink atleast 2 to 3 liters of water for better digestic system.
- \* daily drinking 4 to 5 liters of water will be good for the health and avoids diseases,
- \* they were many of people who didnt take pure water, we have to suggest them and make them realize about the pure water and protecting them from such diseasey,

### LONG-TERM ACTION PLAN:-

- => there should be know which type of water to be drink, which is good for the health
- => they should know how to store the water, and use the water in proper way
- => the municipal corporation should be focused on the water supply to the people.



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

I learned to many classes in the progress of community service conducted by the college management.

I learned to give proper explanation on particular topic of others.

I learned the way of interacting with others and communicating and get to know the problems which they are facing. I learned the way of speaking with others. I learned to stay with patience when others are not answering to my community service project question. I learned to speak straight forward and facing with other people.

→ The main problems of the community is to be maintain a healthy diet plan. taking good water to drinks and stay healthy, they don't have any guideline on that.

through this program all are noticed that taking a bad water it will leads to the disease, so be carefull with that and stay healthy.



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

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

The Report shall be limited to 6 pages.

use of water facility & drinking water  
availability

Community program can expand the opportunities for youth to acquire personal and social assets and to experience the broad range of features of positive developmental settings.

the activities performed in the community service project are into investigate how many people have basic and desired knowledge about use of water facility & drinking water availability.

## Introduction :-

The available water in India has declined drastically over the past several decades due to the rise in demand for water sources across almost every industry. This shortage has greatly affected all activity in India, including the agricultural industry and the available drinking water for domestic life. The Food and Agriculture Organization of the United Nations or the FAO, believes that India will literally run out of water if certain steps are not taken to replenish India's aquifers. To fully grasp the matter, an explanation of the problem is below.

The main cause for concern is that India's flourishing agricultural industry uses the art of water throughout the country leaving aquifers at lower levels every year. Organizations like the FAO are dedicated to the restoration of these aquifers for the safety of the agricultural industry in India and of the people that need access to water.



## Abstract:-

Rural drinking water supply is a persistent public health challenge in India, but with shifting and pathogenic contamination of surface waters and water in shallow aquifers was sought to be addressed through massive tube-well programs in the 1980 and 1990s. However, chemical contamination of water in deeper aquifers is now widespread often associated with irreversible public health damage, and is forcing yet another rethink.

Models of public-private partnerships, community-managed systems, and social enterprises have emerged under the circumstances. These models are explored, with the help of case studies, in this chapter to understand what needs to be done and by whom, for a sustainable and scalable solution.

## water scarcity:-

Water is the basic necessity of every human being, but water scarcity is a major issue that is rising very rapidly in India nowadays. The problem has become so severe that in many states the groundwater has almost dried up and people have to depend on water supply from other sources. In addition, water is one of the most misused natural resources that we still waste. It is central to our lives but unfortunately, not our priority concern. Earlier, people understood the value of water and planned their lives around it. Moreover, many civilizations were born, and lost around water, but today, in spite of having knowledge we still fail to understand the value of water in our lives.



## Reason for water scarcity :-

mishmanagement of water and the growing population in our country are two main reasons for water scarcity.

there are also a number of other man made disturbances that continue to rise

Besides this, some of the reasons for water scarcity are:

india :- water and sanitation

Access to basic  
water source

92.67% (2019) [12]

Access to basic  
sanitation

99.3% (2019) [13]

Average urban water  
use (liter/capita/day)

126 (2006) [14]

Average urban water  
and sewer bill for  
20 mg

US \$2 (2007) [15]

## India's water resources :-

S. NO	water resource also balance	Quantity (km) <sup>3</sup>	percentage
	Annual precipitation		
1.	(including snowfall)	4000	100
2.	Precipitation during monsoon	3000	75
3.	Evaporation + soil water	2131	53.3
4.	Average Annual potential flow in rivers	1869	46.7
5.	Estimated Utilizable water resources	1123	28.1
6.	surface water	690	17.3
	Replenishable groundwater	433	10.8
	storage created of Utilizable water storage (under construction)	253.381	22.52
	of Utilizable water	50.737	4.5
6.	Estimated water need in 2050	1450	129
7.	Estimated deficit	327	29
	Interlinking can give us	200	17.8



## CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT

Finally we have completed the survey in this certain locality, near to our college

we conclude that our survey is really used in providing a good filtered municipal water for their needs, and the Govt can help the public to provide a good drinking water availability much better than before.

we conclude that the areas we did survey have not cooked water for any waste purposes. they have well maintained the water of how much amount of water they received in their locality.

we concluded that they are using Indian drainage system to throw out the waste water they used for their personaly.

### Student Self-Evaluation for the Community Service Project

Student Name: P. Mohan Rao

Registration No: 720130905308

Period of CSP: From: 1/8/22 To: 1/9/22

Date of Evaluation:

Name of the Person in-charge:

Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

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

Date:

P. Mohan Rao  
Signature of the Student



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

Student Name:	P. Mohan Rao
Registration No:	720130805308
Period of CSP: From:	1/8/22 To: 1/9/22
Date of Evaluation:	
Name of the Person in-charge:	
Address with mobile number:	

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date:

P. Mohan Rao  
Signature of the Supervisor

**PHOTOS AND VIDEO LINKS**









