



# Program Book

## Community Service Project

AP STATE COUNCIL OF HIGHER  
EDUCATION

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

**Program Book  
for  
Community Service Project**

Name of the Student: K. Raju

Name of the College: Mrs. A. N. Degree College

Registration Number: 720130805184

Period of CSP: From: 23/08/22 To: 02/09/22

Name & Address of the Community/Habitation:

### 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 B.Sc*

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

Department: B.Sc [Statistics]

Name of the Faculty Guide:

Duration of the CSP: From 22/09/22 To 02/09/24

Name of the Student: K. Raju

Programme of Study

Year of Study: [2022 - 2023]

Register Number: 720130805184

Date of Submission:

**Student's Declaration**

I, K. Raju, a student of Computer Science Program, Reg. No. 22030208888 for the Department of Stat., M.Ph., & V.N. College do hereby declare that I have completed the mandatory community service from August to October in ... (Name of the Community/Habitation) under the Faculty Guideship of ... (Name of the Faculty Guide), Department of ... in ... College

K. Raju  
(Signature and Date)

03/03/2023

**Endorsements**

[Signature]  
Faculty Guide

[Signature]  
R. GANDHI, M.Sc, M.Phil  
Head of the Department  
Department of Mathematics & Statistics  
M.V.N. College, Visakhapatnam

[Signature]  
PRINCIPAL  
M.V.N. COLLEGE  
VISAKHAPATNAM

**Certificate from Official of the Community**

This is to certify that K. Raju..... (Name of the Community Service Volunteer) Reg. No. 1261302018 of M.A. Arts..... (Name of the College) underwent community service in T. Town..... (Name of the Community) from August..... to October.....

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

Authorized Signatory with Date and Seal

### ACKNOWLEDGEMENTS

I wish to express my gratitude to those who undertook this valuable co-operation and contribution towards the project.

I would like to thank my project mentor Mr. Shrikant Shastri Sir, Mrs. A.V.V. College for his valuable time and continued assistance for the successful completion of the project.

I would also like to express gratitude to Mr. Shrikant Shastri Sir, Mrs. A.V.V. College management for facilitating this project and providing his guidance.

I would also like to thank the faculty and staff of the institution, and all my team members for their support.



## 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.

The stress on our water has on behalf of the environment which our civilization is becoming very high that reducing the availability of clean water. Purified water is of great concern to the city, plants, animals & climate and indeed affect the ecosystem. The preservation of water too which is considered as sustainable development must be well driven by the highest while effective waste treatment like the recycling of salvaging the waste too. Integration of our policies in the water form. Some obj. can also with continuous physical enlightenment on the present & future consequences of our water pollution and a greatly stress on lowering the water environment.

Since water forms an part of the life

- level of human & living things, its preservation and level
- amount availability can not be over emphasized the availability of clean water is greatly threatened by various human activities and interest of pollution which in turn affect the ecosystem and causes various climatic changes

## 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.

One town also called the "Old Town" is located in this city. It was built under the local administration - some kinds of special self-managed organization.

One town also has more than 500 yrs of history in British era. The business of this city was located here including the center of this area. There are many old monuments built here like town hall 1840, Kuangson market 1887, European cemetery 1891, Queen Victoria 1907, St. Peter church 1877, Queen Mary school 1880, Stagnation change 1904, Queen high school 1887 and the light house 1903.

The old town also runs from some charity as end of 1985 year. It has many industrial educational institutions. There are so many that are from education here. The area is admin. by DMTC.

### 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.

Activities undertaken in the community during the  
community service project:-

- \* Study on water pollution
- + Preparing questionnaire
- \* Survey about use of water for drinking
- \* Survey about water pollution
- + Analyzing the survey data
- + Finding out the problem
- \* Explaining the people about the water

problem.

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
22/08/21 Day - 1st Wed	Few houses are using municipal water	Drinking water - at water	
23-08-21 Day - 2 Thurs	Many houses getting water from bore	Facilities should be increased	
24-08-21 Day - 3 Fri	Few houses getting water from outside but many people getting and treating	Amusement should be created here	
25-08-21 Day - 4 Sat	Many people are drinking mineral water due to low water quality	Quality of water should be increased - at	
26/08/21 Day - 5 Sun	Some municipal water has - very dependent on water	Facilities should be increased	
27/08/21 Day - 6 Monday	many people are drinking bore water & using it for cooking etc	water supply should be increased - at	

### WEEKLY REPORT

WEEK - 1 (From DL 2.11/22/22 to DL 3.1.23/23)

Objective of the Activity Done:

Detailed Report:

In Durgam Cheruvu area, the water supply is too low some are getting water with mixed water pollution. Germs and soil in the water. The water is heated for drinking.

People suffering from joint pain, fever, cold, cough etc., living some distance some are not getting the amount of water for drinking.

In this way, the water quality is low and most of the people are in a state of drinking this type of water. Water and food quality, family diseases and health problem are increased. The people who are about 60

ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
29/08/24 Day - Wed	In Durgam Cheruvu lake, few are suffering from water diseases.	Awareness should be provided.	
30/08/24 Day - 2 Thurs	Few are suffering from joint pain & long term disease.	Teach them about it.	
31/08/24 Day - 3 Friday	People getting water with mixed pollutants.	Water supply should be cut.	
01/09/24 Day - 4 Sat	Some are drinking tap water due to low water supply.	Quantity should be cut.	
2/09/24 Day - 5 Friday	People getting water with mixed pollutants.	Water supply should be cut.	
03/09/24 Day - 6 Saturday	Many are not getting water from municipal corporation.	Supply of water should be cut.	

## WEEKLY REPORT

WEEK - 2 (From Dt. 22/05/21 to Dt. 28/05/21)

Objective of the Activity Done:

Detailed Report:

Some are getting water from outside due to running of drinking water with sewage water pollution. They are getting low quality water. Some are depending on ground water due to low quality of water.

In rainy season people drinking water with mud and dust particles people are suffering from joint pain and some kidney problems.

So, people are avoiding to they are not getting water from municipal corporation. They are getting water from outside and for drinking they are getting mineral water.

Finally there is no proper water supply, quality of water is too low. People are unaware of disease they are getting. Some are not using municipal water & depending on ground for drinking water.

ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Monday Day - 1 29-08-22	Few are suffering from disease	Amputation should be provided	
Tuesday Day - 2 30-8-22	Few people are suffering from joint pains & long term disease	Treatment should be used	
Wednesday Day - 3 31-08-22	Some are getting water with insect pesticides	Water supply should be provided	
Thursday Day - 4 1-9-22	Some are getting water with pesticides	Quality of water should be used	
Friday Day - 5 2-9-22	Some are drinking little water due to low water supply	Water supply should be increased	
Saturday Day - 6 3-9-22	many are not getting water from municipal corporation	Supply of water should be increased	



### WEEKLY REPORT

WEEK - 2 (From Dt. 29/12/22 to Dt. 30/12/22)

Objective of the Activity Done:

Detailed Report:

Some are getting water from outside due to running of drinking water supply through water pipeline. They are depending on ground water due to the low quality of water.

In many places there are drinking water units and dust particles people are suffering from fever, joint pain and some are kidney problems.

Usually there is no proper water supply quantity of water is too low, people are unaware of diseases they are getting some are not using municipal water and they are depending on ground water for drinking.

20% of people are drinking so they are not getting water from municipal tapwater. They are getting water from outside and for drinking they are getting the municipal water from outside.

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person in-charge Signature
Monday Day - 1 5.9.22	Many are suffering from joint pains and long term disease	Quality should be met.	
Tuesday Day - 2 6.9.22	Few are drinking bore water and using for other things	Amount should be created in people	
Wednesday Day - 3 7.9.22	Some are getting water with minor pollutants	Amount of waste - one from the water	
Thursday Day - 4 8.9.22	Many are drinking water with mineral drinking powder	Quantity of mineral drinking powder should be met.	
Friday Day - 5 9.9.22	Most are getting water from out side to water quality	Quantity of water should be met.	
Saturday Day - 6 10.9.22	Few are drinking bore water & some are suffering from joint pains	Water quantity should be met.	

### WEEKLY REPORT

WEEK - 3 (From Dt. 01.9.22 to Dt. 07.9.22)

Objective of the Activity Done:

Detailed Report:

Agricultural, school and fodder wells in district with local drinking water because of this they are getting the water from outside like mineral water etc. The water quality is very low.

In simple system, people are getting water with mixed drinking powder with high quality. But in this case are getting long term disease, fever, etc., liver problems, kidney problems etc.

many are unaware of disease they are getting quality of water is low. The water supply is low and people with large family are not getting the req. amount of water people are carrying water less from outside and is with high amount.

ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Monday Day - 1 12.9.22	Many are getting mineral water!	Some are using mineral water to drink	
Tuesday Day - 2 13.9.22	Few are drinking mineral water in their areas	Families should be created	
Wednesday Day - 3 14.9.22	Some are drinking water ground water & saving it for taking prayers	families should be created then	
Thursday Day - 4 15.9.22	Few are affordable to get filter water!	Some are using filter water	
Friday Day - 5 16.9.22	They are drinking filter - to water!	Some are buying water directly	
Saturday Day - 6 17.9.22	Some are affordable to get filter water	People are affordable - till to distribution of mineral water	

## WEEKLY REPORT

WEEK - 4 (From Dt. 12.9.22. to Dt. 17.9.22.)

Objective of the Activity Done:

Detailed Report:

Some are drinking municipal water and some are drinking mineral water and few are drinking ground water by boiling.

They are not getting proper drinking water. Polluted water mixed with the drinking water. Some are getting water with mud particles which is not good for drinking but fit for animal usage.

Water supply is not supplied properly as this amount of water people are suffering with some skin diseases and some long term diseases.

People are not aware of disease they are getting from drinking the polluted water.

**ACTIVITY LOG FOR THE FIFTH WEEK**

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Monday Day - 1 19.9.22	many are drinking water - get water & buffering joint pains	Awareness about - do be created	
Tuesday Day - 2 20.9.22	many are getting water supply & getting water from outside	water supply should be inc	
Wednesday Day - 3 21.9.22	many are drinking water - at water & having good water facilities	water supply should be inc	
Thursday Day - 4 22.9.22	many are getting municipal water under mixed block - long queues	People are aware of getting	
Friday Day - 5 23.9.22	few are drinking water and using for cooking etc	Awareness should be created	
Saturday Day - 6 24.9.22	getting joint pains & some long term diseases	Awareness should be created	

## WEEKLY REPORT

WEEK - 5 (From DL 19.9.22 to DL 25.9.22)

### Objective of the Activity Done:

### Detailed Report:

Many bore well taking municipal water and are getting the water from our line tube like water municipal water and lower quality water

The quality of water is good some households are using surface drinking water. It is found that some households near NAD Jam Bunkijapuram including a couple of them areas like police station area contain borings with high degree of hydrogeologic vulnerability.

Most of section of NAD colony and other households area in study area have a high degree of vulnerability in the village NAD PRASTH etc due to this are getting some health disease.

## CHAPTER 5: OUTCOMES DESCRIPTION

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

\* Are you aware of water pollution?

\* What do you think about the water pollution?

\* Does water pollution affect our life?

\* How does water pollution affect our life?

\* What kind of water do you use as the main source of your drinking water?

\* Do you pay attention to local drinking water quality?

\* Are you satisfied with your drinking water quality?

\* Do you have any problem with your tap water quality?



Describe the problems you have identified in the community

### Problems identified in the community

- \* Lack of awareness on water pollution
- \* There is no proper municipal or packaged tap water facility
- \* There is no proper main source of drinking water
- \* Facing water scarcity
- \* Health issues due to polluted water
- \* Factors affecting the quality of drinking water shortage of drinking water
- \* No proper storage of drinking water

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.

While there are many things that need to be done in order to protect the environment, one of the most important is to reduce water pollution. There are many effective ways to reduce water pollution and many of these can be done with little cost. Some of the most effective ways to reduce water pollution are to avoid using toxic substances, to use less water, and to properly dispose of waste.

\* Waste water treatment

\* Plastic waste reduction

\* Water conservation

\* Sewerage works

\* Septic tanks

\* Avoid using jet boats on a water body

\* Storm water runoff

\* Green Agriculture

\* Dams/Reservoirs

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

### Awareness about water

Public water conservation campaigns raise awareness in all levels of society about the importance of saving water to cope with its scarcity and ensure sustainability. The aim is to improve citizen attitudes and behaviour to improve water use efficiency. Awareness programmes.

S.No.	Name of program	Mode	Date
1.	Awareness program on water conservation	Prasasti news Paper, phone in programme	
2.	community based water resource management	Krish darshana Chandana Vahini phone in programme	
3.	On occasion of world water day Jalada morelya Jagada Karavya	Krish darshana Chandana Vahini Phone in programme	

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

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

The Report shall be limited to 6 pages.

Water pollution :-

Water pollution (or aquatic pollution) is the contamination of water bodies usually as a result of human activities, so that it negatively affects its uses. Water bodies include lakes, rivers, oceans, aquifers, reservoirs and groundwater. Pollution results when contaminants are introduced into them a water bodies. Water pollution can be attributed to one of four sources. Sewage discharge, industrial activities, agricultural activities and urban run off including storm water. It can be grouped into surface water pollution or ground water pollution.

For example + releasing inadequately treated waste water into the natural waters can lead to degradation of these aquatic ecosystem. Water pollution can also lead to water born disease for people using pollution water for drinking, bathing, washing, or the irrigation water pollution reduces the ability of the body of water to provide to ecosystem services that it would otherwise provide.

Sources of water pollution are either point sources non-point sources point sources drain, a waste water treatment identifiable cause such as a urban drain, a water waste treatment plant (or) an oil spill. Non point sources are more diffuse such as a storm drain, a waste water source the agriculture run off pollution is the result of the cumulative effect over time pollution may take the form of toxic substances (eg; oil, metals, plastics pesticides, herbicide, organic pollutants, industrial waste product) stressful conditions (eg. changes of PH, hypoxia or anoxia, increased temperature excessive turbidity, unpleasant taste, odor, and change of salinity, or pathogenic organisms contaminants, many a pollutants and can this is called thermal pollution. A common cause of the thermal pollution is the use of water as a coolant by power plants and industrial manufactures.

Control of water pollution requires appropriate infrastructure and management plans as well as legislation. Technology solutions can include improving of sanitation, sewage treatment industrial water treatment, agricultural water waste treatment, erosion control. Sediment control and control of urban run off effective control of urban run off includes reducing speed and quantity of flow.

## Contaminants With An Origin In Sewage

The following compounds can all reach water bodies via raw sewage or even treated sewage discharges:-

1. Various chemical compounds found in personal hygienic and cosmetic products.
2. Disinfection by products found in chemically disinfected by products water (whilst these are the chemicals can be a pollutant in the water distribution network, they are fairly volatile and therefore not usually found in Environmental water.
3. Thermones and synthetic materials such as the phthalates the mimic hormones in their action.
4. Insecticides and herbicides, after from agricultural run off

If the water pollution stems from sewage the main pollutants are suspended solids biodegradable organic matter Nutrients and the pathogenic organism.

## Organic Compounds :-

Organic substances that enter water bodies are often toxic

1. Petroleum hydrocarbons including fuels (gasoline, diesel fuel, jet, fuel and fuel oil) and lubricant (material oil and fuel combustion by product, from oil spills or storm water runoff).
2. Volatile organic compounds, such as improperly stored industrial solvents, problematic species are organochlorides such as polychlorinated biphenyl (PCBS) and perchloroethylene, a common solvent and polyfluoralkyl substance (PFAS) are persistent organic pollutants.

## Types of Surface Water Pollution :-

Surface water pollution includes pollution of rivers, lakes and oceans. A subset of surface water pollution is marine pollution refers to contamination by excessive inputs of nutrients.

Globally, about 4.5 billion people do not have safely managed sanitation, of 2017, according to an estimate by the joint sanitation programme for water supply and the sanitation.

## Marine Pollution:-

Marine pollution occurs when substance used or spread by human, such as industrial, agricultural and residential waste, particles, noise, excess carbon dioxide or invasive programerium enters. The ocean and cause harmful effects there.

## Nutrient Pollution:-

Nutrient pollution form of water pollution refer to contamination by excessive inputs of Nutrients

## Thermal pollution:-

Thermal pollution sometimes called thermal enrichment, is the degradation of water quality by any process that changes ambient water temperature. Thermal pollution is the cause of a fall in the temperature of a natural body of water caused by human.

## Biological pollution:-

The introduction of aquatic invasive organisms is a form of water pollution as well. It causes by human influence biological pollution.



## Impacts:-

### 1. Ecosystem:-

Water pollution is a major global environmental problem because it can result in the degradation of all aquatic ecosystem fresh, coastal and ocean water.

### 2. Public Health and Water Borne Diseases.

Polluted water spread gastrointestinal diseases and parasitic infections and killed 1.8 million people. There are also suffered also as water borne diseases.

### 3. Ocean Acidification:-

Ocean acidification is another impact of water pollution. Ocean acidification is the on going decrease in the pH value of the fourth oceans caused by the up take of carbon dioxide.

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

Some water from a core of existence of human and other living things for information and sustainability can be their employees. The availability of clean water is greatly threatened by various human acts and of natural or pollution which in turn of affect the eco system and cause various climate change while various waste water treatment method are being explored by industries of various treatment plants and waste water is still being discharged into the water body by some industries.

Facilitating these environmental protection policies into the goals and objectives of various acts involved in environmental will help policy performance. This will serve as a step forward in the direction of ameliorating water pollution.

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

Student Name: *K*

Registration No: *720130305184*

Period of CSP: From *August* To *October*

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

Date:

Signature of the Student



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