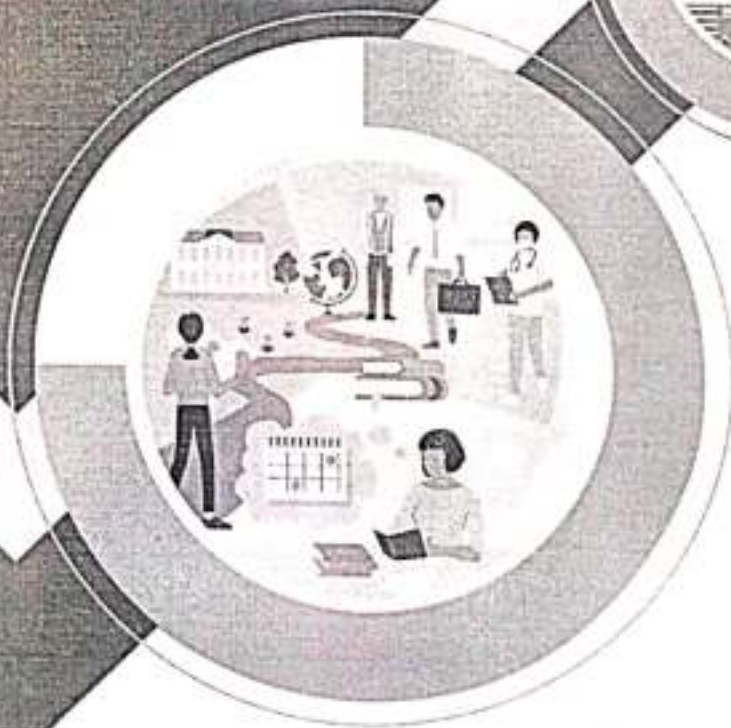


Model Program Book  
**COMMUNITY  
SERVICE  
PROJECT**



Designed & Developed by



**ANDHRA PRADESH  
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

# PROGRAM BOOK FOR COMMUNITY SERVICE PROJECT

Name of the Student: Veddu Simhadri

Name of the College: MYS A.V.M. college, visakhapatnam.

Registration Number: 72013085079

Period of CSP: 12/09/2022 From: 12-11/2022 To: 12-11/22

Name & Address of the Community / Habitation

Andhra

University

YEAR

## Community Service Project Report

Submitted in accordance with the requirement for the degree of...B.S.C....

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

Department: Chemistry

Name of the Faculty Guide:

Duration of the CSP: From.12.09.2022 To.12.11-2022

Name of the Student: Vaddu. SIMHADRI

Programme of Study: Water pollution

Year of Study: 2020-2023

Register Number: 720130805079

Date of Submission:

## Student's Declaration

I, U. SimHADRI, a student of M.P.C Program,  
Reg. No. 720130805079 of the Department of Chemistry  
M.S. A.V.N. College College do hereby declare that I have completed  
the mandatory community service from 12-09-2022 to 12-11-2022 in  
POVT CWCA (Name of the Community/Habitation) under the Faculty  
Guideship of B. Viveelha, (Name of the Faculty Guide), Department  
of English in A.V.N College

U. SimHADRI  
(Signature and Date)

### Endorsements

B. Vit  
Faculty Guide

[Signature]  
Head of the Department

[Signature]  
PRINCIPAL  
M.S. A.V.N. COLLEGE  
VISA KHAPATNAM

## Certificate from Official of the Community

This is to certify that U. SIMHADRI (Name of the Community Service Volunteer) Reg. No 720130806079 of M.S.A.V.N. College (Name of the College) underwent community service in port curva (Name of the Community) from 12-09-2021 to 12-11-2022. 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

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 report. A study on WATER

POLLUTION.

Also I am thankful to my faculty guide

from Mrs. A.V.N College  
Visakhapatnam for being a source of support  
su. during this training period.

Not Vudde, Simhndri

720130805079

## 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 present study "water pollution in NTR Colony about to list out the port city visakhapatnam. which have several types of water pollution. which have several types of water pollution. over the Industrial sites, wastes water ward one major contributor to water pollution and also another causes include to water pollution.

The whole colony was divided into to quadrants of 200x400 meters. the surroundings untreated waste water directly contributes 'Chlamydomonas', typhoid fever and rabies virus.

## 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.

N.T.R Colony is located in Visakhapatnam district in the state of Andhra Pradesh, India.

Water pollution is any physical change in the quality of water that has harmful effect of water pollution. Water pollution sources is arggende manulint waste mine drainage. modern washing powders and they drainage. pollution ground water pollution.

Nutrient pollution which includes nitrates phosphates is leading type of contamination in fresh water.



### 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.

In this area water pollution degrades the quality of the water in the water bodies. Many disease can spread through waste water cause the disease of fever malaria water with increase in the amount of organic waste in water bacteria use up the available oxygen.

Surface water and water are both important sources for community water supply needs.

Waste water directly contributes Chlorea typhoid fever for water pollution causes some disease.

### ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	visited the study area and divided into colony four divisions	Learned about water pollution types.	
Day - 2	Identify and tabulated the list of home members	Studied types of pollution wastages.	
Day - 3	Identify and tabulate the numbers of members the line and 2	We locate the shortage of water bodies	
Day - 4	Identify and tabulate the colony in line 3 & 4	We do served note of water bodies pollution	
Day - 5	Identify and the numbers list of with line	studied water pollution of causes.	
Day - 6	studied the abundance of water pollution in what are observed in colony.	learned identification of water pollution	

## WEEKLY REPORT

WEEK - 1 (From Date: 01/01/2020 To Date: 07/01/2020)

Objective of the Activity Done:

Detailed Report:

The waste from house holds, factories or agricultural lands, gets lakes, this discharged into rivers, our lakes. Waste can either be in the form of liquid waste, garbage or sewage. The harmful chemical coming out of this waste can damage aquatic life.

It taints the aquatic life. even when the humans end up drinking polluted water, they make themselves vulnerable to various life threatening diseases like hepatitis, cholera, typhoid and many other water borne disease.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The data obtained in 1st week is tabulated and studied.	learned about water pollution in the community area.	Ganesh
Day - 2	Using The data and awareness Camp has been conducted in the community	learned about how to water a campaign	Ganesh
Day - 3	by the campaign creative comes about the water pollution.	learned about causes of water pollution in area.	Ganesh
Day - 4	The campaign has been continued and created awareness on value of pollution.	learned about various sources of pollution in community area	Ganesh
Day - 5	the campaign has been continued and increasing water pollution in area.	learned about various sources of pollution in community area	Ganesh
Day - 6	the campaign has been continued and created awareness about protective measures to prevent the water.	learned about protective measures to take in rescue of water pollution	Ganesh

## WEEKLY REPORT

WEEK - 2 (From Dec 1, 2021 to Dec 7, 2021)

Objective of the Activity Done:

Detailed Report:

The pollution happens when water flowing down streams gets contaminated at different points. A river may get polluted by sewage and industrial effluents. Waste water goes in the oceans, rivers etc.

In the fact water especially fresh water is one of the most important elements in the world. However with increasing levels of water pollution

the oxygen level in polluted water is lower. This causes the death. Health is affected in the body and depends on several factors including drinking fresh.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The data tabulation 1st and 2nd week is Analyzed	learn about how to prepare a data analysis	<i>[Signature]</i>
Day - 2	The analysed data is written on the power in required manner	learn about methods of data presentation.	<i>[Signature]</i>
Day - 3	The pictures has been collected which were taken during collection	learn about methods of data presentation	<i>[Signature]</i>
Day - 4	pie charts and tabulated forms were prepared	learn about preparation of tabular forms.	<i>[Signature]</i>
Day - 5	Information obtained is updated in the data Report	learn about information updated in the data request	<i>[Signature]</i>
Day - 6	The Reported data. Self verified data. - Again	learn about how to prepare and prepare and report data analysis	<i>[Signature]</i>

## WEEKLY REPORT

WEEK - 3 (From Dt. 7.10.22 to Dt. 13.10.22)

Objective of the Activity Done:

Detailed Report:

Water pollution is the cause of the undisciplined action and irresponsibility. We humans are only creating problems that consequently water is essential to our body.

It causes such sickness and diseases that will badly affect our health. If we need and we should help some one or mother nature.

The pollution happens when water flowing at streams get contaminated at different points. Water not only our thirst but also plays a critical role in keeping us healthy.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	the Community project report programme book were downloaded and point point has been	people in shival years using mine re to denk	<u>Sinh</u>
Day - 2	the data obtained and prepared data were entered in the program book	law lies should be created.	<u>Sinh</u>
Day - 3	the pictures taken during project were printed and fixed in the program book.	A ownership should be created in N.T.R colony	<u>Sinh</u>
Day - 4	the pictures taken during project were printed and fixed in the program book	people are in NTR colony using culter.	<u>Sinh</u>
Day - 5	the programme book papers are arranged in and and verified one again	people are sultry with ditonking.	<u>Sinh</u>
Day - 6	the programme book has given for binding Role work.	people are attractive to elite nupal water	<u>Sinh</u>



## WEEKLY REPORT

WEEK - 4 (From DUS:26:22. to DUS:30:22)

Objective of the Activity Done:

Detailed Report:

ground water it is a source of a water that is under the land surface it is accessible by wells, tube wells and hand pumps.

Surface water this type of source is found on the surface e.g., rain water. it is the major source of water from rain. Chlorine and chloramine are the major used in public water systems.

Safe and readily available drinking water is key to public health. Community water systems and water to plants are important ways to ensure the health of a community.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	few people are drinking rural water in shivalyarn.	Peoples in NTR colony purifying rural water.	N. Vasudha
Day - 2	Some people are receiving the rural water	Drinking rural water in their area.	N. Vasudha
Day - 3	many people are. of torolente to drink the ground water.	they are able to drink the ground water	N. Vasudha
Day - 4	many people are facing in joint pairs but buying water.	Drinking lallater water	N. Vasudha
Day - 5	many people are facing poor water facility in N.T.R colony	good facilities are should be created	N. Vasudha
Day - 6	many people are facing the water. from outside close to water palletemb	Awareness should be created in N.T.R colony	N. Vasudha

## CHAPTER 5: OUTCOMES DESCRIPTION

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

Oxygen depletion pollution:

Another consequence of algal blooms is their consumption of oxygen supply. This means that those are killed off which depend upon oxygen to survive and while aerobic ones thrive. Some anaerobic microorganisms are capable of producing ammonia sulphides and other harmful toxins, which can make the water even more dangerous to animals and humans, too...

Surface water pollution:

Referring to all water sources above ground, such as rivers, lakes, seas and oceans.

Surface water pollution can occur both naturally accidentally and intentionally.

Describe the problems you have identified in the community

- \* N.T.P. Colony is rich in water resources have several beneficial values most of the people in the area don't know their values.
- \* Due to this they are hesitant to protect them.
- \* The peoples in this study area losing several valuable resources contaminated due to this improper Conservation.
- \* Due to an sufficient knowledge the people in the area are valuing to conserve the plants and labbed our two water sources
- \* In the area of n.t.p. Colony peoples doesn't know the value of 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.

Since the water pollution in the studied area are high level and their quantity is being shortage there is a necessity to conserve

those types of conserving the water sources:

\* pick up litter and throw it away in garbage

Com.

\* blow or sweep fertilizer back onto the grasses if it gets into paved areas don't put fertilizer on the grass right before storm drain and water ways.

\* wash car, vehicles or outdoor equipment where it can flow to ground or grassy area instead of a street.

\* mulch or compost grass or yard waste. The water was facing the problem of water pollution. Those people affected by these pollution side effects like pollution.

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

and vomitings. typhoid. etc... Some of the people facing calcium deficiency and iron deficiency. parham. chichims and dwells are also facing health issues for water pollution of drinking water.

The solution of these problems are and study awareness about water importance and how to pollution. avoid reserves. and how to save our water bodies.

**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 8-10 pages.*

Water pollution:

Water pollution is the Contamination of water in water bodies such as rivers, oceans, lakes and swamps, this as means. Cans one or more sub stone have built up in water to extent of causing problems to people, animals and plants.

So whether our water is consider to be pollution will depend on what that water was go to be used for.

## Causes of water pollution:

there are numerous causes of water pollution. The main ones are listed below:

### Types of sources.

#### 1. Point source:

it is directly to be to influence here pollution travels directly from source to water.

Point source are easy to regulate.

the main source of water pollution are as follows.

\* Community waste water include discharges from houses. Commercial and industrial establishments connects to public sewerage system.

#### 2. Industrial waste: (W) The industries

discharge several inorganic and organic pollution which may highly toxic to the living beings.



### 3. Agricultural Sources:-

- \* Fertilizers contain major plant nutrients such as nitrogen phosphorus and potassium.
- \* excess fertilizers so many be mixed water by reach the ground water by leaching or may be mixed with surface water of rivers, lakes and ponds by runoff and drainage.
- \* Pesticides, insecticides and soil fungicides. they contain a wide range of chemicals such as chlorinated hydrocarbons.

### 4. Underground Water Pollution:-

- \* in India at many places, the ground water is saturated with contamination due to seepage from industrial and municipal waste to and effluents, sewage channels, and agricultural runoff.

6. marine pollution →

\* oceans are the ultimate sink of all natural and manmade pollutants.

\* Rivers discharge their pollutants into the sea. So their pollutants into the and garbage of coastal cities are also dumped into the sea.

6. Garbage plastics are non-biodegradable. mass plastic clay water bodies and Contaminated water.

7. urbanization ÷ urbanization is a key factor in increasing the amounts of water pollutants.

8. pumping solid waste ÷ Humans often carelessly dump their trash in the sewer near rivers.

## 9. oil Spills ÷

Accidental oil spills have devastating effect on seas.

## 10. Dissolved Solid Waste: Human pollution.

gases in the air. Can dissolve into salt and fresh water and pollute it.

## Control measures ÷

\* Riparian purifiers

\* Recycle.

\* Treatment of sewage water and the industrial effluents should be done before releasing in water bodies.

\* Hot water should be cooled before release from the power plants.

\* Domestic cleaning in tanks, streams and rivers, which supply drinking water should be prohibited.

## Ground Water pollution :-

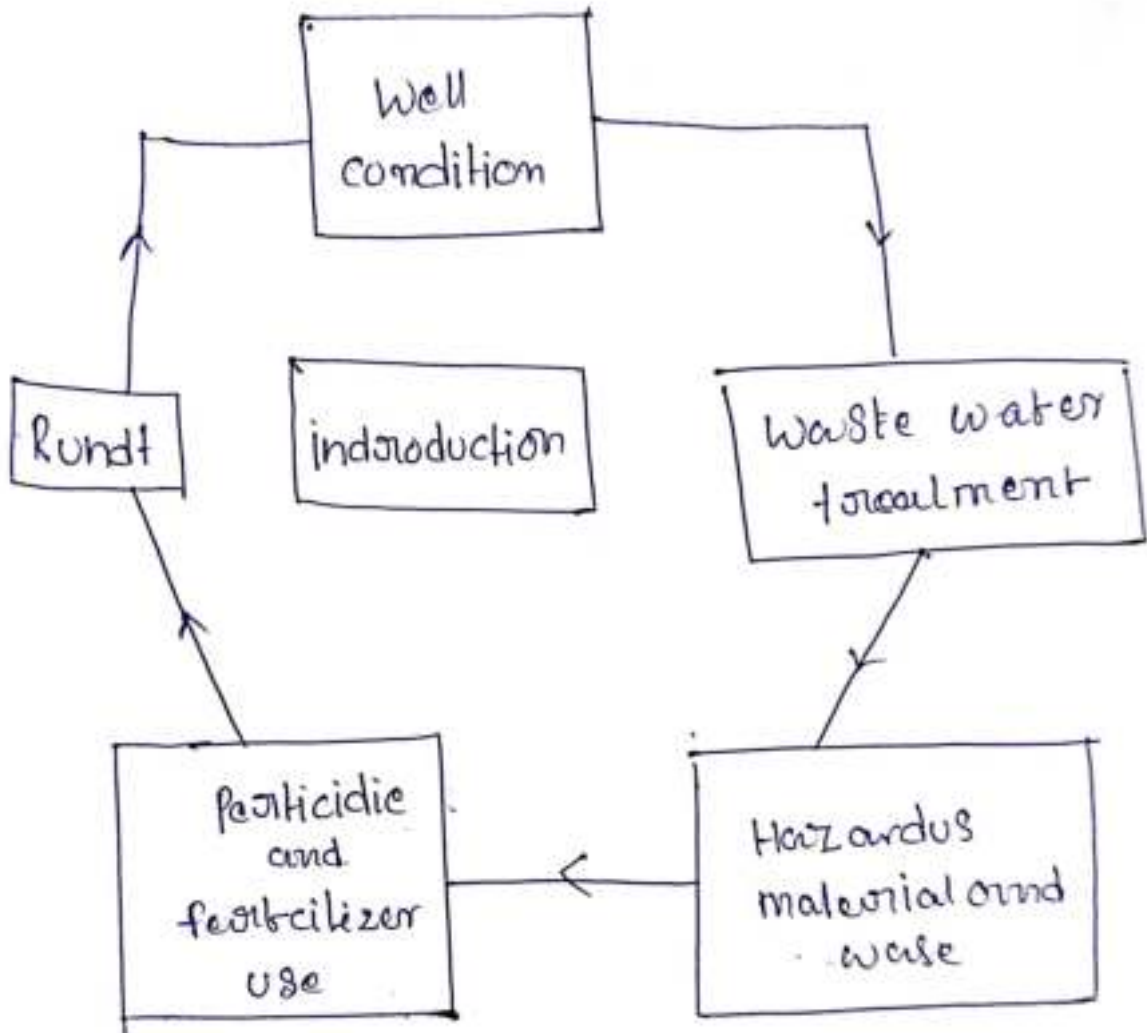
- \* Any addition of Undesirable substance to groundwater caused by human activity is considered to be contamination if has been assumed that contaminants left on or under the ground will stay there.

## Source of ground water pollution :-

- \* Most concern over ground water contamination has centered on pollution associated with human activities.
- \* Human ground water contamination has centered on to waste disposal system land disposal of solid.
- \* municipal waste water, waste water, impoundments toward spreading of sludge, by industry, disposed from spreading of

Sludge. brine. disposed from the petroleum industry.

\* mine waste. deep-cell herbicides and animal waste are agricultural source of ground.



## Student Self-Evaluation for the Community Service Project

Student Name: Vibhu Simhadri

Registration No: 72013080F079

Period of CSP: From: To:

Date of Evaluation:

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

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:

V. Simhadri

Signature of the Student

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

Student Name:	U. SIMHADRI
Registration No:	720130805079
Period of CSP: From: To:	
Date of Evaluation:	
Name of the Person in-charge:	
Address with mobile number:	9347375248 N.T.R. Colony paval onal

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date:

Signature of the Supervisor





Visakhapatnam, Andhra Pradesh, India  
Peddaganuru, G. madugula, 531049, visakhapatnam, Andhra Pradesh, India



Visakhapatnam, Andhra Pradesh, India  
Peddaganuru, G. madugula, 531049, visakhapatnam, Andhra Pradesh, India



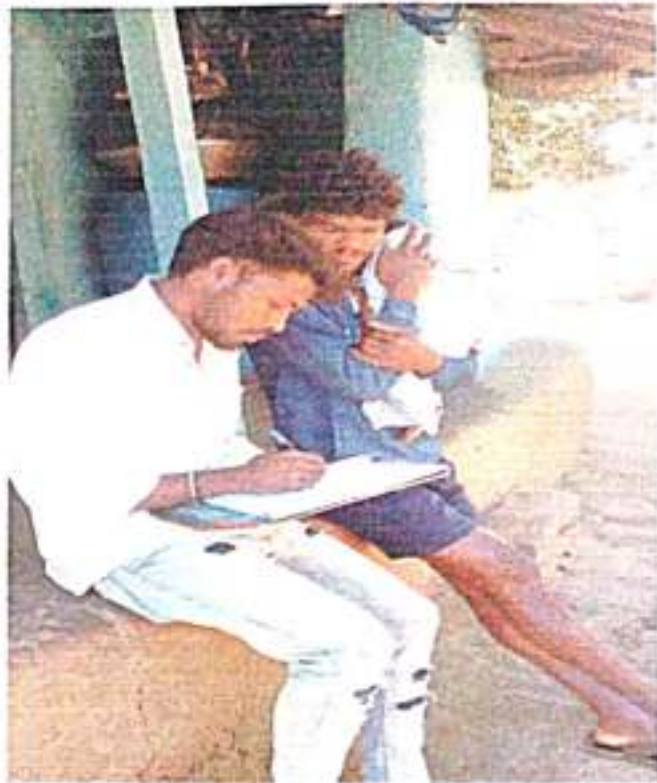
Visakhapatnam, Andhra Pradesh, India  
Peddaganuru, G. madugula, 531049, visakhapatnam, Andhra Pradesh, India



Visakhapatnam, Andhra Pradesh, India  
Peddaganuru, G. madugula, 531049, visakhapatnam, Andhra Pradesh, India



Visakhapatnam, Andhra Pradesh, India  
Pudlakrishna, G. Mahalingam, 531045, Visakhapatnam, Andhra Pradesh, India  
img@psh 11



Visakhapatnam, Andhra Pradesh, India  
Pudlakrishna, G. Mahalingam, 531045, Visakhapatnam, Andhra Pradesh, India  
img@psh 11

**MARKS STATEMENT**  
**(To be used by the Examiners)**

## INTERNAL ASSESSMENT STATEMENT

Name Of the Student: *Jadave Simhadri*  
Programme of Study:  
Year of Study:  
Group: *B.Sc M.P.C (A)*  
Register No/H.T. No: *720130805079*  
Name of the College: *Mrs. A.D.N. College*  
University:

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	20	
2.	Community Service Project Implementation	30	
3.	Mini Project Work	25	
4.	Oral Presentation	25	
	GRAND TOTAL	100	

Date:

*B.lit*  
Signature of the Faculty Guide

Certified by

Date:  
Seal:

*[Signature]*  
Signature of the Head of the Department/Principal