

**SURVEY ON WATER POLLUTION USED BY PEOPLE AT
NTR COLONY AND PORT AREAS**

By

B.VENKATRAMANA

REGD.NO.:720130805007



Estd : 1860

**PROJECT WORK SUBMITTED TO MRS.A.V.N.COLLEGE,
AFFILITET TO ANDHRA UNIVERSITY, VISAKHAPATNAM**

FOR

**THE PARTIAL FULFMENT OF DEGREE OF
BACHELOR OF SCIENCE,**

2020-2023

MRS. A.V.N COLLEGE





Estd. :1960 VISAKHAPATNAM-530001

ANGHRA PRADESH

CERTIFICATE

This is to certify that project entitled as " Survey of screening report on Water pollution at Port area" is Bonfide work done by JAKA VASU (Regd.no:7 20130803026), BSc- M.P.C student under my guidance. I certify that the project work done by him/her is original and has not been submitted to any other information.


P.krishnakumari (madam)
MENTOR


(M. Simhadri Naidu)
PRINCIPAL
Mrs. A.V.N. COLLEGE
PRINCIPAL VISAKHAPATNAM

DECLARATION

D.VENKATRAMANA, Student of BSc-MPC, Mrs. A.V.N College, affiliated to Andhra University here by declared that this project entitled "Survey an Screening report of WATER POLLUTION at PORT area" is a genuine work carried out by me under the guidance of Mrs.P.KRISHNAKUMARI lecturer in Chemistry, Mrs A.V.N College, Visakhapatnam, Andhra Pradesh. Furthermore, this project work was not submitted to any other institution or university for awarding any Degree.

Date:

Place: Visakhapatnam

D. Venkata Ramana
Name & signature of the student

2022



 **EDUSKILLS**
Skill Building Through Skills

Virtual Internship Completion Certificate

This is to certify that

Venkata Ramana Bagadi

M.B.E. A.V.N. Degree College

Has successfully completed 10 weeks

AWS Cloud Virtual Internship

During Sep - Nov 2022

Supported By  AWS Academy

Handwritten signature

Handwritten signature

Prof. S. Suresh Babu
Vice-Chancellor
Anna University, Chennai

Dr. Suresh Babu
Vice-Chancellor
Anna University, Chennai



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: B. Venkatesh Prasad

Name of the College: Govt. Arts & Science College

Registration Number: 210116 805007

Period of CIP: From: 12-9-2016 To: 15-10-2016

Name & Address of the Community / Habitation:

Padma Venkatesh City University

YEAR

Instructions to Students for Community Service Project

Please read the detailed Guidelines on Community Service Project posted on the website of AP State Council of Higher Education <https://apche.ac.in>

Link:

<https://apche.ac.in/78/Guidelines%20for%20the%20CIT%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 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 for transportation to reach the community/habitation.
5. You will be assigned 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 the 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 some of applications of knowledge and technologies related to your discipline.
- Identifying developmental needs of the community/habitat.

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 whenever necessary.

14. At the end of Community Service Project, you shall be evaluated by the person-in-charge of the community/habitat to whom you report to.

15. There shall also be an 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 people 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: MYS - AVN College

Department: B.Sc. Chemistry

Name of the Faculty Guide: [Signature]

Duration of the CSP: From 2.7.22 To 21.11.22

Name of the Student: B. Venkata Ramana

Programme of Study: CSP

Year of Study: 2022 - 2023

Register Number: 220130805007

Date of Submission:

Student's Declaration

I, P. KRISHNIA SURIAR, a student of M. Sc Program,
Reg. No. 19000000003 of the Department of CHEMISTRY of
Mrs. A.V.N. College College do hereby declare that I have completed
the mandatory community service from 10.11.2022 to 11.01.2023 in
Yelachur (Name of the Community/Institution) under the Faculty
Guidance of _____ (Name of the Faculty Guide), Department
of Chemistry Yelachur College.

P. KRISHNIA SURIAR
(Signature and Date)

Endorsements


Faculty Guide

P. KRISHNIA SURIAR
HOD IN CHEMISTRY
DEPARTMENT OF CHEMISTRY
MRS. A.V.N. COLLEGE
YELACHURPATNAM-530002


Head of the Department


Principal
PRINCIPAL
MRS. A.V.N. COLLEGE
YELACHURPATNAM

Certificate from Official of the Community

This is to certify that E. V. ... (Name of the Community
Service Volunteer) Reg. No. ... of ... College (Name of
the College) underwent community service in
... (Place of the Community) from ... to
.... The overall performance of the Community Service Volunteer during
his/her community service is found to be Good (Satisfactory/Good).

Authorized Signatory with Date and Seal

Acknowledgements

It is really a matter of pleasure for us to get an opportunity to thank all the persons who contributed directly/indirectly for the successful completion of the project report. "WATER POLLUTION" was special tribute to Miss Junction Angulachari Pulam Vittalachariam district of Andhra Pradesh.

I wish to express my gratitude to all the members of Angulachari Pulam colony for giving the proper response which has been instrumental in completion of this project. I am thankful to my teacher P. Venkateswari lecture in ~~biology~~ chemistry Mrs A. Vasanthi Vittalachariam for taking care of the project.

I would also like to extend my gratitude to the principle Mr. Subrahmanya Reddy for providing all the facilities that were required.

In the end I wish to thank my parents as well as their support and encouragement - without which I could not have completed this project in the limited time frame.

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 CSR and five or more learning objectives and outcomes.

NAB Junction, Durgabaiwadi station located in Virachhapuram, Andhra Pradesh.

Water pollution is the contamination of water bodies by substances which make the water unsuitable for drinking, cooking, cleaning and other activities. Pollutants include chemicals, trash, bacteria and pesticides all of which do pollute eventually have some way to water.

In my survey I have observed that most of the people are affected with water borne diseases, typhoid etc. To control this pollution we have to take some steps like making all water to be treated with proper prevention and control of pollution in water.

Objectives:

- Identify the ways in which water is polluted.
- Our own water pollution.
- Identify contributors that are very harmful pollutants.

Outcomes:

- Incidence should be reduced.

→ substances should be counted.

CHAPTER 2: OVERVIEW OF THE COMMUNITY

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

Dunguwarlani people live in 55000, it is a
village, and a people live here and
placed in mountain the people are the friendly with
each other.

The house are placed with in the place that
are used for each day of the day people
are using material water for drinking and also
also.

Some people are using water and
day. Some people are using water, and using
of water, which is used with drinking water.

Some people are using ground water for
drinking for water of this area is not purified water
are either from some area, there of,
drought and long term drought.

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.

THE ~~THE~~ ACTIVITIES UNDERTAKEN IN THE COMMUNITY DURING THE COMMUNITY SERVICE PROJECT.

- (1) survey on basic economic
- (2) small hold survey
- (3) Report writing
- (4) awareness created
- (5) awareness programme
- (6) Submit the Project
- (7) Finish the project

VALUES, LIFE SKILLS, AND TECHNICAL SKILLS.

1. Team work and problem solving skills
2. to abilities to communicate effectively with other
3. to appreciate nature of project area also gain broad the mind and emotional learning programme
4. people in today environment have a wider and more diverse social circle
5. that, those learn gradually and continuously are better able to face learn along with it of have learned and all

6. when people learn and again continue to
try new things and stretching themselves.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day-1	Less houses are taking municipal water	Privately managed water	<i>[Signature]</i>
Day-2	Many houses getting water from bore hole	Privatized should be increased	<i>[Signature]</i>
Day-3	Less houses getting water from surface but instead people are getting water	Privatized should be water here	<i>[Signature]</i>
Day-4	Many people are drinking mineral water due to low quality	Quantity of water should be increased	<i>[Signature]</i>
Day-5	Some municipal water is being supplied to water	Privatized should be increased	<i>[Signature]</i>
Day-6	Many people are drinking bore water and use it in their daily life	Water supply should be increased	<i>[Signature]</i>

WEEKLY REPORT

WEEK - 1 FROM DN. _____ TO DN. _____

Objective of the Activity Done

Detailed Report

In our laboratory colony the units supply is not low some people are getting units with some units pollution, not connected and not in the units the unit is heated for driving people

people are getting from kind front, back, sides, length and some long from desks, some people are not getting good as result of units, big, strong and strong

In our colony the units quality is low and most of the people are unaware it means they are getting from wrong kind types of units, units with low getting, kindless desks and leaves problems are solved to the people - also are about to

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person in Charge Signature
Day-1	In Danganbunpulan colony few people are subscribing from water cart	water cart should be provided	<i>[Signature]</i>
Day-2	few people are getting water from distant	water cart should be provided	<i>[Signature]</i>
Day-3	In Danganbunpulan colony some people are getting water cart	water supply should be increased	<i>[Signature]</i>
Day-4	In Danganbunpulan colony people are getting water from distant	Quantity of water should be increased	<i>[Signature]</i>
Day-5	few people are getting water from supply	water supply should be increased	<i>[Signature]</i>
Day-6	many people are getting water from municipal corporation	supply of water should be increased	<i>[Signature]</i>

WEEKLY REPORT

WEEK - 2 (From Ds _____ to Ds _____)

Objectives of the Activity Done:

Detailed Report:

These people are getting water from
wells due to scarcity of drinking water. Under
shortage water, following they are getting low
quality water. Some people are depending on
ground water due to low quality of water.

In many areas people are drinking
water which is not safe. Some people
are suffering from some water borne
diseases.

Finally, water is no proper
water supply. Quality of water is too low
people are not getting municipal water and
they are depending on ground water but
quality.

So, if people are depending on they
are not getting water from municipal
corporation drinking they are getting
municipal water.

WEEKLY REPORT

WEEK - 1 (From 18/01/2020 to 24/01/2020)

Objective of the Activity Done:

Detailed Report:

Some people are getting health issues related due to excess of drinking water, while drinking water pollution may be getting low quality water some parts are depending on ground water due to low quality of water.

In rainy season people are drinking water with a lot of salt particles, people are already having some joint pain and some other many problems.

Finally, water is no longer under supply. Quality of water is too low, people are not using municipal water and they are depending on ground water this is a big problem.

So, if people are worried, they are not getting water from municipal corporation, drinking they are getting municipal water.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person in Charge Signature
Day-1	many people, teachers are observing from just a few days long term results	Observation should be increased	
Day-2	less people are coming here, more and more for coming	Attendance should be checked in people	
Day-3	The management policies which people are getting under with school performance	awareness of the problems from the school	
Day-4	many people are coming under with more better study performance	Classroom to work learning should be increased	
Day-5	more of the people are getting under with more good study performance	Attendance of work should be increased	
Day-6	less people are coming here, more and more studying from their friends	teacher supply should be increased	

WEEKLY REPORT

WEEK - 1 (From Dt. _____ to Dt. _____)

Objective of the Activity Done:

Detailed Report:

Agriculture, animal and fisheries water is mixed with local drinking water because of that they are getting water from outside. I.e. natural water etc. water quantity is also very low.

In Bungle areas, people are getting water, water, animal, fishery products with in single quantities. But in some some people are getting long term disease like cold, fever, problems, fishery products etc.

In some areas, people are getting long term or water supply is low and work with large quantity are not getting required amount of water. people are bringing water from outside and it with large amount.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day-1	most of the participants getting involved with the program especially coloring	people understand and participate in the program and want to learn	Barlow
Day-2	most people are starting to understand the program	children should be confident	Sutton
Day-3	some people are starting to understand the program and they are more confident	children should be confident in the program	Sutton
Day-4	some people are starting to get better results	people are in the program and are getting better	Barlow
Day-5	all participants are starting to understand the program	some people are starting to understand the program and they are more confident	Barlow
Day-6	some people are starting to get better results	people are in the program and are getting better	Barlow

WEEKLY REPORT

WEEK - 4 (From DR _____ to DR _____)

Objective of the Activity Done:

Detailed Report

In regular supplies colony people are directly supplied under some people of district. Municipal water and few people are drinking ground water by hand.

They are not getting portable water under polluted water. Under the drinking water. Some people are getting water under and for holes which is not used by directly but by personal water supply. It is not supplied properly in polluted water. At least people are getting water. Some some drink filtered drinking and some long-term water.

People are not aware of filtered 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
Day - 1	Most of the people are already vaccinated and waiting for their part	Less requirements places around should be made	
Day - 2	Many people are still under supply low under supply now getting under transmission	under supply should be increased increased.	
Day - 3	Most of the people are already vaccinated and waiting for their part	under supply should be increased	
Day - 4	Many people are still under supply with some blocking for their part	people, vaccine or doctor they are getting	
Day - 5	Low people vaccinated under some staff to be given to be vaccinated	Requirements should be made	
Day - 6	part of activity still part and some long form about one to low under supply	Requirements should be increased much of under should be increased	

WEEKLY REPORT

WEEK - 1 (From DR _____ to DR _____)

Objective of the Activity Done:

Detailed Report:

In my laboratory class during this week we were discussing units and how we get the units from mass like how many units of mass and how many units of length and how many units of time.

The quantity of units level first, and then we started with density units. It is also important that we should not mix the units and substitution including a couple of other units like power, work, and energy. We also discussed the units of force, which are also units of energy.

We also went to the library to the end of the class and they concluded that in the study area, there is a high degree of labor intensity. It is very hard to work on the way to work. It is getting some little hard.

CHAPTER 8 OUTCOMES DESCRIPTION

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

1. Name of the person?
2. Name of the village/Habitat?
3. Gender and age of the person?
4. Type of family (nuclear/joint/extended)
5. What is your caste name?
6. Which source of drinking water are available in your neighbourhood?
7. Which source of clean water held in?
8. Is there frequently sufficient for your needs?
9. Any water born diseases in your house?
10. Is any of your family member suffering from any disease?
11. Which are the sources frequently used in the locality?
12. Contaminated and drinking water source?
13. How is drinking water purified?
14. What input do workers have on the Aquatic life zone?
15. What have been encountered in the last ten years?

Describe the problems you have identified in the community

Contaminated water and poor sanitation are linked to
franklinella & decrease birth of children, diarrhoea,
dysentery, hepatitis - typhoid and other risk
inadequate or inappropriate coverage of
and sanitation services. Legal individual to
preventable health risks. This is particularly the
case in waterless households where both potential
and strain are placed on additional sites of rights
and decrease the locally available 12% of potential
developing water director directly a hospital. Any, with
the population will greatly in low income countries

Inadequate management of urban waste
water and agriculture water using means directly
under the hundred or millions of people in dangerous
containers for chemically polluted natural processes
to chemical particularly in ground water, can
also be a health significance, including arsenic
and fluoride, while other chemicals, such
at least may be elevated in from water supply
components in contact with 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.

Possible solution for the problems identified

- Waste waste treatment
- Plastic policy regulation
- water conservation
- Install quality standard toilet in your home
- Specific taxes
- Avoid using the toilet as a waste basket
- Stricter policy enforcement
- Increase awareness

Solutions:-

- Before now sewage water safety released into into the environment, it needs to be treated properly in a water treatment plant. In a water treatment plant, sewage goes through a number of chemical and chemical process to reduce the amount and toxicity of the water.
- The final step of treatment is to remove phosphorus. This step can be done before the water can be released. Almost all toxic phosphorus are removed from the water and chemical are removed. Chemicals are supplied to get rid of any left over.

Description of the Community awareness programmes conducted was the problems and their outcomes.

Awareness about water
 public water conservation, community level awareness
 level of safety about the importance
 of using water to stop the water in scarcity
 and to have water facility, the aim is to
 change human attitudes and behaviour to
 improve water use efficiency awareness programmes

S.No.	Name of program	mode	Date
1.	Awareness program on water conservation	propaganda and posters in programme	09.05.2019
2.	Community level water source, conservation	community level (water) show in programme	21.06.2019
3.	on occasion of water world water day global water forum, water, water, water	evaluation (document) conclusions in programme	22-5-2011

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 for aquatic pollution

Water contamination or water quality usually as a result of human activities that introduce pollutants into water bodies include (acid rain, ocean dumping, reservoirs and ground water) water pollution - on several other contaminants are introduced into lakes water bodies water pollution can be defined as all of those sources through discharged industrial activities agriculture activities and urban wastes including - domestic - industrial - agricultural - municipal (other types water pollution or surface pollution or ground water pollution) for example, releasing industrial wastes into water, into the natural water can lead to degradation of that aquatic ecosystem water pollution can also lead to waterborne

discharge of people, urban pollution, water, air, noise, including, mostly in the irrigation water pollution. Moreover, the facilities to be looked to include to provide to recreational services (such as drinking water) that it would be otherwise provided.

Sources of water pollution are other point sources & non-point sources. Point sources have an identifiable cause, such as a storm drain wastewater treatment. Such as agriculture, urban pollution may take the form of toxic substances (pesticides, fertilizers, herbicides, pesticides, etc.) they are common (eg:- changes in pH, hypoxia or anoxia, increased temperature, excessive turbidity, unpleasant taste or odor and change of substrate) or pathogenic organic substance that can also be a pollutant and they are called non-point pollution. Non-point source of the thermal pollution of the air or water, as a result of plants and industries, manufacturing.

Control of water pollution requires appropriate legislation and management plans as well as legislative technology. Various new facilities including treatment, sewage treatment, industrial effluent treatment, agricultural water treatment (water control), sediment control and control of urban runoff (including stormwater management) structural control to water quality. It includes reducing speed and quality.

4. How

CONTAMINANTS WITH AN ORIGIN BY SOURCE:

The following compounds are all found in water bodies via new sewage or effluent treated sewage discharges:-

- > various chemical compounds found in personal hygiene and cosmetic products.
- > derivatives of products found in household chemicals (while these are the chemical can be a pollution quantity distribution wherever they are easily soluble and do not get usually bound found in environmental context)
- > hormones and synthetic-steroid drugs as the molecules that make hormones in their action
- > insecticides and herbicides, often from agricultural usage

in the water pollution action from source the main polluting are suspended solids

bio-degradable organic matter, nutrients and toxic pathogens organisms

ORGANIC COMPOUNDS

Organic substances that enter into
waters are either toxic

→ petroleum hydrocarbons including fuels (gasoline, diesel fuel, jet, kerosene, and kerosene oil) and lubricant (motor oil) and still concludes hydrocarbon from oil spills or from water runoff

→ volatile organic compounds such as isopropanol, alcohol, acetone, methanol, formaldehyde, and organohalogen such as polyhalogenated (PHEC) and trichloroethylene, acetone, alcohol, and polyhalogenated substances (PFAS) are persistent organic pollutants

TYPES OF SURFACE WATER POLLUTION

Surface water pollution includes pollution of rivers, lakes, and oceans, a subset of water
water pollution is various pollution which affects the ocean without pollution coming to contamination
water by excessive liquid or nutrient.

globally about 4.5 billion people do not have
sufficiently managed sanitation in 2017, according
to an estimate by the Joint Environment Program
and the World Bank to improve sanitation.

MARINE POLLUTION:

marine pollution occurs when substances used or spread by humans, such as industrial effluents, oil, municipal waste, plastics and other excess carbon dioxide or invisible organisms enter the ocean and cause harmful effects there.

NUTRIENT POLLUTION:

Nutrient pollution is a form of water pollution where its contribution by excessive amount of nutrients.

THERMAL POLLUTION

Thermal pollution is a form of water pollution where its degradation or loss of quantity by any process that changes ambient water temperature. Thermal pollution is the rise or fall in the temperature of a natural body of water caused by human influence.

Biological Pollution

The introduction of a species which originates in a form of water pollution is called biological pollution. It is caused by human influence.

Infinite

→ Ecology:

Water pollution is a major global environmental problem because it has results in the degradation of all ~~the~~ aquatic ecosystems both ~~in~~ fresh and ocean water.

→ Public Health and Waterborne Diseases

Waterborne diseases are transmitted through contaminated water and food. In 2019, about 1.8 million people died from waterborne diseases.

→ Ocean Acidification:

Ocean acidification is another impact of water pollution. Ocean acidification is the ongoing decrease in the pH value of the world's oceans caused by the uptake of carbon dioxide.

GROUND WATER POLLUTION:

Ground water pollution occurs when pollutants are released to the ground and water there. Any gas, liquid, or solid that enters the ground can pollute it. This type of water pollution can also occur naturally due to the presence of radon, arsenic, and uranium. Contaminated groundwater is a major source of drinking water. It is more likely to be contaminated because it is more likely to be in contact with the ground than surface water.

When these ground water pollutants are released to people they get diseases like cholera, typhoid, jaundice, and other diseases. It also causes cancer, kidney problems, brain damage, and thyroid diseases. It also causes allergies.

Ground water pollution poses a threat to the health of people and ecosystems. It is a major source of drinking water. It is also a source of water pollution. It is a major source of water pollution. It is a major source of water pollution. It is a major source of water pollution.

These polluted water can be treated in many ways like filtration, chlorination, and other methods. It is a major source of water pollution. It is a major source of water pollution. It is a major source of water pollution. It is a major source of water pollution.

CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT

RECOMMENDATIONS:-

- Small water conservation (Aqua) :- employ filters to complement piped water supply.
- piped water supply :- pilot safe water supply initiatives and build local capacity
- digital tools :- improve e-governance of very damaging digital tools.

CONCLUSIONS:-

only a few of which are identified have shown and proven demonstrate the capacity to recover from the effects of certain pollution but many, but some sluggish, and occur from little, and hence to be effect of water pollution.

- there is need for research and development in potential water use facility and appropriate technologies.

Student Self-Evaluation for the Community Service Project

Student Name: Dr. Umar Farooq

Registration No: 2020200200000000

Period of CSH: 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	Teamwork	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	E

Date:

Dr. Umar Farooq
Signature of the Student

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

Student Name: B. Venkatesh Kumar

Registration No: 520120305105

Period of CSP: From To: 12-4-22 to 12-6-22

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	Interactions	1	2	3	4	5
4	Interactive 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	Pro-socialism	1	2	3	4	5
10	Civility	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



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Vishkapatnam, Andhra Pradesh, India

16°52'24.100"N, 81°55'00"E

Vishkapatnam, Andhra Pradesh 520000, India

Lat: 16° 52' 24.100"

Long: 81° 55' 00.000"

07/03/2018 24 14 00:00 +05:30

Google



EVALUATION

Internal Evaluation for the Community Service Project

Objectives

- To facilitate an understanding of the issues that confront the vulnerable / marginalized sectors of society.
- To initiate these processes with the student groups for societal change.
- To provide students an opportunity to familiarize themselves with the urban / rural community they live in.
- To enable students to engage in the development of the community.
- To plan activities based on the focused groups.
- To know the ways of transforming society through systematic programme implementation.

Assessment Method

- There shall only be internal evaluation.
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 100 marks.
- The number of credits assigned is 4. Later the marks shall be converted into grades and grade points to include finally in the IGPA and CGPA.
- The weightings shall be:

o Activity Log	20 marks
o Community Service Project Implementation	50 marks
o Mini Project Work	25 marks
o Oral Presentation	25 marks
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within groups to be assessed this way. The assessment will take into consideration the individual student's involvement in the assigned work.
- While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The regularity and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
- The assessment for the Community Service Project implementation shall include the following components and based on Weekly Reports and

Outcomes Description

- a. Details of the Socio-Economic Survey of the village/substation.
- b. Problems identified.
- c. Community Awareness Programs organized.
- e. Suggested Short-Term and Long-Term Action Plan.

MARKS STATEMENT
(To be used by the Examiners)

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: S. Venkatesh, Hanumanth

Programme of Study: B.Sc.

Year of Study: B.Sc.I - 2022

Group: (C.C. 0146)

Regime No/LLI No: 440202020009

Name of the College: SVET - Anand College


University: Andhra University

SLNo	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:


Signature of the Faculty Guide

Date:
Seal:

Certified by

Signature of the Head of the Department/Principal

K. BRISHNA KUMARI
PHD IN CHEMISTRY
DEPARTMENT OF CHEMISTRY
SVET - ANAND COLLEGE
VIJAYANAGAR



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A Statutory Body of the Government of Andhra Pradesh)

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