

Model Program Book
**COMMUNITY
SERVICE
PROJECT**



Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

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

BY

DOMMETI CHANIKYA

REGD.NO:: 720130805021



Estd: 1860

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

FOR

THE PARTIAL FULFILMENT OF DEGREE OF

BACHELOR OF SCIENCE

2020 - 2023

MRS. A.V.N COLLEGE




Estd : 1860 VISAKHAPATNAM - 520001

ANDHRA 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 DOMMETI CHANIKYA (Regd.no:720130805021), 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.


(M. Simhadri Naidu)

PRINCIPAL
PRINCIPAL COLLEGE
VISAKHAPATNAM


V PAMIMINI
MENTOR

DECLARATION

DOOMETI CHANIKYA, Student of BSc- M.P.C,
Mrs. A.V.N College, affiliated to Andhra University here by
declared that this project entitled " Survey on Screening
report of WATER POLLUTION at PORT area" is a genuine
work carried out by me under the guidance of Mrs.V.PAMINI
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


Name & Signature of the student

PROGRAM BOOK FOR COMMUNITY SERVICE PROJECT

Name of the Student:

S. Chaudhary

Name of the College:

Ministryal College

Registration Number:

721130805021

Period of CSP:

From: *12-9-2021* To: *12-11-2022*

Name & Address of the Community / Habitation :

Andhra

University

YEAR

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%20OIT%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 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 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: Mrs AVN College

Department: Chemistry

Name of the Faculty Guide:

Duration of the CSP: From 12-09-22 To 12-11-2022

Name of the Student: D Chanikya

Programme of Study: Water pollution

Year of Study: 2020-2023

Register Number: 7337095659

Date of Submission:

Student's Declaration

I, D. Charukya, a student of M.P.C Program,
Reg. No. 720130005021 of the Department of Chemistry
Mrs. A.V.N. College College do hereby declare that I have completed
the mandatory community service from 12-9-2021 to 12-11-2021 in
_____ (Name of the Community/Habitation) under the Faculty
Guideship of _____ (Name of the Faculty Guide), Department
of English in A.V.N. College

D. Charukya
(Signature and Date)

Endorsements

V. Padma
Faculty Guide

KRISHNA KUMARI
HOD IN CHEMISTRY
Head of the Department
MRS. A.V.N. COLLEGE
VISAKHAPATNAM-530001

M. S. S.
Principal
MRS. A.V.N. COLLEGE
VISAKHAPATNAM

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".

From Mrs. AVN college visakhapatnam for being a source of support during this training period

D. Chanikya
(7337095657)

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 part city visakhapatnam which have several types of water wild etc major contribution to water pollution and another cause include to water

The whole colony was divided in to '70' quarters of 70x40meters the surrounding untreated waste water directly contribute chlorobacterial typhoid jaundice and other viruses

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.

NTP colony is located in Visakhapatnam District in the state of Andhra Pradesh, India.

Water pollution is any chemical, physical change in the quality of water that has harmful effect of water pollution. Water pollution sources is organic, inorganic waste, mine discharge, modern working power and they chemical pollution, ground water pollution.

Nutrient pollution which includes nitrate, 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 diseases 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 ground water are both important sources of community water supply.

waste water directly contributes chlorine, by product from water pollution causes. Some diseases.

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 water types |  |
| Day-3 | Identify and tabulated the number of members the live lands | we locate the shortage of water bodies |  |
| Day-4 | Identify and tabulated the colony in 3 & 7 | we observed note of water bodies pollution |  |
| Day-5 | Identify and the number list of 5th line. | Studied water of polluting causes |  |
| Day-6 | Studied and the existence of water pollution in NTP colony | learned Identify -ation of water pollution |  |

WEEKLY REPORT

WEEK - 1 (From DL 11-01-2020 to DL 15-01-2020)

Objective of the Activity Done:

Detailed Report:

The water from house hold filters or agricultural lands gets discharged into rivers and lakes. This waste can either be in the form of liquid waste, garbage or may be in the harmful chemical along with of this waste can damage aquatic life.

not just the aquatic life even when the humans end up drinking polluted water. They make themselves vulnerable to various life threatening illnesses like typhoid, cholera, hepatitis and many other water borne diseases.

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 sorted | learned about water pollution in the community area | Sir |
| Day-2 | using the data and our own experience conducted in community | learned about how to make a campaign | Sir |
| Day-3 | By the campaign centre awareness about the water pollution | learned about cause of water pollution in area | Chanda |
| Day-4 | The campaign has been continued and created awareness on water pollution | learned about various pollution in community area | Sir |
| Day-5 | The campaign has been continued and created awareness about increasing | learned about various health issues facing by pollution | Wolay |
| Day-6 | The campaign has been continued created by awareness about potential | learned about protection measure be taken to prevent | Sir |

WEEKLY REPORT

WEEK - 2 (From Dt. to Dt.)

Objective of the Activity Done:

Detailed Report:

The pollution happens when water flowing down streams get contaminated at different points. rivers may get polluted by sewage and industrial effluents which goes to the oceans seas etc.

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

The oxygen levels in polluted water is lower this color the width of several organisms drinking water should be safe for consumption water is required in the body depends on several factors including maintaining health.

ACTIVITY LOG FOR THE THIRD WEEK

| Day & Date | Brief description of the daily activity | Learning Outcome | Person In-Charge Signature |
|------------|--|---|----------------------------|
| Day-1 | The data obtained out and out work is analysed | learn about how to prepare a data analysis | Chen |
| Day-2 | the analysed data is written on the paper in required manner | learn about methods of data presentation | Chen |
| Day-3 | The picture has been collected while out taken during campaign | learn about methods of data presentation | Chen |
| Day-4 | pie charts and tabular form was prepared | learn about preparation of tabular form | Chen |
| Day-5 | Information obtained is updated in the data report | learn about information updated in the report | Chen |
| Day-6 | The reported data are verified once again | learn about to prepare and report data analysed | Chen |

WEEKLY REPORT

WEEK - 3 (From DL3:5:14 to DL3:5:20)

Objective of the Activity Done:

Detailed Report:

Water pollution is the cause of
an amplified action and consequently we
humans are only creating problems that are
Sequentially water is essential to our body

It causes lots sickness and
disease that our body affect our health let
us not destroy it or pollute it we need
and we should help save our water
water

The pollution happens when water
flowing down streams get contaminated at
different point water not only our thirst
but also play 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 was downloaded and printed | people in village are very much to drink | <i>Santhosh</i> |
| Day-2 | The data obtained and prepared literature was entered in the book | facilities should be created | <i>Santhosh</i> |
| Day-3 | The picture taking project was printed and bind in book | amura should be created in N.T.R colony | <i>Santhosh</i> |
| Day-4 | The picture taking project was printed and tried | people in N.T.R colony are very fit | <i>Santhosh</i> |
| Day-5 | The program book pages are arranged in order and verified | people are suffering with fever due to | <i>Santhosh</i> |
| Day-6 | The program book has given binding | people are attached to a book holder | <i>Santhosh</i> |

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Ground water: It is a source of water that is under the land surface.

Surface water: This type of source is found on the surface of the earth like ponds, rivers, etc.

Rain water: It is a major source of water from rain channels and channels are the ways used in public water system.

Safe and quality available drinking water is key to public health.

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 mineral water in surroundings | People in NTR colony purifying mineral water | Jagan |
| Day-2 | Some people are using the mineral water | Drinking mineral water is better than | Naga |
| Day-3 | Many people are affordable to drink the ground water | They are affordable to drink the ground water | Vasava |
| Day-4 | Some people are suffering with just fresh water | Drinking polluted water | Jayanthi |
| Day-5 | Many people are facing poor water facilities in NTR colony | Good facilities are should be created | Jayanthi |
| Day-6 | Many people are getting the water from outside due to water pollution | Answeres should be create be NTR colony | Jayanthi |

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Water pollution is the cause of our undisciplined action and irresponsibility. We know we only breathe problems that are frequently water is essential to our body.

It causes such sickness and disease that our body affects our heart as well. We must destroy it as pollution. We need water and we should help save our water nature.

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

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 bloom is that consumption of oxygen supply this means that those species which depend upon oxygen to survive are killed off while anaerobic are done. Some anaerobic microorganisms are capable of producing ammonia, sulphides and they are harmful to human too.

Surface water pollution

Referring to all water resource 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

- * NTR colony is rich in water resource but several benefits value most of the people in the area don't know their value
- * Due to this they are refusing to protect them
- * The people in this study are losing several valuable resources contaminated due to this improper conservation.
- * due to insufficient knowledge the people in this area are refusing the conserve the plants and treated as pure water resources.
- * In the area of NTR colony people do not 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 necessity to conserve those type of conserving the water sources

- x pick up litter and throw it away in garbage cans
- x blow or sweep fertilizers back onto the grass if its gets onto paved area don't put fertilizers on the grass right before it rains. the chemicals wash into storm drains and water ways
- x wash out vehicles of out door equipment where it can't how to grow or grow are of a street.
- x make or compost grass or food water

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

The whole idea was fixing the problem of water pollution. These people affected of these pollution side effects like pain and vomiting typical etc.

Some of the people facing calcium deficiency and iron deficiency problem, childrens and adults are also facing health issues for water pollution of drinking water.

The solution of this problem is one and only awareness about water importance and how to pollution avoid resources 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 means that one or more substances have built up in water to extent of causing problems to people animals and plants.

So whether or not water is considered to be polluted wise depend on what that water go to be used for.

Causes of water pollution:

There are numerous causes of water pollution the main ones are listed below.

Types of Pollution:

1) Point Source :-

- * It is directly to be to influence the pollutant enters directly from source to water.
- * point source are easy to regulate.
- * The main source of water pollutant are as follows.
- * Community waste water include discharge from houses, commercial and industrial establishments comes to public sewerage systems.

2. Industrial waste: The Industries discharge several inorganic or organic pollution which may have highly toxic to the living beings.

3. Agricultural sources:

* Fertilizers contain major plant nutrients such as nitrogen, phosphorus and potassium.

* Excess fertilizers so may run the ground water by leaching or may be mixed with surface water of rivers, lakes, ponds by runoff and drainage.

* Pesticides include, insecticides, fungicides, herbicides, nematocides, molluscicides and soil fungicides. They contain a wide range of chemical such as chlorinated hydrocarbons.

4. Underground water pollution :-

- * In India at many places the ground water is threatened with contamination due to leakage from industrial and municipal waste to and effluents from sewage channels and agricultural runoff.

5. Marine pollution :-

- * Oceans are the ultimate sink of all natural and manmade pollutants.
- * Rivers discharge their pollutants into the sea. The sewage and garbage of coastal cities are also dumped into the sea.

6. Garbage:

plastic are non-bio degradable, more plastic clog water bodies and contaminate water

7. urbanization:

urbanization is a key factor in increasing the amount of water pollution

8. pumping solid waste:

Humans often carelessly dump their trash in the canal near rivers

9. oil spills:

Accidental oil spills have devastating effect on seas

10. Dissolved solid waste:

Human polluting gases in the air can dissolve into foz and fresh water and pollute it

Control Measures :

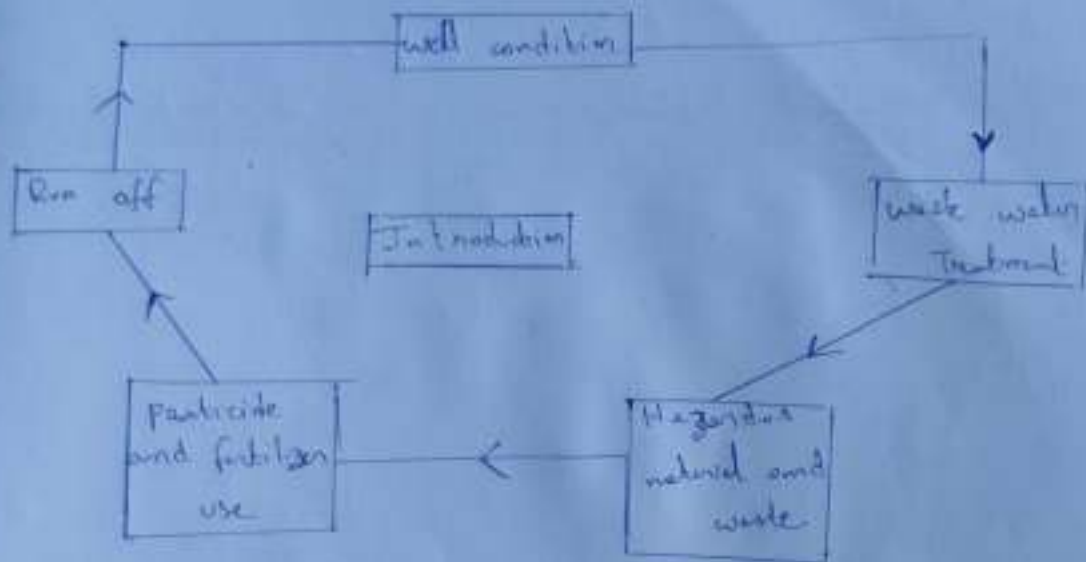
- * Riparian riparian
- * Recycle
- * Treatment of sewage water and the Industrial effluents should be done before releasing it water bodies
- * Hot water should be cooled before release from the power plants.
- * Domestic boring in tanks, streams and rivers which supply drinking water should be prohibited

Ground water pollution

- * Any addition of undesirable substance to ground water caused by human activities is considered to contamination is has often been assumed the contaminants left on or under the ground were store here.

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 systems and disposal of solid
- * municipal waste water, water borne water impurities land spreading of sludge have disposed from the petroleum industry
- * Nine most deep-cell herbicides and animal waste are agricultural source of ground



Student Self-Evaluation for the Community Service Project

Student Name: Dhanika Chanikya

Registration No: 71020805021

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 | 2 | 3 | 4 | 5 |
|--------------------------------------|---|---|---|---|---|
| 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: _____

D. Chanikya
Signature of the Student

Page No: _____

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

| |
|-------------------------------------|
| Student Name: <i>Damini Charkya</i> |
| Registration No: <i>72030805021</i> |
| Period of CSP: From: To: |
| 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:

Signature of the Supervisor

Page No:

PHOTOS & VIDEO LINKS



Page No:



PHOTOS & VIDEO LINKS



Page No:

EVALUATION

Page No:

Internal Evaluation for the Community Service Project

Objectives:

- To facilitate an understanding of the issues that confront the vulnerable / marginalized sections of society.
- To initiate team 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 Model:

- There shall only be internal evaluation.
- The Faculty ~~Unit~~ assigned is in-charge of the learning activities of the students and for the comprehensive and continuous ~~assessment~~ 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 SGPA and CGPA.
- The weightings shall be:

| | |
|--|----------|
| ○ Activity Log | 20 marks |
| ○ Community Service Project Implementation | 30 marks |
| ○ Mini Project Work | 25 marks |
| ○ 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 originality 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/habitation.
- 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)

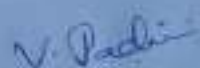
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INTERNAL ASSESSMENT STATEMENT

Name Of the Student: D. Chanikya
Programme of Study:
Year of Study: 2022-2023
Group: B.Sc (HPC)
Register No/H.T. No: 710 (30805021)
Name of the College: Mrs. A.V.N. College
University:

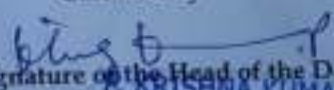
| Sl.No | Evaluation Criterion | Maximum Marks | Marks Awarded |
|-------|--|---------------|---------------|
| 1. | Activity Log | 20 | |
| 2. | Community Service Project Implementation | 30 | |
| 3. | Mini Project Work | 25 | |
| 4. | Oral Presentation | 25 | |
| | GRAND TOTAL | 100 | |

Date:


Signature of the Faculty Guide

Certified by

Date:
Seal:


Signature of the Head of the Department/Principal
R. KRISHNA KUMARI
HOD IN CHEMISTRY
DEPARTMENT OF CHEMISTRY
MRS. A.V.N. COLLEGE
VISAKHAPATNAM-530001

Page No:



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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Atmakur (V) Mangalagiri (M), Guntur, Andhra Pradesh, Pin - 522 503

www.apsche.ap.gov.in