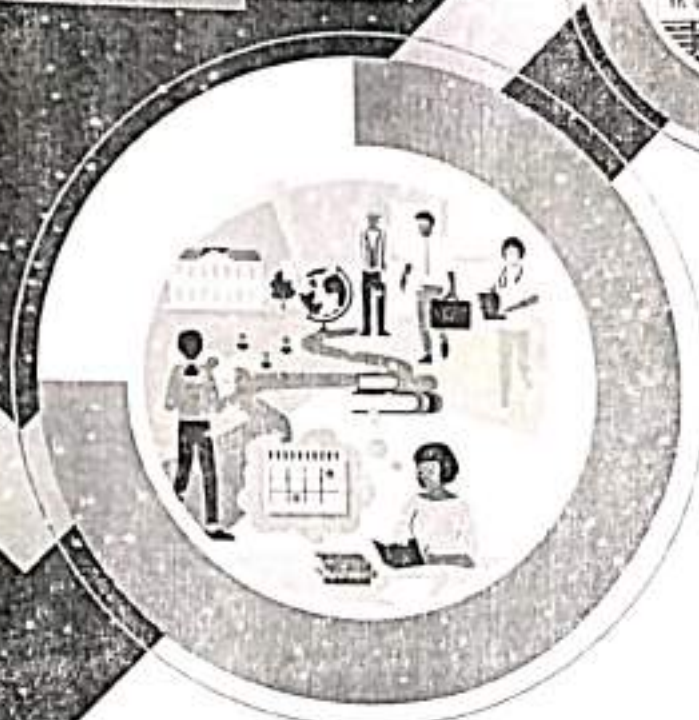


Model Program Book
**COMMUNITY
SERVICE
PROJECT**



Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

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Acknowledgements

It is really much of pleasure for me get an opportunity to thank all the persons who contributed directly or indirectly for the successful completion of the project regarding "Water Pollution" with special reference to near Junction Visakhapatnam.

I wish to express my gratitude

to all the members of my group for their cooperation and support in the completion of the project. I am thankful to my guide, Mr. Ch. Mahesh Kumar, in the Department of Environmental Science, Andhra University, Visakhapatnam for his support and encouragement throughout the term of the project. I would also like to extend

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.

located in Visakhapatnam

Anshya Prabhash,

Water pollution is the contamination of water sources by substances which make the water unsafe for drinking cooking cleaning and other activities. Pollution includes chemicals waste and other pollutants.

Water.

In my seminar I am discussed that many of the people are often with water diseases like diarrhoea typhoid etc. So called this situation we can take some objective the water pollution and control pollution in the area.

Objectives: Identify the ways in which how wastes water can cause water pollution.

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.

Location in Visakhapatnam. Andhra Pradesh from base.
are placed on mountain the people are to identify
with each other

The houses are placed within no place no
people there are slight fights for each line of the
people are using mineral water for drinking and
other uses

Some people are buying water can
for drinking people. The roads are very clean and
and clear some places are filled with dust and
wastage of lawrens which is mixed drinking
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.

The activities undertaken in the community during

The community service project

1. Survey on socio economic
2. House hold survey
3. Report writing
4. A waterless urinal
5. A waterless program
6. Submit the project
7. Report the project

Value Life skills AND technical skills

* Team work and problem solving skills

* The ability to communicate with others

* The collaborative nature of project also reinforces

the social and emotional learning process.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	few houses are using municipal water	drinking municipal water	V. K. K. K.
Day - 2	many hoses getting water for hose	facilities should be increased	G. S. S.
Day - 3	few houses getting water from outside but many people	A water supply should be provided	K. S. S.
Day - 4	many people are drinking mineral water due to lower water quality	Water quality should be improved	K. S. S.
Day - 5	Some municipal water having crepuscles in water	facilities should be improved	A. S. S.
Day - 6	many people are drinking bore water as tap water is too hot	Water supply should be increased	V. S. S.

WEEKLY REPORT

WEEK - 1 (From Dt. 21/08/22 to Dt. 27/08/22)

Objective of the Activity Done:

Detailed Report:

In

colony the water supply is too low. Some people are getting water with mixed water pollutants and soil in the water. The water is heated for drinking purpose.

people are suffering from joint pains, fever, colds, cough, and some have diarrhoea. Some people are not getting required amount of water for drinking and using

in their for drinking and using. LOCs and not most of the people are annoyed or depressed they are getting from drinking their type of water. With low quality kindly please and some people are sick in some. Kolla the an class @

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	few people are suffering from water shortage	waterers should be provided	P. Kumar
Day - 2	few people are suffering from joint pain and long time to recover	facilities should be increased	S. Reddy
Day - 3	in regards some people are getting	quality of water should be increased	M. U. S.
Day - 4	people are getting water with mixed particles	quality of water should be checked	L. Shan
Day - 5	some people are drinking hard water due to water supply	water supply should be increased	P. C. Siva
Day - 6	many people are not getting water from municipal	supply of water should be increased	B. N. S.

WEEKLY REPORT

WEEK - 2 (From Dt. 25/08/22 to Dt. 26/08/22)

Objective of the Activity Done:

Detailed Report:

Some people are getting water from outside due to mixing of drinking water with sewage water pollution. They are dependent on ground water due to low quality of water.

In rainy seasons people are drinking water more and don't practice people are suffering from fever, joint pain and some kidney problems.

Finally there is no proper water supply. Quality of water is so low people are not drinking. They are getting some water from hand pumps and they are depending on ground water for drinking.

10% percent of people are

drinking

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	many house hold are suffering from joint pain	quality should be increased.	v. kish
Day - 2	few people are drinking bore water and using for cooking	A bore should be located in people	s. Kani
Day - 3	In the night are getting water with mixed particles	have of the problem from the water	s. Kani
Day - 4	many people drinking water	quantity of mixed drinking water.	k. Jotha
Day - 5	many people are getting water from outside due to water	quality of water should be better	Prasanna
Day - 6	few people are drinking bore water and some sub forming low to	water supply should be inc.	s. Hama

WEEKLY REPORT

WEEK - 3 (From Dt. 29/2/22 to Dt. 9/03/22)

Objective of the Activity Done:

Detailed Report:

Agricultural medical and factory water is mixed with local drinking water because of little water etc.

that water quality is also very low

In simple words people are getting water with mixed bleeding powder dirt in high quantity due to this some people are getting long time recovery for cold, some problem, skinning problem etc.

In ~~proposed~~ are unethical or they are getting quantity of water in so low. the water supply is low and people with beraga family are not getting regular amount of water people are below ward high time 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 people are getting mineral water in Akkayyapalem colony	people in Akkayyapalem are getting mineral water to drink	S. Rami
Day - 2	few people are drinking municipal water in their areas	facilities should be created	V. Jaisankar
Day - 3	Some people are drinking under ground water and using it for drinking purposes	new ones should be created in Akkayyapalem	M. Raju
Day - 4	few people are often able to get filter water.	people are using filter	S. Raja
Day - 5	In Akkayyapalem village are drinking polluted water	Some people are suffering with diseases due to drinking of polluted water	V. Jaisankar
Day - 6	Some people are often able to get filter water.	people are to get able to drinking municipal water.	M. Rama

WEEKLY REPORT

WEEK - 4 (From Dt. 31/5/20... to Dt. 01/9/20...)

Objective of the Activity Done:

Detailed Report:

people are drinking municipal water some people are drink water and few people are drinking water polluting were used

They are not getting proper drinking water polluting were used when the drinker water

most of the sectors of the NDA colony and other residential areas in the study are have a high degree of vulnerability in the range of PRACTICE < 60 due to this people are getting some health diseases

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 peoples are getting mineral water in colony	people in colony using mineral water to drink.	M. Raju
Day - 2	few people are drinking bottled water in their area	facilities should be created.	V. Suresh
Day - 3	Some people are drinking ground water	A waterers should be created in colonies	P. Tulasi
Day - 4	few people are using filter to get better	people are in using filter	L. Suresh
Day - 5	therein are drinking bottled water	Some people are suffering	S. Suresh
Day - 6	Some people are getting filter water.	people are not favorable to purchase with	C. H. K. Sibi

WEEKLY REPORT
WEEK - 5 (From Dt. 01/09/22 to Dt. 02/09/22)

Objective of the Activity Done:

Detailed Report:

The are not using unacriped water are
They are getting water from at side
like bore water piped water and
same quality water

The quality of water is not
good some pollution are mixed with some
residues and NAO Junction has place
market are contain aquifers with high
elevation of hydrogeologic

most of the sector of
the study are either just desert are
in the study are have or high degree
100% DRUSTIC < so due to this
people are getting unhealth disease.

CHAPTER 5: 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 [or] town?
3. Gender and age of the person?
4. Type of family (Nuclear (joint extended))
5. Type what is your POCN number
6. Which sources of drinking water are available in your household.
7. Which sources of does your house hold use?
8. In these frequency sufficient for your needs?
9. Any water born diseases in your house
10. In any of your family member suffering from joint pain
11. Name of the medicine frequently used in the family
12. Quater and drinking water source

Describe the problems you have identified in the community

Contaminated water and poor sanitation are linked to transmission of diseases such as cholera, diarrhea, dysentery, hepatitis A, typhoid, and absent inadequate individuals to preventable health risks. This is both patients and staff are placed at additional risk of infection and diseases when water lacking globally is of poor quality used on in Indian hospital stay with the population much greater in low in countries.

Inadequate management of water, industrial, and agricultural waste means that may be found in a drinking water as a result of leaking from water supply containers 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 water treatment

=> strict waste reduction

=> water conservation

=> Install a water efficient faucet in your home

=> specific taxes

=> Avoid using the toilet as a waste basket

=> strict water management

=> Green agriculture

Solutions :-

* Before raw sewage can be safely released back into the environment it needs to be treated correctly in a water treatment plant in a water treatment plant sewage goes through and amount and toxicity of the water.

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

Awareness about water
 public water conservation comprises public awareness
 in all levels of societies about the importance of
 saving water to cope the with scarcity and
 ensure sustainability the aim is to change water use
 subtle ways Program.

S.Ns	Name of Program	mode	Date.
1.	Aware Program on water conservation	Program PAPER phone in Program	29-5-2019
2.	Community based water resource management	Kishidohav Lehadantahav Phone in program	26-6-2020
3.	on occasion water day Talada mulge	Kishidohav Chavle Valin) Phari in Proga	22-3-2021

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 [or aquatic pollution] is

the contamination of water bodies usually as a result of human activities so that it negatively affects its use water bodies include lakes rivers oceans aquifers reservoirs and ground water pollution result when contaminants are introduced into these water bodies water pollution can be attributed to one of four sources sewage discharge industrial and agricultural and urban runoff includes stormwater fresh water pollution of marine population) or ground water pollution for pollution of marine pollution water for drinking bathing washing in the impugnation water pollution.

reduces the ability of the body of water to provide to ecosystem (such as drinking water) that is could be otherwise provide

Sources of water pollution are either point sources (or) non point sources have and identifiable source such as waste water treatment such as agricultural runoff pollution of result countable sufficient pollution is the every time pollution may take the toxic & substance (eg. oil, metals, plastic, pesticides, persistent organic pollution industrial water produce) turbid condition (eg change of pH, hypoxia, or anoxia increased temperature, excess turbidity, eutrophication, and change of salinity) or pathogenic organisms contaminants may include organic and inorganic substances that can also be pollutants and this is called thermal pollution the power plant and industrial effluent.

control of water pollution needs appropriate infrastructure and management plan as well as legislative regulatory

contaminants with an origin in SEWAGE

The following components can all reach water bodies via raw sewage or even treated sewage discharges

- * Various chemical compounds can all reach the hygiene and cosmetics products
- * Disinfection by products found in personal hygiene and cosmetics products except when these are the chemicals.
- * They are volatile and these water.
- * Hormones and synthetic materials such as the phthalates that mimic hormones in their action.

If the water pollution stems from sewage the main pollution are suspended solids, bio degradable organic matter, nutrients and the pathogenic organisms.

ORGANIC COMPOUNDS :=

organic substances that enter water bodies are often these:

- * petroleum hydrocarbons including fuels, fugitive discharges, oil spills and fuel spills in storm water run-off.

* Various chemical compounds can all reach the hygienic and aseptic products.

* Disinfection by products useful. What these are the chemical they are volatile and these water.

* Harmful and synthetic materials such as the phthalate that mimic hormones in their action.

In the water pollution, many from source the main pollution. are suspended solids, biodegradable organic matter, nutrients and the pathogenic organisms.

ORGANIC COMPOUNDS :=

Organic substances that enter water bodies are after few.

Petroleum hydrocarbons, including fuels like solar diesel, fire jet fuels and oil and (water 0:1) and fuel combustion by product from oil spill, storm water runoff.

MARINE POLLUTION :-

Marine pollution occurs when substances used or spent by humans such as industrial and residential waste particularly those excess carbon dioxide or in various organic enter the ocean effects.

NUTRIENT POLLUTION :-

Nutrient pollution a form of water pollution refers to contamination by excess in rate of nutrients

THERMAL POLLUTION :-

Thermal pollution sometimes called thermal smog is the degradation of water quality by any process that ambient water temperature. Thermal pollution is the cause of fall in the human in the water.

BIOLOGICAL POLLUTION :-

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

IMPACTS

ECOSYSTEM

Water pollution is a major global environmental problem it can result in the degradation.

These are also referred to as water discat.

OCEAN ACIDIFICATION:-

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

Ground water pollution:-

Ground water pollution occurs when water pollutants are released to the ground and make their way into ground water. This type of water pollution can also occur naturally due to the presence of a mineral and unwater in contact with. It is likely to be a contamination rather than pollution.

These polluted water can be tested in many ways. The following diagram represents the water pollution test.

CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT

RECOMMENDATIONS :-

- * Small water enter place [satir] : Employ k; soslg to complement piped water supply.
- * Piped water supply pdpt 2417 water supply. initiatives and build local capacity.
- * Digital Tools: Improve E government for vizag leveraging digital. techs.

CONCLUSIONS :-

Only a few of which are discussed here rivers and streams demonstrate same capacity to recover from the effects of certain pollution, but lake bays Deltas effects of water pollution.

- * There is need for research and development is potential water use saving facilities and appropriate technology.

Student Self-Evaluation for the Community Service Project

Student Name: *S. Anil*

Registration No: *710/30805205*

Period of CSP: From: To: *23/8/22 to 2/09/22*

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:

S. Anil
Signature of the Student

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

Student Name: S Anil
Registration No: 710130805205
Period of CSP: From: To: 23/08/22 to 02/9/22
Date of Evaluation:
Name of the Person in-charge:
Address with mobile number:

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

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

Rating Scale: 1 is lowest and 5 is highest rank

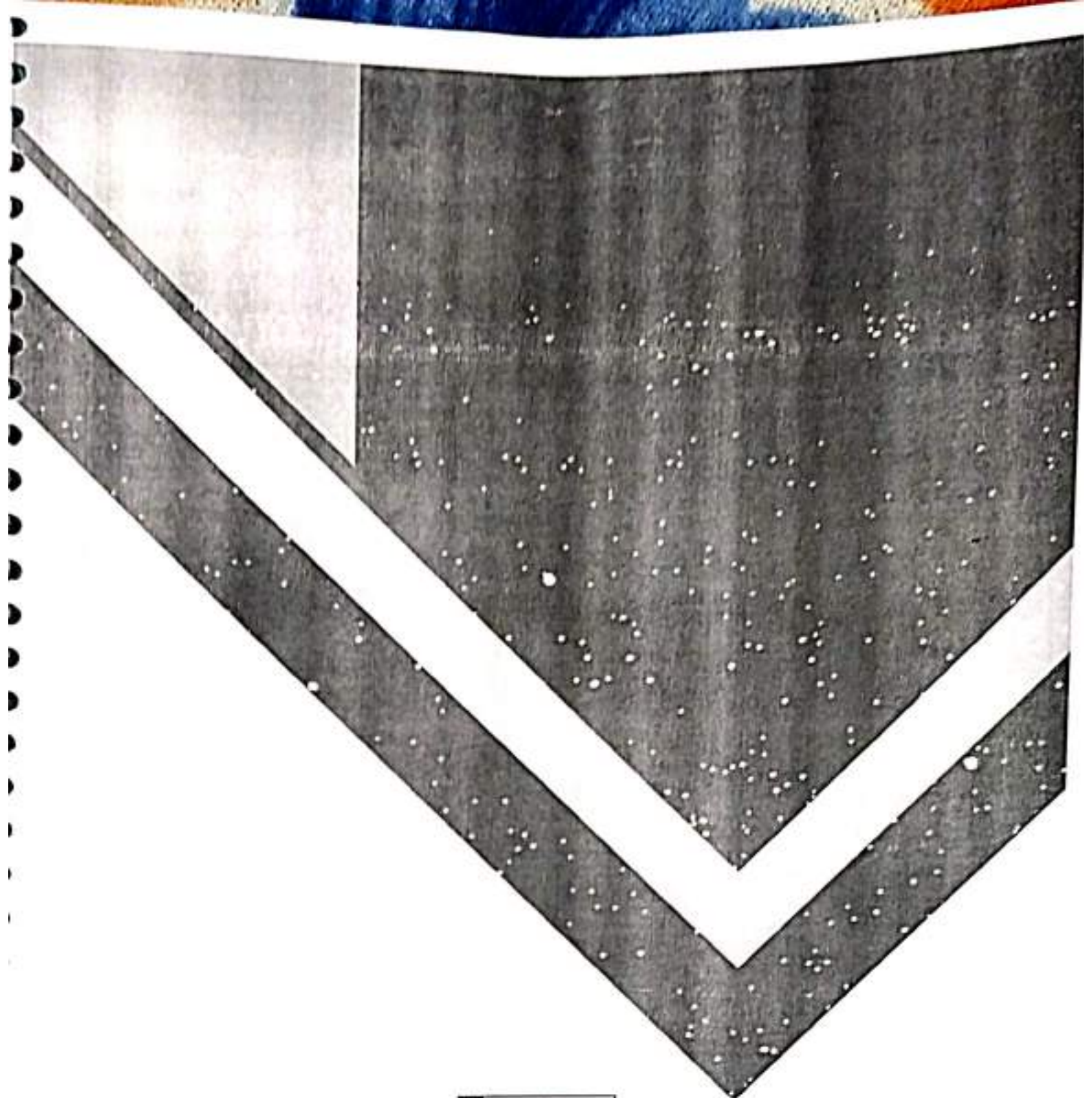
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11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Supervisor







**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

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