

# **Project Report**

## **on**

# **Community Internship**





**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**

**UGC - AUTONOMOUS**

**(NAAC A+ and NBA Accredited)**



(Accredited by NBA & NAAC A+)  
GUDUR, TIRUPATHI (DT), A.P, INDIA  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**WATER POLLUTION IN INUKURTHI, NELLORE (DT)**

**A Project work Report submitted to the Jawaharlal Nehru Technological  
University in a Partial fulfillment for the award of the degree.**

**BACHELOR OF TECHNOLOGY  
IN  
COMPUTER SCIENCE & ENGINEERING**

**Submitted by**

**DEVARAYAPALLI MANJULA SUVARNA 21G21A0541**

**Under the esteemed supervision of**

**V.CHANDRASEKHAR, M. Tech  
(Associate Professor/MCA)**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)**

**(Accredited by NBA & NAAC A+)**

Approved by AICTE, Affiliated to JNTUA Anantapuram,  
Tirupathi (DT), Andhra Pradesh.

**(2021-2023)**

**(Accredited by NBA & NAAC A+)**

Approved by AICTE, Affiliated to JNTUA Anantapuramu,  
NH-5 Bypass Road, Gudur-524101, Tirupathi (DT), Andhra Pradesh.

**Department of Computer Science and Engineering**



**CERTIFICATE**

This is to certify that the Community Internship Project entitled **“WATER POLLUTION”** is the bonafide work done by **DEVARAYAPALLI MANJULA SUVARNA (21G21A0541)** in a partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING**, from the Jawaharlal Nehru Technological University Anantapuramu, during the year of 2021-2025

Supervisor  
Mr. **V. CHANDRASEKHAR**  
Department of CSE,  
ASCET, GUDUR.

Head of the Department  
Mr. I. **RAVI SHIREESH MTech.**  
Assoc. Prof  
Department of CSE,  
ASCET, GUDUR.

Dean Academics  
Prof. Dr. M. **RAJAIAH, Ph.D.,**  
ASCET, GUDUR

Submitted for the viva-voce examination held on:

Internal Examiner

External Examiner

**(Accredited by NBA & NAAC A+)**

Approved by AICTE, Affiliated to JNTUA Anantapuramu,  
NH-5 Bypass Road, Gudur – 524101, Tirupathi (DT), Andhra Pradesh.

**Department of Computer Science and Engineering**



**DECLARATION**

I **DEVARAYAPALLI MANJULA SUVARNA (21G21A0541)** hereby declare that the Community Project report entitled-**“WATER POLLUTION”** done under the esteemed guidance of **V.CHANDRASEKHAR**, M. Tech, Associate Professor Department of Computer Science & Engineering and is submitted in the partial fulfillment of the requirements for the award of the Bachelor Degree in **Computer Science and Engineering**. I have not copied from any other student work or from any other sources except where due reference or acknowledgement is made explicitly, not has any part been authored person. I, as a candidate, declare that in the case of any violation of intellectual property right or copyright will be fully responsible for the same. My supervisor should not be held responsible for full or partial violation of copyright or intellectual property right.

Date:

Place:

**PROJECT ASSOCIATE**  
**D. MANJULA SUVARNA**

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**COMMUNITY INTERNSHIP REPORT**

Name of the Student: Devarayapalli Manjula Suvarna

Name of the College: Audisankara College of Engineering Technology

Registration Number: 21G21A0541

Period of CSI: 2weeks

From: 25-08-2023

To:07-09-2023

Name & Address of the Community/Habitation: Inukurthi village

**Community Internship Report**

Submitted in accordance with the requirement for the degree of.....

Name of the College: Audisankara College of Engineering and Technology

Department: Computer Science and Engineering

Name of the Faculty Guide: Mr. V. Chandrasekhar

Duration of the CSI: 25-08-2023 to 07-09-2023

Name of the Student: Devarayapalli Manjula Suvarna

Programme of study: B. Tech

Year of Study: 3<sup>rd</sup> year

Register Number: 21G21A0541

Date of Submission:

**STUDENT'S DECLARATION**

I, Deverayapalli Manjula Suvarna a student of Community service internship Program, Reg. No. 21G21A0541 of the Department of Computer science and engineering College do hereby declare that I have completed the mandatory community service from 25-08-2023 to 07-09-2023 in Inukurthi Village. (Name of the Community/Habitation) under the Faculty Guideship of Mr. V. Chandrasekar, (Name of the Faculty Guide), Department of Computer science and engineering in Audisankara College of Engineering and Technology College

(Signature and Date)

Endorsements

Faculty Guide: Mr. V. Chandrasekhar

Head of the Department: Mr. I. Ravishireesh

Dean of Academics: Dr.M.Rajaiah



**CERTIFICATE FROM OFFICIAL OF THE COMMUNITY**

This is to certify that Devarayapalli Manjula Suvarna (Name of the Community Service Volunteer) Reg. No 21G21A0541 of Audisankara College of Engineering and Technology.

Name of the College) underwent community service in Inukurthi (Name of the Community) from 25-08-2023 to 07-09-2023 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

First and foremost, I would like to express my heartfelt gratitude to our honorable chairman **Dr.VANKIPENCHALAI AH,M.A.,M.L.,Ph.D.**,who provided all facilities and necessary encouragement during the course of study. I would like to thank **AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY** for providing the extraordinary support in the completion of the project by utilizing the laboratories, library and Software's required for our project. I extend my gratitude and sincere thanks to our beloved Director Prof. **Dr. A. MOHANBABU**, Dean Academics Prof. **Dr. M. RAJAIAH, Ph.D.**, and Principal Prof. **Dr. K. DHANUNJAYA, Ph.D.**, for motivating and providing necessary infrastructure and permitting me to completion of the project. I would like to express the sense of gratitude towards our Head of the Department Prof. **Mr. I. RAVI SHIREESH, M.Tech**, and our external guide **Mr. V. CHANDRASEKHAR** for their valuable inputs, guidance, encouragement, whole-hearted cooperation and constructive criticism throughout the duration of our project. Last, but not the least, I would like to thank **my team members, my friends and my parents** for supporting me in all the aspects for the completion of this project.

Project Associate:  
Devarayapalli Manjula Suvarna

## **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 CSI and five or more learning objectives and outcomes.

In present days, Air and Water pollution both are very harmful to human existence on this planet. Air and water are the most precious natural resources which are present in abundance but we misuse and abuse them. The pollution in any of these has a serious effect on the lives of humans and animals alike. So, the best ways to prevent air and water from pollution are to avoid plastic, Don't throw papers, plastic etc at road sides and into the rivers, ponds. And not dump factory wastage into rivers, ponds. Finally, the theme of this project is to reduce air and water pollution by creating awareness in our surroundings.

## CHAPTER2: OVER VIEW 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 condition so the Community/Habitation.

Inukurthi is a village which is away from Podalakuru as the name indicates most of the people residing in this village are helpless. The main occupation of people here is cultivation. Crops like paddy, coconut, banana are cultivated extensively. apart from cultivation palm wine and pisciculture is also practice by few villagers. Villages are backbone of india and literacy rate of villagers should be increased in order to see a developed nation. There is one powerful sarpanch in the is village.

Climate and soil:

The climate of Inukurthi is hot and humid in summer and cold in rainy and winter seasons. Summer temperatures range from 25 °C (77 °F) to 45 °C (113 °F). Soils are black cotton and sandy loams.

Economy:

Most of the people rely on farming, cattle and sheep rearing, agriculture, building & daily labor, street vendors and priests. Since rice and other crops grow abundantly, there are many rice and dal mills in the Podalakuru mandal. Also many marine export companies are present, as there are many fish and prawn ponds in the Marine census total population of this village is 20000 out of which 11000 being male and 9000female. while sex ratio between 0-6 years age is 50 (females per male). Literacy rate is 65.4%. (Male-71.1% and Female59.7%).

Traditions:

A tradition is a belief or behavior passed down within a group or society with symbolic meaning or special significance with origins in the past.

Ethics and Values:

Ethical decision-making is based on core character values like trustworthiness, respect, responsibility, fairness, caring, and good citizenship. Ethical decisions generate ethical behaviors and provide a foundation for good business practices.

#### Socio Economic Conditions:

Aquaculture over recent years has not only led to substantial socio-economic benefits such as increased nutritional levels, income, employment and foreign exchange, but has also brought vast un-utilized and under- utilized land and water resources under culture. Over the years this sector has witnessed impressive growth where culture practices have undergone considerable intensification. The Present study was carried out from 289 shrimp farmers in 32 revenue villages in 9 mandals of Nellore district. The study is aimed at analyzing the factors affecting the socio-economic status of shrimp farmers in Nellore District. The results revealed that, the Shrimp culture in these areas ignited a socio-economic change in the local economy and reflecting the same at the state level. However, the shrimp culture is facing many problems and constraints for like diseases out breaks, quality seed etc., sustainability products are mainly exported Chennai and thereby to other international destinations.

#### Population:

As per 2011

### CHAPTER3: COMMUNITY SERVICE PART

Description of the Activities under taken 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.

While doing the community service project I had undergone few activities like:

In first week we undergone few activities like:

- we Understand the community service internship project guidelines and requirements that are needed to implement the activity.
- Selecting the villages for implementing the awareness program about the afforestation. Here I had selected two villages they are: Inukurthi
- We started visiting the villages and communicated with the people about the awareness of Plantation.
- We started informing the people about the importance of plantation.
- These are some important points I mentioned to villagers is :
- It provides habitat for wildlife.
- It helps to resolve the problems of climate changes.
- IArranged awareness program about water &air pollution in the areas to improve their standard of living.
- Explained about the effects of water pollution to the homemakers.
- Conducted survey to know about air &water pollution.
- Explained about health issues of water pollution to the villagers.
- Major effects of water &air pollution.
- Further shows that most of them are aware of organic farming to the farmers and villagers.
- Suggested to clean their surroundings well.

**ACTIVITY LOG FOR THE FIRST WEEK**

Day &Date	Brief Description of the Activity	Learning Outcome	Person In-charge Signature
Day-1	Understanding the objectives of community service internship and project guidelines & requirements needed to implement the program in habitation.	Knowing the project guidelines and requirements	
Day-2	Visited the villages and observed the problems and we asked few villagers .	Selected the village and identified the problems	
Day-3	Visited the Inukurthi habitation to identify the problems which are caused by Air & Water pollution.	From this activity I learnt how people and animals are effected from Air & Water pollution.	
Day-4	In this day , I observe more wastage at “river sides” which causes water pollution and effects the people and collected information	Diseases caused by water pollution and effects the people with Diarrhea , Skin diseases , Malnutrition etc..	
Day-5	Today I learned, how the aquatic animals effected by water pollution and I also observed the Garbage at road sides which effects the animals more...	The animals could be infected by diseases from the Sewage or be harmed by trash	
Day-6	In this day ,I learned one valuable thing i.e. Wastage is not the best fit for domestic animals	the animals may suffer from 1. Overheating 2. Suffocation 3. Dehydration	

## WEEKLY REPORT

Week-1(From Dt 25-08-2023 to Dt 31-08-2023 )

<p>Objective of the Activity Done:</p> <p>Gathering and knowing the information from villagers.</p>
<p>Detailed Report:</p> <p>First day I visit Inukurthi village and identified problems on Air &amp; Water pollution.</p> <p>PROBLEMS IDENTIFIED:</p> <ul style="list-style-type: none"> <li>• Garbage at road sides.</li> <li>• Throwing plastic, papers etc., at rivers.</li> <li>• Heavy usage of pesticides.</li> <li>• Factories wastage dumped into rivers, ponds etc.,</li> <li>• Factories releases harmful gases in air.</li> <li>• Vehicles are driving more causes air pollution.</li> </ul>
<ul style="list-style-type: none"> <li>• On second day, we observe more wastage at river sides which causes water Pollution and effects the people.</li> <li>• depleted oxygen causing aquatic organisms to die.</li> <li>• Wastages like covers, water bottles, plastics, papers</li> </ul>
<p>After that, I learnt about how the pollutant water affects peoples and children in our areas. More than 50 kinds of diseases are caused by poor drinking water quality, and 80% of diseases and 50% of child deaths are related to poor drinking water quality in the world.</p> <p>Diseases caused by water pollution:</p> <ul style="list-style-type: none"> <li>* Diarrhea</li> <li>* Skin diseases</li> <li>* Malnutrition</li> </ul>
<p>Next, I learned about how the aquatic animals effected by water pollution.. When polluting chemicals, like sewage, are dumped into the oceans, animals that depend on the ocean to survive, such as crabs and fish, die off. This is because the animals could be infected by diseases from the Sewage or be harmed by trash that is thrown in the ocean.</p>





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**ACTIVITY LOG FOR THE SECOND WEEK**

Day	Brief Description of the Daily Activity	Learning Outcome	Person In-charge Signature
Day-1	beside villages of inukurthi village to check the water & air pollution points.	I observed and suggested to villagers don't put the heavy wastage in water.	
Day-2	Checking the ponds and rivers for cause of water pollution by heavy of Garbage and plastic, etc.	After I checking I observed the full of plastic and garbage in the rivers and ponds..	
Day-3	Checking village vehicles, stoves and Factories to know about air pollution	I observed the villagers using the sticks stoves that are more effects.	
Day-4	Checking some small lakes, ponds for water pollution by washing the clothes and bathing the animals in the ponds.	After I check the small rivers and pond more of damage with the detergents.	
Day-5	Checking some factories which are caused by air pollution.	That factories are heavily releases the smoke which effects by the people.	
Day-6	Last day I check the whole village for the water and air pollution.	I observed this village is more polluted by the water & air pollution.	

## WEEKLY REPORT

WEEK-2(From Dt 01-09-2023 to Dt 07-09-2023 )

Objective of the Activity Done: Giving suggestions to reduce water and air pollution.  
Giving awareness to people who lives in that village.

### Detailed Report:

In second week first day, I Am visiting beside villages of Inukurthi village to check the water & air pollution points around of villages. After checking the source of point I observed and suggested to villagers don't put the heavy wastage in water.

Sewage and waste water contain bacteria, fungi, parasites, and viruses that can cause intestinal, lung,

And other infections.

Bacteria may cause.

- diarrhea,
- fever,
- headache,
- weakness, or loss of appetite.

Next day, Checking the ponds and rivers for cause of water pollution by heavy of Garbage and plastic, etc. After I checking I observed the full of plastic and garbage in the rivers and ponds. because people are thrown the plastic papers on rivers and harms physical habitats, interfaces with human uses of river, marine. and coastal environment After that, I Am checking village vehicles, stoves and Factories to know about air pollution. I observed the villagers using the sticks stoves that are more effects of humans and leads to lungs problems. Natural gas and propane stove can release carbon monoxide, formaldehyde and other harmful pollutants into the air.so I suggest to people only use wood stoves. It is friendly way to heat your home.

Next day, I Am checking some small lakes, ponds for water pollution by washing the clothes and bathing the animals in the ponds. After I check the small rivers and pond more of damage with the detergents.

## CHAPTER5: OUTCOMES DESCRIPTION

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

Socio-economic survey tools are designed to collect information as a means of improving understanding of local resource management systems, resource use and the relative

In Inukurthi village I prepared water pollution questions:

- Where does water pollution comes from?
- How do you know that air pollution causes problem?
- Where does the home water go?

Air pollution questionnaires:

- Where does air pollution comes from?
- What are the natural causes of air pollution?
- How does air pollution effect human health?

Based on my village survey, I pick a major problem Air & Water pollution.

In that, I identified some problems that are:

- Garbage at roadsides.
- Throwing plastic, papers etc., at rivers.
- Heavy usage of pesticides.
- Factories wastage dumped into rivers, ponds etc.,
- Factories releases harmful gases in air.
- Vehicles are driving more causes air pollution.

**Describe the problems you have identified in the community.**

Garbage at road sides: Carelessly throwing garbage along the sides of the road, on the streets, in water bodies, can lead to toxic materials or chemicals to be washed into rivers, oceans, lakes, creeks, forests, etc.

Throwing plastic, papers etc. at rivers: When the garbage (like plastic, papers) is dumped into the rivers or water bodies, they cannot be degraded and get accumulated in the bodies. The degradation of these materials results in the release of toxic compounds which kill the plants and aquatic animals. The water becomes polluted and is not unfit for drinking.

Heavy usage of pesticides: The problem caused by the use of pesticides is that their residues persist in water and other components of the environment as they are not easily degraded in the environment. Pesticides are sprayed over the crop field to protect the crop.

Factories wastage dumped into rivers, ponds : Factory wastes contain acids which if untreated and discharged into water bodies will cause harm to fish and other aquatic organisms living in water bodies. Therefore, they should first be treated with basic substances to neutralise them and then discharged into water bodies.

Factories releases harmful gases in air: In factories, toxic materials and gases, like carbon dioxide and methane, are burned and pumped out into the atmosphere. Carbon dioxide and methane absorb radiation from the sun and, therefore, affect the temperature of the planet directly.

Vehicles are driving more causes air pollution: The fuel on which a vehicle runs gets burned inside the engine which in turn emits various harmful gases. The gases that vehicle emits are carbon monoxide, Nitrogen dioxide, Sulphur Oxide. All these gases are harmful to the environment. Furthermore, it hampers the health of a person to a dangerous extent.

**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.**

My short term and long term action plan for possible solutions:

- Using public transports
- Turn off lights when not in use
- No to plastic bags
- Garbage's at rivers, roadsides..
- Industrial waste
- Pesticides and fertilizers
- Reduce or eliminate fireplace and wood use.
- Avoid using gas-powered lawn and garden equipment.
- Drive less, particularly on days with unhealthy air.

Implementation:

Using public transport is a sure short way of contributing to less air pollution as it provides with less gas and energy, even carpools contribute to it. In addition to less release of fuels and gas, using a public transport can also help in saving money.

The energy that the lights take also contribute to air pollution, thus less consumption of electricity can save energy. Use energy saving fluorescent lights to help the environment.

The use of plastic products could be very harmful to the environment as they take a very long time to decompose, due to their material made up of oil. The use of paper bags instead is a better alternative as they decompose easily and are recyclable.

Now a days increasing the plastic usage rapidly ,people throwing those wastages at road sides ,rivers.. so , everyone should avoid using of plastic bags and promote paper bags. providing recycling bins to every street and public places .

Industrial wastage causes both air and water pollution. Measure the waste ,so that you can minimize the wastage for the next time and also there are some useful materials or substances in the wastage ,by extracting them you can recycle for the next production ,like these we can reduce some pollutants.

Agricultural practices like crop rotation and the use of resistant crop varieties can reduce the need for pesticides .IPM(integrated pest management),a philosophical approach to.

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

I went to public areas in our locality to create awareness program about Air & Water pollution. From that program, I learnt some problems and solution by technological or natural.

**Landfill Waste :**

Landfill site means tip , dump , rubbish dump or dumping ground. REDUCE REUSE AND RECYCLE are the common methods landfill waste. Buy things in bulk with less packaging . Reduce food waste , Purchase items made from recycled products are also the solutions...

**Usage of Pesticides :**

Here have some solutions for pesticides reduction like Agronomic practices, Bio-control and Natural pesticides , Organic agriculture etc...

**Wastewater Treatment :**

Wastewater treatment means process used to remove contaminants from wastewater by Aerobic biological treatment , Nutrient removal , Wastewater reuse , Dissolved air flotation (DAF) Sludge treatment etc...

**Factory Wastage :**

Factory wastage management includes segregation, land application, landfill, and recycling of waste, Reduce packaging materials etc...

**Air Pollution Prevention:**

Preventing the air pollution by reducing the number of trips you take in car, Reducing or Eliminating fireplace and wood stove use, Avoid using gas-powdered lawn and garden equipment, use environmentally safe paints and cleaning products whenever possible etc..

**Plastic Waste Reduction:**

Say no to disposal plastic cutlery, plastic straws and other single-use plastics. Avoid plastic that cannot be recycled if other alternatives exists. Avoid products with excess or necessary plastic packaging . Adopt reusable items such as water bottles, shopping bags, keep cups and travel cutlery.

**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 with respect to 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 6pages.**

Air pollution is the contamination of air due to the presence of substances in the atmosphere that are harmful to the health of humans and other living beings, or cause damage to the climate or to materials. Water pollution is a problem of serious environmental issue in India as its 70 percent surface and groundwater resources contaminated by various pollutants such as biological, toxic, organic, and inorganic. Among all the largest source of water pollution in India is untreated sewage .So ,my aim is going to reduce the air and water pollution.

After that, the theme of our project is to identify and solve the problems in our local areas.

Problems Identified:

- Garbage at road sides.
- Throwing plastic, papers etc.. at rivers.
- Heavy usage of pesticides.
- Factories wastage dumped into ponds, rivers etc...
- Factories releases harmful gases in air..
- Vehicles are driving more causes Air pollution.

In this problems, we choose some major problems to solve.

Problem description:

#### 1.GARBAGE CAUSES WATER POLLUTION:

Aquatic trash affects water quality, endangers plants and animals, and pollutes the outdoor spaces that we depend on for tourism and recreation.

Garbage, including everyday items such as cigarette butts, plastic bags, bottles, cans and discarded fishing gear, are common causes of marine pollution.

Solution of our problem:

The need to use waste bins by never throwing rubbish into riversides, beaches or water



bodies.

Avoiding throwing of oils, paints, chemicals and medicines in sink drain or toilet can as well contribute to reducing the dangers of water pollution. Pick up litter and throw it away in a garbage can. Blow or sweep fertilizer back onto the grass if it gets onto paved areas. Don't put fertilizer on the grass right before it rains. The chemicals will wash into storm drains and waterways. Mulch or compost grass or yard waste. Or, leave it in your yard if you can't compost. Once the liquid becomes solid - sweep it up and throw it in a garbage can.

## 2. PESTICIDES CAUSES AIR POLLUTION:

Pesticides emit pollutants such as hazardous air pollutants (HAPs) and volatile organic compounds (VOC). These pollutants can contribute to health problems that may affect residents, the neighborhood, and the community. Exposure to pesticides may cause the following: Irritation to the eyes, nose, and throat.

Solution of our problem:

Some of the measures to minimize pesticide pollution are discussed below. agricultural crops . It include cover crops, bird netting , plant breeding, genetic modification etc. Crop rotation prevents the carryover of pest, pathogens and weed population. Here are listed 7 strategies available for pesticide reduction.

- Agronomic practices.
- Resistant crops.
- Bio-control and Natural Pesticides.
- Integrated Pest Management (IPM).
- Agroecology.
- Organic Agriculture.
- Use of less hazardous pesticides.
- Using of pesticides affects human health.....

Examples of known chronic effects are cancers, birth defects, reproductive harm, immunotoxicity, neurological and developmental toxicity, and disruption of the endocrine system.

## 3. FACTORIES CAUSES AIR POLLUTION:

I identified a factory that releasing a toxic smoke into the air while casting the grey iron it causing air pollution.

Factories contaminate the air by blowing chemical vapors and smoke out through vents and smokestacks, and by burning waste in open dumps or incinerators. Exhaust from generators,

diesel trucks, and buses also fill the air with dangerous gases.

Factories negatively impact the environment through air pollutant emissions, toxic waste disposal and water contamination.

Solution of our problem:

Factories that switch from coal to natural gas fuel can dramatically reduce emissions of mercury, particulates, greenhouse gasses, and other contaminants such as sulphur. The second major option is pollution control.

- Building Factories in the Right Place.
- Powering Factories with Renewable Energy.
- Analyzing Factory Waste.
- Proper Treatment of Factory Waste.
- Factories Must Run Environmental Impact Assessments.
- Laws and Enforcement Can Waste Help Prevent Factory Waste.

### IMPLEMENTATION:

We went to some schools and colleges to give awareness among them about air pollution and water pollution. And we give awareness in public areas also...

- Did not throw the garbage to rivers and ponds.
- Dispose toxic chemicals properly.
- Dispose medical waste properly.
- Many household chemicals can be recycled.
- Do not pour oil, greeze , fat into factories.
- Using public transports. And not use vehicles for short distance.
- Recycle and Reuse.
- Avoid plastic bags.
- Planning more trees .
- Don't burn garbage.
- Use fertilizers efficiently.
- Not use more detergents while washing clothes.

In this way, I have explained to children what problems we will face when water and air polluted.

These are the solutions we suggest to solve a problem air and water pollution.

## **Chapter6: Recommendations and Conclusions of the Mini Project**

### **AIR POLLUTION:**

#### **RECOMMENDATIONS:**

- Conserve energy - at home, at work, everywhere.
- Look for the ENERGY STAR label when buying home or office equipment.
- Carpool, use public transportation, bike, or walk whenever possible.
- Follow gasoline refueling instructions for efficient vapor recovery, being careful not to spill fuel and always tightening your gas cap securely.
- Consider purchasing portable gasoline containers labeled “spill-proof,” where available.
- Keep car, and other engines properly tuned.

#### **CONCLUSION:**

Air pollution is considered a problem because it not only affects the environment but also damages crops, forests, animals, and the human body. The causes of air pollution contribute to the problem of acid rain and the depletion of the ozone layer.

From this , I have learnt about the various reasons why air pollution is caused. In order to curb air pollution, we need to take actions against the causes which are mentioned above..

### **WATER POLLUTION:**

#### **RECOMMENDATIONS:**

- Don't throw paints, oils or other forms of litter down the drain. Use environmentally household products, household cleaning agents and toiletries.
- Take great care not to overuse pesticides and fertilizers. This will prevent runoffs of the material into nearby water sources.
- By having more plants in your garden you are preventing fertilizer, pesticides and contaminated water from running off into nearby water sources.
- Don't throw litter into rivers, lakes or oceans. make sure it is safe to collect the litter and put it in a nearby dustbin.

#### **CONCLUSION:**

From this , I have learnt about the various reasons why water pollution is caused. In order to curb water pollution, we need to take actions against the causes which are mentioned above. For example, we can reduce our plastic consumption ,Properly dispose of chemical.

### Student Self-Evaluation for the Community Internship Report

Student Name: D. Manjula suvarna

Registration No:21G21A0541PeriodofCSI:From:25-08-2023 07-09-2023

Date of Evaluation: T  
o  
:

Name of the Person in-charge: MR.V.CHANDRASEKHAR

Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

1) Oral communication	1	2	3	4	5
2) Written communication	1	2	3	4	5
3) 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 Student

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

Student	
Name:	
Registration	T
Date of Evaluation:	o
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



## Photos and Video Links





