

RANGGANG GIRL'S COLLEGE  
ENVIRONMENT  
STUDIES  
PROJECT  
ENGLISH PROGRAM  
SEMESTER I

UNIVERSITY.ROLL.NO-

UNIVERSITY.REGISTRATION.NO-

KNU 113211110180 of -2021-22

COLLEGE ROLL.NO. BA.548

## **Raniganj Girls' College**

**Course Name: Environment Studies**

**Course Code: AEE101**

**Topic of the project: Air pollution in my locality**

### **A Project Report**

**Submitted by Semester-I students (Academic Year 2021-22)**

| <b>Name of the student</b> | <b>Registration Number</b> |
|----------------------------|----------------------------|
| INDRANI AKHULI             | KNU113211210148            |
| SANSKRITI PANDIT           | KNU113211210015            |
| AMBIKA KUMARI SHARMA       | KNU113211210202            |
| SHAYMA KHATUN              | KNU113211210055            |
| KHUSHI KUMARI              | KNU113211210016            |
| ISHIKA SINGH               | KNU113211210277            |
| KUMARI ANJALI SHAW         | KNU113211210025            |
| KHUSBU KUMARI              | KNU113211210177            |
| SOMA DAS                   | KNU113211210093            |
| RIMI GHOSH                 | KNU113211210212            |
| JAGRITI ANKURA             | KNU113211210119            |
| SONIYA RAUT                | KNU113211210030            |
| SONDHYA KUMARI YADAV       | KNU113211210180            |
| RIZVI PARVEEN              | KNU113112101117            |
| MONISHA DHIBAR             | KNU113211210132            |
| DIBYA KOIRI                | KNU113211110173            |
| MUSKAN KHATUN              | KNU113211110167            |
| KANCHAN KUMARI NONIA       | KNU113211210010            |
| NISHA PASWAN               | KNU113211210029            |
| RITA SHAW                  | KNU113211210257            |
| SHAMPA MAJI                | KNU113211210114            |
| ASHAPURNA GHOSH            | KNU113211210134            |
| SWETA PASI                 | KNU113211210273            |
| ANJALI YADAV               | KNU113211210002            |

## CERTIFICATE

This is to certify that this project titled “Air pollution in my locality” submitted by the students for the award of degree of B.A. Honours/ Program is a bonafide record of work carried out under my guidance and supervision.

| Name of the student  | Registration Number |
|----------------------|---------------------|
| INDRANI AKHULI       | KNU113211210148     |
| SANSKRITI PANDIT     | KNU113211210015     |
| AMBIKA KUMARI SHARMA | KNU113211210202     |
| SHAYMA KHATUN        | KNU113211210055     |
| KHUSHI KUMARI        | KNU113211210016     |
| ISHIKA SINGH         | KNU113211210277     |
| KUMARI ANJALI SHAW   | KNU113211210025     |
| KHUSBU KUMARI        | KNU113211210177     |
| SOMA DAS             | KNU113211210093     |
| RIMI GHOSH           | KNU113211210212     |
| JAGRITI ANKURA       | KNU113211210119     |
| SONIYA RAUT          | KNU113211210030     |
| SONDHYA KUMARI YADAV | KNU113211210180     |
| RIZVI PARVEEN        | KNU113112101117     |
| MONISHA DHIBAR       | KNU113211210132     |
| DIBYA KOIRI          | KNU113211110173     |
| MUSKAN KHATUN        | KNU113211110167     |
| KANCHAN KUMARI NONIA | KNU113211210010     |
| NISHA PASWAN         | KNU113211210029     |
| RITA SHAW            | KNU113211210257     |
| SHAMPA MAJI          | KNU113211210114     |
| ASHAPURNA GHOSH      | KNU113211210134     |
| SWETA PASI           | KNU113211210273     |
| ANJALI YADAV         | KNU113211210002     |

Place: Raniganj

Date: 18.03.2022



Assistant Professor, Department of Zoology

Signature of the supervisor with designation and department

# INDEX

| Topic                                  | Page no |
|--|---------|
| Air pollution Title                    | 1       |
| Introduction                           | 2       |
| Causes of Air pollution                | 3       |
| Objective                              | 4       |
| Diagram Representation<br>of pie chart | 5       |
| Experiment Setup Formation             | 6       |
| Air pollution in Different places      | 7       |
| Interpretation                         | 8       |
| conclusion of Inference                | 9       |
| Reference / Bibliography               | 10      |
| Acknowledgement                        | 11      |

AIR POLLUTION IN THE  
AREA OF. PANDEVESWER  
AND ITS QUALITAVE MEASUREMENT



# INTRODUCTION

Air pollution is 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. There are different types of air pollutants. Such as gases (Such as ammonia, Carbon monoxide, Sulfur Dioxide, nitrous oxides, methane and Chlorofluorocarbon) particulates (both organic and inorganic) and biological molecules, Air pollution may cause diseases, allergies and even death to humans it may

also cause harm to other living organisms such as animals and food crops and it may damage the natural or built environment both human activity and natural process. Can generate air pollution Reduction of burning fossil fuels, use of electric vehicles, reforestation

etc. Can reduce air pollution to a major extent. Harnessing renewable sources of energy helps to keep the environment clean and healthy.

## CAUSES OF AIR POLLUTION

Following are the important CAUSES of air Pollution

### (i) Factories and Industries:-

Factories and industries are the main source of carbon monoxide, organic compounds, hydrocarbons and chemicals, these are released into the air, degrading its quality.

### (ii) Vehicular Exhaustion:-

Cars, trucks and other vehicles with engines cause air pollution. Carbon monoxide - this type of air pollution causes respiratory health problems and holes in the ozone layer which increases the exposure to the sun's harmful

### Burning of Fossil Fuels:-

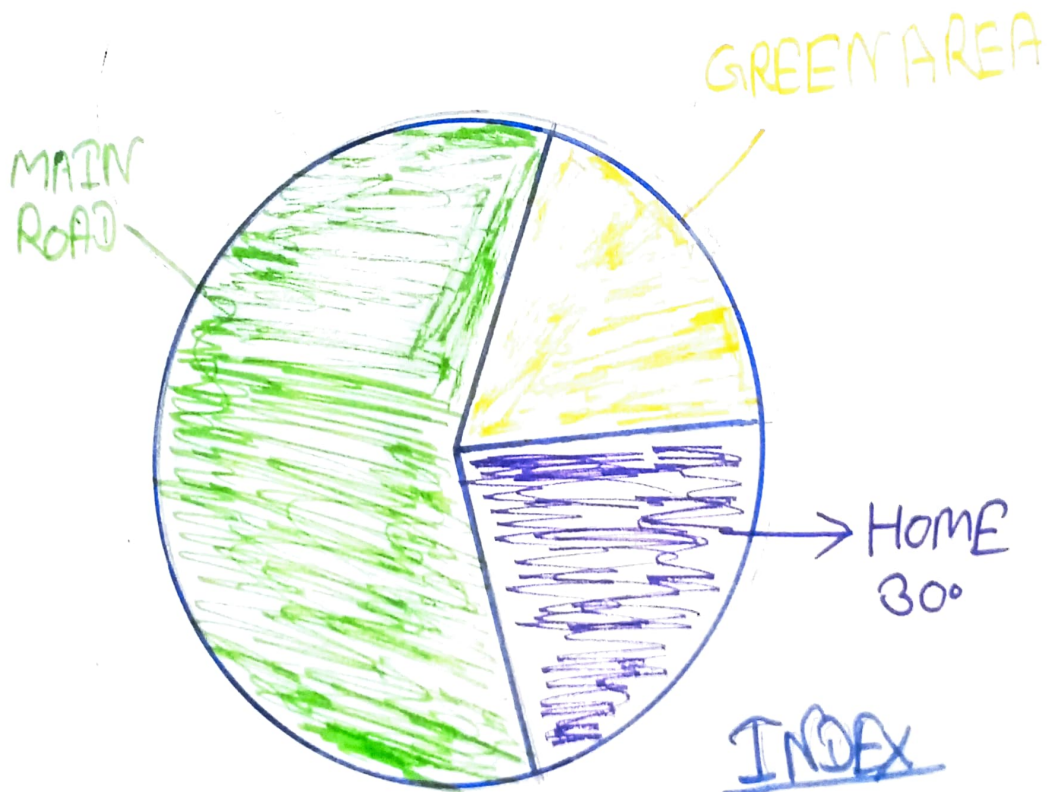
The combustion of fossil fuels emits a large amount of sulphur dioxide. Carbon monoxide is released by incomplete combustion of fossil fuels also result in air pollution

## OBJECTIVE

- Our objectives for doing this project is to address our disapproval of air pollution as it has been the biggest cause of global warming so far. Things like greenhouse gases and Car exhaust are the most common causes for air pollution.
- Protect and enhance the quality of air, be sources, and also protect public health and welfare while fostering a beneficial productive capacity
- Prevention Control and abatement of air pollution
- If we do not stop air pollution, the ice caps in the north pole will eventually melt and the sea level will rise thus flooding the low lying countries. It will kill many animals like polar bears.
- Air pollution is also destroying the ozone layer and lots of animals. Thus we want to be aware
- At last we think that by doing a Campaign we can aware people of the cons. of air pollution and tell them what they can do to stop it.



DIAGRAMATIC REPRESENTATION OF  
Air chart of POLLUTION THREE DIFFERENT  
AREA  
SHOWING THE AIR POLLUTION OUR LOCALITY  
(PANDASWER)



- INDEX
-  → HOME
  -  → MAINROAD
  -  → GREEN AREA

# EXPERIMENTAL SET UP FORMATION

Air pollution is a mixture of solid particles and gases in the air. Car emissions, Chemi Coals from factories dust pollen and mold spores may be suspended particles.

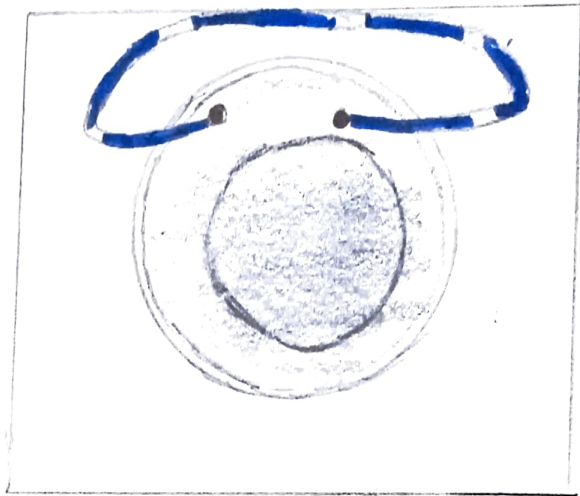
■ Today I do air pollution experiment-

- (i) Three paper plate
- (ii) A vaseline
- (iii) Three long tape.

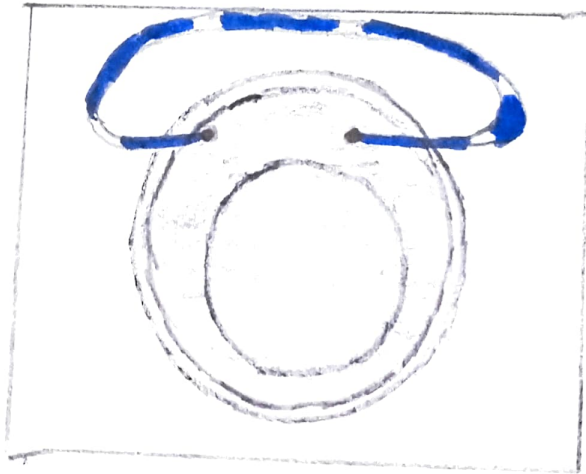
■ At first, I do two holes in one paper plate. Similarly four holes make in other two paper plate. Then take a long tape. There fore put the tape in this in this hole in those plate. After this the front end of this three plate apply the vaseline in whole of the front side in three paper plate, then we need find a place where you can come and also catch the pollution. I think that this project must be done at near or main road. ~~play~~ green AREA. Home.

AIR POLLUTION IN DIFFERENT PLACES

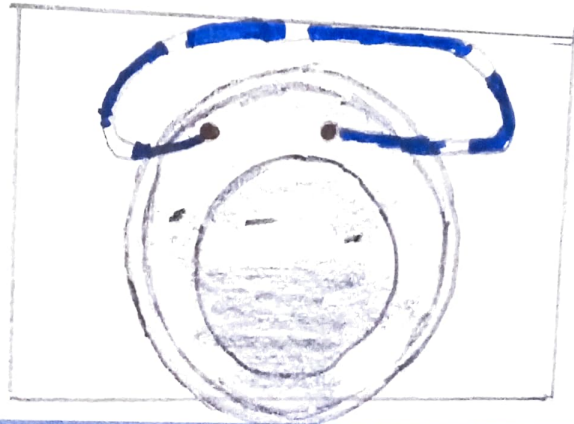
MAIN ROAD →



HOME →



GREEN AIRA →



# INTERPRETATION

The area we live is full of greenery. so air pollution level is not the matter of thought to us. where air pollution is mainly found

are - (i) Main Road -

(ii) Green Area -

(iii) Home -

■ As for my stay on vehicles. the pollution level of those places are as follows -

(i) Main Road - (Greatest)

(ii) Green Area -

(iii) Home - (Lowest)

■ The place where I live has a lot of traffic on the main road and some factories have. Sprung upon both sides of the main road resulting in high pollution levels on the main road by green trees and the field in this bit away from the main road. So the amount of pollution from the main road here is a bit

low. There are a number of trees in the home and my home is far from the main road so the level of pollution in the home is low.

## CONCLUSION OR INFERENCE

- Air pollution is a major environment issue, it can affect the health and life support systems as well since clear air is an essential factor of life for respiration it is necessary to prevent the sources of air pollution
- Air pollution is often the most obvious and wide-spread type of pollution.
- Health effects of these pollution include respiratory cancer, and developmental disabilities in children stratospheric ozone, poisoning of forests and waters by acid rain and corrosion of building materials.
- We have made encouraging progress in controlling air pollution; progress that has economic benefits as well as health benefits.

## REFERENCE / BIBLIOGRAPHY

- [www.wikipedia.org](http://www.wikipedia.org)
- [www.mrc.org](http://www.mrc.org)
- [www.environment-pollution-centers.org](http://www.environment-pollution-centers.org)
- Environmental education by Dr. Jain C.K and Jain Shal.
- Environment studies by Dr. Anish Chattopadhyay.
- Pollution in India

## ACKNOWLEDGEMENT

I would like to express my special Thanks of gratitude to my respected Professor Baldev malick, Department of Zoology, Ranigeri Girls College, for his sincere support and Co-operation in the preparation of this project on air pollution in the area of Pandaveswar and its Qualitative measurement in Environment studies, Semester-I

Date :-

Signature of student  
Sondhya Kunnari Yadav

Examiner  
18.03.22