

RANGIANJ GIRL'S  
COLLEGE



ENVIRONMENT STUDIES  
PROJECT  
ENGLISH PROGRAM  
SEMESTER-1

UNIVERSITY REGISTRATION NO:- KNU

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COLLEGE Roll No:- 616

## **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)**

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## 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.

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Place: Raniganj

Date: 18.03.2022



Assistant Professor, Department of Zoology

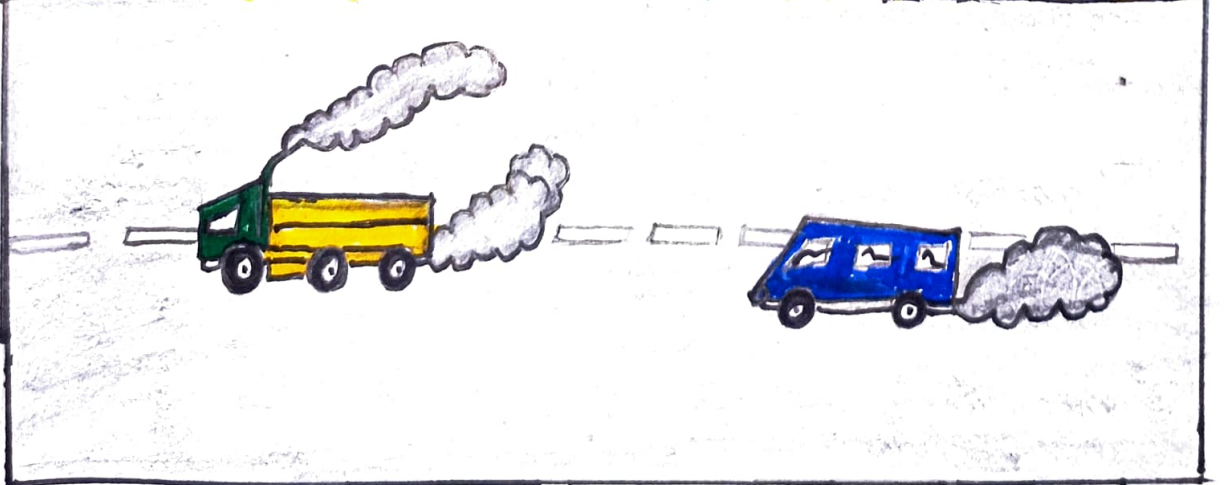
Signature of the supervisor with designation and department

# INDEX

<u>TOPIC</u>	<u>PAGE NO</u>
1. Title of the Project	01
2. Introduction	02-3
3. Objective	04
4. Experimental Setup	05
5. Data Analysis / Observation	06-7
6. Data interpretation	08
7. Conclusion / inference	09
8. Reference / Bibliography	10
9. Acknowledgment	11



AIR POLLUTION  
IN THE AREA OF  
KHOTTADIH  
AND ITS  
QUALITATIVE 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 or air carbon monoxide, sulfur dioxide, nitrogen oxides, carbon monoxide and chlorofluorocarbons), particulates (both organic and inorganic) and biologicals, allergies and even death to humans: as it may also cause harm to other living organisms such as animals and food crops, and may damage the natural or built environment. Both human activity and natural processes can generate human air pollution. Reduction of burning can generate fuel & use of electric vehicles. 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:

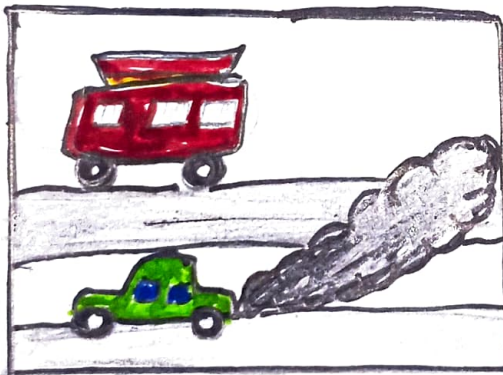
## (i) Factories and Industries:-

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



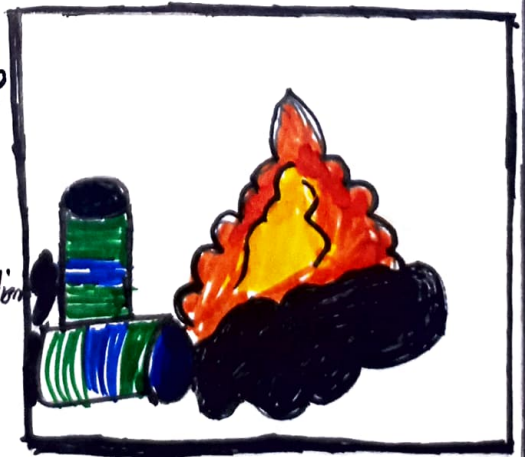
## (ii) Vehicular Exhaustion:

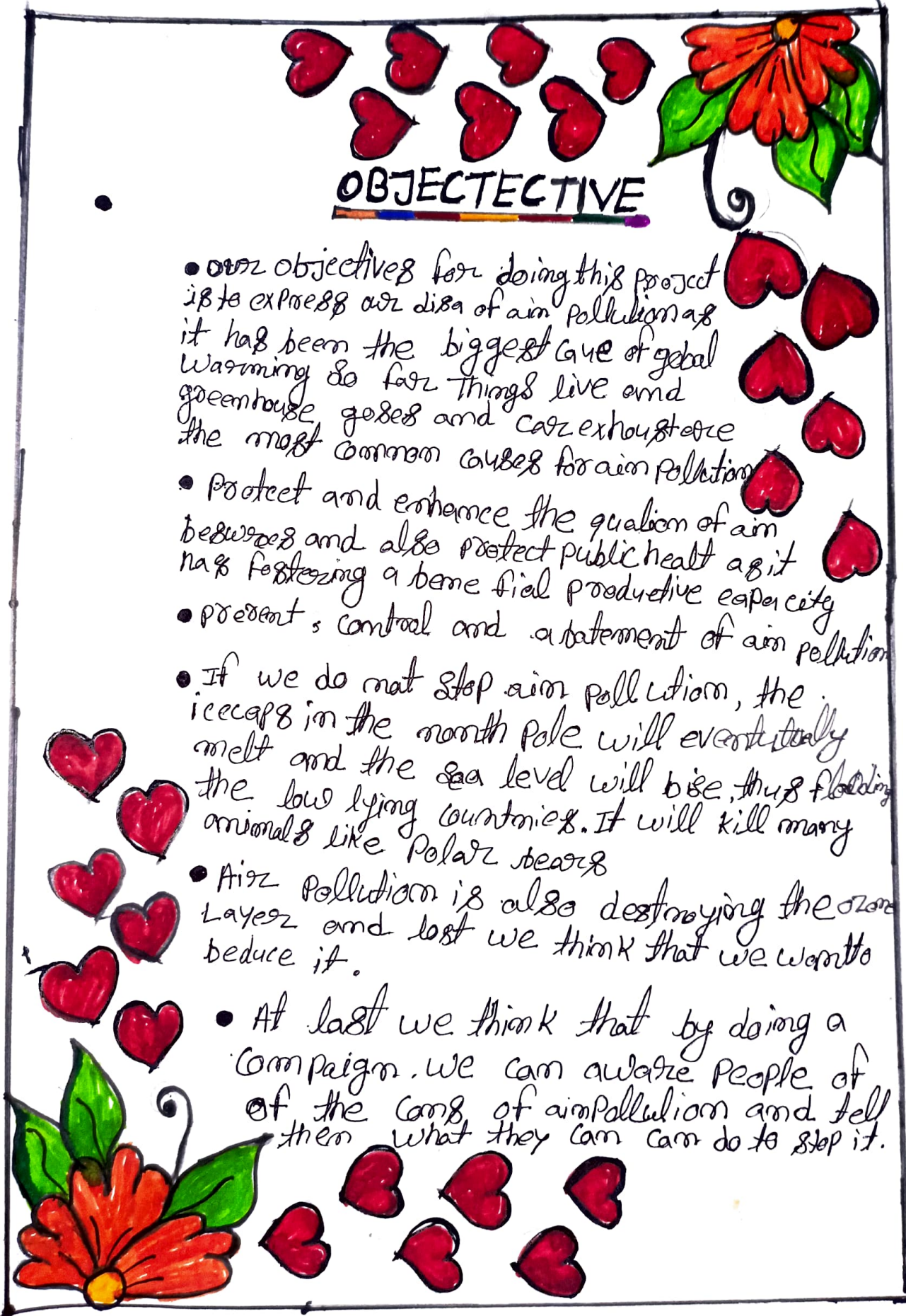
Cars, trucks and other vehicles with engines cause air pollution. The exhaust from these contains carbon monoxide. This type of air pollution causes respiratory exposure to the sun's horizontal rays.



## (iii) Burning of Fossil Fuels:

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





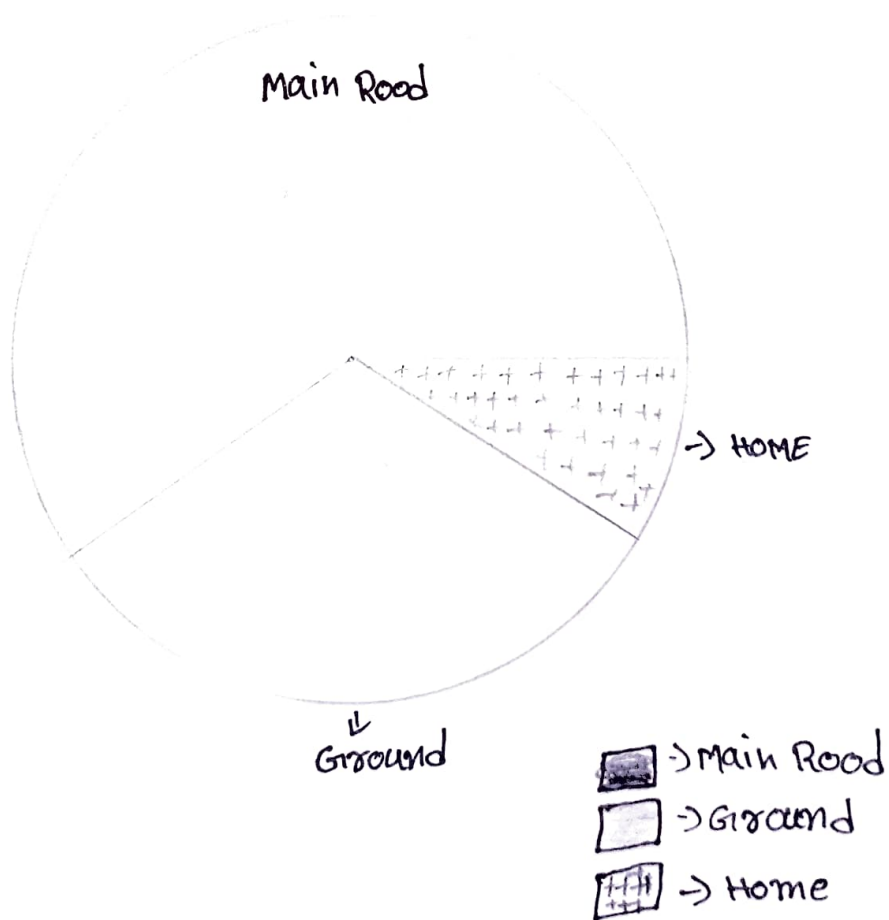
## OBJECTIVE

- our objectives for doing this project is to express our disa of air pollution as it has been the biggest cause of global warming so far things like live and greenhouse gases and car exhaust are the most common causes for air pollution
- protect and enhance the quality of air between and also protect public health as it has fostering a beneficial productive capacity
- prevent, control and abatement of air pollution
- If we do not stop air pollution, the icecaps 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 last we think that we want to reduce it.
- At last we think that by doing a campaign, we can aware people of of the cons of air pollution and tell them what they can do to stop it.



# Diagrammatic Representation of Pie chart of Pollution in Three Different Area.

SHOWING THE AIR POLLUTION OUR LOCALITY



# EXPERIMENTAL

## SET UP

### FORMATION

Air Pollution is a mixture of solid particles and gases in the air car emissions, chemicals from factories, dust, pollen and mold spores may be suspended particles.

■ Today I do air pollution experiment

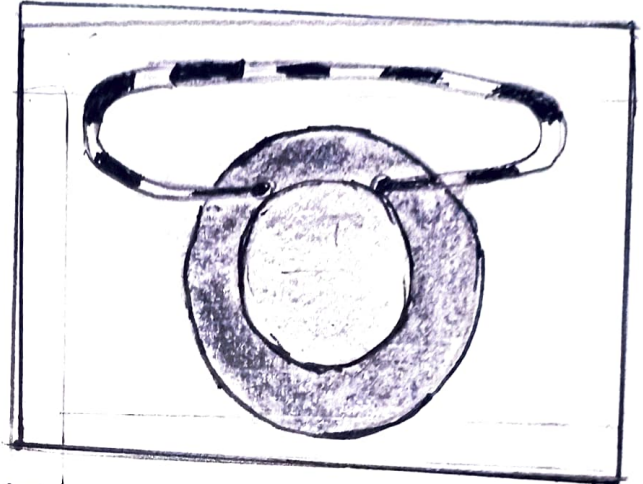
So, I need some necessary things as—

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

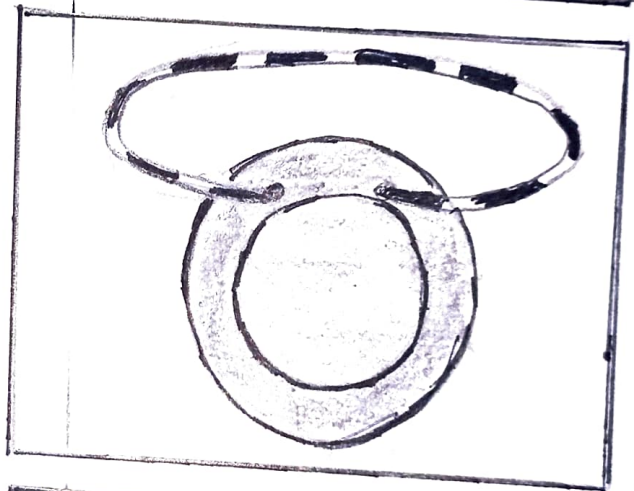
■ At first, I do two holes in one paper plate. Similarly four holes make in other two. Put the tape in this in this hole in those plate. After this the front side of this three plate. apply the vaseline in whole. Then we need find a place where you can have and also catch the pollution. I think that this project must be done at near our main road play ground and home.

# AIR POLLUTION IN DIFFERENT PLACES:

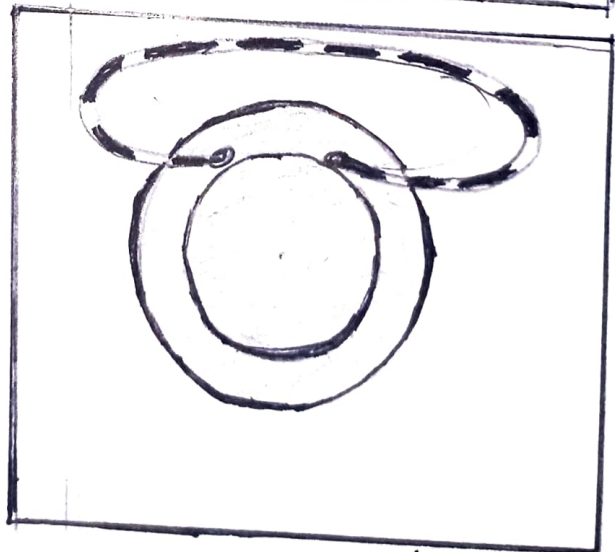
MAIN ROAD



PLAY GROUND



HOME



# INTERPRETATION

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

- i) Main roads
- ii) play ground
- iii) Home

□ As per my survey on vehicles the pollution level of those places are as follows

- i) Main road -  $90^{\circ}$  (Highest)
- ii) play ground -  $58^{\circ}$
- iii) Home -  $30^{\circ}$  (Lowest)

The place where I live has lot traffic on the main road and some factories have sprung up on both sides of the main road resulting in high pollution levels on the main road. Again the playground in this area is surrounded by green trees and the field is a bit away from the main road so the amount of pollution from the main road here is a bit less. There are a number of trees in the home and my home is



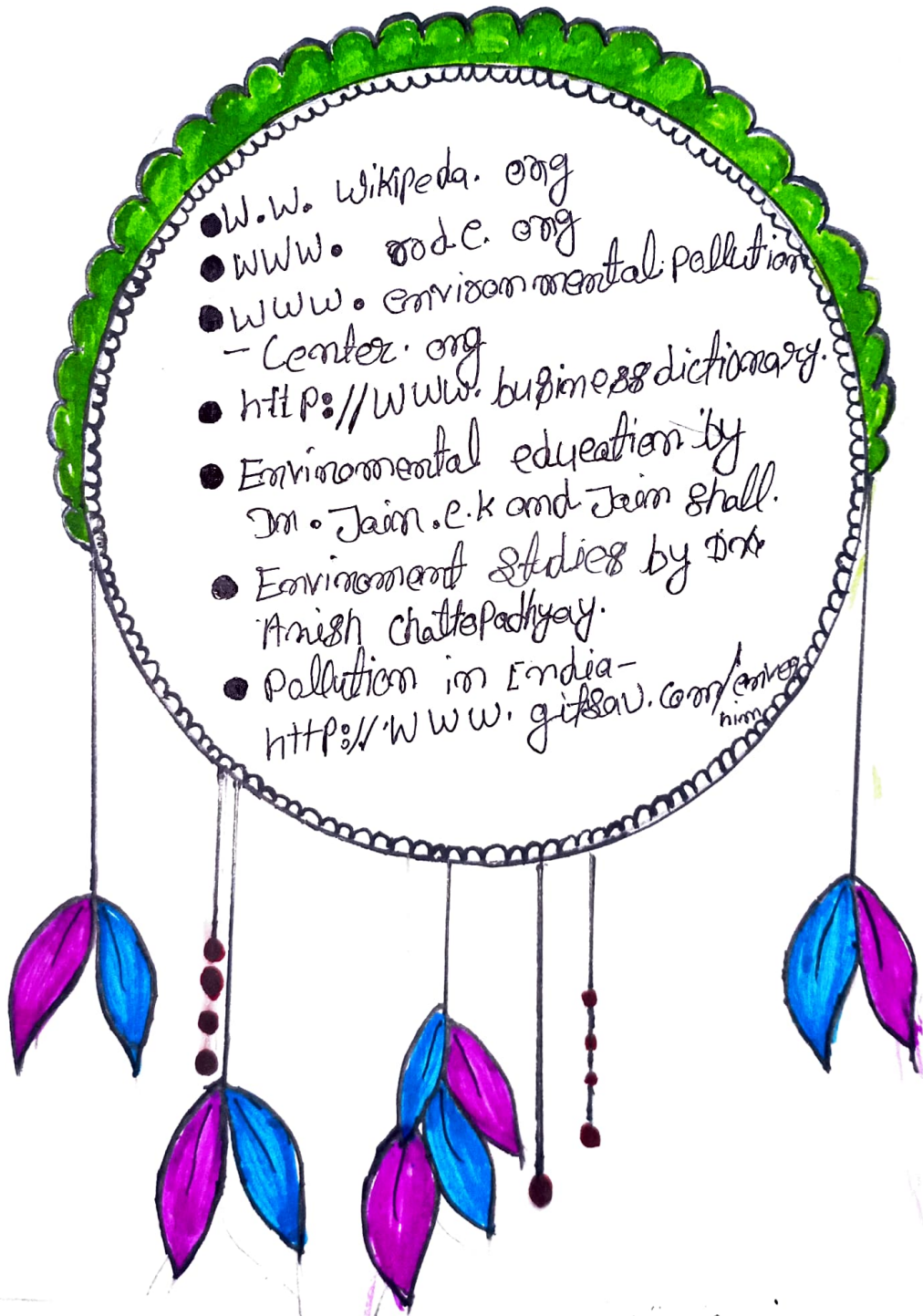
## CONCLUSION OF INFERENCE

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- 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 herpistion, it is necessary to prevent the serious effects of air pollution.
- Air pollution is often the most obvious and wide spread type of pollution.
- Health effects these pollutants. Health include respiratory diseases, birth defects, heart attacks, cancer, and developmental disabilities in children. Environment impacts include destruction of stratospheric ozone, poisoning of forests and waters by acids, 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



## ACKNOWLEDGEMENT

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Date :- 15.3.2022

Signature of student  
MUSKAM KHATUN

Examined  
18-03-22