

RANIGANJ GIRL'S COLLEGE
ENVIRONMENT STUDIES
PROJECT
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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

Topic	Page No.
1. Title of the project	3
2. Objective	4
3. Introduction	5-6
4. Data Collection	7
5. Data Analysis	7
6. Data Interpretation	7
7. Conclusion	10
8. Reference	11
9. Acknowledgement	12

Air
Pollution

Objective

- Our objectives for doing this project is to express 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.
- Although Singapore is not causing so much air pollution, there are countries like China which produces a lot 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 animals like polar bears.
- Air pollution is also destroying the Ozone Layer, and lots of animals thus we want to reduce it.
- We think that by doing a campaign, we can warn people of the consequences of air pollution and tell them what they can do to stop it.
- Protect and enhance the quality of air by sources, and also protect public health and welfare while fastening a beneficial productive capacity.

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 pollutions 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 may damage the natural or built environment. Both human activity and natural processes can generate air pollution.

Reduction of burning fossil fuels. Use of electronic 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

The causes of air pollution are:-

The Burning of Fossil Fuels:-

Most of air pollution takes place due to the burning of fossil fuels such as coal, oil, gasoline to produce energy for electricity or transportation. The release of carbon monoxide in high level indicates how much fossil fuel is burned.

Wildfire:

Climate change is not just increasing wildfire but also spiking air pollution. Burning stubble and farm residue is also a major contribution to wildfire. It causes increased in the air which collides with others harmful substances like chemical gases and pollen creating smog.

Transportation:

There is no denying that vehicle pollution is the major contribution to air pollution, esp in urban cities. When the car burns gasoline, it emits pollutants in the air which is as harmful as smoking 10 cigarettes a day.

Conclusion Or Inference

- Indoor air pollution as a potentially serious health threat - we can significantly minimize risks.
- Outdoor air pollution has been addressed by government legislation and regulation in developed countries.
- Health effects of these pollutants 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 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.
- Air pollution is often the most obvious and widespread type of pollution.

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Date - 15.03.2022

Signature of student

Manisha Dhebar

Examined



15/03/22