RANIGANJ GIRL'S COLLEGE

ENVIRONMENT STUDIES PROJECT

HINDI   HONOURS 1st SEMESTER

UNIVERSITY REGISTRATION No:-

11321121002g   YEAR-2022

NAME: NISHA ☐ PASWAN

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)

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

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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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

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DATA TABLE OF AIR POLLUTION IN OUR LOCALITY

(PURE JAMBAD COLLIERY)

AREA of AIR POLLUTION	DEGREF of AIR POLLUTION	SCALE IN CENTIMETRES
Main Road	$90°$	9cm
Play Ground	$58°$	5.8 cm
Home	$30°$	3cm

DIAGRMATIC REPRESENTATION OF DEGEE OF POLLUTION IN THREE DIFFERENT AREA

SHOWING THE AIR POLLUTION IN OUR LOCALITY (PURE JAMBAD COLLIERY)
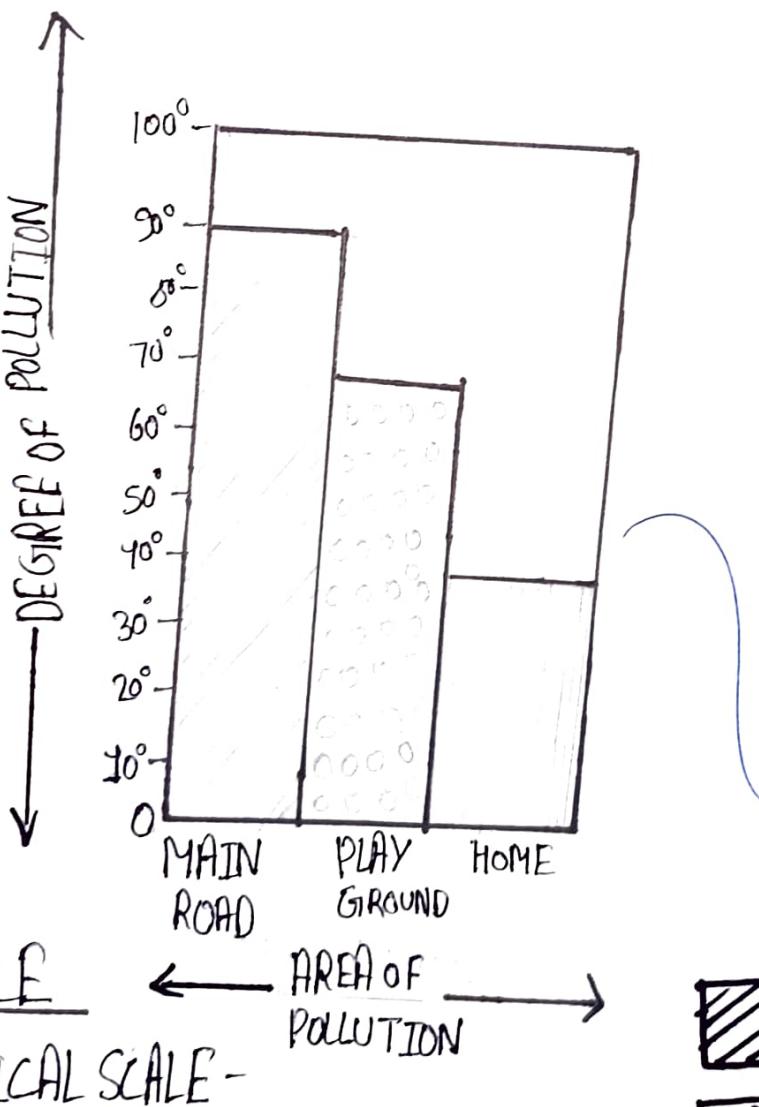
SCALE

VERTICAL SCALE -

1 cm to 10°

INDEX

- MAIN ROAD
- PLAY GROUND
- HOME

OBJECTIVE

- Our objectives for bring this project is to express Our disapproval of air pollution as it has been the biggest cause of gobal Warming so for. Things live green house gases and car exhaust are the most Common causes for air pollution.

- project and enhance the quality of air be sources. and also project 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 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 lots of animals thus we want to reduce it.

- 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.
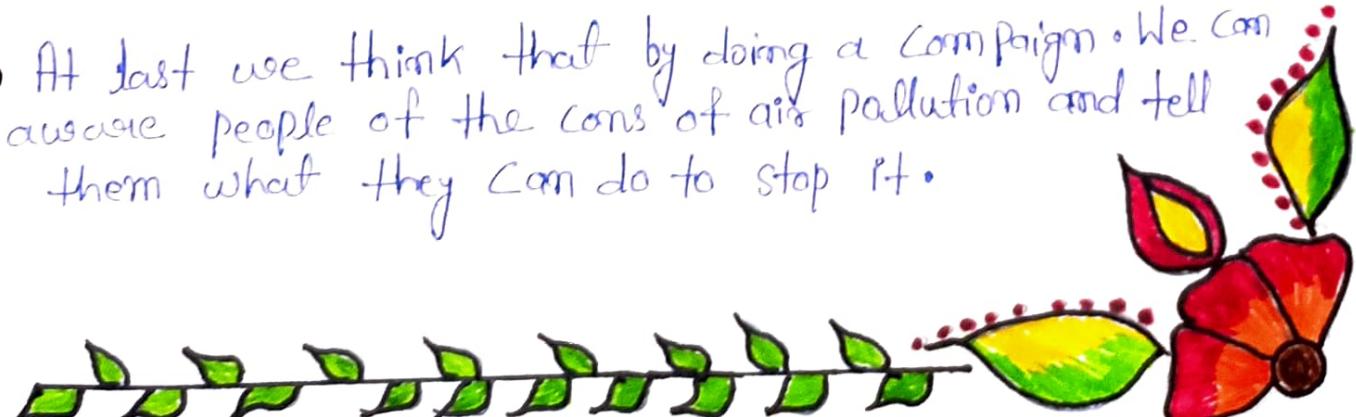
METHODS

- Since most individuals are exposed to some levels of air pollution, it is not feasible to differentiate between individuals who are exposed to certain levels of air pollution. Therfore, this study used an indirect method of identifying the "exposed" individuals (as opposed to nonexposed). By applying assumptions about the relative risks of new diseases (incidence) hle attribited a change in disease incidence to a change in air pollution exposure.

- In Denmark, easy access to administrative health registers provides excellent conditions for register-based research.
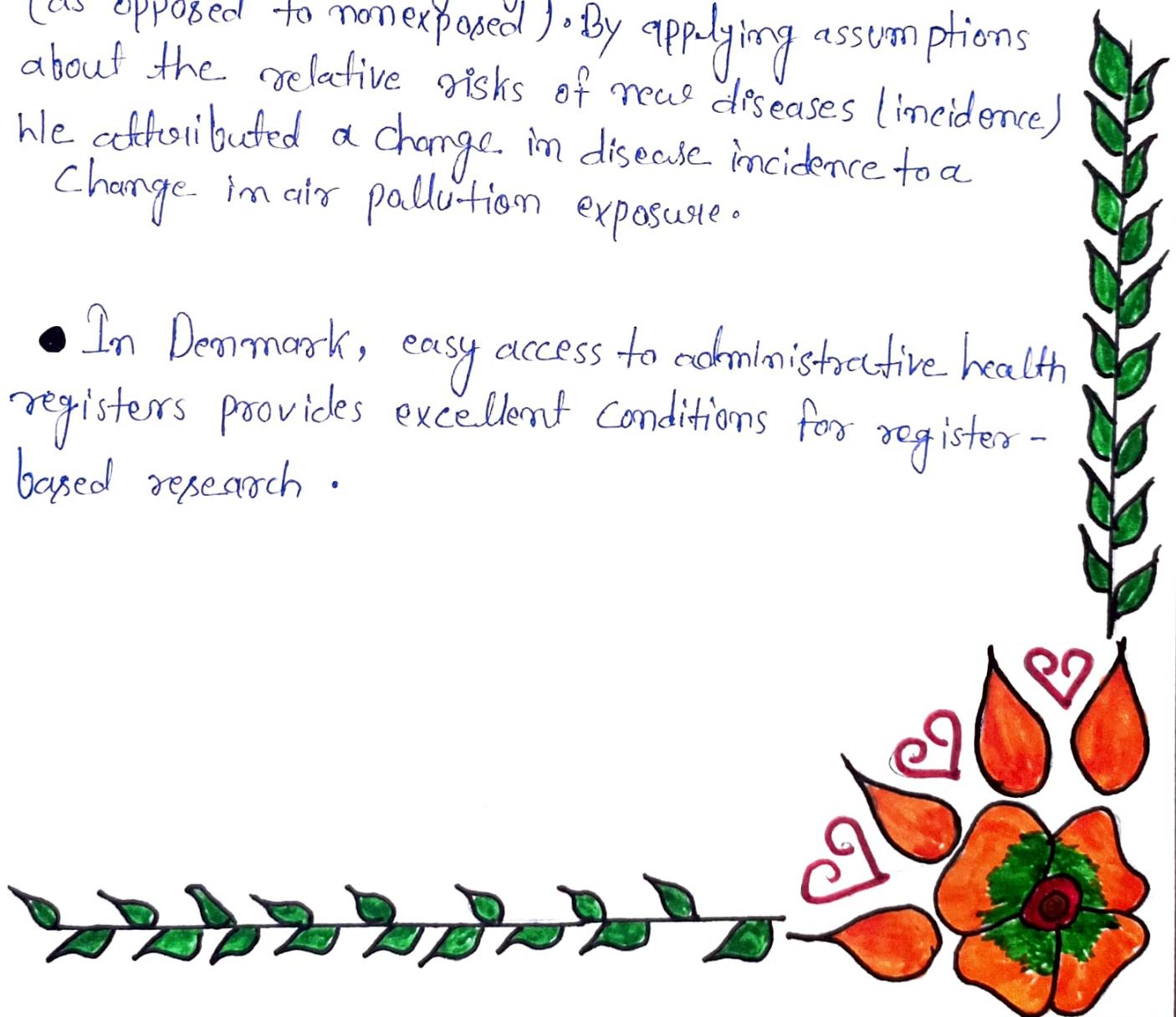
DATD INTEPRETATION

The are we line is full of greenery so air pollution level is not the matter of thought to us. Where air pollution is mainly found

air —
i) Main roads
ii) play ground
iii) Home

• As per my survay an velieles the pollation level of those placcs are as follows –

i) Main road — 90° (Greatest)
ii) Play ground — 58°
iii) Home — 30° (Lowest)

• The place where I live has a lot of traffic on the main road and some factiries nave sprung up on both sides of the main road resulting in high pollution levels on the ded by green thees and the field is a bit away from the reae is a bit ess. There are a number from the main road and my home is far from the main road so the leve of pollution in the home is low.

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CONCLUSION . 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 diseases, birth defects, heart attacks. Cancer, and developmental disabilities in children. Environment impacts include destruction of stratosphemic 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 IN THE AREA OF GANGAJAL GHATI AND ITS QUALITATIVE MEASUREMENT

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 the organic compounds, hydrocarbons and chemicals. These are released into the air, degrading its quality.
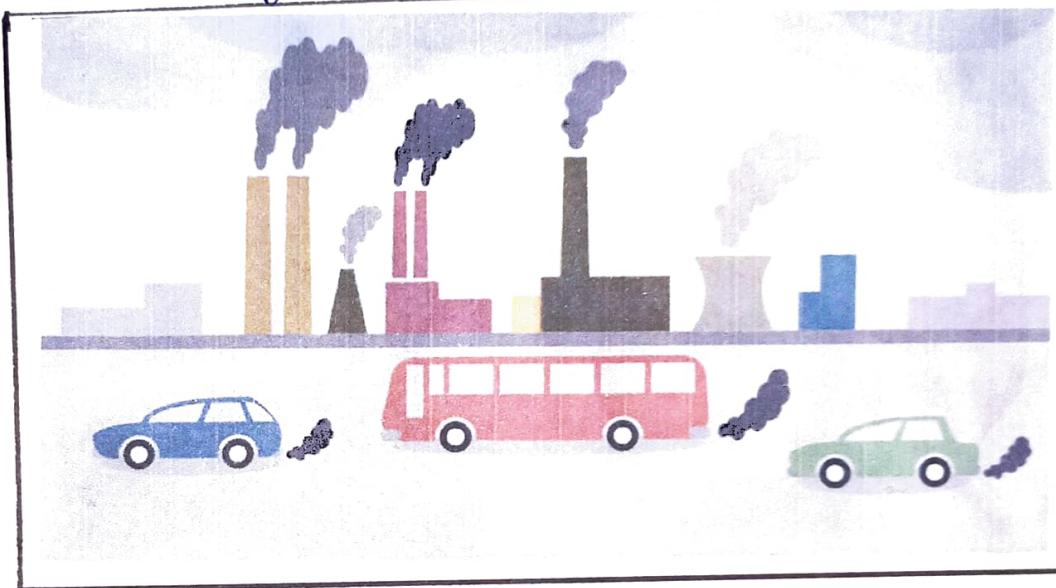
(ii) Vehicular Exhaustion :

Cars, trucks and other Vehicles with engines causes air pollution. The exhaust from these Contains Carbonmonoxides. This type of air pollution causes respiratory health problem and makes in the ozone layer. which increass the exposure to the Sun's harmful rays.

(iii) Burning of Fossil Fuels :

The Combustions of fossils fuels emits a large amount of sulphur dioxide. Carbon monoxide released by in complete Combustion of fossil fuels also result in air pollution.

ACKNOWLEIDGEMENT

I would like to express my special thanks of gratitude to my respected professor Buddradev Mallick, Department of Zoology, Raniganj Girl's Callage, for his sincere support and co-operation in the preparation of his project on air pollution in the area of Gangajal Gmati and its Qualitative mes-urement in Environment studies. Semister-1

Signature of student

Date :

Nisha Paswan

Examined
Paw
15.03.22