



COVA

Implemented by COVA in

Collaboration With SCERT.

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RESIDENTIAL SCHOOL
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Topic:- Climate Crisis & Its Impacts

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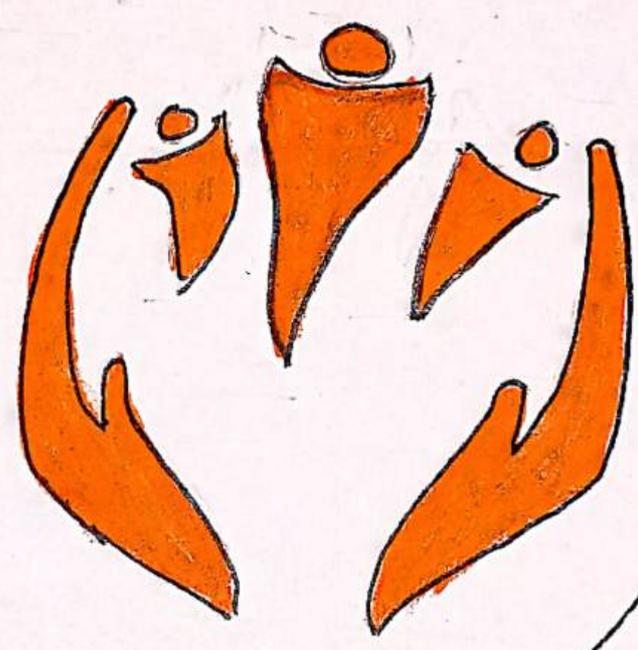
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From Charminar Boys-01

Al-Jubail Colony, Falaknuma, Hyd.



COMPASSIONATE CITIZENSHIP
PROGRAMME

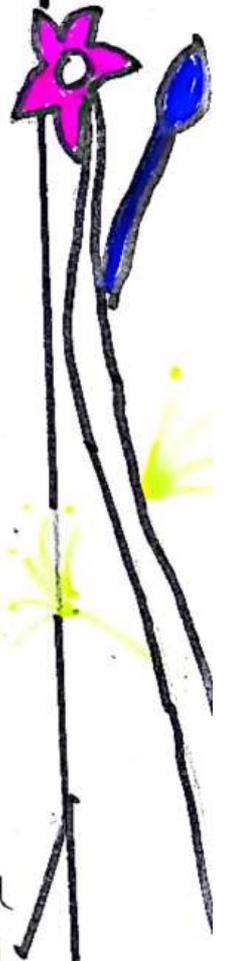


TGMREISED



CHARMINAR
BOYS-1

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Introduction

INTRODUCTION

We are from T.G.M.R.E.I.S.

Charminar Boys-1. A

Non-Government organization
(NGO) Confederation of
Voluntary Association [COVA]

has collabed with State Council of
Education Resarch & Training.

[SCERT]

We are working on a project
Compassionate Citizen Ship
Programme.

In this we are authorised to
take interviews, of the local
people and to know their problems.
We got this precious opportunity,
to take public and official
interview.

2
Introduction of
Global Warming &
Heat wave.

Introduction of Global Warming and Heat waves.

Climate change is making heatwaves more frequent, shorter and longer. Heat waves are a result of global temperatures caused by greenhouse gases from burning fossil fuels.

How climate changes cause heat waves warmer temperature.

Rising temperatures mean heat waves start from a higher baseline, making them more severe. At Atmospheric Circulation, climate changes can alter atmospheric circulation pattern, leading to more persistent high system that favor heat waves.



Urban Heat Island
Effect

Urban heat Island Effects

Urban areas are warmer than ding rural areas, which can amplify heat waves.

Land use changes

Deforestation and agriculture can alter local climates, affecting Temperature & humidity levels

Climate Changes

Climate change individual warming - the ongoing increase in global average temperature and winds affects on earth's climate system in climate change in a broader sense also includes previous long term changes current rise in global especially fossil fuel science



CAUSES OF CLIMATE CHANGE

Fossil Fuels

Transportation Emissions

Deforestation

Industrial Pollution

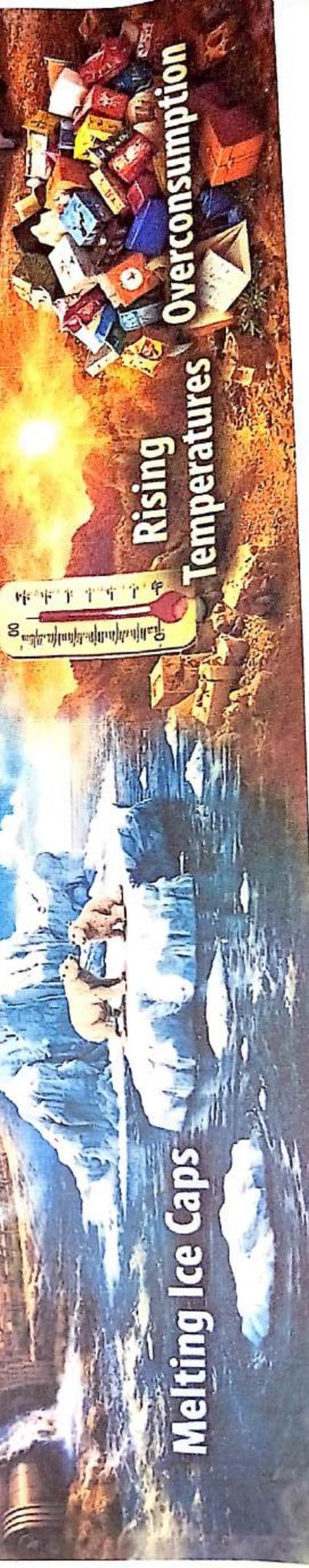
Agriculture

Waste & Landfills

Melting Ice Caps

Rising Temperatures

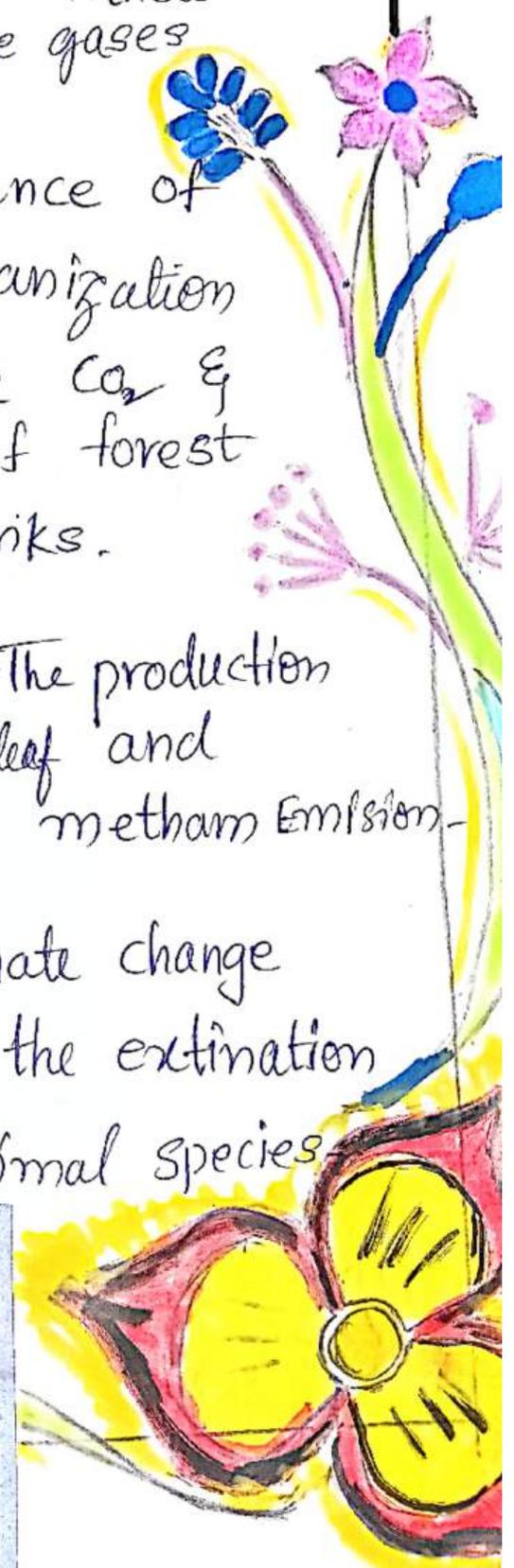
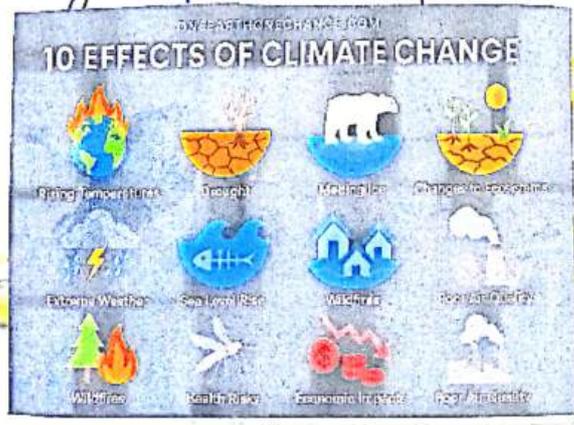
Overconsumption



Causes of Climate Change.

Causes of climate change.

- * Green house :- Burning fossil-fuels deforestation & land use changes release carbon dioxide Methods and other greenhouse gases
- * Deforestation :- The clearance of forest Agriculture urbanization and the purpose release CO₂ & Reduce the ability of forest to act as carbon sinks.
- * Industrial Agriculture :- The production of meat especially beef and animal product leads methane Emission-
- * loss of biodiversity :- climate change alters Ecosystem, leading the extinction of many plants & Animal species



Other Sources

- * Agriculture beaving:- The burning of agriculture waste releases gas know gas.
- * Bioenergy:- The production & combustion of bioenergy can release green house gases.
- * Mineral extraction:- The extraction and processing of mineral can release green house gas.
- * Deforestation:- The decrease of forests for Agriculture of mineral urbanization & other purpose.
- * Urbanization:- The expansion of cities and urban areas, leading to the destruction of Nature habitat & the release of green hous gas



* More frequent natural disasters -
 Climate changes lead to more frequent intense heatwaves, Droughts, floods, etc..

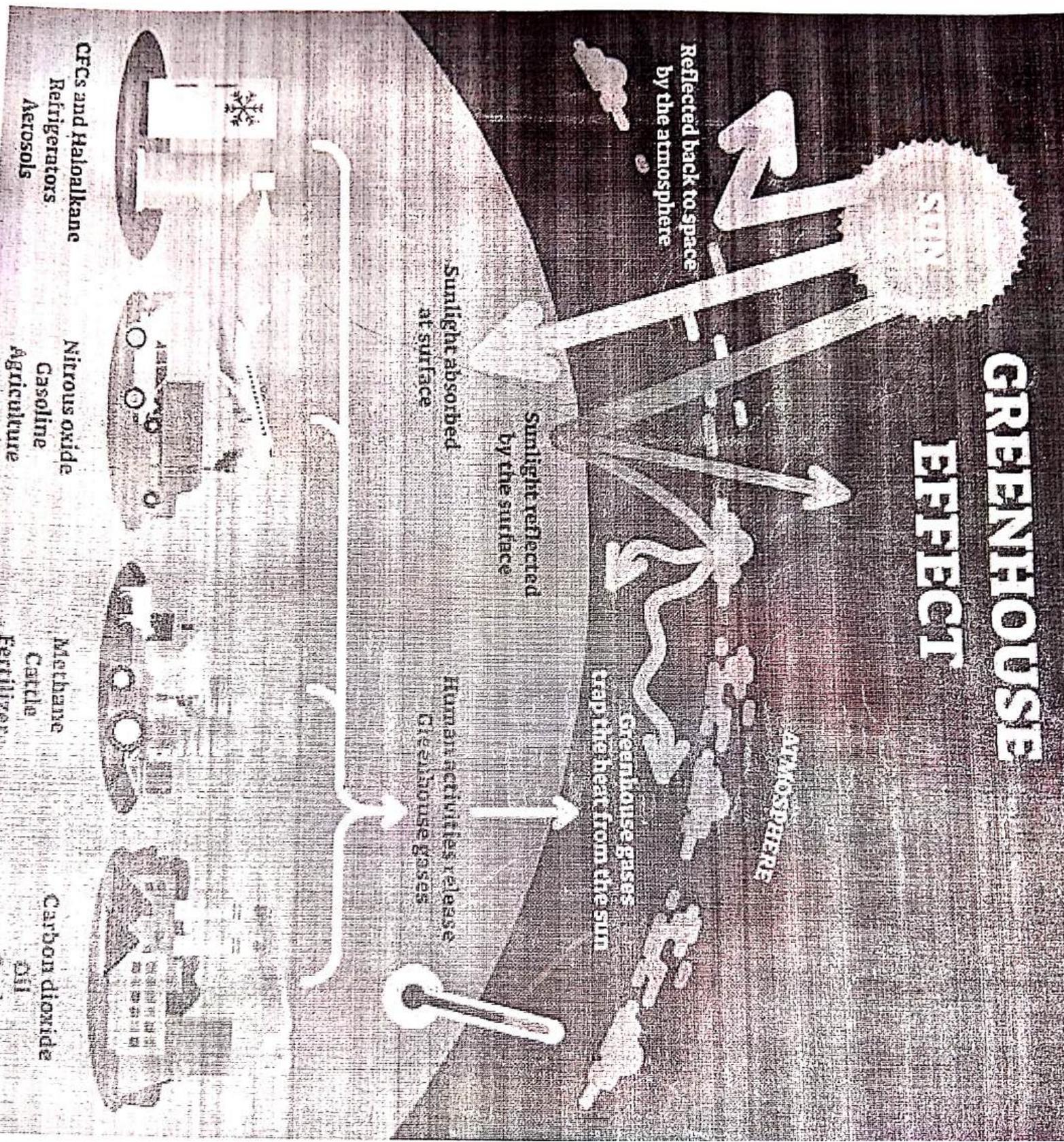
* Sea level : rising sea level coastal erosion, flooding & salt water intrusion into fresh water sources -

* Since the 2000 climate changes has increased wage - various scientist, politicals, & media may use the terms climate crisis or climate emergency to talk about climate changes and may use the term global heating instead of global warming -

⇒ climate change can be mitigated by reducing the rate at which greenhouse gases are emitted into the atmosphere, and by increasing the CO₂ is removed from the atmosphere to limit global warming to less than 1.5°C



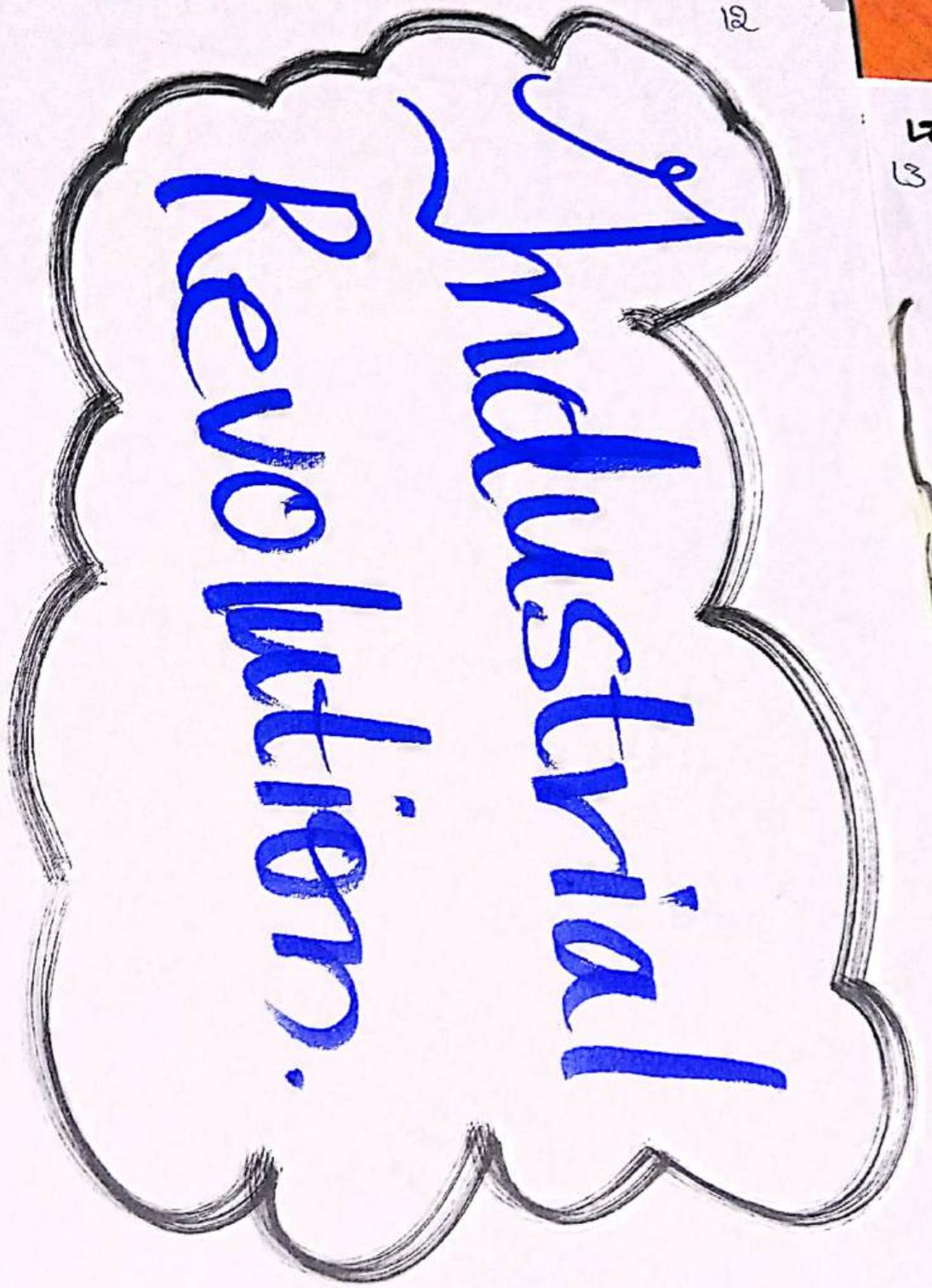
GREENHOUSE EFFECT



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12
13

Industrial Revolution.

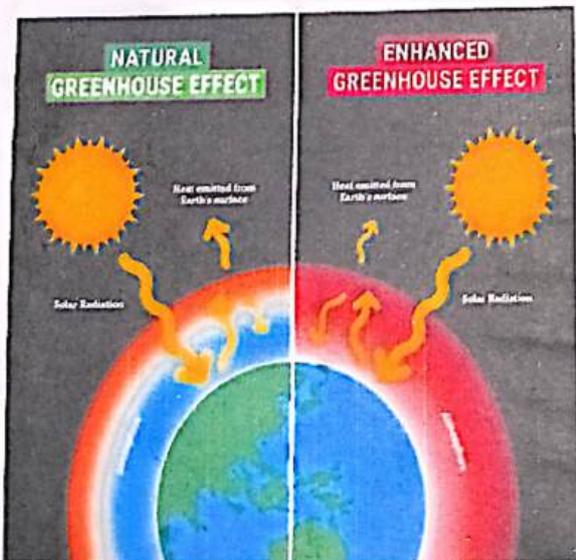
A hand-drawn cloud-like border in black ink, containing the text 'Industrial Revolution.' written in blue cursive.

Industrial Revolution

Fossil fuel use, deforestation, and some Agriculture and industrial practices Relative green house gases.

What is Green house Gases

Green house gasses (GHG) are gases in the atmosphere that trap energy from the Earth surface they are responsible for global warming and climate changes.



Main greenhouse gases.

* Carbon dioxide (CO_2)* - from burning fossil fuels (cars, factories), deforestation.

* Methane (CH_4)* - from livestock (cows), rice field, landfills

* Nitrous oxide (N_2O)* - from fertilizers and industrial processes.

* Water vapour: - naturally occurring, but increases as the Earth warms

* Fluorinated gases* - from refrigerators, air conditions industries (very powerful even in small amounts)



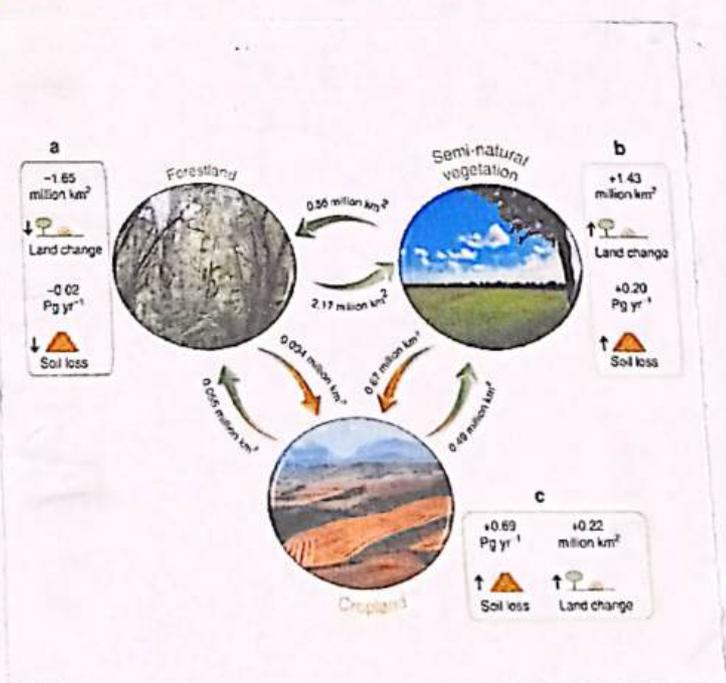
Research
Methodology
of climate
change

Research Methodology of Climate Change

*What we research & discussed?
 Before the 1986 it was unclear weather's warming effect of increased green house gases was stronger than the greenhouse cooling effect of aerosols particulates in air pollution that the Green house gases becoming & common and harmful spreading and the time of 1980s warming refers only changes Global warming & its effects on earth's climate systems global warming is used as easily as 1975 became the more popular Team Effect NASA climate scientist famous they used is in his 1988 testimony to U.S. Senate.



Global greenhouse gases emissions
 needs to be need zero by
~~2050~~ 2050 O_2 by 2070 with a
 Zigetarget.



How Green House
Gases increasing

Effects of
Climate
Change

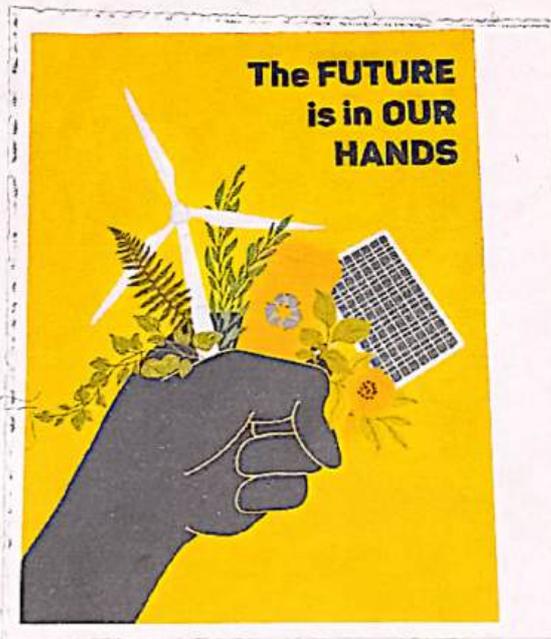
Effect of Climate Change

* Fossil fuels, coal, oil, and gases are the largest contribution to global climate changes, according to over 25% of global greenhouse gas emissions and nearly 90% of all house CO_2 emissions. Climate change has many effects including rising sea levels, more frequent strong and more severe droughts are there. The most of the effects are from the greenhouse gases and after the greenhouse the effect is lead to more frequent storms.



Climate Change Solution Slogans

Save Energy, Save Earth
 Go Green to keep it clean
 Reduce carbon, Increase life
 Plant Trees, Protect our Future
 Choose Renewables, Choose life
 Act Now for a Better Tomorrow.



Climate
Change Crisis
Slogans

■ Climate Change Crisis Slogans

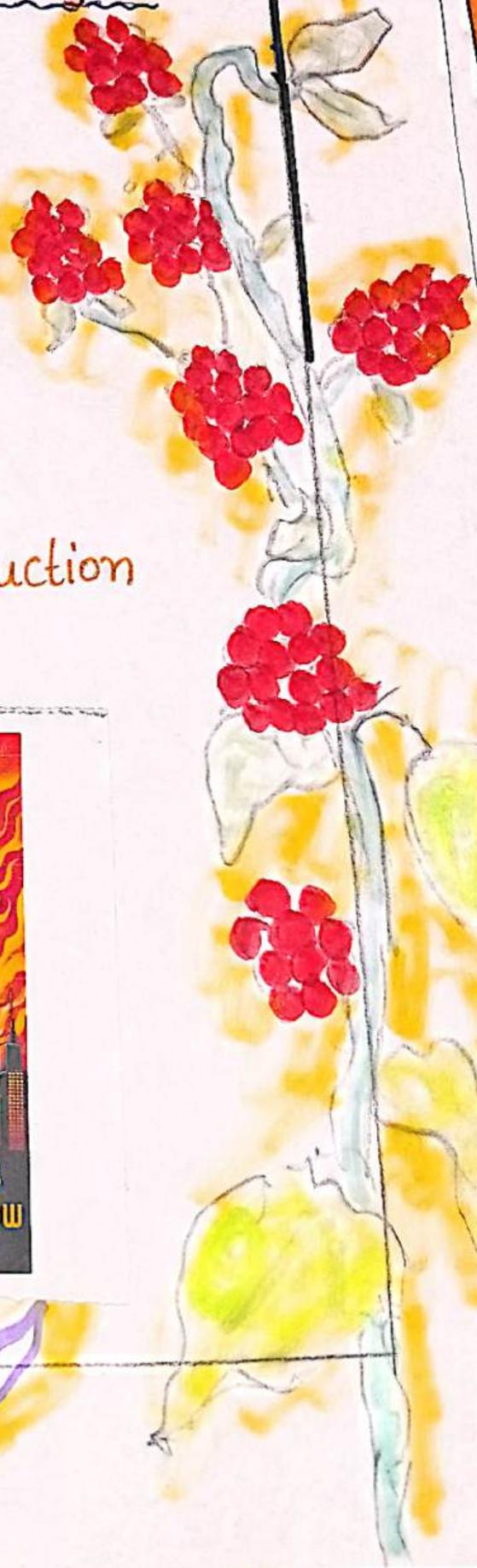
There is No Planet B

Earth Is Heating, Act Before it's Too Late

Nature is Crying - Are We Listening?

Stop Warming, Start Warning.

Pollution Today, Destruction Tomorrow.



Case Study



Case Study
Issue:1

Name: Sowkath

Age / Gender: (M) / 37

Profession: - Kirana General Store.

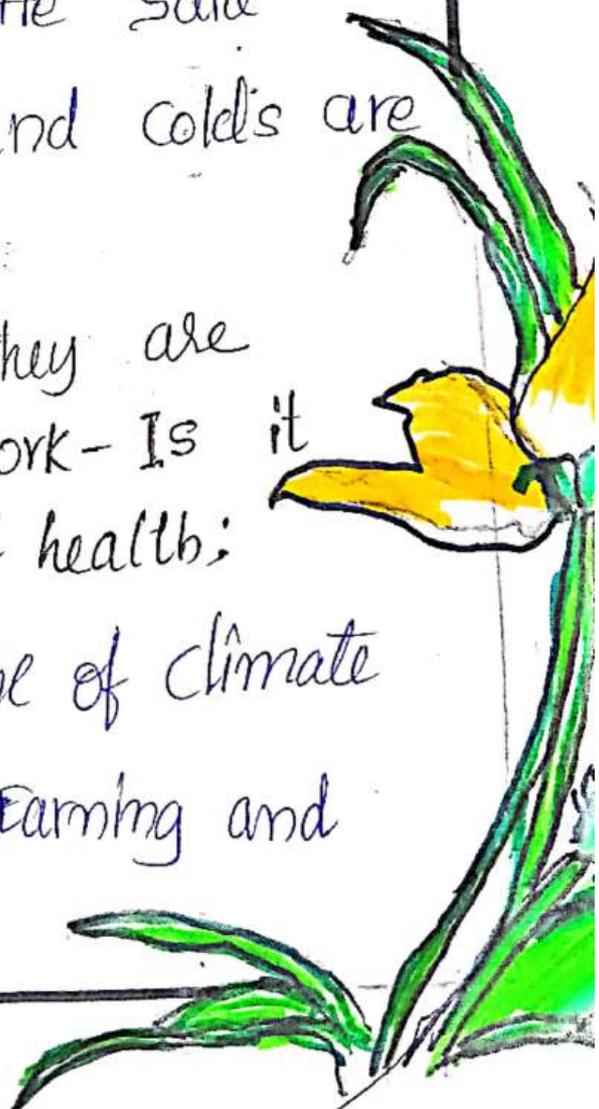
Address: - At Jubail Colony.

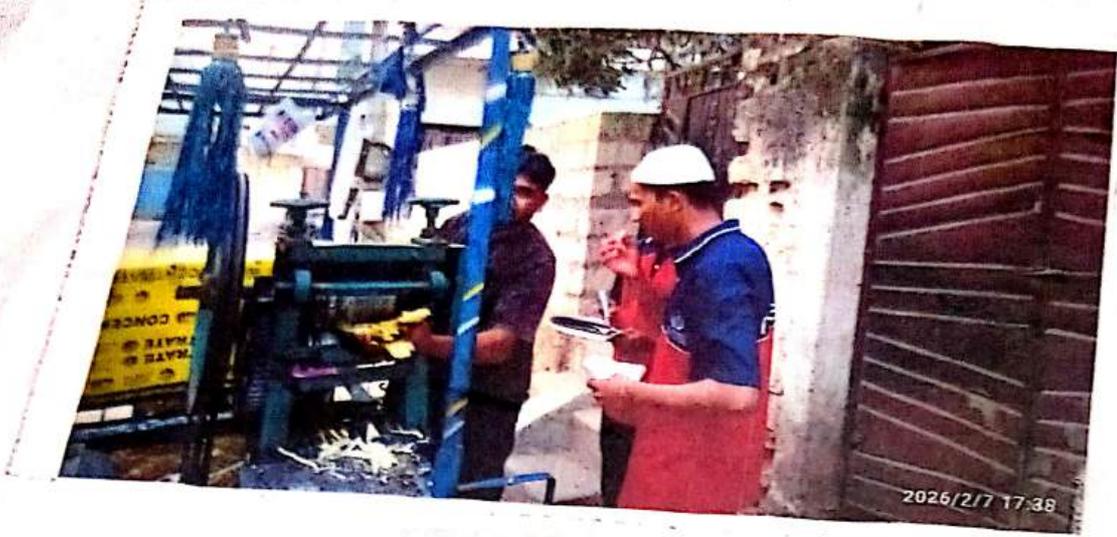
1Q Is there any increase in heat during last 5 or 10 years?

Ans According to him, He said Heats are reducing and colds are increasing.

2Q What new problems they are facing now in their work - Is it affecting their earnings and health;

Ans Yes, due to the change of climate affecting on their work, Earning and Health.





Name:- MD. Shadhab

Age / Gender:- 31 (M)

Profession:- Sugar Cane Juice vendor

Address:- Al-Tubail

1Q Is there any increase in heat during
H last 5 or 10 years?

Ans Not understanding.

2Q What new problems they are
facing now in their work- Is it
affecting their earnings and health;

Ans: Not able to eat food on time
and affecting on daily wages.
Weight losses This are all
due to climate crisis.

Name: BABA

Age/Gender: 40/CM

Profession: Owner Chicken Shop-

Address: Al-Tubail Colony Hyd.

Q1- Is there any increase in heat during the last 5 or 10 years?

Ans: Heats are increasing year by year according to him.

2Q- What new problems they are facing now in their work- Is it affecting their Earning and health.

Ans: Hens are died due to Extreams Heats during Summer it is affecting on their daily Earnings.



Name: Md. Saquib

Age / Gender: (M) 43.

Profession: ~

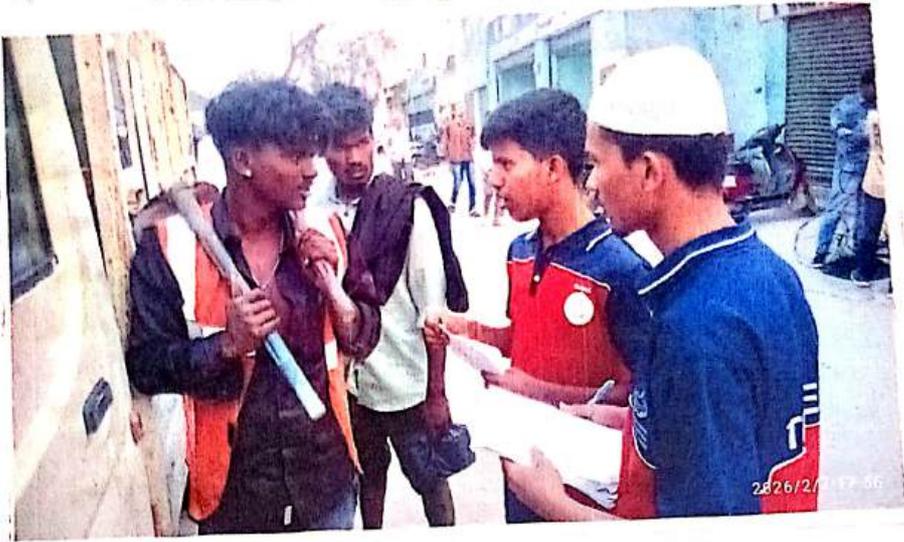
Address: Al-Jubail colony Falaknuma^{Hyd.}

1Q Is there increase in heat during the last 5 or 10 years.

Ans: According to him he said that heats are increasing day by day in during summer.

2Q What new problems they are facing now in their work - is it affecting their earnings & health;

Ans: affect in daily wage and also affected by some viral diseases like cough, cold and fever etc.



Name:~ Sai

Age/Gender:~ 22/CM

Profession:~ Drimage cleaner

Address:~ Al~Dubai Colony-

1Q Is there any increase in heat during the last 5 or 10 years?

Ans- Yes, year by year heats are increasing.

2Q What new problems they are facing now in their work- Is it affecting their earnings and health.

Ans:- Not affecting on health but affecting in daily wages it is reducing due to climate crisis-

Issue

Issue: 03.

Name:- Abdul Quadeer

Age/Gender:- 25 (M)

Profession:- Doctor

Address:- Al-Jubail colony
near Amena Masjid.

In what ways climate change
is affecting people.

Because of the pollution
people will suffer by respiratory
diseases.

What are the main health
problems due to climate change?

Respiratory diseases, Skin infections
are the main health problems
due to climate change. Statement
given by him stay healthy; stay happy.



Issue: 4

Name: Adnan Samir.

Age/Gender:- 24 (M)

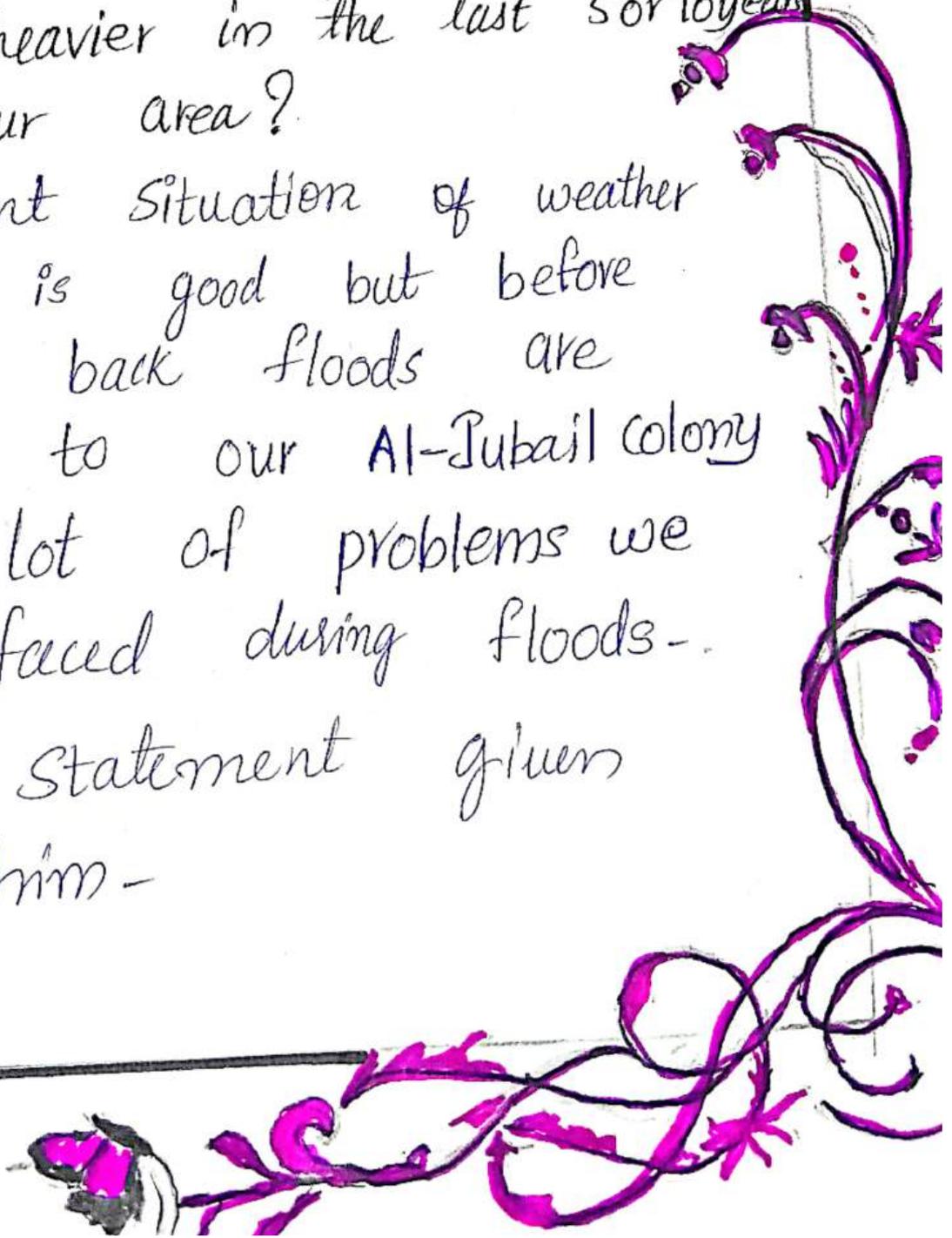
Profession:- Office Employ.

Address:- Al-Tubail colony.

1Q Is the weather getting hotter or rains heavier in the last 5 or 10 years in your area?

Ans Current situation of weather pattern is good but before 5 years back floods are came to our Al-Tubail colony and lot of problems we are faced during floods.

This statement given by him -

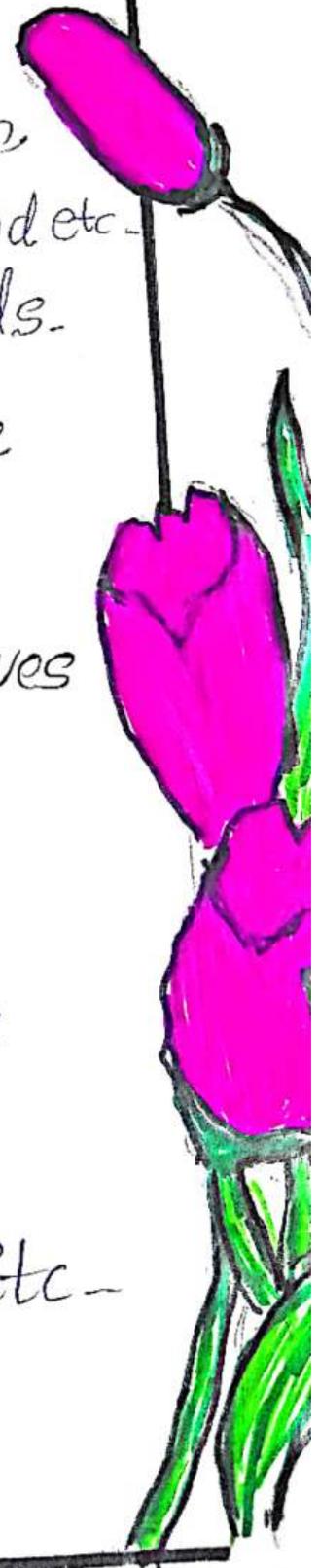


29 What new challenges are people facing due to heat, rain, or floods?

Ans lot of problems people are facing like Transportation, water shortage and lack of food etc. due to heat, rain, or floods.

30 How is your office helping daily wage workers and vendors during heatwaves or heavy rains?

Ans He said that our office help to daily wage workers and vendors, To provide Helment, Sherals, Sweaters Etc-



48

Has there been an increase in diseases or health issues in your constituency due to weather changes?

Yes, Skin infections and Respiratory diseases are has been Increase due to weather changes.



Issue :- 5

Name: Mahesh

Age / Gender:- 26 (M)

Profession:- Pantulu

Address: Chandrayan gutta.

1Q Do you speak to your congregations about Climate Change.

Ans Yes, I speak to my congregations about Climate Change.

2Q Will you start speaking about climate change in your sermons.

Ans Sure I start speaking about climate change in my sermons.

3Q What issues you will raise and what solutions you will recommend.

Ans There are no trees in city but pollution more released from two wheelers cars, bus etc. main reason sins are increased on the earth according to him.

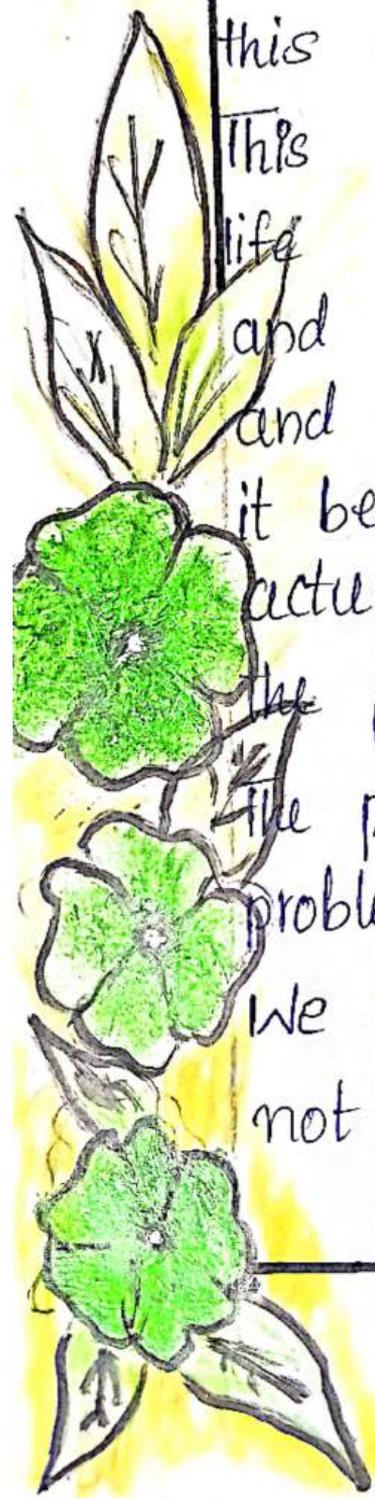
REVIEW OF LITERATURE

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REVIEW OF LITERATURE

From various, books, Internet, Magazines and News paper, etc are the source of information for us to help us create this field Report.

This was first time in our life for linking with society and knowing these problems and feeling casually by reacting it before doing this project actually we can't imagine the painful problems of the society. The problems of the society is the problems for us solve all. We have to focus on solutions not on issues.



Conclusions.

CONCLUSION

After doing a lot of hard work, careful examine we discussed and say that the Government of Telangana has to collaborate with [COVA] Confederation of voluntary Associations And continue doing The ~~Compassate~~ Citizen Ship programme.

We are eager and early for this type of programmes. And we also get lot of different and various types of data type collection like collecting data Analysing and many other types. So we all get Enjoyed. My Team is Experiencing a first time field work and the type of data.

A Knowledge document

Acknowledgement

I would like to take this opportunity to Acknowledgement Every one who has helped us in Every stage of this project.

I am deeply indebted to my favourite Urdu PGIT sir, Mr. Tagiuddin, Shrinivas sir Maths TGT, Art sir Mr. Raj, Nursing officer Fouzia Begum, TGT Science Mr. Ramthaj sir and last in list as well as mentor of this project Mr. Mallesh sir. due to all guidance & suggestions in completion of this project was possible under their guidance & wonderful support.

I am also very thankful to our school, parents and my dear friends who have boosted me up morally with their continuous support.

At last but not least, I am very thankful to **(COVA)** organization for giving us very wonderful and great opportunity to understand society.