

# Perception of People Regarding their Role in Prevention of Global Warming and Plantation of 100 Trees across Kolar Areas of Bhopal Madhya Pradesh on Environmental Day

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## ABSTRACT

The present study has been conducted to know the perception of people regarding their role in prevention of global warming and plantation of 100 trees across Kolar areas of Bhopal district. In order to achieve the objectives Phenomenological research design with qualitative approach was adopted. The selection of the sample was done by convenient sampling. The sample size was 20. The method of data collection was semi structured interview technique. Result shows that the participants had wrong perception regarding their role in the prevention of global warming.

**KEYWORDS:** global warming, perception of people, plantation of trees

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## INTRODUCTION

Global warming is a phenomenon of climate change characterized by a general increase in average temperature of earth, which modifies the weather balances and ecosystems for a long time. Global warming increasing year wise and it reach in extinct level where humanity and all life on earth will end. Scientist mentions that the main role of increasing global warming is the rise of carbon dioxide and cutting the trees. This is why plantation of trees is very important to reduce global warming. Whenever the global warming words we all hear in news we think that why people are like this why they are not aware about global warming why the government allow people to run the factories and cut the tree. We never think what is the role of us to prevent global warming. Each individual had a significant role to prevent global warming. The only way to tackle rapid deforestation is to plant more trees.

### Need for the study

Each year world environmental day provides a new theme and the 2019 theme was beat air pollution. This theme was choosing as air pollution kills about 7 million people annually.

The increase of temperature and climate variation disturbs the ecosystem, plant reproduction, disappearance of many species.

At the pace of current CO<sub>2</sub> emissions, scientists expect an increase of between 1.5 degree and 5.3 degree Celsius in average temperature by 2100. If no action is taken, it would have harmful consequences to humanity and the biosphere. There are several preventive strategies to prevent the distraction of nature through reduce the usage of fossil fuel, producing clean energy, plantation of more trees, prevention of deforestation.

By keeping this view in mind the researchers planned to take the view of people regarding their role in prevention of global warming and plant 100 trees across the Kolar areas, Bhopal on environmental day.

The aim of the study was to assess the view of people regarding their role in prevention of global warming and planting 100 trees across the different areas of Kolar, Bhopal on environmental day.

### Problem statement

**How do people perceive their role in prevention of global warming? A qualitative approach.**

### Objectives:-

To know the view of people regarding their role in prevention of global warming

To plant 100 trees across the Kolar areas of the Bhopal.

Description of the tool

**MATERIALS AND METHODS**

**Research approach**  
Qualitative approach

**Research design**  
Phenomenological design

**Location and duration of the study**  
The study was conducted in Kolar areas of Bhopal, Madhya Pradesh, India.

The data collection done on 5 June 2019 on World environmental day

**Sample**  
The present study was conducted among 20 participants from Kolar areas of Bhopal.

**Sampling technique**  
Non probability convenient sampling technique was found appropriate for the present study.

**Data collection technique and instruments**  
**Data collection instruments:-**  
The instrument used for this study was semi structured interview questionnaire.

The semi structured interview questions has two parts, part I and part II.

Part I: Baseline characteristics.  
The first part consist of six items related to baseline characteristics (age in year, educational qualification, residential area, staying for, awareness about global warming)

Part II: Contain open ended semi structured interview questions on perception of participants regarding their role in prevention of global warming. It consist of 3 questions.

**Ethical consideration:-**  
The researcher had taken consent from the participants prior to the interview.

**Data collection process**  
On environmental day of June 05 the investigator visited the home of 20 participant and obtained consent from them to participate in research study and done interview to know the view of participant regarding their role in prevention of global warming. The purpose of the study was explained to them. Following the interview the researcher plant mango tree in the home environment of each participant and explained their role in prevention of global warming through plantation of trees.

**RESULTS**

**Organization of the study findings**  
The data is analyzed and presented under following headings:  
Section I: Description of baseline characteristics of participants.  
Section II: The view of participants regarding their role in prevention of global warming.

**Section I: Description of baseline characteristics of participants.**

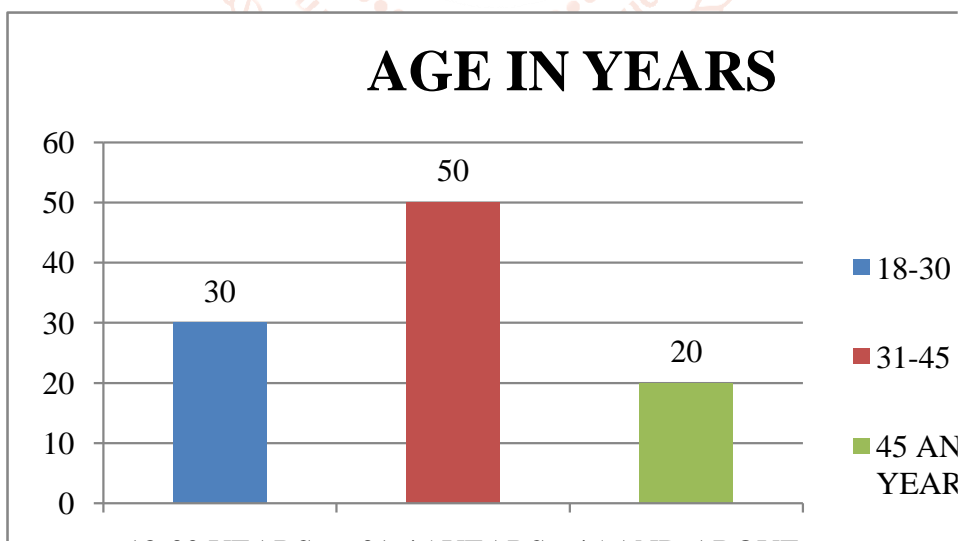


Figure 1: percentage distribution of samples based on age in years.

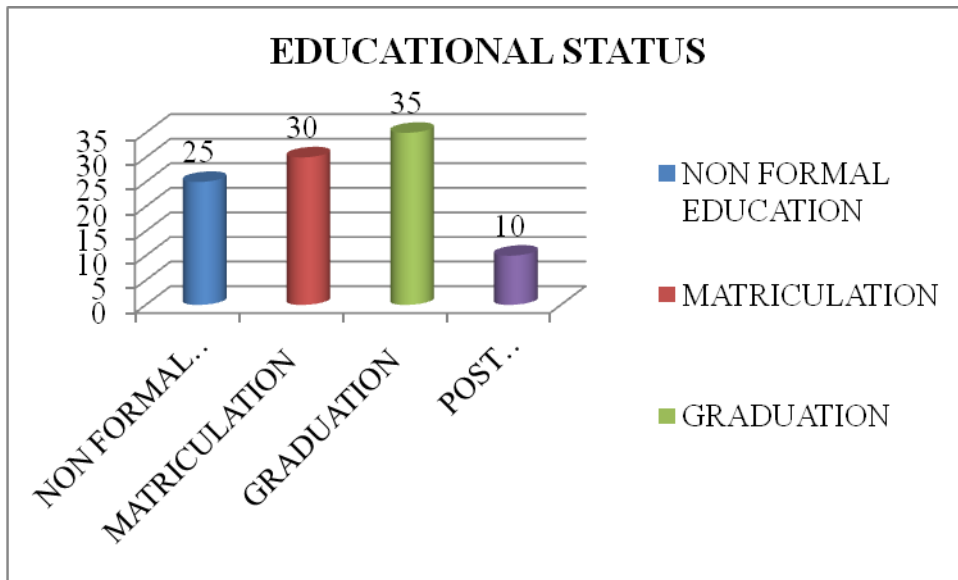


Figure 2: percentage distribution of samples based on educational status

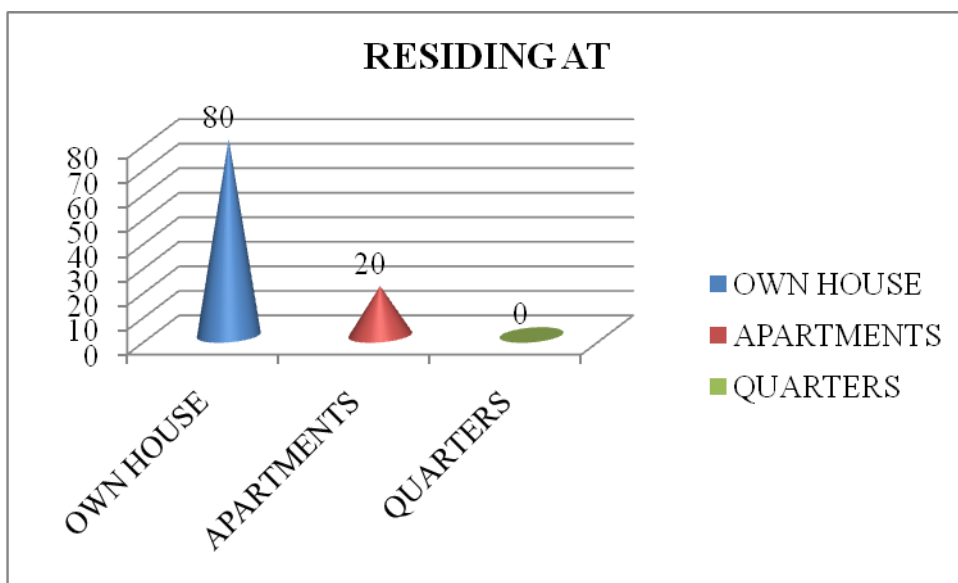


Figure 3:percentage distribution of samples based on residing at

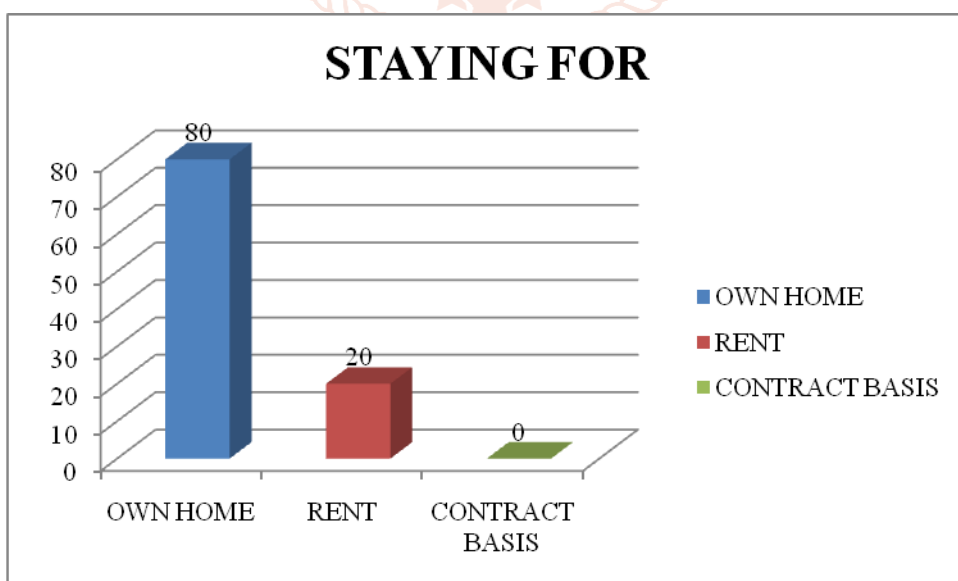
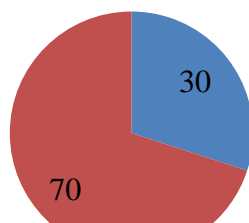


Figure 4:percentage distribution of samples based on staying for

# AWARNESS ABOUT PREVENTION OF GLOBAL WARMING



**Figure 5: percentage distribution of samples based awareness of prevention of global warming**

## Section II: The view of participants regarding their role in prevention of global warming.

The themes formulated for the data collection are:

How can you prevent global warming?

Most of the participant doesn't have any ideas regarding their role in prevention of global warming. Few participant respond that reduce over usage of vehicles use and plantation of trees reduce the global warming.

What measure you taken to prevent global warming?

Most of the participant mentions that they did not do any significant steps till now in their life to prevent global warming. Some of the participant mentions that they never cut any trees in their life.

On environmental day what is your role towards the society to prevent global warming?

Majority of them replied that organize some awareness program regarding the role of people in prevention of global warming.

Results show that the view of participants regarding their role in prevention of global warming was wrong.

## Discussion

Baseline characteristics revealed that majority of participant are between the age of 31-45 years (50%), graduate (35%), staying in their own house (80%) and had no awareness about the prevention of global warming (70%).

To understand the view of participant regarding their role in prevention of global warming the researcher constructed 3 open ended interview questions. The first question was how can you prevent global warming? Most of the participant doesn't have any ideas regarding their role in prevention of global warming. The second question asked was what measure you taken to prevent global warming? Most of the participant mention that they did not done any significant steps till now in their life to prevent global warming and the third question asked was on environmental day what is the role of them towards the society to prevent global warming? And majority of them replied that organize some awareness program regarding the role of people regarding their role in prevention of global warming.

Bu interpreting the view of participant regarding their role in prevention of global warming researcher understood that

the participant had wrong view regarding their role in prevention of global warming thus provided education on their role in prevention of global warming and then along with the participant start the initiation of preventive measure to prevent global warming through planting a tree in the home premises of participant.

The researcher counsel the participant to make other people staying around them also to plant a tree and motivate them to plant at least a tree every year on world environmental day and if they cut trees plant double to prevent reduction of trees thus prevent global warming.

Through this research researcher want to convey the message to the society members that to prevent global warming each and every members of the society had an important role. Most of the people don't aware about their role to prevent global warming and they blame the system and society for increasing global warming. If they plant tree and take care of it as a member of family the world become greenery within years as in ancient times.

## Limitations:

- Study sample was limited to 20.
- Plant only 100 trees on environmental day
- It does not permit generalization.

## Recommendations:-

- A similar study can be undertaken with a large sample.
- Plant more trees every year.
- Assess the view of people regarding further preventive measures taken in their life to prevent global warming.

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