

PROJECT ON

“A study on environmental education and awareness among the students of elementary level.”

(A case study on four schools of south block, Dhansiri sub division, Golaghat district, Assam.)



Submitted in partial fulfilment of the requirement for the 6<sup>th</sup> semester B. A. in education of Dibrugarh University.

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Certificated from the supervision

*This is to certify that the project report entitled "A study on environmental education and awareness among the students of elementary level." Submitted to Dibrugarh University impartial fulfilment for the award of B. A. in education, is an original work carried out by Bimal gogoi, Reg No: S1917066, under the supervision of Mr. Ratul Gogoi, M.A, and M. Phill.*

*The matter embodied in this project is a genuine work done by the student has not been submitted to this university or to any other university/institute for the fulfilment of the requirement of any course of study.*

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# TOPIC

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*'A study on environment education  
and awareness among the students  
of elementary level'*

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## Contents:

Chapter 1: Introduction

Chapter 2: Methodology

Chapter 3: Analysis and interpretation

Chapter 4: Finding of the study

Chapter 5: Conclusion



## Introduction:

- (a) What is environment?
- (b) Why envs education?
- (c) About the important of envs education?

1.1 The word "environment" is derived from the old French word "environer" which means to "surround, enclose, and encircle." Environment refers to an aggregate of conditions or surroundings in which living being such as humans, animals, and plants live or survive and non-living things exist.

All living beings including man and their environment are mutually reactive, affecting each other in a number of ways. It is generally equated with nature where in physical components of the planet earth such as earth, air, water etc- support and affect life in the biosphere. Environment represents the physical components of the earth, where in man is an important factor affecting the environment.

Environment comprises interacting system of physical, biological and cultural elements, which are interlinked individually as well as collectively in various ways.

Environment education refers to organized efforts to teach how natural environment function and particularly, how human beings can manage behavior and ecosystems to live sustainably. It is a multidisciplinary field integrating disciplines such as biology, chemistry, physics, earth, science, atmosphere science, mathematics and geography.

More than just promoting nature, the environment protection agency defines environmental education as "A process that allows individuals to explore environment issues engage in problem-solving and take acting to improve the environment.

Education is the most powerful and dominant influence which one can use to change the world, perhaps proven by many other scholars around the world which is why we need to educate ourselves about the importance of environment education in order to make the world a better place to live in. Before going deep into environment education, we will understand the concept behind it all together.

When we talk about education, it is very important to understand why environmental education is important? Let us remind ourselves that we are responsible for how we shape our environment because only by creating awareness about the harmful effects of environmental damage can help us build a safe and secure future for our children for our future generation.

When we are educated about the environment, we must identify our responsibility as global citizens and make a positive change for planet earth which will help us utilize our resources more efficiently and without harming our environment as well.

About the importance of environmental education are given below:

- (a) Educational achievements: By providing environmental education to students they will engage problem-solving techniques of the outer world to their subjects understand a particular problem by implying outdoor environmental solutions.
- (b) Health benefits: Environmental education gives us a new meaning to exploring mother nature to see and resolve the issues which are harmful to the environment and this will also help them in maintaining their own health by doing physical work so that their bodies will be immune from some serious health issues such as short-sightedness obesity and in some cases even lack concentration.



- (c) Future proof planning: This is one of the issues which we need to deal with because if we don't educate our kids about the hazardous effects of environment damage there will be no future of the world.
- (d) Education in this field will give students a new meaning to problem-solving techniques as they will solve real-work problems, they will also think beyond today for becoming future proof and investigate the situation carefully and take preventive measures in the future for environmental safeguarding.
- (e) Managing teams: Working in teams is another example of environment education as it gives kids a new meaning to solve a certain problem by doing teamwork.
- (f) Producing environmental activist: When we educate students about the environment and motive them to take initiative to project it as a major part of their life they will become actives for the environment and stop others from harming the environment by creating platforms for the awareness of the need and importance of environment education in every part of the society.
- (g) Improving concentration: Now days there are a lot of distraction in a society which diverts the attention of students from their attention of students from their education to some other side. By education them about the environment they will be able to focus more on real world problems of the environment to promote more greenery everywhere.
- (h) Benefit for schools: It is a very beneficial plan for schools because it will help them in promoting real life learning and also help in understanding their surrounding schools can make environmental education as a mandatory subject for every students so that it will help everyone to focus more on different situations of real life.

- (i) Promoting new educational methods: Evs education is more of the responsibility which is to be done every day by students as well as teachers which will encourage them to go out and take practical activities as to how to conserve energy and environmental .It will also help them to explore and learn new innovative techniques that will help them understand conservation more easily.
- (j) Adopting technology: There are various measures that are used by organizations in conserving the environment and also help them in promoting the huge online campaign to create awareness on this matter which will bring people together on the environment education promotion.
- (k) Promoting sustainability: Environment education help in building the natural world gives knowledge and method to solve complex environmental issues which also gives advancement to productive economies and harmony among communities. Being constant in promoting awareness is the key.
- (l) Encouraging more institutions: If more organizations will adopt environmental educations as their priority then there will be more kids as well as adults who will help in conserving the environment and also help in creating more awareness amongst others.

These all are the benefits if we educate students about the importance of environmental education and we should also educate the whole world about it. Education forms the basic of everything in today's world including environment. Environmental education imparts knowledge about the current situation and future prospects of nature.

It teaches people to explore all the problems related to environment and engage in wise ways of preserving it, hence environmental education is important for us.



1.2 Statement of problems: The project on “A study on environmental education and awareness among the students of elementary level”

A case study on four schools of south block, Dhansiri sub-division, Golaghat district, Assam. The study attempts how environmental education among the students towards the environment.

1.3 Objectives of the study:

- (i) To study about the basic knowledge of environment among the students of elementary level.
- (ii) To study about the sense of awareness among the students of elementary level about environment.
- (iii) To study about the positive attitude among the elementary levels students about environment.
- (iv) To study about the sense of responsibility for the environment among the students of elementary level.
- (v) To study about the role of teachers in giving knowledge about environment among the elementary level students.
- (vi) To study about the value of environmental protection among the elementary levels.
- (vii) To overcome the environmental crises.

1.4 Aims of environmental education:

Environmental education needs to increase public awareness on environmental issues and to look for solution for such. It also needs to by the foundations a fully informed and active participation of environment and national use of nature resources.

The main aim of environmental education at the grass root level is succeed in making individual community and understanding the complex natured and the nature build environment.

1.5 Do limitation of the study:



- (i) The study will be confined to bio-physical.
- (ii) This study will be de-limited to Golaghat district.
- (iii) The study will be de-limited up to the elementary level.
- (iv) The study will be de-limited the social science, geography and teachers of elementary level only.

## Methodology

Introduction: This chapter explains the design of presents study. The term methodology refers to the person and one adopts while caring out a project work or research work in order to active the particular specified for once study in this project work investigator follows the described survey method.

2.1 Research design: In order to conduct this study 'Normative survey' or 'Descriptive' survey was adopted. The words survey indicates the gathering of the data of the current conditions. The word normative is use because the survey.

2.2 Selection of the field and the respondents: As we have already mention our study is concern specialty the student of elementary level school. We have selected 40 students among the all students.

Our study concern specially the students of elementary level schools. We have selected 40 students among the all students. The study is concern especially in the students of (i) Dhondacham gari goan L. P. School, Changpul L. P. School, Sishu Kaylan L. P. School and Ratanpur L. P. School. Under the south block of golaghat district for research 10 students have been selected of each school.

SL No	Name of the school	Total students	Selected students	Number of selected students	Number of girls students	Number of boys students
1	Dhondacham gari goan L. P. School	103	lv and v	10	6	4
2	Changpul L. P. School	65	lv and v	10	5	5

3	Sishu Kaylan L. P. School	40	Iv and v	10	4	6
4	Rantanpur L. P. school	45	Iv and v	10	5	5
Total		253		40	20	20

2.3 Variable and hypothesis: In the study 'Matter of variables in concern students are taken dependents variables the social economies status of the students are taken dependents variables.

2.4 Population: In research study, term population is use to mean the aggregate of individual of objects regarding which inference are to be made.

2.5 Selection of synonyms: For the selection of simple among the students only 40 students are selected and stratified random sampling.

2.6 Tools used: After the sample is converted the next step is to collect information regarding the various, aspect of the represent study the nature of information required for study various of the problem such that have to be selected from the unites of study them.



## Analysis and Interpretation

Objective 1: To study about the basic knowledge of environment among the students of elementary level.

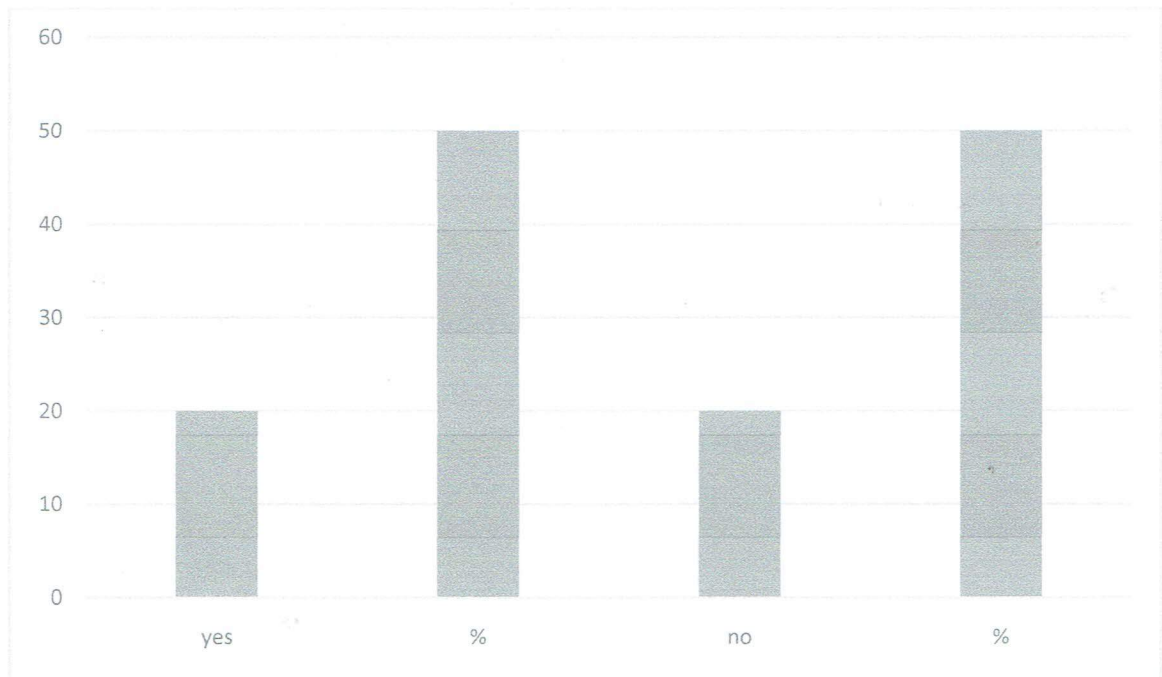
Table: Basic knowledge of environment

SL No	Name of the problems	yes	%	no	%
1	What do you mean by environment?	20	50%	20	50%
2	Do you keep your school and class room clean?	38	95%	2	5%
3	Do you plant tree?	33	82%	7	17.5%
4	Should we destroy trees?	10	25%	30	75%
5	Is there impact of environmental population on living beings?	31	77.5%	9	22.5%
6	Do you use dustbin in your school?	30	75%	10	25%
7	Do you celebrate "World environment day" and "Global and hand washing day" in your school?	34	85%	6	15%
8	Is there important for us to awareness about environment?	34	85%	6	15%
9	Do you have eco-club in your school?	10	25%	30	75%
10	Does your teachers help you to plant trees?	26	65%	14	35%
11	Do you protect our environment from pollution for future generation?	23	57.5%	17	42.5%
12	Do you know how to make things from ordinary things by using their things such as plastic, useless paper, cloths etc.	39	97.5%	1	2.5%

Objectives 3.1: To find out basic knowledge of environment.

Table 3.1:

Name of problems	yes	%	no	%
What do you mean by environment?	20	50%	20	50%



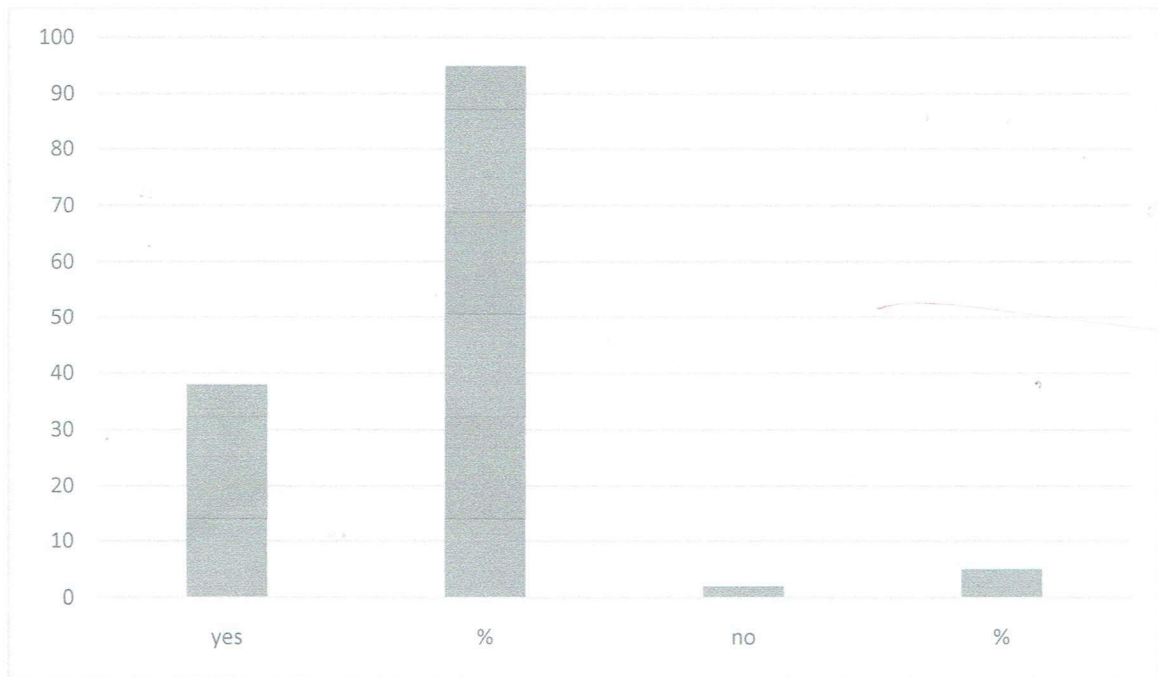
The above table states that 50% of the students opined that they are having basic knowledge about environment where as only 50% opined that don't have basic knowledge about environment.



Objectives 3.2: To find out about the sense of awareness among the students of elementary level.

Table 3.2:

Name of the problem	yes	%	no	%
Do you keep your school and classroom in clean?	38	95%	2	5%

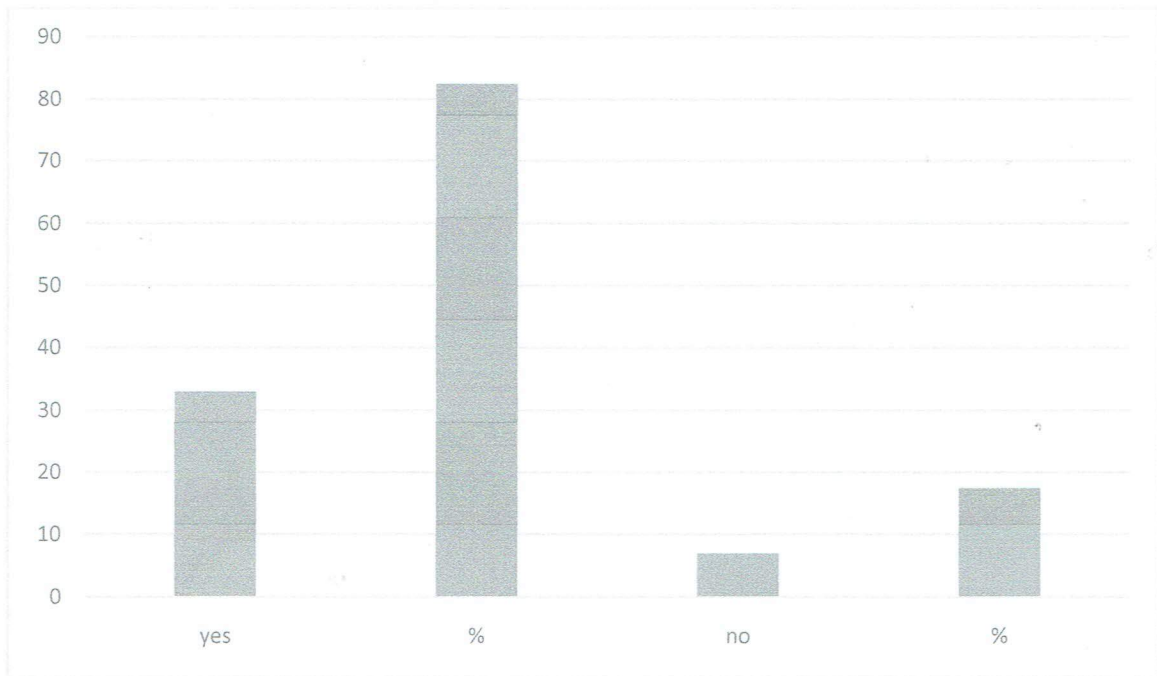


The above table indicates that 95% of the students opined that they have sense of awareness about environment where as 5% opined that they don't have sense of awareness about environment. It is found out majority of the students are having sense of awareness about environment.

Objectives 3.3: To find out about the positive attitude among the elementary level students about environment.

Table 3.3:

Name of the problems	yes	%	no	%
Do you plant tree?	33	82.5%	7	17.5%



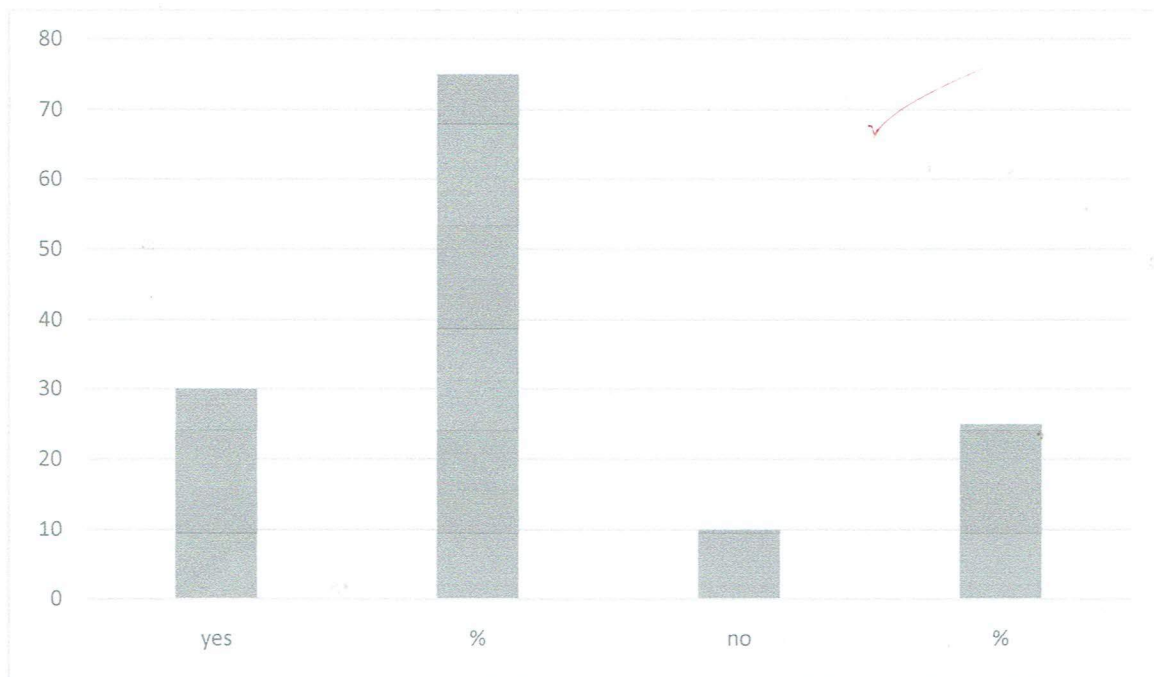
The above table point out that 82.5% of students opined that they have positive attitude about environment where as 17.5% students opined that they don't have positive attitude about environment.



Objectives 3.4: To find out about the sense of responsibility for the environment among the students of elementary level.

Table 3.4:

Name of the problems	yes	%	no	%
Should we destroy trees?	30	75%	10	25%

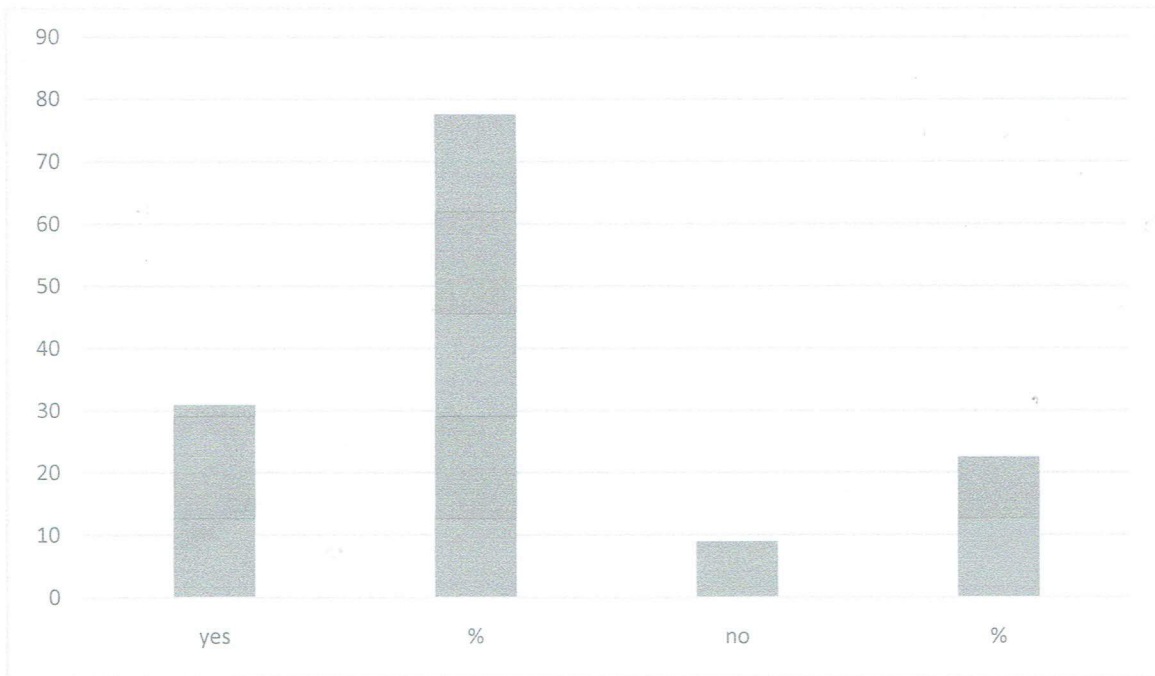


The above table reveals that 25% of the students have the sense of responsibility for the environment where is 75% opined that they don't have sense of responsibility for the environment.

Objectives 3.5: To find out about the sence of teachers in giving knowledge about environment among the elementary level students.

Table 3.5:

Name of the problems	yes	%	no	%
Is there impact of environment population on living beings?	31	77.5%	9	22.5%

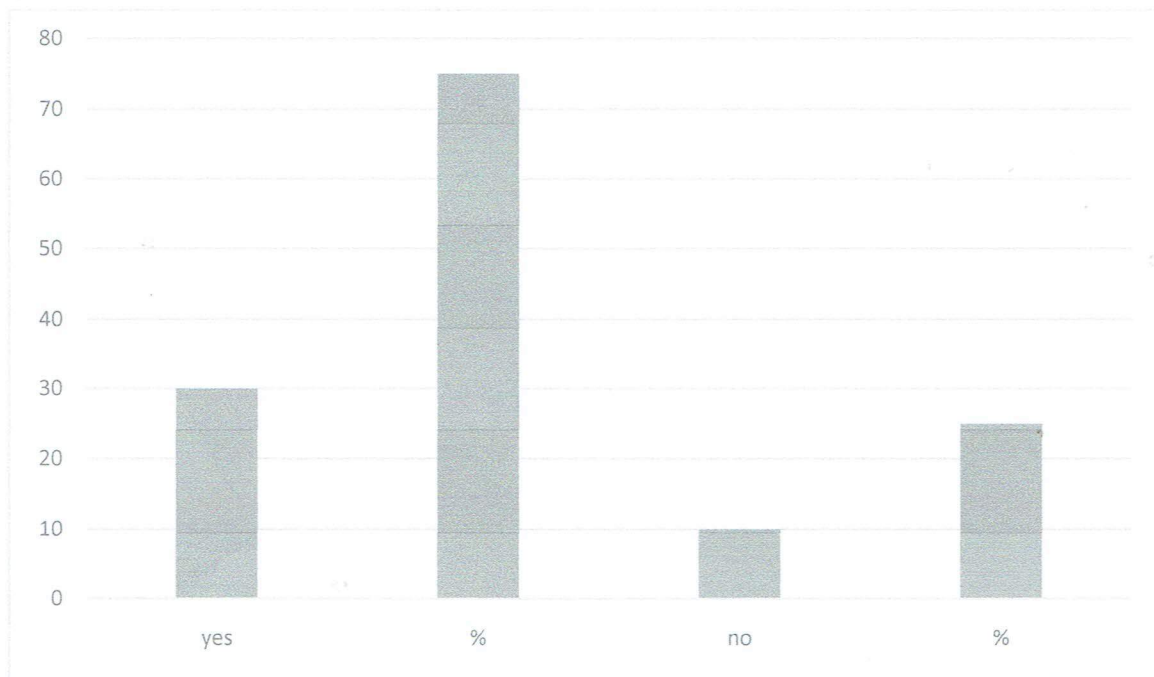


The above table population on living beings reveals that 22.5% of the students of impact of elementary level.

Objectives 3.6: To find out about the value of environment protection among the elementary level.

Table 3.6:

Name of the problems	yes	%	no	%
Do you use dustbin in your school?	30	75%	10	25%



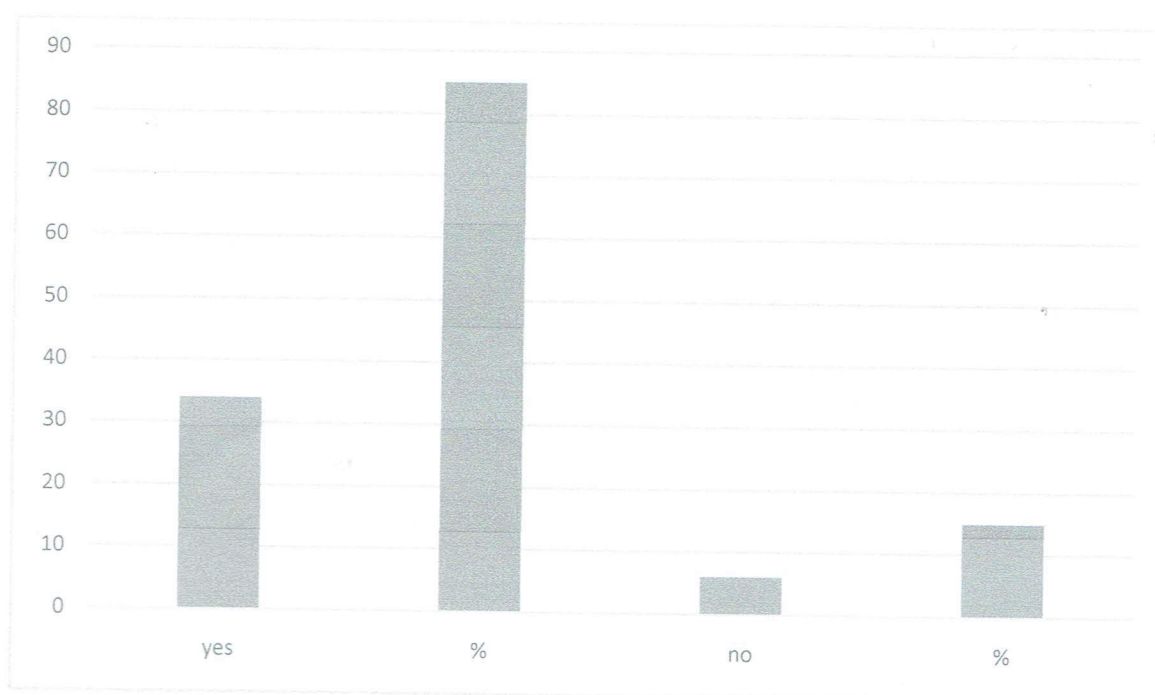
The above table point out that 75% of the students have the sence of value of environment protection. Where is 25% opined that they don't have sence about that. It's found out that majority of the students are having sence of value of environment protection.



Objectives 3.7: To overcome the environment crises.

Table 3.7:

Name of the problems	yes	%	no	%
Do you celebrate "world environment day" and "global and hand washing day" in your school?	34	85%	6	15%

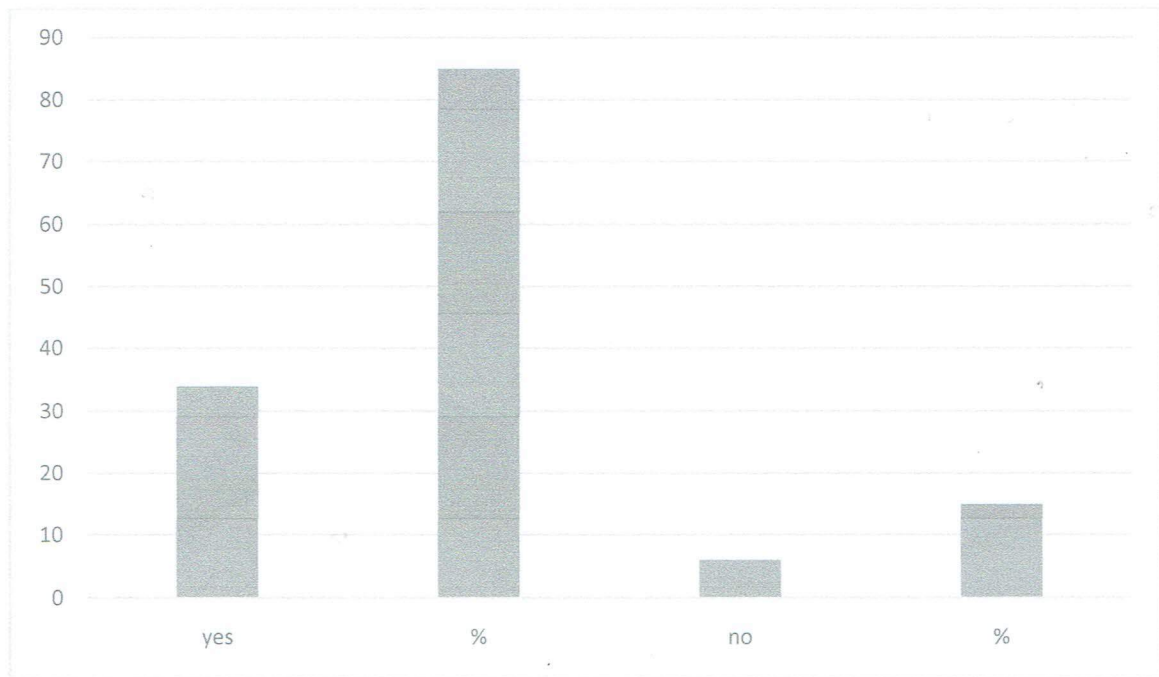


The above table find out that 85% of students opined that they celebrate "World environment day" and "Global and hand washing day" in their school and 15% opined that they don't have any knowledge about that.

Objectives 3.8: To find out about important for us to awareness about environment?

Table 3.8:

Name of the problems	yes	%	no	%
Is there important for us to awareness about environment?	34	85%	6	15%

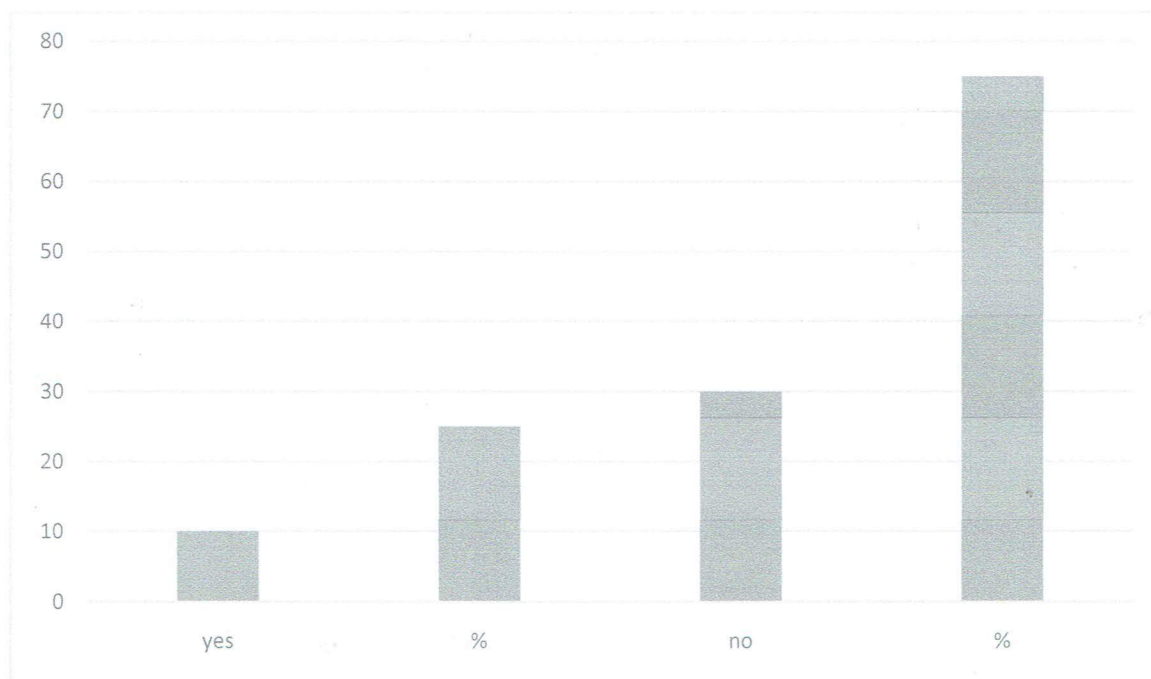


The above table reveals that 85% of the students opined that they know about important to awareness about environment. Where is only 15% students opined that they don't have any knowledge about that. It is found out from the data majority of the students are having sence about important of education for us to awareness about environment.

Objectives 3.9: To find out about eco-club in elementary schools?

Table 3.9:

Name of the problems	yes	%	no	%
Do you have eco-club in your school?	10	25%	30	75%

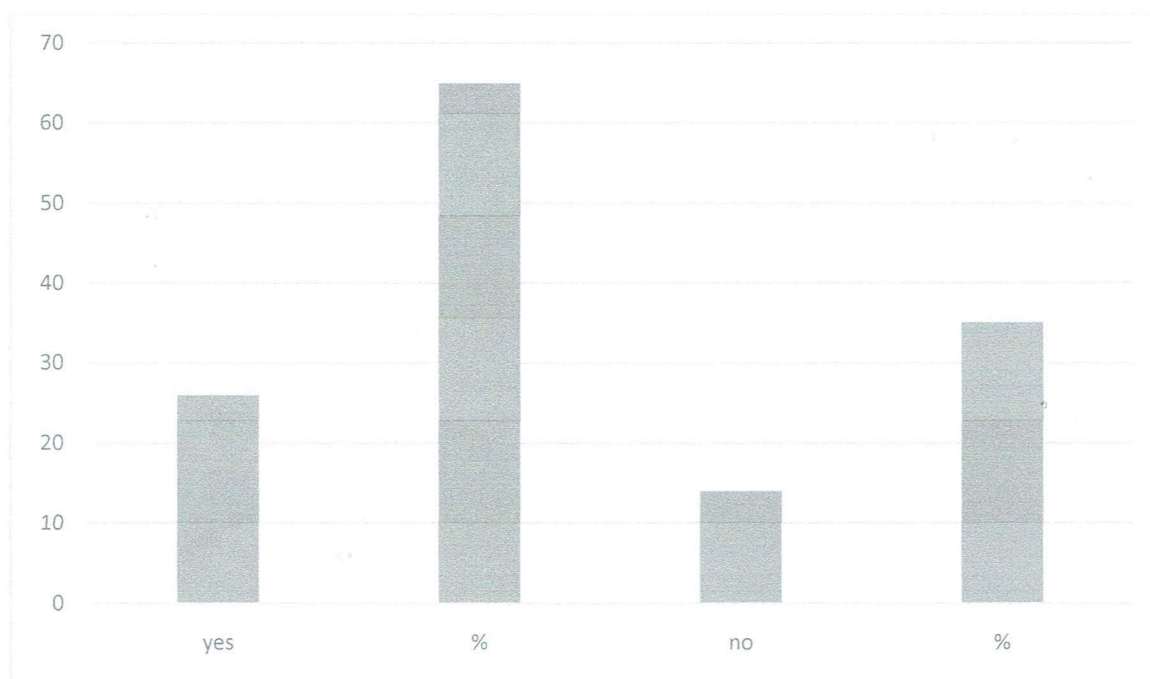


The above table reveals that 25% of the students opined that they have eco-club in their school. Where is 75% students don't know about eco-club. It is found out from the data that majority of the students are known about eco-club.

Objectives 3.10: To find out about the role of teachers to help students to plant trees clear school and garden?

Table 3.10:

Name of the problems	yes	%	no	%
Does your teachers help you to plant trees clear school and garden?	26	65%	14	35%



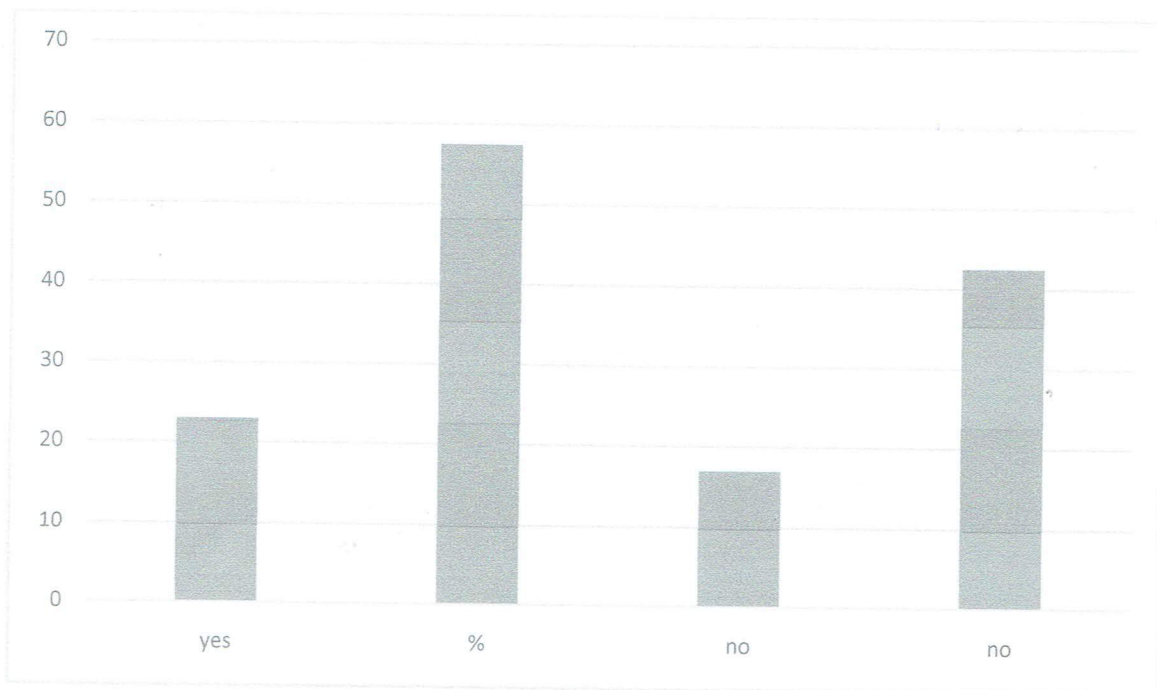
The above table reveals that 65% of students opined that their teacher help them to plant trees, clear school and garden. Where as only 35% students on fever of their teachers doesn't help them.

It is found out from the table that majority of student on in fever of their teachers help them to plants trees, clear school and garden.

Objectives 3.11: To find out about protect our environment from pollution for future generation.

Table 3.11:

Name of the problems	yes	%	no	%
Do you protect our environment from pollution for future generation.	23	57.5%	17	42.5%



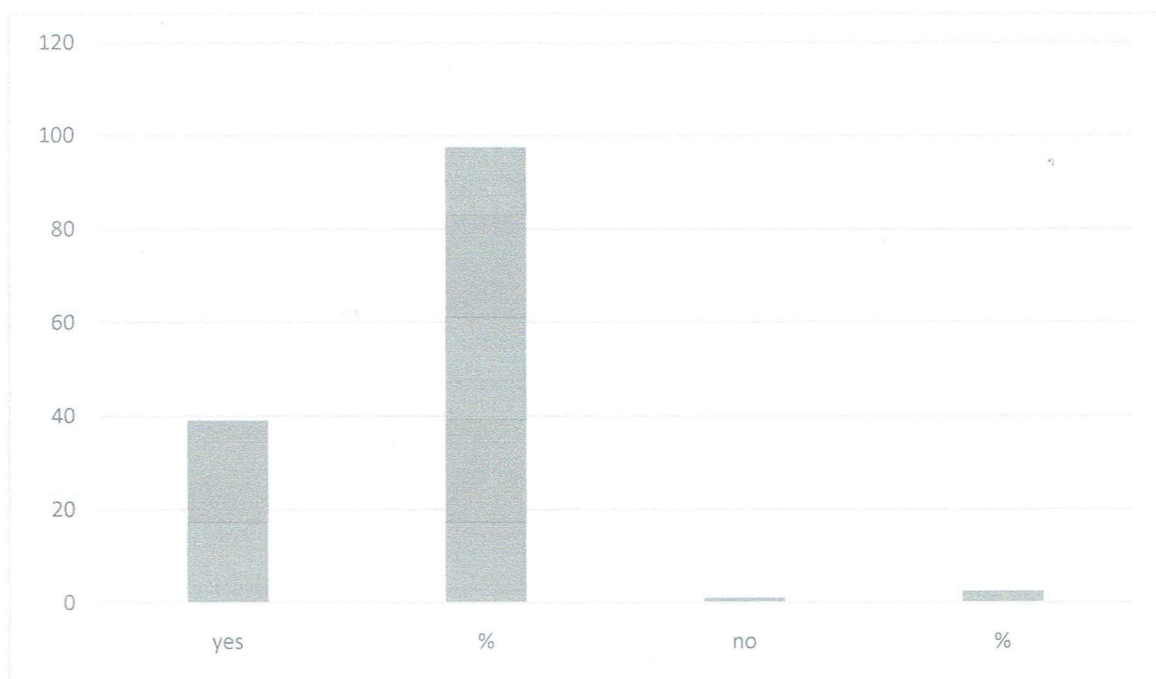
The above table reveals that 57.5% of the students opined about fever of protect our environment from pollution for future generation. Where as 42.5% students don't know about that.



Objectives 3.12: To find out about how many students knows to make new things from ordinary things by using their such as plastic, useless paper, cloths etc.

Table 3.12:

Name of the problems	yes	%	no	%
Do you have knew how to make new things from ordinary things by using their things such as plastic, useless paper, cloths etc.	39	97.5%	1	2.5%



The above table reveals that 97.5% of the students opined that they know how to make new things from ordinary things by using their such as plastic, useless paper, cloths etc. Where as 2.5% students don't know about that. It is found out majority of students knows to make now new things for from ordinary things.

## Chapter: 4

### Findings of the study

Introduction: On the basic analysis and interpretations of data following are treated as major findings of this study.

#### (1) Basic knowledge of environment

Objectives: To study about the basic knowledge of environment among the students elementary level from the study it is found out that 50% of students have the basic knowledge about environment and only 50% students have no basic knowledge. The students are response very positively. They try acquiring basic knowledge about environment.

#### (2) Sense of awareness about environment:

Objectives: To study about the sense of awareness among the students about environment.

From the study it is found that 95% of students have the sense of awareness about evs and only 5% students have not the sense of awareness about evs. In this study it is found out that the awareness of students towards the evs is just satisfactory in their age group.

#### (3) Positive attitude about environment:

Objective: To study about the positive attitude among the elementary level students about evs.

From the study it is found out that 82.5% of students have the positive attitude about evs and only 17.5% students haven't the positive attitude about evs.

In this study it is found out that the positive attitude of students towards the evs is satisfactory in their age group.

#### (4) Sense of responsibility for the evs.

Objectives: To study about the sense of responsibility for the evs among the students of elementary level.

From the study it is found out that 75% of students have the sense of responsibility about evs and only 25% of students haven't the sense of responsibility about evs.

In this study it is found out that the sense of responsibility of students towards the evs is satisfactory in their age group.

#### (5) Role of teachers in giving knowledge about evs.

Objectives: To study about the role of teachers in giving knowledge about evs among the elementary level students.

From the study it is found out that 77.5% of the students opined there is impact of environment population on living beings where as only 22.5% of students opined that there is no impact of environment population on about environmental population from the teachers.

#### (6) Value of environmental protection.

Objectives: To study about the value of evs protection among the elementary level students.

From the study it is found out that 75% of the students have the sense of value of environmental protection and only 25% of students haven't any sense of value of environmental protection.

In this study it is found out that the sense of value of students towards the evs protection is satisfactory in their age group.

#### (7) To overcome the environmental crises.

Objectives: To overcome the environmental crises from the study it is found out that 85% students opined that they celebrate "world environmental day" and "global and hand washing day" in their



school to overcome the environment crises. Where as 15% of the students opined that they don't know about that. In this study it is found out that they try to overcome the environmental crises.

(8) Important for us to awareness about environment.

Objectives: To study about important for us to awareness about environment.

From the study it is found out that 85% of the students opined that they know about the important awareness about envs. Where as only 15% opined that they haven't any sense about that. It is found out from the study that the sense of "important awareness" students towards the envs is satisfactory in their age group.

(9) Eco-club in elementary schools.

Objectives: To study about eco-club in elementary schools.

From the study it is found out that 25% of the students knows that they have eco-club in their schools. Where as only 75% of students opined that they don't know about eco-club. In this study it is found out that majority of the students knows about eco-club. In terms it is satisfactory in their age group.

(10) Role of teachers to help students to plant trees, clear school and garden.

Objectives: To study about the role of teachers help students to plant trees, clear school and garden.

From the study it is found out that 65% of the students opined that their teachers are helpful them to plant trees, clear school and garden. Whereas only 35% students opined that their teachers doesn't help them. It is found out from the study that majority of students in fever of their teachers help them to plant trees, clear school and garden.

(11)Protect our environment from pollution for future generation.

Objectives: To study it is found out that 57.5% of the students opined in fever of protect their environment from pollution for future generation. Whereas 42.5% students don't know about that. It is found out that the more students try to protect their evs from pollution for their future generation.

(12)How many students knows to make new things from ordinary things by using their such as plastic, useless paper, cloths etc.

Objectives: To find out about how many students are knows to make new things from ordinary things by using their such as plastic, useless paper, cloths etc.

From the study it is found out that 97.5% of students knows to make new things from ordinary things by using their such as plastic, useless paper, cloths etc. Whereas only 2.5% opined that they don't know to make new things from ordinary things.

It is found out that majority of students are found creative. It is satisfactory result in their age group.

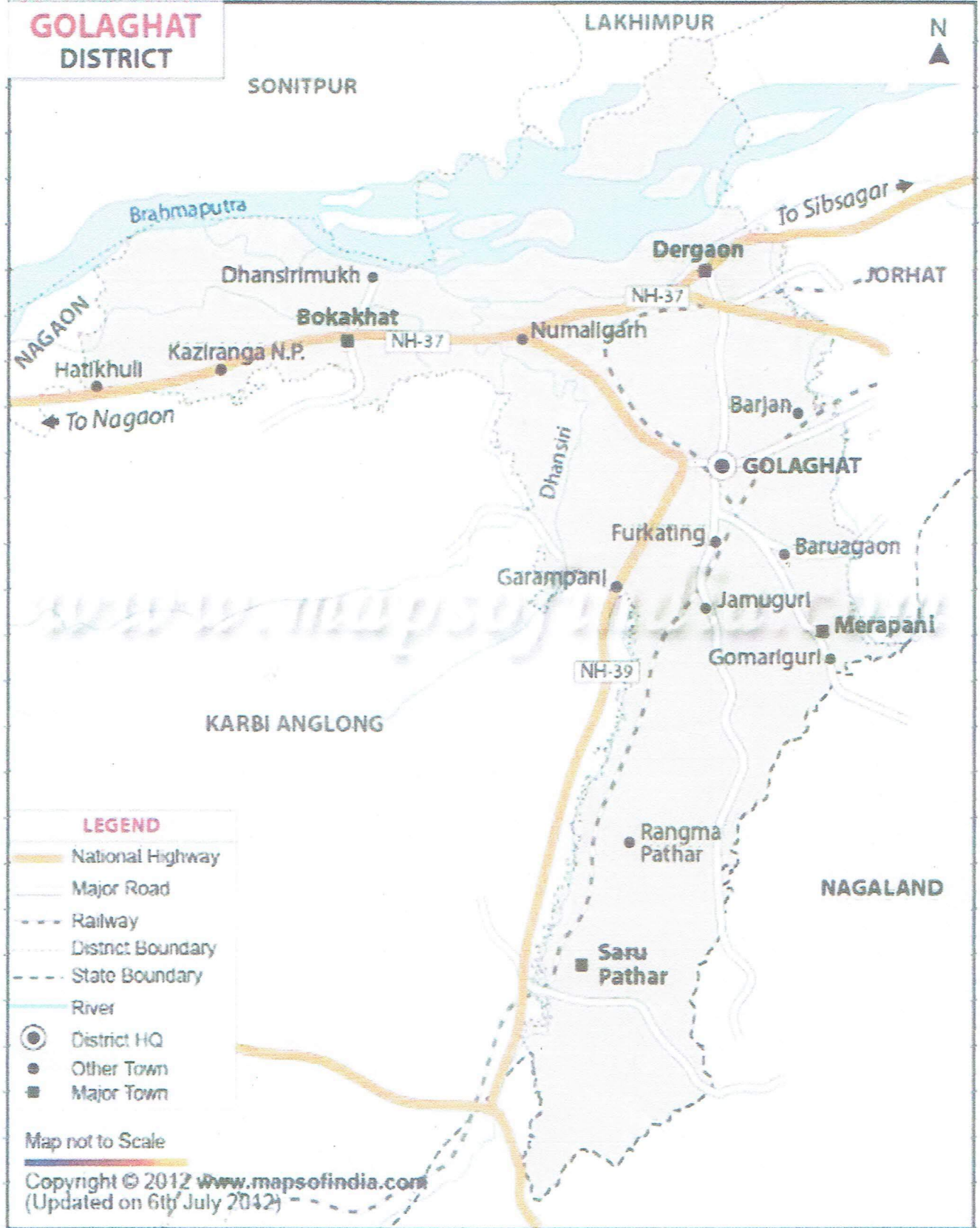


## Conclusion

We know that certain environmental conditions like air, water and food are essential for man's survival apart from their availability. Their quality and quantity must be assured according to man's natural acquired capacity for sustenance progress in industrialization has brought environmental hazards such as air, water, noise pollution. These have caused many health problems diseases.

- (i) Environmental pollution is causing a lot of distress not only humans but also animals, driving many animal species to endangerment and even extinction.
  - (ii) The trans boundary nature of environmental pollution makes it even more difficult to manage it. We cannot build bricks walls along the borders of our country or put customs cabins at every point of entry to regulate its flows into our country.
  - (iii) Everything on our planet is inter connected and the nature supplies us with valuable environmental services without which we cannot exist, we all depend on each other's actions and the way we treat natural resources.
  - (iv) It's widely recognized that we are hugely overspending our current budget of natural resources at the existing rates of its exploitation. There is no way for the environment to recover in good time and continue performing well in the future.
  - (v) Perhaps we should adopt a holistic view of nature. It is not only entity that exists separately from us. The nature is us, we are an inalterable part of it, and we should care for it the most appropriate manner only. Then can we possibly solve the problems of environmental pollution.
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# GOLAGHAT DISTRICT



### LEGEND

- National Highway
- Major Road
- Railway
- District Boundary
- State Boundary
- River
- District HQ
- Other Town
- Major Town

Map not to Scale

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