

# TITLE OF THE PROJECT

"A Study of Environmental education and awareness among the students of elementary level"

(A case study on four schools of Bokajan block of Karbi Anglong district, Assam)



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

Project Submitted by –

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B.A. 6<sup>th</sup> Semester,

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Under the Supervision of assistant professor –

Mr. Ratul Gogoi

Department of Education, Barpathar College

Golaghat, Assam

2022 Year.

*Verified*  
*[Signature]*

## Certification from the Supervision

This is to certify that the project report en-titled "A Study on Environment Education and Awareness among the students of elementary level". Submitted to Dibrugarh University impartial fulfilment for the award of BA in Education, is a original work carried out by Miss Nang Kimkham Shyam, Reg. Number- 81 91 7132 , under the supervision of Mr. Ratul Gogoi, MA, M.Phil.

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

  
RATUL GOGOI  
ASSISTANT PROFESSOR  
Dept. of Education  
BARPATHAR COLLEGE

Nang Kimkham Shyam

Signature of learner

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Signature and Seal of Supervisor

## ACKNOWLEDGEMENT

The main inspiration behind the task of preparing this project report which it would not have been possible for me to carry out the job, satisfactory, is the since and sympathetic guidance, constant supervision, creative criticism and intense interest of Mr. Ratul Gogoi (M.A., M.Phil.), Department of Education, Barpathar College. I can't deny my independence to the respected sir and thereby it is my sense of gratitude and thanks to him for taking a lot of troubles with me.

It is duty to express my gratitude to all those who have help me in preparing this project report. My thanks are due to friends and well wishers, without who encouragement the project report would not have appeared. I am indebted to all those friends and wishers of mine who have given valuable suggestions in this venture. My sincere thanks to my respected professor Mr. Ratul Gogoi and my dearest friend in this project report.

Place: Barpathar

Date: 07.07.2022

Nang Kim Kham Shyam  
Signature of the Candidate

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QUESTIONNAIRE FOR STUDENTS

NAME OF THE STUDENTS:

NAME OF THE SCHOOL:

CLASS:

Q.1 What do you mean by Environment?

Q.2 Do you keep yours school and classroom clean? Yes/No

Q.3 Do you plant tree? Yes/No

Q.4 Should we destroy tress? Yes/No

Q.5 Is there impact of environment population on living being? Yes/No

Q.6 Do you use dustbin in your school? Yes/No

Q.7 Do you celebrate "World Environment Day" and "Global and Hand Washing Day" in your school? Yes/No

Q.8 Is there important for us to awareness about environment? Yes/No

Q.9 Do you have eco-club in your school? Yes/No

Q.10 Does your teachers help you to plant trees, clean school and garden? Yes/No

Q.11 Do we protect our environment from pollution for future generation? Yes/No

Q.12 Do you know how to make new things from ordinary things by using their things such as plastic, useless paper, clothes etc.? Yes/No

To,

The Head Master

[School Name]

Sub:- Seeking permission for data collection for project work.

[Through the Supervisor]

Sir,

With due respect and humble submission i beg to intimate you that i am going to collect data for project work from your school to complete my graduation under Dibrugarh University in the year 2022.

Therefore, i request you to kindly permit me to collect data from students of your school.

Thank You

Yours faithfully

Nang Kimkham Shyam

B.A. 6<sup>th</sup> Semester

Barpathar College

# CHAPTER-1

## 1.1 Introduction:-

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 human beings, animals and plants live or survive and non-living things exists.

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

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

Environmental education refers to organised efforts to teach how natural environments function and particularly how human beings can manage behaviour and ecosystems to live sustainably. It is a multi disciplinary field integrating disciplines such as biology, chemistry, physics, ecology, earth science, atmosphere science, mathematics and geography.

More than just promoting nature, the Environmental Protection Agency defines environmental education as "A process that allows individuals to explore environmental issues engage in problem solving and take action to improve the environment"

Education is the most powerful and dominant influence which one can use to change the world perhaps proud by many others scholars around the world which is why we need educate ourselves about the importance of environmental education in order to make the

world a better place to live in. Before going deep into environmental education, we will understand the concept behind it all together.

When we talk about environment 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 secure future for our children for our generation.

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

About the importance of environmental educations 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 to understand a particular problem by implying outdoor environmental solutions.
- (b) Health benefits:- Environmental education gives us a new meaning to exploring to see nature and resolve the issues which are harmful to the environment and this will also help them in maintaining 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 kids about the hazardous effects of environmental 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 world 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 team is another example of environmental education as it gives kids a new meaning to solve a certain problem by doing teamwork.

(f) Producing environment activist:- When we educate students about the environment and motivate them to take initiative to project it as a major part of their life they will become activist for the environment and stop others from harming the environment by creating platforms for the awareness of the need and importance of environmental education in every part of the society.

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 basis of everything in today's world including environment. Environmental education imparts knowledge about the current situation and future prospect of nature. It teaches people of 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 Environment Education and Awareness among the students of elementary level".

A case study on four schools of Bokajan block of Karbi Anglong District, Assam. The study attempts how environmental education develops among the students toward the environment and society.

1.3 Objective 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 students of elementary level 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 of environment among the elementary level students.
- VI. To study about the value of environmental protection among the students of 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 lay the foundation of fully informed and active participation of individual in the protection of environment and national use of the nature build environment.

1.5 Delimitation of the study:-

- I. The study will be confined to bio physical only.
- II. The study will be de-limited to Karbi Anglong District.
- III. The study will be de-limited upto the elementary level.
- IV. The study will be de-limited the social science, geography and teachers of elementary level only.

## CHAPTER-2

### METHODOLOGY

2.0. Introduction:- this chapter explains the design of presents study. The term methodology refers to the process and procedures one adopts while carrying out a project work or research work. In order to achieve the particular specific for one study. In this project work investigator follows the descriptive survey method.

In this chapter an attend has been made to presents the details of steps taken to carry out the project work.

2.1. Research Design:- In order to conduct this study “normative survey” or descriptive survey” was adopted. The word survey indicates the gathering of the data of the current condition. The word normative is use because the survey is frequently to ascertain the normal condition or practice.

2.2. Selection of the field and the respondents:- As we have already mention our study is concern specially the students of elementary level schools. We have selected 40 students among all students of the schools. The study is concern specially in the students of Ahomoni L.P. School, TingBosti L.P. School, Purana Silonijan L.P. School, Silonijan Govt. L.P. School under the Bokajan block of Karbi Anglong district, Assam. For research purpose students have been selected among the students of Ahomoni L.P. School of class IV and V, TingBosti L.P. School of class IV and V, Purana Silonijan L.P. School of class IV and V, Silonijan Govt. L.P. School of class IV and V.

Table:-

Sl. No.	Name of School	Total Students	Selected Students	No. Of selected students	No. Of selected boys	No. Of selected girls
1	Ahumoni L.P. School	19	IV and V	10	5	5
2	Tingbosti L.P. School	19	IV and V	10	5	5
3	Purna Silonijan L.P. School	88	IV and V	10	5	5
4	Silonijan Govt. L.P. School	88	IV and V	10	5	5

Total = 222

2.3. Variable hypothesis:- In this study matter of variables in concern students are taken dependent variables. The socio-economic status students are taken dependent variables.

2.4. Population:- In research studies term population is use to mean the aggregate of individuals or objects regarding which inferences are to be made. A population in any group of individuals that one or more characteristics in common that are of interest research.

The population of present studies cover all the students of elementary school under Bokajan, Karbi Anglong District, Assam.

2.5. Selection of sample:- For the selection of sample among the students only 40 students are selected and stratified random sampling method is use, where is students has an equal chance of selection as a sample.

2.6. Tools used:- After the sample is constructed the next step is to collect information regarding the various aspect.

## CHAPTER-3

## ANALYSIS AND INTERPRETATION

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

Table 1.1:- Basic knowledge of environment.

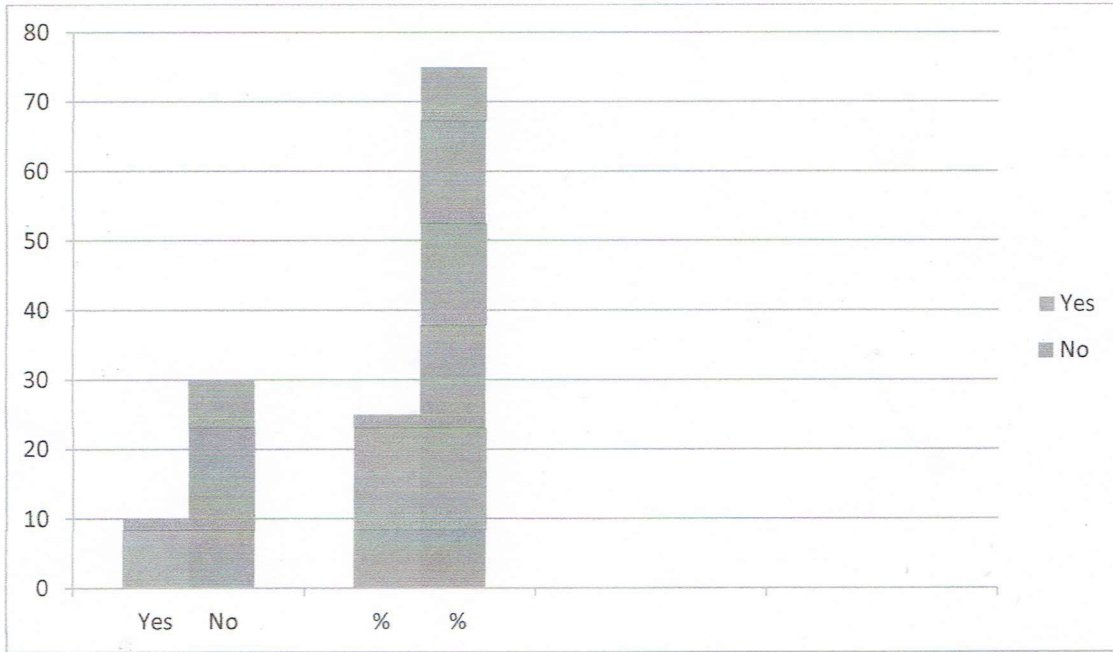
Sl. No.	Name of the problems	Responses			
		Yes	%	No	%
1.	What do you mean by environment?	10	25%	30	75%
2.	Do you keep your school and classroom clean?	40	100%	0	0%
3.	Do you plan tree?	37	92.5%	3	7.5%
4.	Should we destroy trees?	31	77.5%	9	22.5%
5.	Is there impact of environmental population on living beings?	11	27.5%	29	72.5%
6.	Do you use dustbin in your school?	36	90%	4	10%
7.	Do you celebrate "World Environment Day" and "Global and Hand Washing Day" in your school?	38	95%	2	5%
8.	Is there important for us to awareness about environment?	13	32.5%	27	67.5%

9.	Do you have eco-club in your school?	31	77.5%	9	22.5%
10.	Does your teachers help you to plant trees, clean school and garden?	38	95%	2	5%
11.	Do we protect our environment from pollution for future generation?	19	47.5%	21	52.5%
12.	Do you know how to make new things from ordinary things by using their things such as plastic, useless paper, clothes etc.?	14	35%	26	65%

Objective 2:-To find out basic knowledge of environment.

Table 2.1

Name of problems	Response			
	Yes	%	No	%
Items				
What do you mean by environment?	10	25%	30	75%



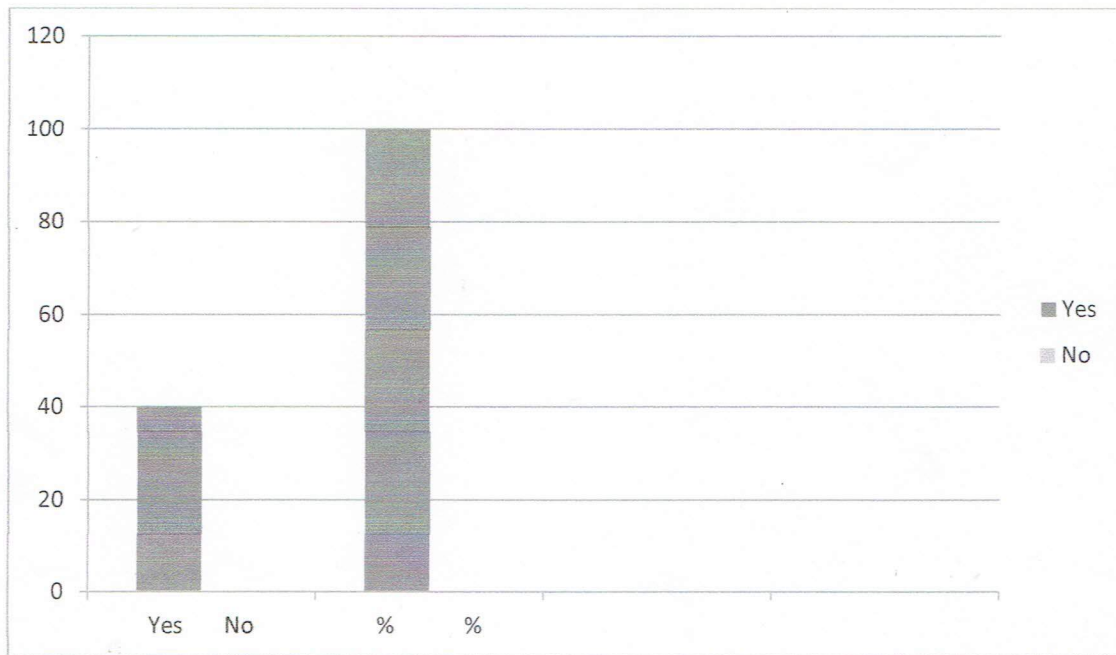
The above table states that 25% of the students opinion that they are having basic knowledge about environment where as only 75% opinion that they don't have basic knowledge about environment. It is found out from the table the 25% students are found in have basic knowledge about environment and 75% students are not found their basic knowledge about environment.

Objective 3:- To find about the sense of awareness among the students of elementary level.

Table:-

Name of the Problems	Response			
	Yes	%	No	%
Do you keep your school and classroom clean?	40	100	0	0



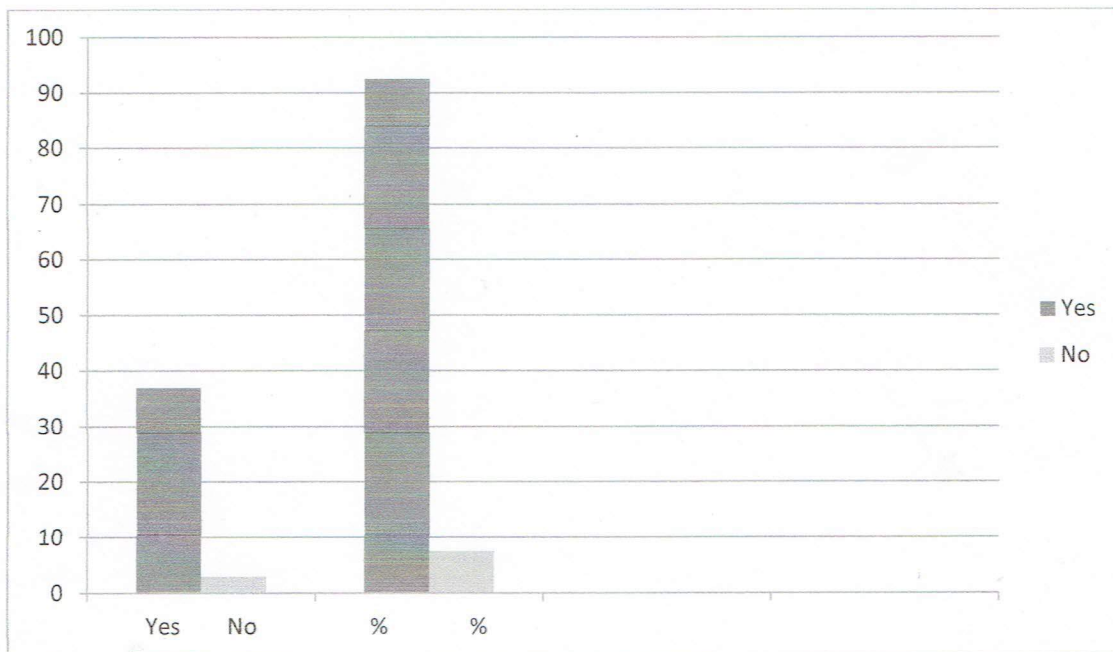


The above table indicates that 100% of the students opinion that they have sense of awareness about cleanliness. No students are left without the knowledge of cleanliness. 0% students show that not a single student is without the sense awareness about cleanliness. Hence all the students have sense of awareness of how to keep their school and classroom clean.

Objective 4:- To find out the positive aspect among the students at elementary level about environment.

Table:-

Name of the problems	Response			
	Yes	%	No	%
Do you plant trees?	37	25	3	75

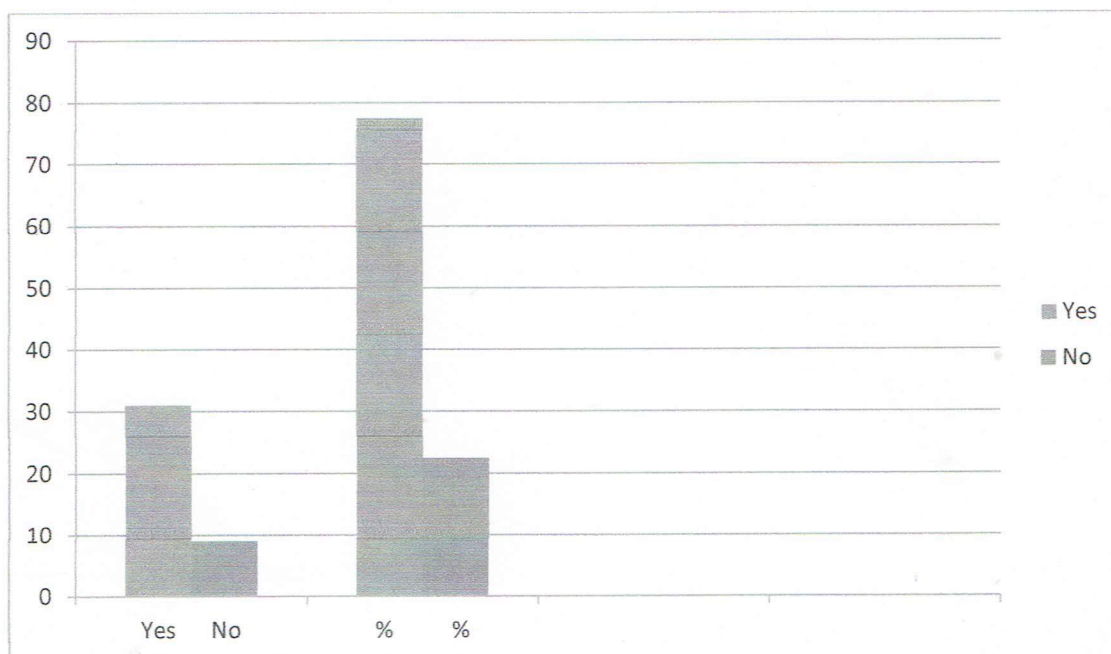


The above table point out that 92.5% of student opinion that they have positive attitude about environment where as only 7.5% students opinion that they don't have positive attitude about environment.

Objective 5:- To find out about the sense of responsibility among the students of elementary level for the environment.

Table 5.1:-

Name of the problems	Response			
	Yes	%	No	%
Items				
Should we destroy trees?	31	77.5	9	22.5

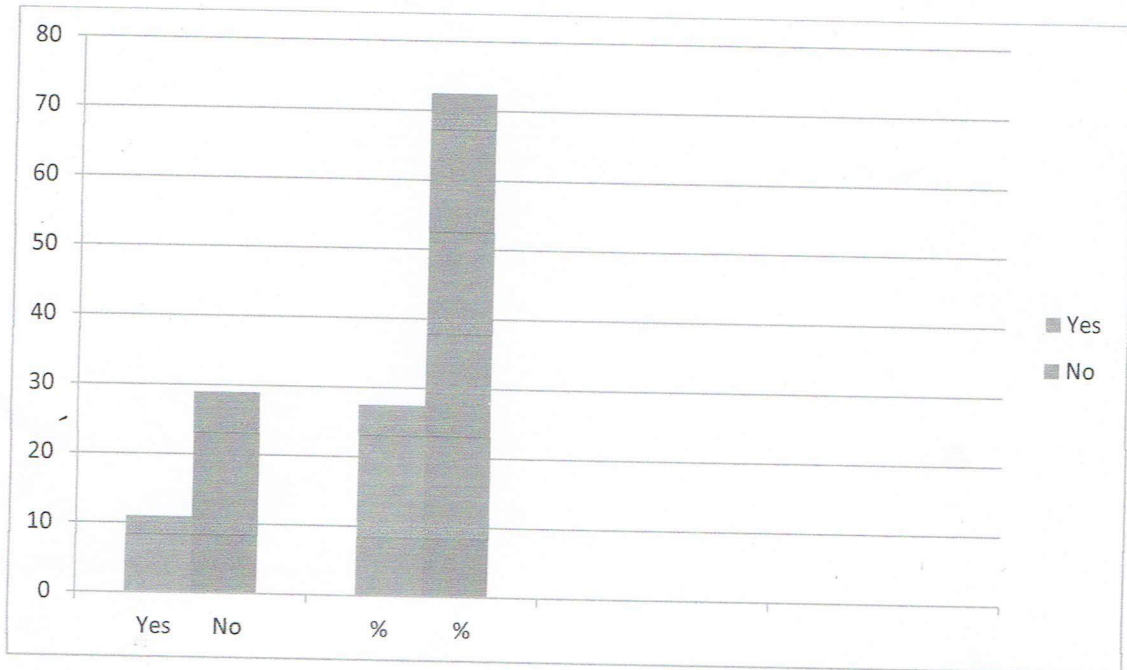


The above the table reveals that 22.5% of the students have the sense of responsibility for the environment whereas 77.5% opined that they don't have sense of responsibility for the environment.

Objective 6:- To find out the role of teachers in giving knowledge about environment among the elementary level students.

Table 6.1:-

Name of the problems	Response			
	Yes	%	No	%
Items				
Is there impact of environment population on living beings?	11	27.5	29	72.5

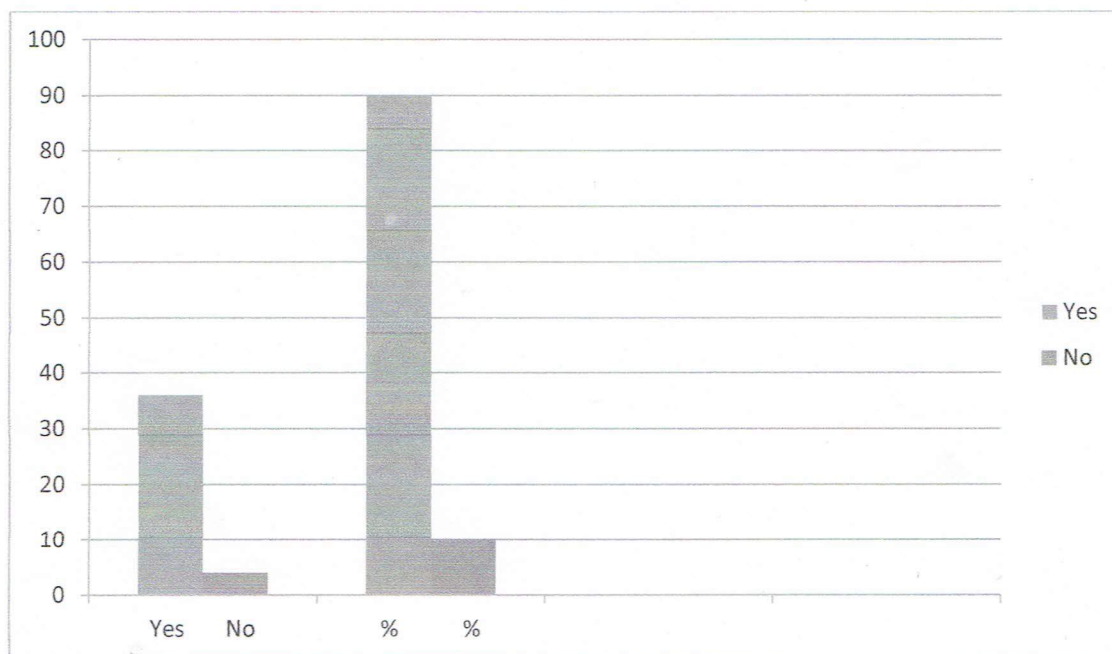


The above table points out that 27.5% students have the sense of there is an impact of environment population on living beings and 72.5% don't have the sense of an impact of environment population on living beings.

Objective 7:- To find out about the trend of environmental protection among the elementary level students.

Table 7.1:-

Name of the Problems	Response			
	Yes	%	No	%
Items				
Do you use dustbin in your school?	36	90	4	10

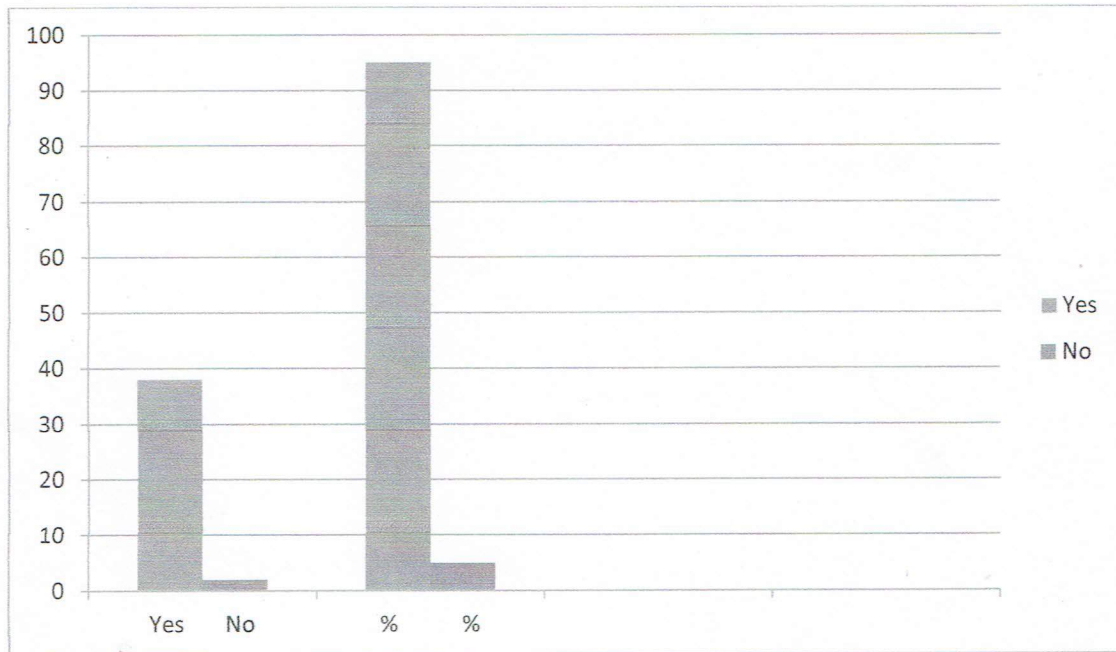


The above table points out that 90% of the students have the knowledge about environmental protection. They sense the value of using dustbin in school. From the point of view it is found that the students have knowledge about environmental protection.

Objective 8:- To find out among the students of elementary level about awareness of environment and its importance.

Table 8.1:-

Name of the Problems	Response			
	Yes	%	No	%
Items				
Do you celebrate “world Environment Day” and “Hand Washing Day” in your school?	38	95	2	5

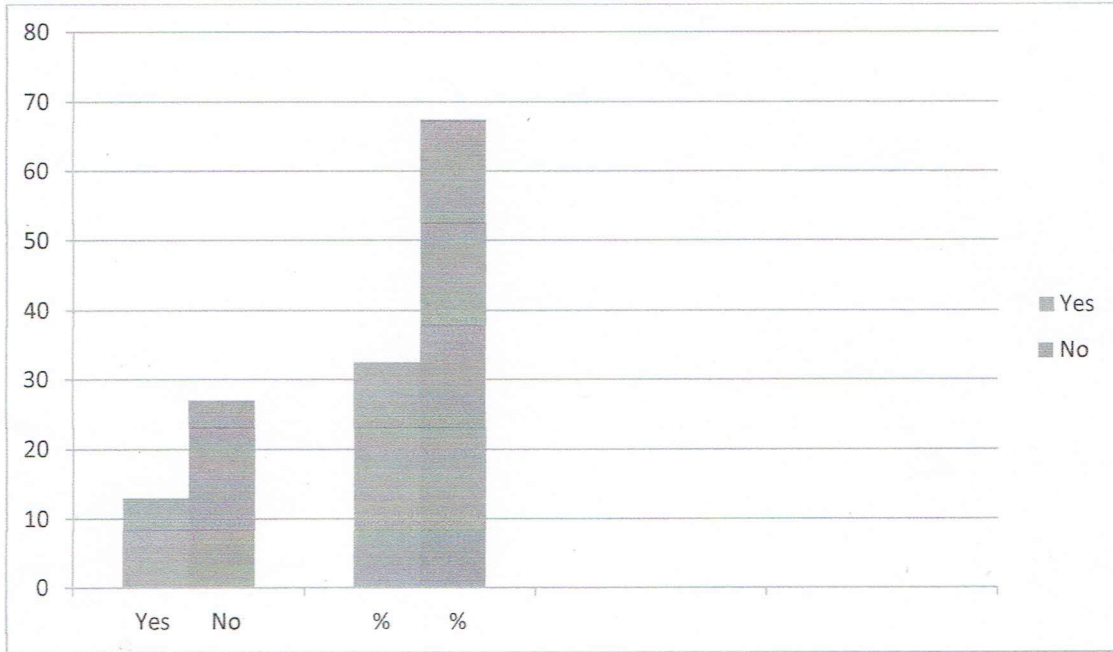


The above table find out that 95% of students opinion that they celebrate “world Environment Day” and “Hand Washing Day” in their school and 5% opinion that they don’t have any knowledge about that.

Objective 9:- To find out about important for us to awareness about environment.

Table 9.1:-

Name of the Problems	Response			
	Yes	%	No	%
Items				
Is there important for us to awareness about environment?	13	32.5	27	67.5

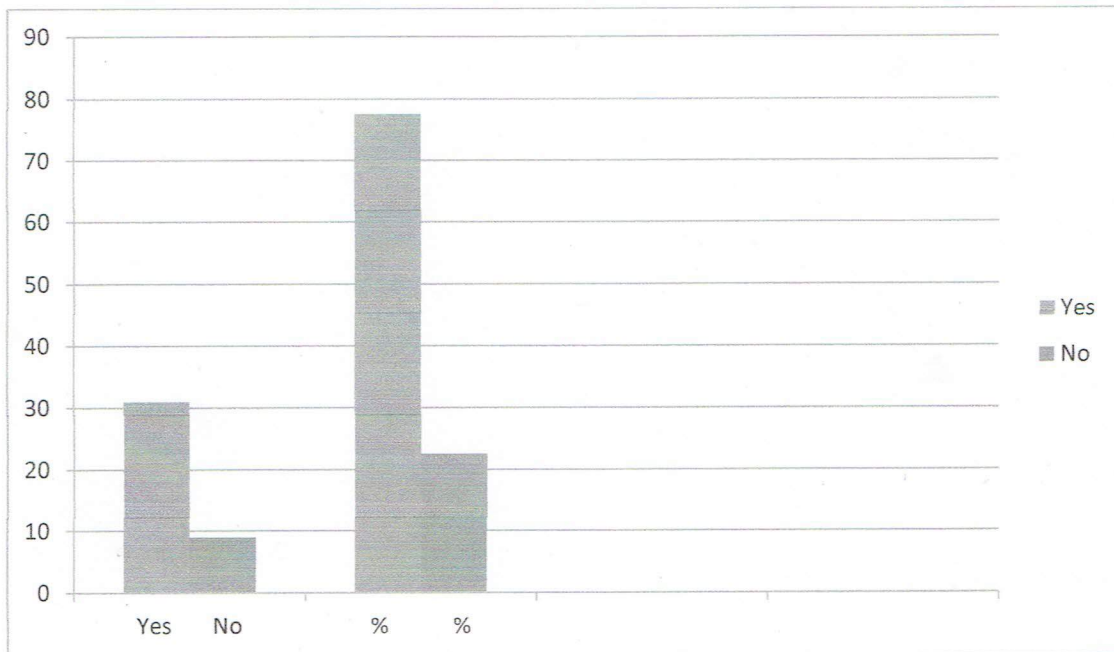


The above table shows that 32.5% treat awareness about environment is important. All the students haven't sense the importance of awareness about environment.

Objective 10:- To find out about the presence of eco club in the elementary level among the students and teachers.

Table 10.1:-

Name of the Problems	Response			
	Yes	%	No	%
Items				
Do you have eco club in your school?	31	77.5	9	22.5



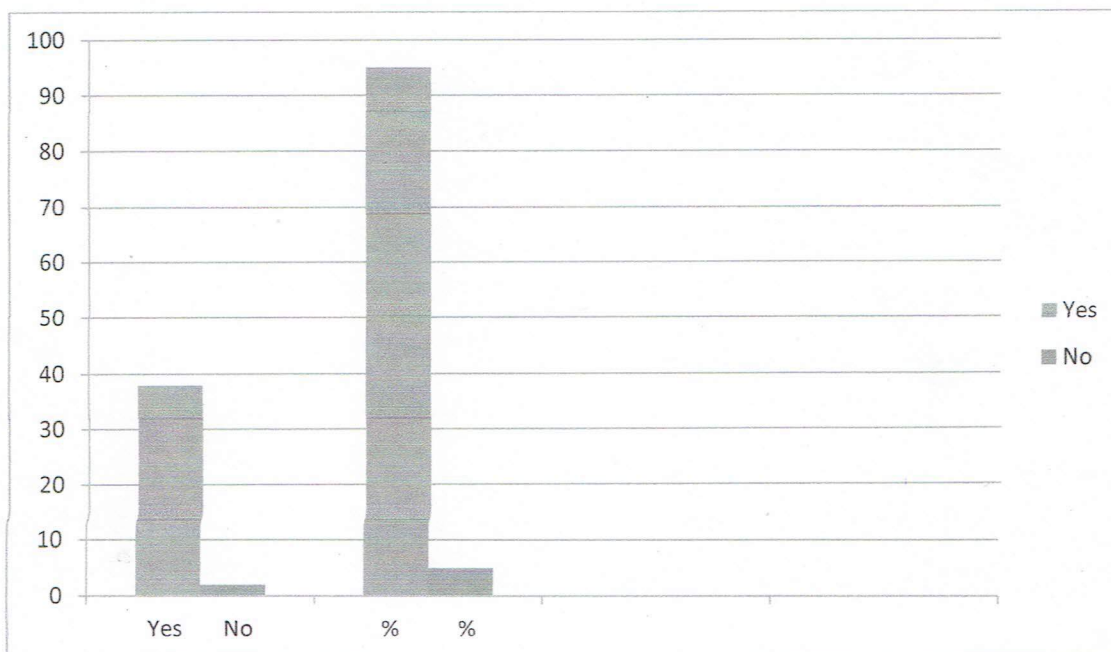
The above table indicates that 77.5% of the students sense about environment and the reveal that eco club exist that their schools have eco club under guidance of their teachers.

Objective 11:- To find out about how far the students are helped by their teachers in understanding environment at elementary level.

Table 11.1:-

Name of the Problems	Response			
	Yes	%	No	%
Does your teacher help you to plant trees, clean school and garden?	38	95	2	5



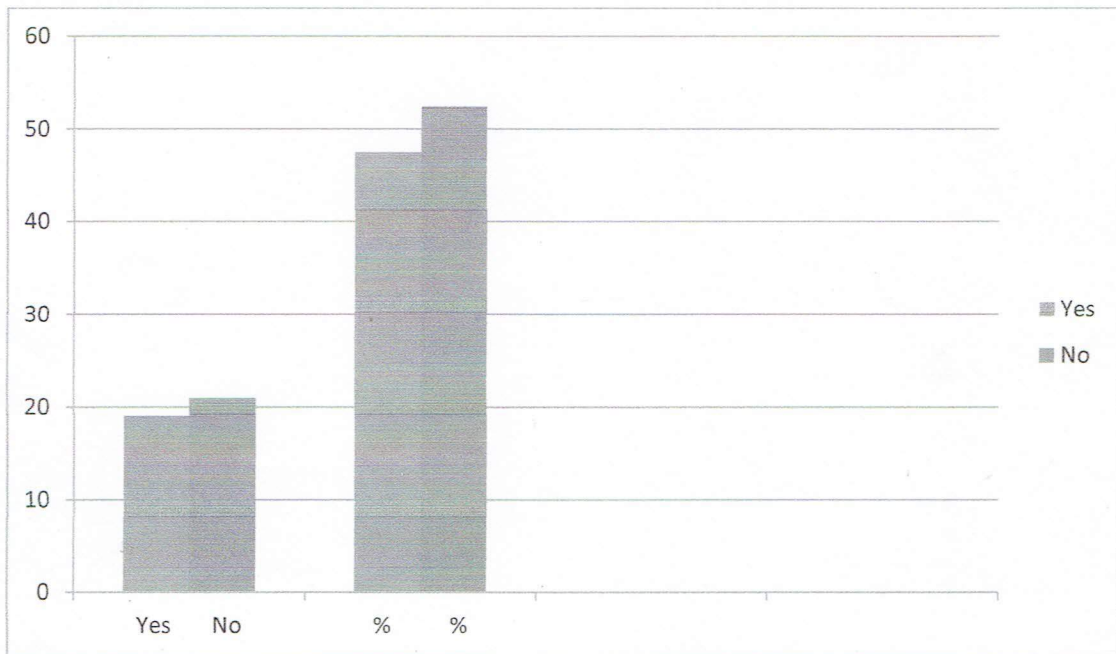


The above table finds out that 95% of students opinion that their teacher help them to plants tress, clean school and garden. Whereas only 5% of students on favour of their teachers who does not help them. It is found out from the table that majority of students on favour of their teachers help them to plant trees, clean school and garden.

Objective 12:- To find out about protect our environment from pollution for future generation.

Table 12.1:-

Name of the Problems	Response			
	Yes	%	No	%
Do we protect our environment from pollution for future generation?	19	47.5	21	52.5

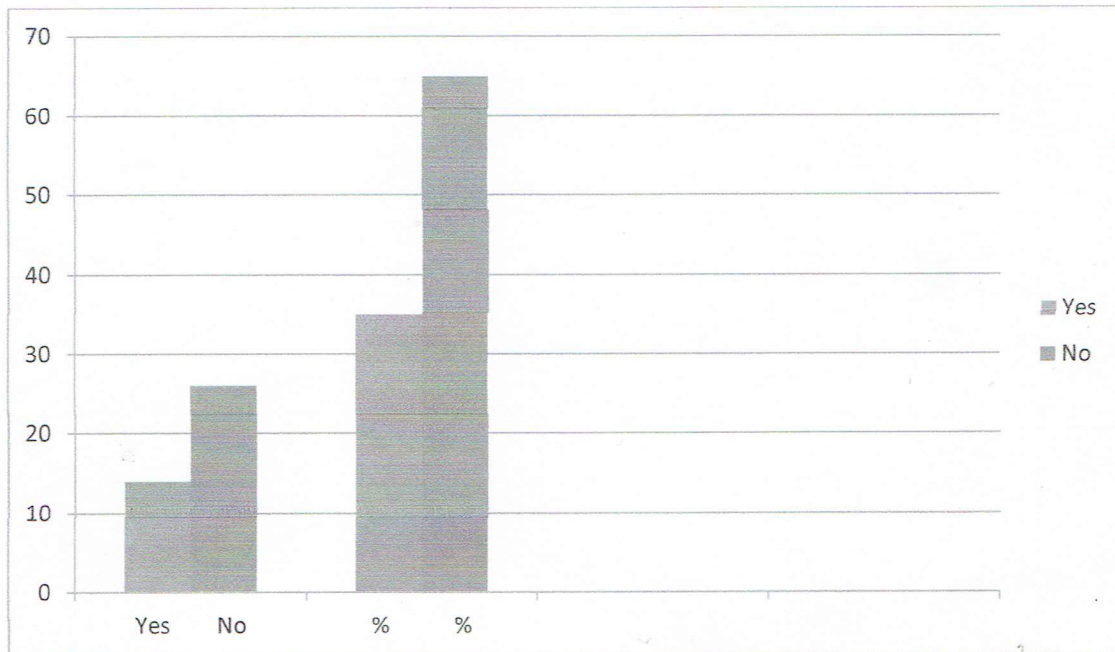


The above table shows that 47.5% of the student opinions about favour of protect our environment from population. Whereas 52.5% of students don't know about that.

Objective 13:- To find out about how many students know to make new things from ordinary things by using their such as plastic, useless paper, cloths etc.

Table 13.1:-

Name of the Problems	Response			
	Yes	%	No	%
Do you know to make new things by using their things such as plastic, useless paper, cloths etc.?	14	35	26	75



The above table show that 35% of the students opinion that they know how to make new things from ordinary things by using their such as plastic, cloths etc. Whereas 65% students don't knows about that. It is found out majority of students don't knows to make new things from ordinary things.

## CHAPTER-IV

### FINDINGS OF THE STUDY

Introduction:- On the basis of analysis and interpretation of data following are treated as major findings of this study.

- 1) Basic knowledge of environment:- Objective-To study the basic knowledge of environment among the students of elementary level from the study it is found out that 25% of students have the basic knowledge about environment and only 75% students have no basic knowledge. The students are response very positively. They try to a quaring basic knowledge about environment.
- 2) Sense of awareness about environment:- Objective- To study about the sense of awareness among the students about environment.

From the study it is found that 100% of the students have the sense of awareness about environment and only 0% students have not sense of environment. In this study it is found on that the awareness of students towards the environment is just satisfactory in their age group.

- 3) The positive aspects about environment:- Objective- To study about the positive aspects among the students about environment.

From the study it is found that 92.5% of the students have the positive aspects about environment and only 7.5% students have not the positive aspects about environment. The students are response very positively. In this study it is found that the positive aspect towards the environment is just satisfactory in their age group.

- 4) Sense of responsibilities about environment:- Objective- To study about the sense of responsibility among the students about environment.

From the study it is found that 22.5% of students have the sense of responsibilities about the environment and only 77.5% don't have the responsibilities about environment.

- 5) The role of teachers in giving knowledge about environment:- Objective- To study about the role of teachers in giving knowledge among the students about the environment. From the study it is found that 27.5% of students have the knowledge about environment and 77.5% don't have the knowledge about environment.
- 6) The trend of environmental protection:- Objective- The study about the trend of environmental protection among the students about environment. From the study it is found that 90% students have the knowledge about environmental protection and 10% don't have knowledge about environmental protection. In this study it found that the positivity about the environmental protection is just satisfactory in their age group.
- 7) Sense of awareness and importance about environment:- Objective- To study about the sense awareness and importance among the students about environment. From the study it is found that 95% of the students have the sense of awareness and importance of environment and 5% of students don't have the sense of awareness and importance of environment. In this study it is found that the awareness and importance of students towards the environment is satisfactory in their age group.
- 8) Sense of awareness about environment:- Objective- To study about the sense of awareness among the students about environment. From the study it is found that 32.5% of the students have the sense of awareness and 67% don't have the sense of awareness about environment.
- 9) The presence of eco club in the elementary level:- Objective- To study about the presence of eco club in the elementary level among the students and teachers. From the study it is found that 77.5% of students have knows the presence of eco club on

their school and 22.5% don't know about the presence of eco club in the elementary level.

10) Sense how far the students helped by the teachers about the environment:- Objective-

To study how far the students are helped by the teachers in understanding environment at elementary level. From the study it is found that 95% of students have the sense that they are helped by their teachers in understanding environment. It is found that the students are helped by their teachers about the environment is satisfactory.

11) Sense of protection of our environment from pollution for future generation:-

Objective- To study about the sense of protection of our environment from pollution for the future generation. From the study it is found that 47.5% of the students have the sense of protecting the environment from pollution for future generation and 52.5% don't have the sense of protecting the environment from pollution for future generation.

12) Sense of making new things from ordinary things:- Objective- To study about the

sense of making new things from ordinary things by using their such as plastic, useless papers, cloths etc. From the study it is found that 35% of the students have the sense making new things from the ordinary things and 75% don't have the sense of make new things from ordinary things.

## CHAPTER-V

### CONCLUSION

Here, I have come to the end of the project report on the topic “A Study of Environmental Education and Awareness among the students of Elementary Level”.

I would like to share my experience while doing this project. I learnt many new things about the environmental education heightens awareness among students, which brings behavioural changes and practice, thereby leading them towards environmental protection for sustainable development and it was a wonderful learning experience for me while working on this projects.

A very special thanks to my teachers for setting such project for us. I enjoyed each and every bit work I had put into this project. I do hope that my project will be interesting and may be even knowledgeable.

## REFERENCE

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# KARBI ANGLONG DISTRICT



Map not to Scale

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(Updated on 9th July 2012)

## LEGEND

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



To,  
The Head Master  
Ahomoni L.P. School

Sub :- Seeking permission for Data collection for Project Work.  
(Through the supervision)

*Sir/Madam*

With due respect and humble submission I beg to intimate you that I am to collect data for project work from your school to complete my graduation under Dibrugarh University in the year 2022

Therefore, I request you to kind permit me to collect data from students of your school.

**Thank You**

*Amarawati Shyam*

Signature of School Head Master

Head Mistress  
Ahomoni L.P. School.  
Date \_\_\_\_\_

Yours faithfully  
Nang Kim Kham Shyam  
B.A 6<sup>th</sup> Semester  
Barpathar College