

A PROJECT ON SWACCHHA BHARAT

SUMMER INTERNSHIP PROGRAMME

AT BHATGAJ VILLAGE

NITAIPUKHURI

SIVASAGAR

Submitted by

Team-3, SWACCHHA BHARAT

SUMMER INTERNSHIP

H.C.D.G. College  
2018.

# CONTENTS

	Page No.
Certificate	I
Declaration	II
Acknowledgement	III - IV
List of table	V
List of figure	VI
Abbreviation	VII
1.0 Introduction	1-2
2.0 Title	2
3.0 Significance of the study	3-5
4.0 Objectives	5
5.0 Definition	6
6.0 Limitation	7
7.0 Methodology	8-11
7.1. Method	8
7.2. Population	8
7.3. Sample	9
7.4 Tool	10
7.5 Data analysis	11
8.0 Findings of the study	12-34
8.1 Cleanliness and Sanitation related work in Bhatgaj Village	12-33
8.2 Involvement of Under-Graduate level Student in SBSI	34
9.0. Discuss on findings	35-37
Suggestion	37
10.0 Conclusion	38
11.0 Appendices :	39 - 40
11.1 Appendix A : Household Survey Schedule	39
11.2 Appendix B : Photo	40

(I)

Dr. Leena Dutta  
Assistant Professor  
Department of Education  
Hem Chandra Dev Goswami College  
Nilaipukhuri, Sivasagar.

Date: 23/06/2018

## Certificate

This is to certify the Project entitled "A Project on Swachh Bharat Summer Internship, 2018 in Bhatgaz Village of Nilaipukhuri Region by Hem Chandra Dev Goswami College, Sivasagar" for Project study is carried out by Team-3, Swachh Bharat Summer Internship, 2018 of Hem Chandra Dev Goswami College under my supervision. It embodies the work by the students themselves.

Leena Dutta

## Declaration:

We hereby affirm that the work Presented in the Project intitled "A Project on Swachh Bharat Summer Internship, 2018 at Behalgaz village of Nitulpukhuni Region by Hem chandra Dev Goswami collage" is exclusively our own.

### Signature

- 1) Ranju Borah.
- 2) Rituparna Konwar.
- 3) Jatin Dutta
- 4) Chayanika Borah.
- 5) Pranab Saikia.
- 6) Popy gogoi.
- 7) Minakhi Anandhana
- 8) Yasmin Begum
- 9) Ghanshyam Dchingia.
- 10) Bhaskar Jyoti Gogoi.

## Acknowledgement:

The success and final outcome of this project required a lot of guidance and assistance from many people and we were extremely privileged to have got this all along the completion of our project. All that we have done is only due to such supervision and assistance and we would not forget to thank them.

We respect and thank our principal, Dr. Sanjib Borogohain, for providing us an opportunity to do the project work in Bhatgaz.

We owe our deep gratitude to the Nodal Officer, SBSI, Mr. Bidul Saikia for providing all the necessary information for developing a good system.

A special thank of ours goes to Programme Officer, NSS, Dr. Subrat Jyoti Neog for all his accurate information.

We would like to express our very greatful appreciation to Coordinator, Extension Cell, Mr. Horon Bhuyan for his valuable information.

We would also like to extend our great appreciation to Coordinator, Health and Sanitation Club, Mr. Ronjit Khanikan for his constructive suggestions and necessary information during the planning and development of this project work.

Our greatful thanks are also extended to the villagers of Bhatgaz for their cooperation during our project work.

We are thankful to and fortunate enough to get inspirations from all well-wishers. We thank them a lot.

Last but not least, many thanks go to the Group "3" ~~in research~~/Dr. Leena Datta, who have invested her full effort in guiding our team in achieving the goal. Although she had busy schedule, she made all the things possible for us till the end, by giving her precious time.

The guidance and supervision was very helpful in bringing this project work to conclusion.

## List of Tables :

Table No	Table Name	Page No
1 (A)	Household Information	15
2 (A)	Swacchha Bharat Abhiyan Information	19
3 (A)	Drinking Water Information	22
4 (A)	Sanitation Information of Householders	26
5 (A)	Solid Waste Management of Householders	30

## List of Figures :

Figure No	Name of Figures	Page No
1	Poverty line of the sample	9
2	Household information	18
3	Swarachha Bharat Abhiyan	21
4	Drinking water information	25
5	Sanitation Information of Householders	29
6	Solid Waste Management	33

## Abbreviation

APL - Above Poverty Line

BPL - Below Poverty Line

H.C.D.G - Hem Chandna Dev Goswami

NGO - Non-Governmental Organization

SBA - Swacchha Bharat Abhiyan

SBSI - Swacchha Bharat Summer  
Internship

## 1.O. Introduction

Environment pollution is a serious problem of modern era. Biodegradable and non-biodegradable pollutant have adversely affect the greenery environment all over the world. The air, land and water of world are pollutant due to man made and natural activities. It has different effect upon the living and non-living components of the environment.

In the contemporary age all of the nations have been operate several socio-economic activities to achieve a higher stage of development. There are various negative impacts on our environment because of these activities. And it is negative impact on human being. There have been various activities taking in international level to reduce such impact and to keep safe the ecology. These are UN conference of human settlement and environment held on Stockholm on 1972, Report of Brundtland Commission 'Our Common Future' in 1987, United Conference on Environment and Development held on Rio-de-Janerio in 1992 (The Earth Summit), The Philipine Agenda 21 held in 1996 etc.

India also attempt to introduce several steps to save the environment from man made hazardous. for example, Silent Valley Movement (Kerala), Appiko Movement (Karnataka), Chipko Movement under the leadership of Sunderlal Bahuguna in 1972 etc. In modern days, Swachh Bharat Abhiyan is an important, largely spread campaign introduced by government of India.

SBA is a cleanliness campaign which is also known as Swachh Bharat Mission and Clean India Mission. It aims to clean up the streets and infrastructure of

India's cities, smaller towns; and rural areas. The objectives of Swachh Bharat include eliminating open defecation through the construction of household-owned and community owned toilets and establishing an accountable mechanism of monitoring toilet use. The campaign was officially launched on 2 October 2014 at Rajghat, New Delhi by Prime Minister Narendra Modi. It is India's largest cleanliness drive, that includes employees, school students and college students from all parts of India.

The mission contains two sub-missions: Swachh Bharat Abhiyan ("gramin" or rural), which operates under the ministry of Drinking Water and Sanitation ; and Swachh Bharat Abhiyan (urban), which operates under the ministry of Housing and Urban Affairs.

As part of the campaign, volunteers, known as swachhagravis, or "ambassadors of cleanliness", have promoted indoor plumbing and the community approaches to Sanitation (CAS) at the village level. Other non-governmental activities include national real time monitoring and updates from non-governmental organisations (NGOs) such as The Ugly Indian, waste warriors and SWaCH Pune (Solid Waste Collection and Handling) that are working towards its ideas of Swachh Bharat Abhiyan.

## 2.0 Title :

A Project on Swachh Bharat Samman Internship,  
2018 in Bhatgaz Village of Nitaipukhuri Region by  
Hem Chandra Dev Goswami College.

### 3.0. Significance of the Study :

(3)

Swachh Bharat Abhiyan is a Swachh Bharat mission led by the government of India to make India a clean India. It is launched as a responsibility of the each and every Indian citizen to make this country a Swachh country. This campaign has initiated people towards the cleanliness. Students of college are joining this "Clean India Campaign" very actively with great fervour and joy.

The first and major significance of the study is to make conscious in the rural area people about scientific cleanliness. Most of the people from the rural area are unaware about the problems caused by their doings or misdeeds. They think that what they do with the plastics, vegetables, water storage is the right process of cleanliness. But they don't know about any of scientific or natural way of cleanliness. They are unaware that what they throwing open like, above mentioned things are help them out to make manure. So, they should taught by someone else about some scientific process.

It is also important for the rural area's people to realize how the open process of defecation is dangerous. The smell, that came from the open storage garbage, the water that come through the open storage garbage may harm the people in many ways. So, it is important to teach them to eliminate open process of defecation.

Another important thing to teach the peoples from the rural area how solid waste management is

possible. Solid waste offers for recycling items that do not belong to garbage. Solid waste can pollute the surrounding air and can seriously affect the health of humans, wildlife and our environment. All kinds of solid wastes are known as refuse or garbage. It contributes to land degradation. Homes where people live are some of the major sources of solid waste. Garbage from these places include food wastes, plastics, paper, glass, leather, household items like electronics, tires, batteries. Most of the people throwing it away and does not think so far. After a few days of decomposition, a foul smell is produced and it becomes a breeding ground for different types of disease, causing insects as well as infectious organisms.

Water pollution is a formidable problem. People suffered different diseases from increasing water pollution now a days. Water pollution may be from industries, agricultural forms, wastage, different types of chemicals, HIV virus, etc. These types of polluted things in the water create many diseases, like; Typhoid, cholera, Diarrhea, dysentery, Hepatitis etc. By SBSI, the villagers aware about the polluted water in the village. Many of people of the village used to drink water without filtering, so it is necessary to inform those villagers that without filtering water is harmful for their health. Though the water seem to be clean but, actually this water is not useful for drinking purpose and harmful for health.

Students are free in summer vacation, and belongs to the same area. Students can take active participation in the internship programme. Students do some household survey and find some important facts. What is done by villagers, what they think about cleanliness and their educational qualities are also included in this project so that students can better understand their misdeeds, problems and find some solutions for the villagers.

#### 4.0 Objectivities:

- ① To investigate the Cleanliness and Sanitation related work at Bhatgaz village of Nitaipukhuri region under Swachh Bharat Summer Internship.
- ② To propose the involvement of Under-graduate level students of H.C. D. G College and villagers of Bhatgaz village in cleanliness Drive and Sanitation related work under Swachh Bharat Summer Internship.

## 5.O. Definition:

In the project study, SBSI refers to cleanliness and sanitation related awareness campaign by degree level students of H.C.D.G College, at Bhatgaz village, Nitaipukhuri.

Bhatgaz is a village located at Demow Block of Sivasagan District. It is situated under Pukhuri Panchayat five km distance from Nitaipukhuri H.C.D.G. College. There are 127 number of habitants lived at the village. It is harmony of different cultured people.

H.C.D.G College is situated at Nitaipukhuri region under Sivasagan district of Upper Assam. It is a provincialized college affiliated to Dibrugarh University, Assam. The college was established in 1965. It aims to provide higher education to the inhabitants of Nitaipukhuri region. It has Arts Stream from Higher Secondary to college level. It has take different innovative steps in the field of higher education.

## 6. O. Limitations:

The study is limited to following points:

- (1) Area limitation: The study is limited to only Bhatgaz Village, Nidai Pukhurri, Sirasagar.
- (2) Sample limitation: The study is limited to only thirty four numbers of houses
- (3) Time limitation: The study is limited to only June month.

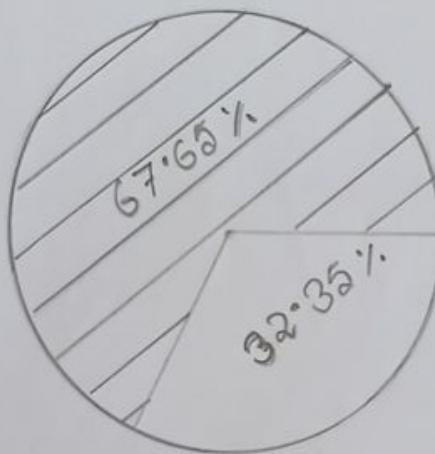
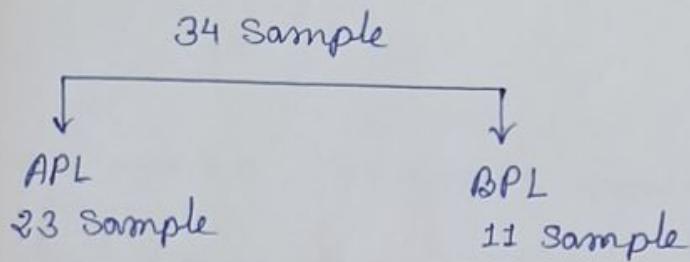
## 7.0 Methodology:

7.1. Method: The field survey method was used. Both primary and secondary data are used to prepare this project.

7.2. Population: The population includes 127 numbers of homes of Bhatgaj village of Nitarukhuri region, Sivasagar.

### 7.3 Sample:

Distribution of Sample regarding 34 sample.



$$\begin{aligned} APL &= \boxed{\diagup} \\ BPL &= \boxed{\phantom{0}} \end{aligned}$$

Figure-1: Poverty line of the sample

## 7.4. Tool

A Pre-Constructed Household Survey Schedule  
Prepared by SRBI Programme H.C.D. G. collage was  
administered on the Sample.

## 7.5. DATA ANALYSIS

The data will be analysed by frequency table  
graphical Presenting of data, discussion  
next page

### 3.0 Findings of the study

## 8.1 Cleanliness and Sanitation related. Work in Bhatgaj village

The Swacha Bharat Abhiyan cleanliness and Sanitary Campaign aim to clean the road and infrastructure open defecation Problem. Sanitation more important than independence there. Was aware of the pathetic Sanitation of Bhatgaj rural people at that time and they dream of clean area of Bhatgaj where the emphasised on cleanliness and Sanitation as an integral part of living. Our adopted area Bhatgaj Village people are participated in Swacha Bharat Abhiyan related activities in their village. People are participated. Work are given below —

- ① Tree plantation.
- ② Cleanliness Campaign
- ③ Hygienic Sanitary System.

In their above Work Villagers are participated in the village. Swacha Bharat Abhiyan are succeeded. When Construct individual, cluster and Community toilet. Open defecation Problem is one of the main causes of adopted area. For pollution environment. People are Construct latrine

and wants towards establishing, in the village general awareness is the most important for backward of open defecation" and Promotion latrine use to construct dedicated ground slabs to bring about behavioural change and Promotion change mindset towards and Proper Sanitation Solid waste management and Purify drinking water and participated SBA and villagers keep village clean and ensure Solid and liquid waste management through gram Panchayat and ensure management for cleanliness in the area of Rehatgar Cleanliness and beauty always go hand in hand.

Table 1(A) : Household Information -

Income			APL/BPL			Type of family			Education			Occupation		
Information	No of respon sed	% of respon sed	Information	No of respon d	% of respo nd	Information	No of respon sed	% of respo need	Information	No of respon sed	% of respon sed	Information	No of respon sed	% of respon sed
25000 - 50,000	9	26.47	APL	23	67.64	Joint	14	41.18	Primary	32	27.82	Agriculture	34	29.56
50,000 - 75000	11	32.35	BPL	11	32.35	Single	20	58.82	H.S.L.C	39	33.91	Job	13	11.30
75000 + 100000	6	17.64							H.S.S	25	21.73	House wife	26	22.60
100000 - above	8	23.52							Graduate	16	13.91	Others	15	13.04
Total	34	100%	Total	34	100%	Total	34	100%	Total	115	100%	Educati on	115	100%

In the above table No 1.(a) we have notice that Household information, our study area 127 people house we have 34 house. Selected and collect information.

There are different S income level Some people 25000 - 50,000 income level in yearly, it was found that 26.47% of respondents to have income more people income level 50,000 - 75,000 in yearly and it was 50,000 - 75000 income yearly respondent people 32.35%. out of 12.64% people says their income 23.52% in yearly. and 23.52% people income level 100000 above

In India planning commission estimated the number and proportion of people living below the poverty line at national and state level, separately for rural and urban areas. It was Poverty, Poverty line below and above Poverty line. It was found that 67.34% of the respondents are above Poverty line and 32.65% people respondents they are below Poverty line.

When we have question that their people they have type of family and their people are respondent that two types of family Single and Joint. both are family here, it was 41.17%

people have respondent in their family are Joint and 58.82% people family are Single.

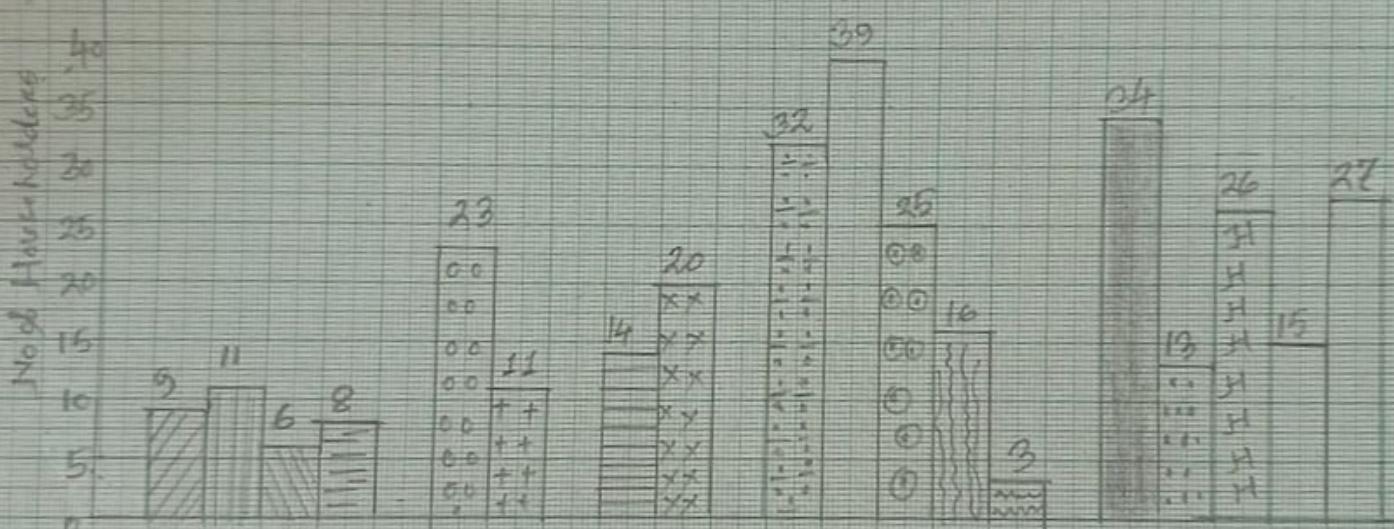
Education is that process of facilitating learning or the acquisition all knowledge skill value belief and habits. Education is commonly divided formally into such stage as Primary, H.S.L.C, H.S.S Graduate and Master degree (M.A). In our study area 27.82% people are Primary level educated and 33.91% people are educated H.S.L.C and 21.73% people (Higher Secondary School) H.S.S educated Some are 13.9% people are Graduate level and many people 2.60% are educated M.A (Master degree).

Population wise people are Professional occupation are different. Job, business, many people occupation education and House wife. any activities person (people) are engaged in our study area 29.56% people engaged in his occupation agricultural here and 11.30% are engaged Job and 13.04% people are occupation business. 23.47% people occupation education and they have reading for Primary level to Master degree level. 22.60% are women housewife in daily life.

8A

Two unit for one unit

Figure 2.1 Household information



Level of income

 $= 25000 - 50,000$  $= 50,000 - 75,000$  $= 75000 - 150000$ 

Fr = 100000 above

= APL

APL/BPL

Family Income Type

 $= \text{Joint}$  $= \text{Single}$  $= \text{Primary}$ 

Education

 $= \text{HS, LC}$  $= \text{Primary}$ 

Household Information

 $= \text{HS, SS}$  $= \text{MA}$ 

Occupation

 $= \text{Agriculture}$  $= \text{Business}$  $= \text{Job}$  $= \text{Education}$  $= \text{House wife}$

Table 2(A) : Swachh Bharat Abhiyan Information

Knowing about SBA		How to knowing about SBA			Participated			
Information	No of responded	% of responded	information	No of responded	% of responded	information	No of responded	% of responded
Yes	29	85.29	News	17	50	Yes	18	52.94
No	5	14.70	Activities ab Gaon Pan chyat	15	44.11	No	16	47.05
			NGO Activities	2	5.88			
Total	34	100%	Total	34	100%	Total	34	100%

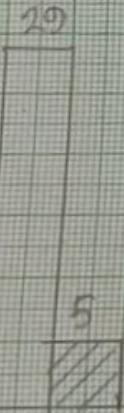
From the above table No. 2(A) we have noticed that Swachh Bharat Abhiyan information, about knowing SBA and how to know SBA and people are participated in information, in our study are Bhagat when collect the information. people are respond given below -

about 85.29% people are know SBA and 14.70% people not know about SBA (Swachh Bharat Abhiyan), in their people are less developed in general awareness and activities

in their people about know SBA different information. 50% people have know news, and 44.11% people knows Activities of Gaon panchayat Some people NGO active member and they have know NGO activities

so far as Swachh Bharat Abhiyan (SBA) have participated Some people who knows cleanliness and good environment are based in our daily life 52.94% people are respond they have participated SBA and 47.05% people are respond they have not participated in Swachh Bharat Abhiyan (SBA)

No. of Householders



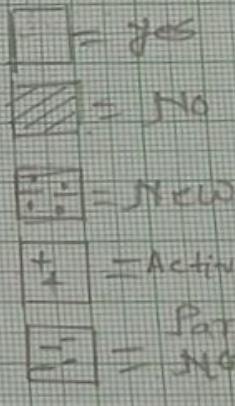
Krishi  
Gram

Koushik  
Gram

Panchayat  
Gram

Figure 3: Swachha Bharat Mission

two went for one visit



= NGOs

= Activites of Gram

Vikas

= Gram Vikas

Vis

Table 3(A) : Drinking water Information

Source of Drinking water	Purity Drinking Water			System of Purity Water			Diseases				
	No ob information	% ob responded	inforoma tion	No ob responded	% of respon sed	inforoma tion	No ob responded	% respon sed	inforoma tion	No ob responded	% ob respon sed
Well			Yes	9	26.47	Boiling	73. 54		Malaria		52. 55
River			No	25	73. 52	Home made filter	2	5.88	Typhoid		41. 52
Tubewell	34	100				Market filter	7	20.58	Diarr-hea	2	5.88
Water Supply											
Total	34	100%	Total	34	100%	Total	34	100%	Total	34	100%

In the above table No 3(A) we have noticed that Drinking water information.

More people have their use of source drinking water of tubewell in their area, people have only use tube well. It was respectively tube well use 100% people,

in the the table No mention, the people are (water) drinking water Purity and no purity, in case of 26.47% people respond that purity drinking water and 73.52% people not-purity drinking water.

people have how to Purify in his drinking water and their people replied that the people had use use home made filter and market filter. 73.54 people are no system use. for Purify drinking water. 5.88% people are use home made filter and 20.58% people are used market filter.

One measure of cleanliness that usually over looked is the Prevalence of communicable disease there are quite a few infection that are disease.

directly linked to lack of cleanliness. in the  
too No 3.(A) in last two years diseases are. Diarrhea  
5.88% people are disease.born diarrhea.in last  
two years. 94.12% people no disease.in last  
two years.

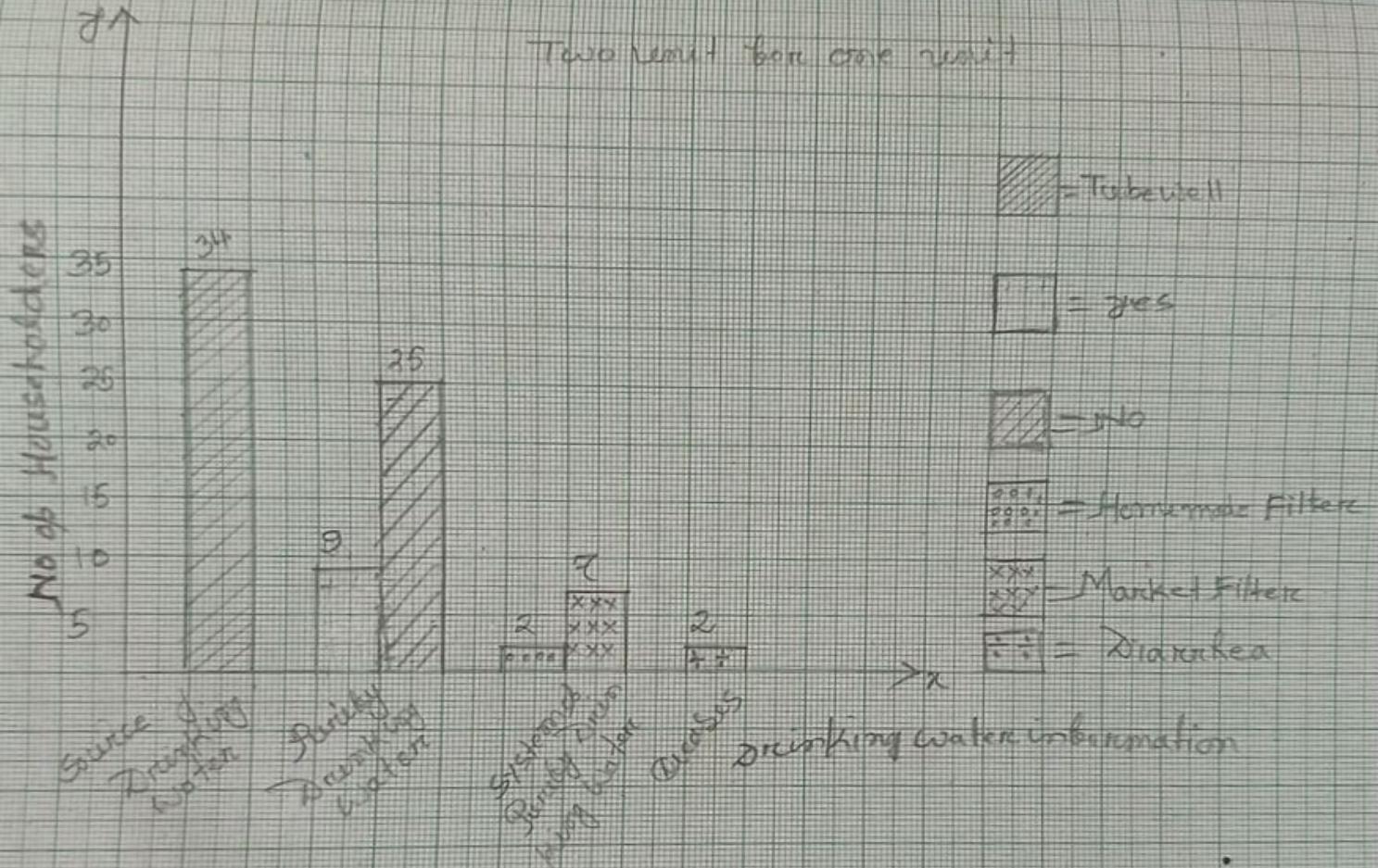


Figure 4: Drinking water information

Table 4(A): Sanitation Information of House Holders

(A) Open defecation problem			(B) Having toilet		(C) Type of toilets		(D) Receiving benefit of govt. scheme			(E) Distance of toilet				
Opinion	No of Response	Percentage of Response	Opinion	No of Response	Percentage of Response	Toilet	No of Response	Percentage of Response	Opinion	No. of beneficiaries	Percentage of beneficiaries	Distance	No of Response	Percentage of Response
Yes	3	8.82%	Yes	33	97.06%	Kutthka	1	3.03%	Yes	19	55.88%	5 meters	20	60.61%
						Semi-Rueea	2	6.06%				10meters		
No	31	91.18%	No	1	2.94%	Rueea	30	90.91%	No	15	44.12%	Above 10 meters	5	15.15%
Total	34	100%		34	100%		33	100%		34	100%		33	100%

Table 4(A) shows the sanitation reformation of 34 householders of Bhatgaz village. Part A shows the information about open defecation problem. There are three householders who informed about open defecation problem in their village and other thirty one householders who haven't noticed this problem in their village. The percentage of response are 8.82% and 91.18% respectively.

Part B shows the information of having toilet in their house. where thirty three householders have toilet and other one householder has not toilet which indicate the open defecation system in their house. The percentage of response are 97.06% and 2.94% respectively.

Type of toilet shows the information of different types of toilets having their sanitation system. One house holder has kuttcha toilet, two householders have semi-pucca toilets and the other householders have pucca toilets. The percentage of these are 3.03%, 6.06% and 90.91% respectively.

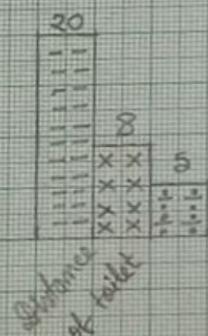
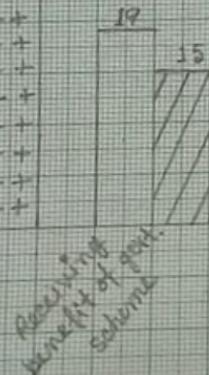
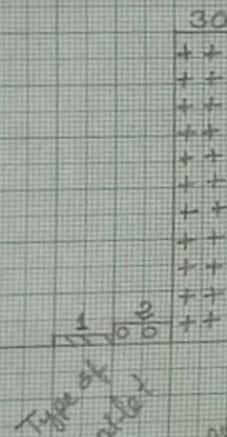
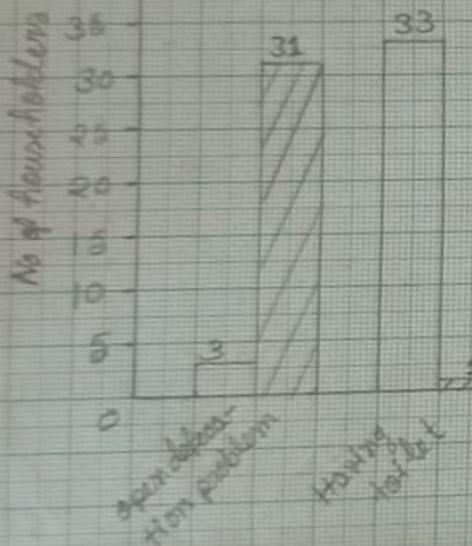
In part D we found that there are 19 beneficiaries who have received benefit of government scheme and other fifteen householders have not received benefit of government Scheme. The are percentage of response are 55.88% and 44.12% respectively.

Part E shows the information of distance

of their toilets, eight householders have 10 meters and last five householders have 50 meters above distance of their toilets from their house. Percentage of responses are 60.63%, 24.24% and 15.15% respectively.

(29)

Y



Sanitation Information

Yes =

No =

Kuttak =

Semi-Pucca =

Pucca =

5 meters =

10 meters =

Above 10 meters =

Table 5(A): Solid Waste Management of house holders

(A) Residual generated			(B) Decomposting of bio-degradable waste			(C) Decomposting of plastic waste			(D) Segregation of waste			(E) Having segregate dustbin for plastic waste		
Type	No of Response	Percentage of Response	Open	No of Response	Percentage of Response	Open	No of Response	Percentage of Response	Open	No of Response	Percentage of Response	Open	No of Response	Percentage of Response
① bio-degradable	2	5.88%	Throwing open	30	88.24%	Throwing open	5	14.71%	Yes	9	26.47%	Yes	2	5.88%
② Plastic	9	26.47%	Bio-composting	4	11.76%	Burning	29	85.29%	No	25	73.53%	No	32	94.12%
Both	23	67.65%												
Total	34	100%		34	100%		34	100%		34	100%		34	100%

(31)  
Table 5(A) shows the solid waste management of 34 householders of Bhatgaz village. Residual generated part shows information of residual generated waste. Where two type of residual generated waste in respectively bio-degradable waste and plastic waste. There are 2 householders use bio-degradable waste and 9 householders use plastic waste and 23 householders generated both waste. Their percentage of response are 5.88%, 26.47% and 67.65% respectively.

Part B and C explain decomposing of bio-degradable waste and plastic waste information. In both case there are two opinion of decomposing of waste. In part B 30 householders throws bio-degradable waste openly and other 4 householders used to composing the waste biologically which they generated. Their percentage of response are 88.24% and 11.76% respectively.

Similarly, 5 householders throwing openly and other 29 householders used to burn plastic waste and their percentage are 14.71% and 85.29% respectively.

If we compare between decomposing of bio-degradable waste and plastic waste we have found that the problem of throwing openly in case of bio-degradable waste and plastic waste, there are a huge difference. In case of bio-degradable waste the problem of throwing openly is very higher than plastic waste.

In segregation of waste part explain the information of waste segregation in our sample. There are 9 householders who segregate their waste and other 25 householders did not segregate waste. In that case their percentage are 26.47% and 73.53% respectively.

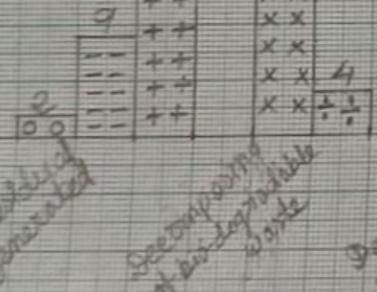
(3a)

Again part E explain about segregate dustbin for plastic waste. Here 2 householders have dustbin for plastic waste and 32 householders have not segregate dustbin for their plastic waste.

### No. of Household

40  
35  
30  
25  
20  
15  
10  
5  
0

Household generated



Two unit for one unit

bio degradable = 

0	0
---	---

plastic = 

-	-
---	---

both (i+j) = 

+	+
+	+

flowing open = 

X	X
X	X

composting = 

X	X
-	-

Burning = 

/	/
---	---

Yes = 

Y	Y
---	---

No = 

N	N
---	---

Information of Solid waste management

figure-6 : Solid Waste Management

## B.2 Involvement of Under graduate level Student in SBSI

H.e.D.G College Student have been Participated in SBSI and our adopted area Bhatgoy village was less developed and less general awareness and during the Summer Internship Programme Student will have Pave the Way for overall cleanliness in Farms or Villages. a part from taking steps on overall cleanliness. We will have to set-up System for Sustainable Sanitation and cleanliness Road Side School · Playground, School ground are clean and System - for Sustainable Sanitation and cleanliness Abbott render the Campaign. We have all student Participated in Swachh Bharat Abhiyan activities will have a great learning experience.

## DISCUSS ON FINDINGS

The SBSI Programme in Behalgaj village is effective to make villagers aware about environmental problems. It has been found that most of the villagers are above poverty line and they are educated. Peoples are mainly primary and secondary level passed, but a few members are highly educated. They basically live on agriculture.

It has been found from the project study that most of the villagers acquire knowledge on cleanliness and sanitation from newspapers and different activities undertaken by gaon panchayat. The non-governmental organisation is also active in this regard. So, government steps should be strengthened in the village for further cleanliness campaign. Half of the sample villagers have participated in cleanliness programme and rest of the villagers have no experience on it. So, they should also be encouraged to participate in the programme.

Most of the villagers have no problem of open defecation. But a few sample villagers have no toilet and problem of open defecation. These people have kudcha toilet. Toilets are also build near from the house. So, government should take steps to reach the unattached people in regard of sanitation.

facility.

All villagers used to drink water from tubewell. But it was found that majority of the people used to drink water without purifying it. Only a few people used homemade or market filter. Other people have habit of boiling water. It was found a good sign that they are not suffering from diseases like malaria and typhoid. A small boy was found suffering from diarrhoea.

In regard to solid waste management system of villages, it was found that the residual garbage of villagers covers mainly plastic products. Most of the villagers used to burn the plastic materials which is very harmful for living beings. They generally throwing openly the bio-degradable waste. They have no knowledge of segregating them. They did not make bio-degradable manure from household garbage. The villagers burn the garbage without segregating decomposed bio-degradable waste and plastic waste. They did not use separate garbage bin to throw the waste materials. Therefore, it can be concluded that the villagers should be trained to scientific use of waste materials so that solid waste can be used in effective way.

## Suggestion :

The following are some suggestions that we are able to deliver for the people from our survey and from our understanding —

- ① Different garbage bin for paper, glass, plastic, waste material decompost bio-degradable waste should be used in home and in public places. They should create the habit.
- ② People should be trained and advised to either reuse or recycle waste material.
- ③ Participation of villagers in cleanliness campaign should be ensured. NGO activities in the village should be increased.
- ④ Villagers should be made habit to use filter for purifying drinking purpose.
- ⑤ Villagers should be make aware to avoid the uses of plastic covers, plastic disposable, plastic bag etc.
- ⑥ Younger Children should be teach about cleanliness and sanitation. They should be encouraged to throw waste in dustbin. They are teach about usefulness of plantation.
- ⑦ Most importantly not just encourage people to clean the surroundings, but make it a campaign for future.

## 10.0 Conclusion:

*Saachh Bharat Abhiyan* is the campaign started by the Government of India for making India a clean and green Country. As a citizen of India and be a part of it in making of clean India; we shall not throw any garbage on the roads and keep our surrounding clean. The use of hazardous component should be reduced, reuse goods and recycle the materials to make India as world standard in every field, social-economic measures are needed to curb the environmental problems in the country. The government should implement comprehensive programme and reorient the existing environmental programmes.

Assam is an ideal place for youth generation. Mahatma Grandhi has rightly said,  
 "Be the change That you Want to see in  
 The World"

SBSI inspines students to take positive steps for making the villagers of Bhalgaz Village aware of environmental degradation and to keep the village clean. Thus, we can expect it as an ideal village in our state.

## 1.0 Appendices

### 1.1 Appendix A: Household Survey Schedule

# Household Survey Schedule

(পরিয়ালভিত্তিক সমাজক অধীক্ষা চালনা)

## Village Level Information:

গ্রাম সমষ্টির তথ্য :

(a) Name of the Village (গ্রাম নাম) : Bhatgaj (ভাতগাঁও)

(b) Name of the Development Block: Demow

(ডেভেলপমেন্ট ব্লক) : ডিমো

(c) District (জেল) : Sivasagar (শিবসাগর)

(d) State (রাজ্য) : Assam (অসম)

## Household Information (পরিয়ালৰ তথ্য) :

(a) Head of the Family (পরিয়ালৰ মুখ্যবৃন্দি) :

(b) Income (Rs) আয় (টকা) :

(c) APL/BPL :

(d) Type of Family (পরিয়ালৰ প্রকার) : Joint (যুগ্ম) / Singular (একক)

(e) Others (অন্যান্য) :

No.	Name (নাম)	Relationship with Head of the family (পরিয়ালৰ মুখ্যবৃন্দিৰ সৈতে সম্বন্ধ)	Education (শিক্ষা)	Occupation (জীবিকা)	Age (বয়স)

## Swacchha Bharat Abhiyan (শুভ ভাৰত অভিযান) :

(a) Do you know about SBA? Yes  / No

আপুনি SBA সম্পর্কে জানেনে ? হ্যাঁ  / নহয়

(b) If yes, How do you know?

(যদি জানে, কেনেকৈ?)

News  / Activities of Gaon Panchayat  / NGOs Activities

বাজি  / গ্রাম পঞ্চায়তৰ কাৰ্যসূচী / NGO ৰ কাৰ্যকলাপ

(c) What are the activities undertaken through SBA in your village? (Please Specify)

SBA ৰ অধীনত আপোনাৰ গ্রামত কি কি কাৰ্যসূচী লোৱা হৈছে? (সুনিনিশ্চিত কৰিব)

(i)

(ii)

(iii)

(d) Have you participated in SBA? Yes/No

SBA আপুনি অংশগ্রহণ কৰিছেনো ?

#### 4. Drinking Water Information: (যোবা পানীর তথ্য)

- (a) Source of Drinking water: Tank/Well/River/Tubewell/Water Supply  
যোবা পানীর উৎসঃ
- (b) Do you purify drinking water? Yes/No  
যোবা পানীর বিশুদ্ধীকরণ করেনে?
- (c) If yes, How? Boiling/Homemade Filter/Marketed Filter  
যদি করে, কেনেকে?
- (d) Have your family members suffered from the following diseases in last two years frequently?  
আপোনার পরিয়ালৰ সদসাই যোবা দুটা বছৰত তলত দিয়া বেমোবস্মৃত সংখনে ভুগিছিল নেকি?

#### 5. Sanitation Information (অনাময় তথ্য):

- (a) Do you have open defecation problem in the village?  
আপোনাৰ গাৰিত মুকলি ঠাইত শৈচ কৰাৰ সমস্যাটো আছেন? Yes/No
- (b) Do you have toilets? Yes/No  
পৰিয়ালত শৌচাগাৰ আছেন?
- (c) If yes, then what is the type?  
যদি আছে কেনে প্ৰক্ৰিয়া? Kutcha/Semi Pucca/Pucca
- (d) Have you received the benefit of govt. scheme for construction toilet?  
শৌচাগাৰ নিৰ্মাণৰ বাবে চৰকাৰী আঞ্চনিক সুবিধা পাইছেন?
- (e) Distance of toilet from the House?  
শৌচাগাৰ পৰা শৌচাগাৰ দূৰত্বঃ 5 Meters/10 Meters/ 10 Meters and above

#### 6. Solid Waste Management

(জোটি আৰজন্যাল বাবহাপণা)

- (a) Type of Residual generated: biodegradable / plastics  
(আৰজন্য ধৰণ)
- (b) How do you decompose your bio-degradable wastes?  
ফসলপুত্ৰ আৰজন্যা কেনেকৈ নিষ্কাশন কৰে?  
Throwing open  /Bio-composting   
মুকলি ঠাইত নিষ্কেপ/পচন সাৰ প্ৰক্ৰিয়া
- (c) How do you decompose your plastic wastes?  
প্লাস্টিক জাতীয় আৰজন্যা কেনেদেৰে নিষ্কাশন কৰে?  
Throwing in open  /Burning   
মুকলি ঠাইত নিষ্কেপ/(দহন)
- (d) Do you segregate waste?  
আৰজন্যা পৃথকীকৰণ কৰেনে? Yes/No
- (e) Do you have segregate dustbin for plastics?  
প্লাস্টিকজাতীয় আৰজন্যাল বাবে ধৰত পৃথক ডাষ্টবিন আছেনে? Yes/No

Date:

Signature of Interviewer

**Declaration:** [All data collected through this schedule will only be used for preparation and implementation of SBSI activities]

## 11.9 : Appendix B :



References:

- \* Rai. A.N - Environmental Education  
Goyal Brothers Prakashan
- \* Pandey. Dr. P.K. Saikia. Meghalai -  
Environmental Studies  
Mahaveer Publications