



Government Degree College (M), Srikakulam



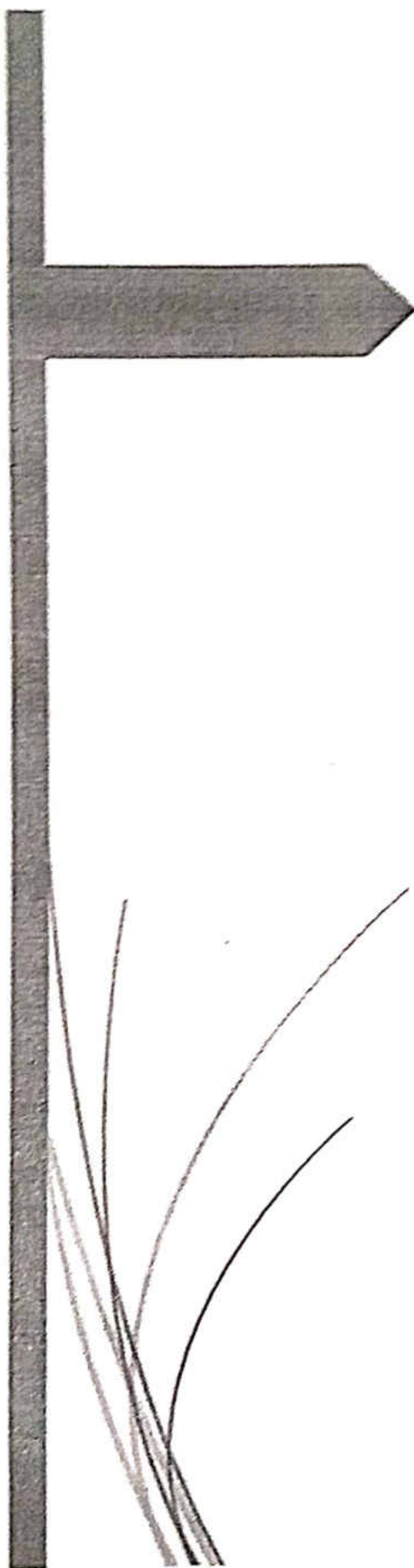
CSP Internal Assessment (2022-2023)

Name of the Student	kottapalli .Harsha Priya	
Class & Year of Study	I st (Bsc.Btz.c(IT, gem) 2022-2023	
Registered Mobile Number	9014095271	
Assessment Component	Max Marks	Marks Secured
1.Project Log	20	20
2.Project Implementation	35	35
3.Project Report	25	24
4.Presentation	25	24
Total out of 100	100	98

1.Signature of the mentor: M. P. X.

2.Signature of the faculty of the same course: RA.

3.Faculty from the languages: E.



Program Book

Community Service Project

**AP STATE COUNCIL OF HIGHER
EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

Program Book for Community Service Project

Name of the Student: Kottapalli. Harsha Priya

Name of the College: Government Degree College (Men), Srikakulam

Registration Number: 2222001123004

Period of CSP: 5 weeks From: 17-05-23 To: 20-6-23

Name & Address of the Community/Habitation: Baruda - Village

Sompeta Mandal, Srikakulam

district . Andhra Pradesh State

Pincode: 532263

Community Service Project Report

Submitted in accordance with the requirement for the degree of.....

Name of the College: Government Degree college (Men), Srikakulam.

Department: Biotechnology

Name of the Faculty Guide: S. Ravi Babu

Duration of the CSP: From 17-5-23 To 20-6-23

Name of the Student: Kottapalli Harsha praj

Programme of Study Testing of PH and TDS of water

Year of Study: 2022-2023

Register Number: 2222001123004

Date of Submission:

Student's Declaration

I, K. Harsha Priya student of CSP Program, Reg. No. 22220112304 of the Department of Btzc, GDCM. College do hereby declare that I have completed the mandatory community service from 17-5-23 to 20-6-23 in Baruda.... (Name of the Community/Habitation) under the Faculty Guideship of S. Ravi Babu, (Name of the Faculty Guide), Department of Zoology in GDCM, Srikakulam College

(Signature and Date)

Endorsements

Faculty Guide

Head of the Department

Principal

Certificate from Official of the Community

This is to certify that K. Harsha Priya (Name of the Community Service Volunteer) Reg. No 222202112304 of GDC(Men) Sklm (Name of the College) underwent community service in Baruda..(Village).. (Name of the Community) from 17-5-23... to 29-6-23.....

The overall performance of the Community Service Volunteer during his/her community service is found to be Good..... (Satisfactory/Good).


Authorized Signatory with Date and Seal

ACKNOWLEDGEMENTS

First and foremost, prayers & thanks to God, the Almighty for his blessings to complete the project successfully.

I salute the Honorable chief minister of Andhra Pradesh who always cares for the welfare of the students of his State and who allocates a major share of the budget for Education sector, and who thinks in a novel way for taking the initiative to implement the community service project, as an integral part of NEP 2020.

I sincerely thank Dr. Polam Bhaskar, commissioner of collegiate Education Andhrapradesh for this vision in implementing the community service project (CSP) in accordance with the NEP-2020, which gives the common student hands on experience, to deal with the problems that confront him in his day to day life.

I am extremely grateful to the authorities of Dr. B.R. Ambedkar University, Srikakulam for their support.

I am indebted to Dr. P. Surekha, Principal of Government Degree College (men) Srikakulam for her relentless efforts in enlightening the students by conducting various workshops for effective implementation of this Herculean project.

I am grateful to Dr. S. Sasi Bhusan, Lecturer in English and co-ordinator of community service project for letting us know the importance of this project and inculcating in us the stream of social consciousness which is very essential in our demeanour.

My gratitude is due to the in-charges of the Departments of Biotechnology, zoology and chemistry for their supervision and inspirational attitude towards the students.

I acknowledge the patience and Endurance of our Mentor Mr. M. Pradeep in bringing out this project successfully. I am greatly appreciate of all guidance and support provided by Dr. Ch. ShanthyDevi and Dr. R. Hooritha throughout the entire project work.

I can't forget the kind cooperation and empathy of the sarpanch of Barua Village, Srikakulam District in making me to stand before the society as a disciplined student, for which I am due to him.

CHAPTER 1: EXECUTIVE SUMMARY

The community service report shall have only a one-page executive summary. It shall include a brief description of the Community and summary of all the activities done by the student in CSP and five or more learning objectives and outcomes.

Main objective of the project :-

- Microbial analysis of water.
- capacity building of the public in terms of creating awareness among the public about the Microbial and pH analysis of drinking water.
- creating awareness in the mode of their drinking water sources.

The strategy adapted is to :-

- To identify a potential rural village as the target area.
- To promote awareness in microbial analysis of their drinking water.
- Identification and review of their drinking water sources.
- Survey on the accessibility of the water sources.
- Survey on the utilization of the mode of drinking water.
- Generation and analysis of statistical data.
- Recommendations for maximum and effective mode of drinking water.

CHAPTER 2: OVERVIEW OF THE COMMUNITY

- About the Community/Village/Habitation including historical profile of the community/habitation, community diversity, traditions, ethics and values.
- Brief note on Socio-Economic conditions of the Community/Habitation.

→ Locality Name :- Baruwa
→ Mandal Name :- Sompeta
→ District :- Srikakulam
→ State :- Andhra Pradesh
→ Region :- Andhra
→ Language :- Telugu
→ Current Time :- 5:29 PM
→ Time zone :- IST [UTC + 5:30]
→ Elevation / Altitude :- 248 Meters. Above sea level
→ Telephone code / Std code :- 08947

About Baruwa :-

Baruwa is a Village in Sompeta Mandal in Srikakulam district of Andhrapradesh state, India. It belongs to Andhra region. It is located 114 KM towards East from District head quarters Srikakulam. 4 KM from Sompeta. 778 KM from state capital Hyderabad.

Baruwa pin code is 532263 and postal head office is Baruwa.

Baruwa is surrounded by Mandasa Mandal towards west, Kanchili Mandal towards North, Kavit Mandal towards North, Palasa Mandal towards west.

Demographics of Baruda:-

Total Population of Baruda	5,795
Males	2,768
Females	3,027
Living houses	1,518
Total area of Baruda	629 hectares

How to reach Baruda:-

By Road:-

Ichchapuram is the Nearest Town to Baruda. Road connectivity is there from Ichchapuram to Baruda. Ichchapuram is 27.43km from Baruda.

By Rail:-

Baruda Railway Station is the very nearby railway station to Baruda. Ichchapuram Railway Station, Sunk Road Railway Station are the Railway Stations near to Ichchapuram. You can reach from Ichchapuram to Baruda by Road after.

By Bus:-

Baruda APSRTC Bus Station, Sompeta - APSRTC Bus Station, Haripuram APSRTC Bus Station are the nearby Bus Stations to Baruda. APSRTC runs number of busses from major cities to here,

Schools in Barunda

→ Zphs Barunda

→ Kinder Garten T&E Medium

Govt Health Centers near Barunda

→ Barunda-1, 5-50204, , Barunda

→ Barunda-2, , Beach road, Barunda

→ Battigalluru, , , Battigalluru

CHAPTER 3: COMMUNITY SERVICE PART

Description of the Activities undertaken in the Community during the Community Service Project. This part could end by reflecting on what kind of values, life skills, and technical skills the student acquired.

Where we done community service project:-

- * We choosed Baruda Village to survey a part of community service project and we asked questions to the house holders.
- * We asked questions to households like:-
 - How they use water for drinking?
 - What are the sources of water for drinking?
 - Is there any diseases comes from this drinking water?

Intervention project:-

The only way to provide effective ease to huge number of people in need in india is through community participation which can be achieved by creating awareness and disseminating information regarding the benefits available under various water resources to the citizens on how to know the purity.

And also this project served as a bridge in between the villages and us through community participation. It will be the principle source of information on water resources of rural population of Andhra Pradesh.

This survey lies in the ability to categorize the water microbial analysis, characteristics by many demographic and socio economic characteristics.

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	House Surveyed Door No:- 5-13-510 / 5-6-234 / 5-3-96	Record of Socio- Economic Survey Statistics.	k. Harsha Prinja
Day - 2	House Surveyed Door No:- 5-4-146 / 5-13-508 / 5-13-509	Record of Socio- Economic Survey Statistics.	k. Harsha Prinja
Day - 3	House Surveyed Door No:- 5-13-501 / 5-1-42 / 5-13-571	Record of Socio- Economic Survey Statistics.	k. Harsha Prinja
Day - 4	House Surveyed Door No:- 5-13-607 / 5-1-502 / 4-5-399	Record of Socio- Economic Survey Statistics.	k. Harsha Prinja
Day - 5	House Surveyed Door No:- 5-13-563 / 5-10-388 / 5-13-650	Record of Socio- Economic Survey Statistics.	k. Harsha Prinja
Day - 6	House Surveyed Door No:- 5-13-701 / 5-11-427 / 5-11-459	Record of Socio- Economic Survey Statistics.	k. Harsha Prinja

WEEKLY REPORT

WEEK - 1 (From Dt 17-05-23 to Dt 23-05-23)

Objective of the Activity Done:

Detailed Report:

I visited and surveyed the houses of door numbers 5-13-510 / 5-6-234 / 5-3-96 for the record of Socio-Economic Survey.

I visited the houses on the second day of door numbers 5-4-146 / 5-13-508 / 5-13-509 to survey their details for Socio-Economic Survey.

I visited the houses on the third day of door numbers 5-13-501 / 5-13-42 / 5-13-571 to survey their details for Socio-Economic Survey.

I visited the houses on the fourth day of door numbers 5-13-607 / 5-1-502 / 4-5-399 to survey their details for Socio Economic Survey.

I visited the houses on the fifth day of door numbers 5-13-563 / 5-10-388 / 5-13-650 to survey their details for Socio-Economic Survey.

I visited the houses on the sixth day of door numbers 5-13-701 / 5-11-427 / 5-11-459 to survey their details for Socio-Economic Survey.

ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	House Surveyed Doc No:- 5-13-545 / 5-18-661 / 5-13-547	Record of Socio- Economic Survey Statistics.	K. Harsha Prinja
Day - 2	House Surveyed Doc No:- 5-13-548 / 1-1-21 / 5-13-544	Record of Socio- Economic Survey Statistics.	K. Harsha Prinja
Day - 3	House Surveyed Doc No:- 5-13-549 / 5-13-550 / 5-11-439	Record of Socio- Economic Survey Statistics.	K. Harsha Prinja
Day - 4	House Surveyed Doc No:- 6-7-334 / 7-12-30 / 5-13-552	Record of Socio- Economic Survey Statistics.	K. Harsha Prinja
Day - 5	House Surveyed Doc No:- 12-8-41 / 5-13-627 / 5-13-642	Record of Socio- Economic Survey Statistics.	K. Harsha Prinja
Day - 6	House Surveyed Doc No:- 5-13-538 / 5-13-562 / 5-4-160	Record of Socio- Economic Survey Statistics.	K. Harsha Prinja

WEEKLY REPORT

WEEK - 2 (From Dt. 24-05-23 to Dt. 30-05-23)

Objective of the Activity Done:

Detailed Report:

On the first day of second week, I visited and surveyed the houses of door numbers 5-13-545/5-18-661/5-13-547 of Socio-Economic Survey.

I visited and surveyed the houses on second day of door numbers 5-13-548/1-1-21/5-13-544 of Socio-Economic Survey.

I visited and surveyed the houses on the third day of door numbers 5-13-549/5-13-550/5-11-439 of Socio-Economic Survey.

I visited and surveyed the houses on the fourth day of door numbers 6-7-334/7-12-30/5-13-552 of Socio-Economic Survey.

I visited and surveyed the houses on the fifth day of door numbers 12-8-41/5-13-627/5-13-642 of Socio-Economic Survey.

I visited and surveyed the houses on the sixth day of door numbers 5-13-538/5-13-562/5-4-160 of Socio-Economic Survey.

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Preparation of placards based on microbial analysis of water.	preparatory work for creativity work.	K. Harsha Prinja
Day - 2	preparation of placards based on microbial analysis of water.	preparatory work for Creativity work.	K. Harsha Prinja
Day - 3	Preparation for meeting rally and gathered some people we did rally in Street-1.	preparatory work and awareness among the community.	K. Harsha Prinja
Day - 4	I gathered some people and did rally in Street of-2.	Awareness among the community.	K. Harsha Prinja
Day - 5	I gathered some people and we did rally in Street of 3 and 4.	Awareness among the community.	K. Harsha Prinja
Day - 6	I gathered some people and did rally in streets of 5 and 6.	Awareness among the community.	K. Harsha Prinja

WEEKLY REPORT

WEEK - 3 (From Dt. 3.1.23 to Dt. 6.1.23..)

Objective of the Activity Done:

Detailed Report:

- For the first two days of week-3 I prepared the placards, with for creativity work based on the "Microbial analysis of water" for rally.
- I gathered some people and we all did rally in Street 1-10 for creating awareness among the community on third day.
- on the fourth day, I gathered some people and did rally in Street-2 to create awareness among the community.
- on the fifth day, I gathered some people and we all did rally in Street 3 and 4 to create awareness among the community.
- on the sixth day, I gathered some people and we all did rally in Street 5 and 6 to create awareness among the community.

ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	I interacted with the community - people one on one in Street-1.	knowing about their problems	K. Harsha Prinja
Day - 2	I interacted with the community people one on one in Street-2	knowing about their problems.	K. Harsha Prinja
Day - 3	I interacted with the community people one on one in Street-3	knowing about their problems	K. Harsha Prinja
Day - 4	I interacted with the community people one on one in Street-4	knowing about their problems.	K. Harsha Prinja
Day - 5	I interacted with the community people one on one in Street-5	knowing about their problems.	K. Harsha Prinja
Day - 6	I interacted with the community people one on one in Street-6	knowing about their problems	K. Harsha Prinja

WEEKLY REPORT

WEEK - 4 (From Dt. 1-06-23. to Dt. 13-06-23.)

Objective of the Activity Done:

Detailed Report:

- I planned this week for interaction. so on the first day of fourth week I interacted with the community people one on one of Street -1 to know about their problems.
- on the second day I interacted with the community people one on one of Street -2 to know about their problems.
- on the third day. I interacted with the community people one on one of Street-3 to know about their problems.
- on the fourth day. I interacted with the community people one on one of Street-4 to know about their problems.
- on the fifth day. I interacted with the community people one on one of Street-5 to know about their problems.
- on the sixth day, I interacted with the community people one on one of Street -6 to know about their problems.

ACTIVITY LOG FOR THE FIFTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Interaction with municipal officer on water resources with the people	Improve knowledge about water analysis.	K. Harsha Pruthi
Day - 2	Interaction with Sarpanch and gram volunteers of those people.	Awareness about Microbial analysis of water.	K. Harsha Pruthi
Day - 3	Providing awareness to people about their drinking water resources.	Learning about the water analysis	K. Harsha Pruthi
Day - 4	Training the people to purify water before they drinking.	Learning about the natural mode of drinking water.	K. Harsha Pruthi
Day - 5	Provided information about Microbial analysis of their drinking water.	Awareness about govt. supplements of water.	K. Harsha Pruthi
Day - 6	Giving information about the modes of drinking water at that area.	Awareness about Microbial analysis of water.	K. Harsha Pruthi

WEEKLY REPORT

WEEK - 5 (From Dt. 14-6-23. to Dt. 20-6-23.)

Objective of the Activity Done:

Detailed Report:

on the first day of week 5. I took the help of a researcher to tell the importance of water purifying with the community people.

on the second day along with the grama volunteer. we tried to let people know about the awareness of water analysis.

on the third day, I worked with Educated people to interact with people who knows all about the View of Microbial analysis of water.

on the fourth day, I took the initiative to encourage the community members with head of the village for the awareness among the community people.

on the fifth day, with all the supporters together. I took the aim to personally make the people on different modes of drinking water.

on the sixth day, with all the supporters together. I took the aim - to personally make the people on different modes of drinking water.



GOVERNMENT DEGREE COLLEGE (M), SRIKAKULAM

COMMUNITY SERVICE PROJECT

SOCIO - ECONOMIC SURVEY

Name of the Student :

Group :

Registration Number :

Area of the Survey conducted:

House No.		Habitat /Ward		Panchayat /Municipality	
Post office		Mandal		District	

1. Household Details:

S.No.	Name of the Person	Gender M/F	Age	Education	Profession/ Employment	Income (Daily wage/Weekly/ Monthly)

2. Social Status details:

(I) Community: SC/ST/ BC-A-B-C-D/ OC (II) Sub-Caste: (III) Religion:

3. Economic Status details:

(I) Type of House: Hut/ Semi Pucca/ Pucca/ Apartment/ Bungalow

(ii) House status (Own/ Rented):

(iii) Drinking Water facility: Well/ Bore-well/ Govt. Tap connection

(iv) Availability of Agricultural land: Yes/ No

(v) Extent of Agricultural land: _____ Acres

(vi) Livestock resources: Cows _____ Oxen _____ Buffaloes _____ Sheep/Goats _____

(vii) Do you have own toilet? Yes/No

(viii) Type Cooking fuel used: LPG/Kerosene/ Wood/ others specify_____

(ix) Do you have white Ratlon Card? Yes/No

(x) Do you have vehicle? Two-wheeler/ Auto/ Car/ Any other vehicle

4. Health Details:

(i) Allments In family:

(ii) Treatment In which Hospital: Govt/Private

(iii) Any PWD Persons In family: Yes/No

S.No.	Name of the Person	Gender	Age	Nature of Disability

(iv) Do you have Govt. Arogya Sri Card: Yes/No

5. Other Details:

(i) Do You have TV: Yes/No

(ii) Do you have Mobile: Yes

(iii) Mobile Number:

(iv) Do you have Computer/Laptop: Yes/No

(v) Is Internet available at home: Yes/No

6. Any specific problems Identified in the village/ Ward:

(i)

(ii)

(iii)

Place:

Date:

Signature of the Student

Signature of the Mentor

House no.	Name of the house holders	Age	Gender	Aadhar number	Phone number	Education	caste	Religion	job govt/pvt/ buss	Source of drinking water	Extend of Agriculture land	Mode of irrigation	Types of soil	No of animals types of animals	Rotation of crops
S-13-510	D.lalaksi	45 F		365781062659	7095923402	-	BC-A	Hindu	agriculture labour	Tap water	-	-	-	-	-
	D.owathi	19 F		328550650229	7989736052	Degree			studying						
	D.vinod	26 M		463781645600	8186088053	inter			private						
S-6-234	Tinnala janardhana	44 M		782740306390	-	-	BC	Hindu	Farmer	Tap water	1Acre	pond water	Black soil	-	paddy
	T.Alekya	35 F		555372594098	9618869652	10th			govt						
	T.Dinesh	18 M		949976789425	8142610075	IT			studying						
	T.Aseena	17 F		639261031355	-	inter			studying						
S-3-969	S.lamesh	45 M		868870216201	7793973246	-	BC-A	Hindu	Farmer	Tap water	1Acre	pond water	Black doil	2-ox	paddy, vegetables
	S.Dhanalaxmi	40 F		456830135379	-	-			Agriculture labour						
	S.sangeeta	19 F		518109754560	-	inter			-						
	S.Divendra	15 M		263006446159	-	10th			Studying						
S-4-146	S.Mukundarao	46 M		529167178212	6309240150	-	Bc-A	Hindu	Farmer	Tap water	70 cents	pond water	Black soil	2-ox	Paddy, vegetables
	S.Eswari	40 F		871633593982	-	-			House wife						
	S.jyothi	21 F		674447480480	-	Degree			un emply						
	S.sai krishna	17 M		602302624895	-	inter			studying						
S-13-508	k.Tharinayya	50 M		532786400670	9177433464	-	Bc-A	Hindu	Private	Tap water	-	-	-	-	-
	k.Lakshmi kantom	46 F		650391388644	-	-			Agriculture labour						
	k.Mamatha	17 F		967479169444	-	inter			Studying						
S-13-509	G.Mohannaro	30 M		201878772805	7702810104	10th	Bc-A	Hindu	private	Tap water	-	-	-	-	-
	G.Swapna	28 F		488048940398	9618122094	inter			House wife						
	G.Jevardan	3 M		709238102176	-	-			-						
S-13-501	E.Hemavathi	44 F		812895490484	-	-	BC-A	Hindu	Agriculture labour	Tap water	-	-	-	-	-
	E.Meenakumari	26 F		602664964731	8008895110	MS.c			un emply						
S-1-424	T.Ganesh	43 M		64175680587	99512894748	-	BC-A	Hindu	Private	Tap water	-	-	-	-	-
	T.Karthik	17 M		728644625863	-	inter			studying						
	T.jyothi	38 F		551151308062	-	-			House wife						
S-13-571	P.Kali	49 M		304661371136	9551890984	-	BC-A	Hindu	-	Tap water	-	-	-	-	-
	P.Hemavathi	44 F		685254336395	-	-			Agriculture labour						
S-13-607	P.Jagadesh	45 M		688142652308	9032505587	-	BC-A	Hindu	Daily labour	Tap water	-	-	-	-	-
	P.Suman	21 M		735428383194	8297282916	Degree			studying						
	P.Upendra	19 M		412853818878	9640413261	inter			private						
	P.Nirmala	37 F		835771457035	9505704887	-			Agriculture labour						
S-1-502	G.Anand	40 M		825668714432	8886311753	-	S.C	Hindu	Daily labour	Tap water	-	-	-	-	-
	G.Rajeswari	35 F		438241551276	7997061060	-			House wife						
	G.Akhil	14 M		725942419639	-	9th			Studying						
	G.Ashish	17 M		800126985127	-	inter			Studying						
4-5-999	B.Venkaresh	43 M		939365470109	9704280030	-	S.C	Hindu	Daily labour	Tap water	-	-	-	-	-
	B.Kumari	38 F		474720591470	8074791288	-			Labour work						
	B.Sandhya	19 F		546009916491	-	Degree			Studying						
	B.Krishna veni	18 F		680915372884	-	inter			Studying						
S-13-563	P.Abimanya	45 M		279551783708	7659839800	-	B.C	Hindu	Labour work	Bore water	-	-	-	-	-
	P.Karuna	39 F		227464760448	-	10th			Tailor						
	P.ganesh	18 M		407153823248	8712109800	IT			Studying						
S-10-388	P.Balanima	71 F		402572857907	-	-	B.C	Hindu	-	Bore water	-	-	-	-	-

[illegible]

	G.Srinu	42 M	942807016102		9704265534	-	Daily labour						
	G.Rameth	20 M	611929665748		7032462707	Degree	private						
	G.Haritha	17 F	587105621977			10th	-						
12-8-413	K.Simbhadamma	72 F	388507473363			-	Hindu	Bore water					
	K.Eswari	47 F	385587426394				B.C						
S-13-527	A.Uday	21 M	6644448100410		7997170378	-	Hindu	Agriculture labour					
	A.Usha	38 F	306999450805		9182737317	Degree	Hindu	Un-empoly	Tap water				
	A.Muketh	19 M	86314798563		7661053060	8th		House wife					
	A.Kumarao	45 M	453967809345					studying					
S-13-642	D.Uma maheswarrao	67 M	646136581005				Hindu	Milk-Business					
	D.Ammulu	53 F	903742143651				B.C	Tailor	Tap water				
S-13-538	W.Rukmini	55 F	450906813641		9704792431	-	Hindu	House wife					
	W.Prashant kumar	31 M	35684289212		9676204808	Degree		Agriculture labour	Tap water				
	W.Gunumurthy	63 M	659534143490		7288020383	-		Daily labour					
	W.Jayalaxmi	33 F	547419350188					House wife					
S-13-562	P.chandrawathi	49 F	656894302785		9676204808	Degree		House wife					
	P.Domburu	55 M	666143632717			-	Christian	Daily labour	Tap water				
	P.Tejaswarao	24 M	891462735805		7702720783	IT		Labour work					
S-4-160	P.Ravi Prasad	36 M	595853394725		8855313476	-	Christian	Private					
	P.Meena	31 F	6529533916091		8340998052	-		Daily labour	Well water				
	P.Tejaswarao	6 M	805525911338			1st		Labour work					
	P.Dileswarao	3 M	450457458598			-		studying					
	P.Anand	10 M	501608095855			-		-					
7-3-253	S.Purna	42 F	838458337809		9666213638		Hindu	Studying					
	S.vani	19 F	510627254921		8142817784	Pharma-D		private	Tap water				
S-6-108	K.Dipak kumar	18 M	893436534114		8500362759	B.Tech		studying					
	K.Devi	35 F	295954301621			-	Hindu	studying	Tap water				
	K.Divya	17 F	552821279441			Inter		House wife					
	K.Vijay kumar	45 M	617110388739		9395587873	Degree		Studying					
S-4-156	G.Laxmi	34 F	765881097056			-	Christian	Govt					
	G.Varan	17 M	62414759400		9000700526	Inter		Daily labour	Well water				
	G.Divya	14 F	712821411543			-		Studying					
	G.Eswaramma	57 F	925601507783			-		-					
S-3-542	T.Kameshwari	47 F	862476319536			-	Hindu	penlion	Tap water				
	T.Trinath	28 M	907162510455		7008918550	7th		private					
S-1-106	P.Pramila	38 F	831427833540			-	Hindu	Studying	Tap water				
	P.pujitha	19 F	929273624093		9581800405	Degree		Tailor					
	P.Lakshita	17 F	904915194500			Inter		Studying					
	P.Muketh	14 M	647456264782			9th		Studying					
S-12-641	K.Dhileswari	38 F	643882335991		6302563810	10th	Hindu	House wife	Tap water				
	K.Ganesh	13 M	793978196883			9th		Studying					
	K.Preml	17 F	893642140670			Inter		Studying					
	K.Ramarao	48 M	747825557662		9701665523	10th		private					
	K.Haritha priya	19 F	351776126182		9014094371	Degree		studying					
S-11-443	N.Laxpurna	70 M	894026161032		8493016763	-	Hindu	studying	well water				
	N.Gunamma	65 F	250431790407			-		Daily labour					
S-11-443	K.Saraswathi	64 F	745126603111		5515400946	6th	Hindu	House wife	Tap water				
S-4-443	P.Krishnavenil	50 F	905914587920		8297730923	Inter	Hindu	Penlion	Tap water				

CHAPTER 5: OUTCOMES DESCRIPTION

Details of the Socio-Economic Survey of the Village/Habitation. Attach the questionnaire prepared for the survey.

Socio-Economic Survey was conducted in Banda Village of Sonpeta Mandal in Srikakulam district of Andhra Pradesh, India. We selected this area to have Socio-Economic Survey as it had many types of people with different skills. People of that village were familiar with us in finding of their details which include the no. of people, caste, their Education, water resources, land, transport, income, their poultry, about electrical gadgets in their houses etc. We had a brief account of their lives by this information. Then we noticed that the scarcity of pure drinking water is caused to them. As their water had large content of TDS and pH which we tested was not supposed to drink. So, we began to drink boiled water and also we took an initiation to increase their water supply from the government which we noticed as the 100% outcome of our project. The questionnaire that were asked to them as follows; Name of the person and their family financial status, category, about their Village Sub-division, Government Health Schemes, their religion and also their permanent address. The all about the Socio-Economic Survey is of that village is shown by Route map.

Description of the Community awareness programme/s conducted w.r.t the problems and their outcomes.

Community awareness was created in the people by many ways. There we gathered some of villagers on a day and prepared some placards to communicate with the villagers in a way of rally. we prepared some slogans which create awareness in the people to educate them. on the next day we arranged some meeting along with to educate the illiterate people by research observations and also we provided some ways to do and overcome the purity of drinking water by boiling the water and also we provide calcium to remove hardness in the water. we collected some of the peoples opinion about this survey for the report to be submitted which can assure some relieve to the people. we come with the outcomes in the form of short term action plan and long term action plan which includes the plan for supply of water to every house by filtration and also to increase the water supply to the villagers. usage of water saving appliances & by promoting EcoRoof Machines for managing their water quality and also 'Helio' a device which produce safe-drinking water from water resources. Most of the outcomes that we got from this project is that water is precious, mainly drinking water supply to all is difficult and mainly they asked us to provide better supply of water for a period of time in a day and a healthy water supply to them.

Short-term and long term action plan for possible solutions for the problems identified and that could be recommended to the concerned authorities for implementation.

Short term action plan: Providing of water sufficiently to every house in the village.

- purity can increased by reverse osmosis technology and also by replacements of water resources with new ones as like drilling of new wells and bores.
- using Boiled water rather than cold water.

Long term action plan:

- Water is one of the most precious resources on the planet.
- We use "water saving Aerators" in handwash and sinks.
- By promoting "Ecofriendly" machines for managing their water quality.
- By using water purifiers like reverse osmosis technology.
- Some rivers are consist of huge algae for this, we use "Chemical free solution" to monitor and control, algae blooms in rivers.
- using Desalinator which is solar powered distillation systems for desalination of water.
- "Helio" is a device which produce safe water from Non-drinkable water sources.
- Membrane filtration process "Reverse osmosis" and "Electrodialysis" methods are used to reduce the content of salts in drinking water.

Describe the problems you have identified in the community

We selected Banura Village in the Socio-Economic Survey for collecting details according to our questionnaire.

It is related to water mostly. The problem that we observed are mostly about scarcity of drinking water and purified drinking water. The Villagers are unaware of pure drinking water. They had lack of modes of drinking water. Even they do not rise their voice to the government for better water supply.

The borewell water are enough to drinking but it is far away from houses. The people in Banura Village are went to that borewell for drinking water during summer. because in summer they didn't get the sufficient water to them. There is a lot of scarcity of water in this Village. only few of them were able to buy water from mineral plants, so many people were suffer to get drinking water. They were unable to had mineral water at low cost. Any other mineral plants are not located near to their Village.

Water scarcity limits access to safe water for drinking and for practising basic hygiene at home, in schools and health care facilities in the Village.

Report of the mini-project work done in the related subject w.r.t the habitation/village.

A mini-project work in the related subject w.r.t the habitation/village. (For ex., a student of Botany may do a project on Organic Farming or Horticulture or usage of biofertilizers or biopesticides or effect of the inorganic pesticides, etc. A student of Zoology may do a project on Aquaculture practices or animal husbandry or poultry or health and hygiene or Blood group analysis or survey on the Hypertension or survey on the prevalence of diabetes, etc.

The Report shall be limited to 6 pages.

Water :-

Fresh water being one of the basic necessities for sustenance of life. The human race through the ages has striven to locate and develop it. Water is a vital source of life in its natural state is free from pollution but when man tampers the waterbody it loses its natural condition. Ground water has become an essential resource over the past few decades due to increase in its usage for drinking irrigation and industrial uses etc. In the last few decades there has been a tremendous increase in the demand of freshwater. due to rapid growth of population and the accelerated pace of industrialization. Human health is threatened by most of the agricultural development activities particularly in relation to excessive applications of fertilizers and unsanitary conditions. Rapid urbanization especially in developing countries.

India has affected the availability and quality of groundwater due to its over exploitation and improper waste disposal especially in the urban areas. According to WHO organization about 80% of all the diseases in human beings are water borne. Further groundwater and the pollutants it may carry move with the source of pollution and degradation. In groundwater quality remains undetected. For years once the groundwater is combined its quality cannot be restored by arresting the pollutants from the source polluted water is combined its quality cannot be restored by arresting the pollutants from the source polluted water lead to various gastrointestinal problems, liver infections, tropical diseases and terminal diseases like cancer. Children are often the worst affected dying in large number because diarrhoea. Hence the quality of water is equally important as that quantity.

Water can be tested by physical methods at home level by pH and TDS in which it can show the water purification to use it as drinking water.

We collect some water sample from village name as Baruva of Srikanthapur district.

Measurement of PH of water samples-

1. Get to know the PH by using Litmus papers-

Litmus papers are strips of paper that contain an acid or a base. The most common of these are red and blue. The red strips turn blue if the substance is alkaline and blue strips turn red if the substance is acid. Litmus papers can be used to provide a quick and easy test, but it can give a result.

2. Collect a sample of water in a clean vessel:-

The water sample must be deep enough to cover the test strip.

3. Dip a test strip into the sample:-

Just a few seconds of exposure will suffice. The different indicated bars on the paper will begin changing color within a few moments.

4. Compare the test strip with the color chart that came with the paper:-

The color on the chart was matched to one of its color of the test strip. The chart correlate color patterns to the PH levels.

The PH of the water sample which we collected from Borewell had 7.8 of the tap water and borewell.

Measurement of TDS - Using filter paper and a scale of the water sample :-

Weigh the evaporating dish:-

Measure the evaporating dish using a weighing machine and note the reading in mg. before we measure the weight of the evaporating ensure that the dish is completely empty dry and free from any of extraneous matter.

Stir the water sample:-

Stir the water sample vigorously. So that the matter present in the water can be dispersed equally throughout the water sample.

Collect the water sample:-

Take some of water sample using a pipette while taking the water sample. Ensure that no matters are settled down on the container bottom. If the matter settled down on the container's bottom. Stir the water sample, because if the matter is not dispersed equally then reading will not be accurate.

Extract the filtrate:-

Now, pour the water sample into the container through the filter paper. Repeat this process at least 3 times to ensure that the matter is entirely collected in the filter paper and transfer to the evaporating dish.

Weigh the evaporating dish with filtrate:-

Allow the present matter to dry completely, then weigh evaporating dish with extracted filtrate and note the reading in mg and calculate the TDS.

$$TDS = (A-B) \times 1000 / 50 \text{ ml}$$

A - Evaporating dish weight with filtrate in mg.

B - Empty evaporating dish weight in mg taken.

$$TDS = \frac{(50 - 7.5) \times 1000}{50 \text{ ml}}$$

$$TDS = \frac{42.5 \times 1000}{50}$$

$$TDS = 42.5 \times 20$$

$$TDS = 850 \text{ ppm.}$$

→ TDS of the given solution which is taken from the Barunda Village Tapwater is 850 ppm.

→ TDS which is above 400 is not good for drinking. It is poor to drink which is not suitable. So they use the public supplied drinking water.

Water purification can remove all the unnecessary bacteria and viruses from the water that is hazardous for our health. Water purification may also improve the flavour and appearance of the water. It removes the unpleasant odour.

Freshwater is a finite and limited resource on the Earth and increasingly much of it is polluted by both pathogenic microbes and chemical contaminants.

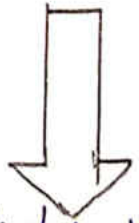
As there is scarcity in drinking water in Barua Village. The main source of drinking water of them is tap water. So we just advised to them that their drinking water should be boiled for better health conditions. We also suggested them to not to store that water for many days to prevent fungal growth. We had a meeting with the volunteer's president to take care of water cleaning. And also we put a step forward to increase their water supply at all time.

We create awareness among the villages about the healthy drinking water and its benefits to them.

Selection of Baruva village in Srikakulam district, Andhra Pradesh as the study area due to its rural and backward status.



Identification of 50 households for the demographic survey and identification of water resources and mode of drinking water being improved by the people.



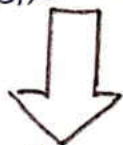
A cross section study was conducted by administering a well structured questionnaire which is comprised of three sections assessing knowledge, awareness and utilization of drinking water.



Proactive awareness programmes on the PH & TDS analysis of water.



Statistical analysis of the collected data.



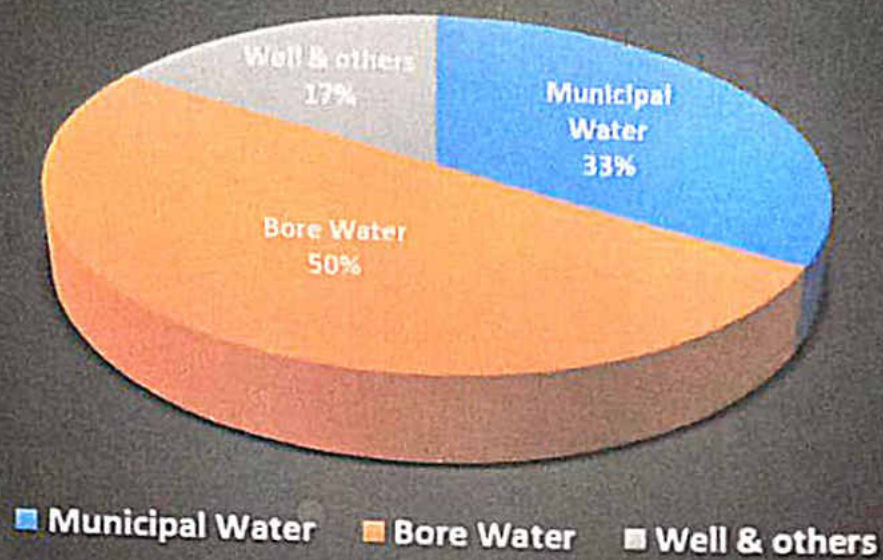
Steps proposed for more effective implementation and utilization of the pure water.

CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT

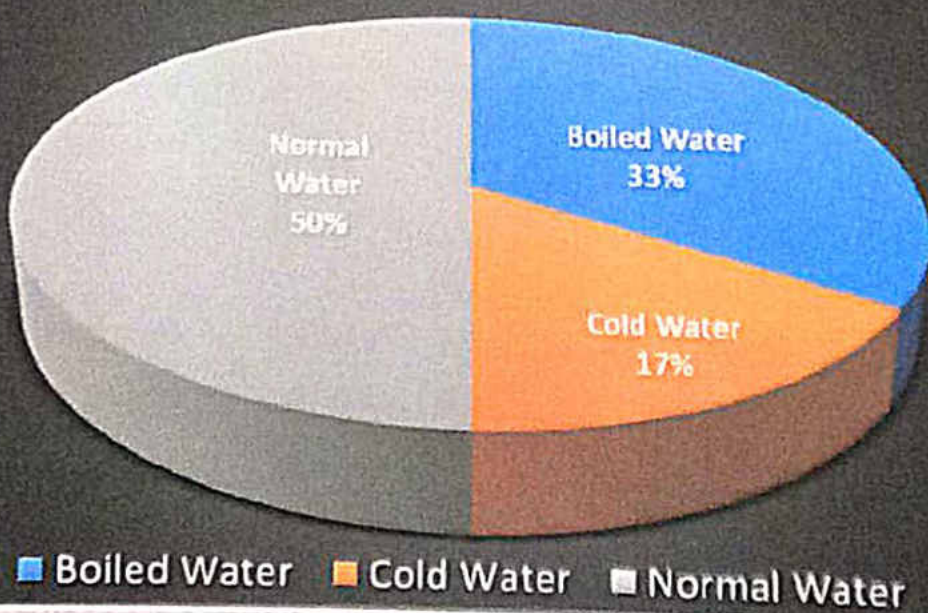
Water plays a key role in everyone's life. As a healthy water is needed in everyone's life. They also asked us to provide healthy water resources for them to drink so that we provide short term action plan and long term action plan which includes in the supply of sufficient good water everyday by filtration and providing water facilities. In the long action plan term includes usage of water saving aerators and by promoting Ecofit mechanisms for managing their water quality, And also 'Helio' a device which produce safe water from non-drinkable water resources. Most of the known and acceptable suggestion is to drink water by boiling.

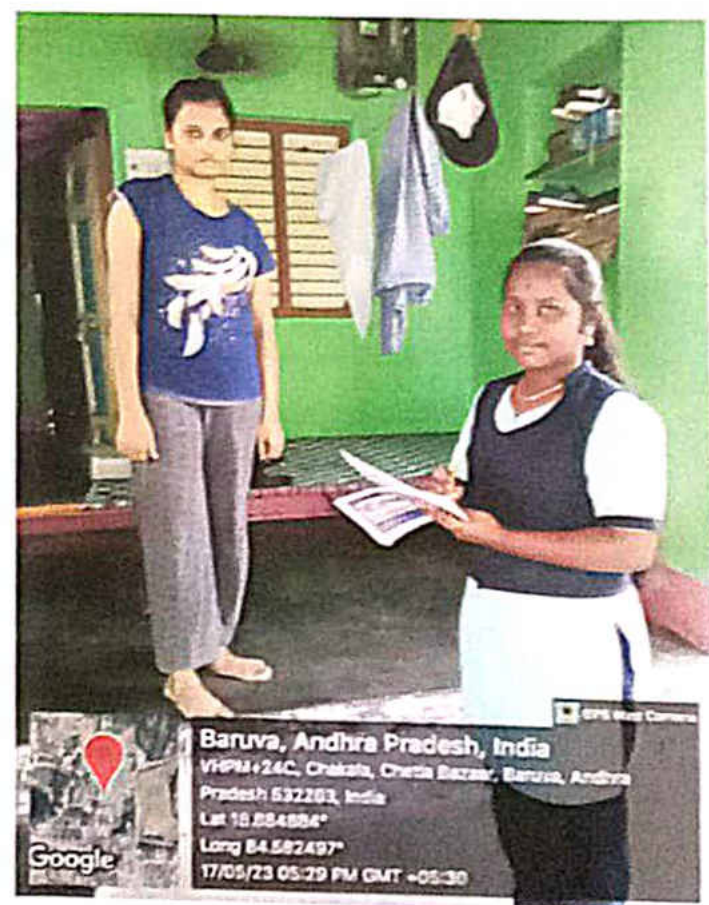
At last due to this project which had socio-economic survey creates the connecting link between the relations with students and villages. This project create awareness on the purity of water and different modes of drinking water. And also it provides natural testing of pH and TDS which shows the relatively acceptable source to drink. It brings awareness about the different water sources in the village and its utility by villages.

Drinking Water Resources

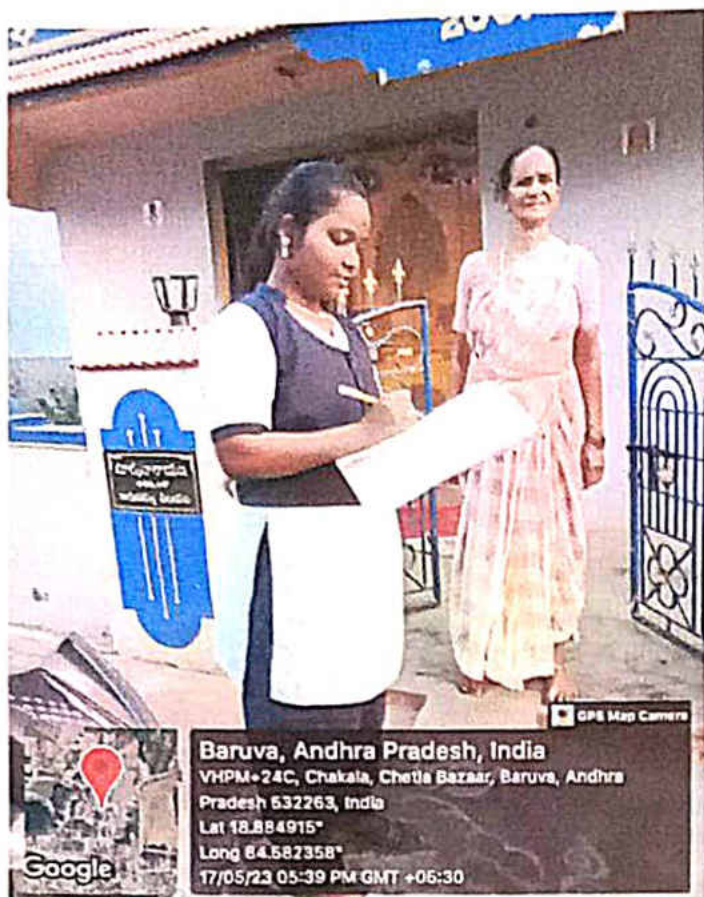


MODES OF DRINKING WATER





Baruva, Andhra Pradesh, India
 V8PM+24C, Chakala, Chetia Baruar, Baruva, Andhra
 Pradesh 532263, India
 Lat 18.884884°
 Long 84.582497°
 17/05/23 05:29 PM GMT +05:30





PHOTOS AND VIDEO LINKS



Student Self-Evaluation for the Community Service Project

Student Name: Kottapalli. Harsha Praya

Registration No: 2222 0011 23004

Period of CSP: From: 17-5-2023 To: 20-6-23

Date of Evaluation:

Name of the Person in-charge:

Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

1) Oral communication	1	2	3	4	5
2) Written communication	1	2	3	4	5
3) Proactiveness	1	2	3	4	5
4) Interaction ability with community	1	2	3	4	5
5) Positive Attitude	1	2	3	4	5
6) Self-confidence	1	2	3	4	5
7) Ability to learn	1	2	3	4	5
8) Work Plan and organization	1	2	3	4	5
9) Professionalism	1	2	3	4	5
10) Creativity	1	2	3	4	5
11) Quality of work done	1	2	3	4	5
12) Time Management	1	2	3	4	5
13) Understanding the Community	1	2	3	4	5
14) Achievement of Desired Outcomes	1	2	3	4	5
15) OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Student

Evaluation by the Person in-charge in the Community/Habitation

Student Name:

Registration No:

Period of CSP: From: To:

Date of Evaluation:

Name of the Person in-charge:

Address with mobile number:

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

1) Oral communication	1	2	3	4	5
2) Written communication	1	2	3	4	5
3) Proactiveness	1	2	3	4	5
4) Interaction ability with community	1	2	3	4	5
5) Positive Attitude	1	2	3	4	5
6) Self-confidence	1	2	3	4	5
7) Ability to learn	1	2	3	4	5
8) Work Plan and organization	1	2	3	4	5
9) Professionalism	1	2	3	4	5
10) Creativity	1	2	3	4	5
11) Quality of work done	1	2	3	4	5
12) Time Management	1	2	3	4	5
13) Understanding the Community	1	2	3	4	5
14) Achievement of Desired Outcomes	1	2	3	4	5
15) OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Supervisor