

A

Community Service Project Report on

**BUILDING DIGITAL SKILLS FOR RURAL EMPOWERMENT**

Submitted in partial fulfilment of the requirements

for the award of the degree of

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

*Submitted by*

<b>Y. SAI REDDY PUNEETH</b>	<b>21AK1A05C8</b>
K.NIKHIL	21AK1A05A2
P. NAVEEN KUMAR REDDY	21AK1A0598
G. POORNA CHANDRA	21AK1A05A5
M. RAJESH NAIK	21AK1A05A9
K. NITHIN KUMAR REDDY	21AK1A05A4
U. SAI SARAN	21AK1A05C5
G. LINGA RAJU	21AK1A05B6
S.NITHIIN REDDI	21AK1A05A3
O.SAI CHARAN RAJ	21AK1A05C7

Under the esteemed guidance of  
**MS. V S GAYATHRI,M.Tech.,**  
**Assistant professor, Computer science and Engineering**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES**  
**(AUTONOMOUS)**

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Three B. Tech Programmes (CSE, ECE& CE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f)& 12(B) of UGC Act 1956.)

Tirupati- 517520.

2023-2024

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
(AUTONOMOUS)**



**CERTIFICATE**

*This is to certify that the community service project work entitled, "Building Digital Skills For Rural Empowerment" done*

*by*

<b>Y. SAI REDDY PUNEETH</b>	<b>21AK1A05C8</b>
K. NIKHIL	21AK1A05A2
P.NAVEEN KUMAR REDDY	21AK1A0598
G. POORNA CHANDRA	21AK1A05A5
M. RAJESH NAIK	21AK1A05A9
K.NITHIN KUMAR REDDY	21AK1A05A4
U. SAI SARAN	21AK1A05C5
G. LINGA RAJU	21AK1A05B6
S.NITHIIN REDDI	21AK1A05A3
O.SAI CHARAN RAJ	21AK1A05C7

*Is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision.*

**Signature of the Supervisor**

**Ms. V S GAYATHRI, M. Tech,**

Assistant Professor

Department of Artificial Intelligence

**Head of the Department**

**Mr.B.RAMANA REDDY M. Tech, (Ph.D.)**

HOD & Professor Department of Computer science and Engineering

**DATE**

**CSP COORDINATOR**

**CSP CONVENOR**

## **Student's Declaration**

I, Y. SAI REDDY PUNEETH , a student of B.Tech Program, Reg. No. **21AK1A05C8** of the **Department of Computer science and Engineering, Annamacharya Institute of Technology and Sciences, Tirupati (Autonomous)** College do hereby declare that I have completed the mandatory community service “ **Building Digital Skills For Rural Empowerment** ” under the Faculty Guideship of **Ms. V S Gayathri , Assistant Professor Department of Computer science and Engineering in Annamacharya Institute of Technology &Sciences (Autonomous),Tirupati College**

**(Signature and Date)**  
**Team Members**

<b>Y. SAI REDDY PUNEETH</b>	<b>21AK1A05C8</b>
K.NIKHIL	21AK1A05A2
P. NAVEEN KUMAR REDDY	21AK1A0598
G. POORNA CHANDRA	21AK1A05A5
M. RAJESH NAIK	21AK1A05A9
K. NITHIN KUMAR REDDY	21AK1A05A4
U. SAISARAN	21AK1A05C5
G. LINGA RAJU	21AK1A05B6
S.NITHIN REDDI	21AK1A05A3
O.SAI CHARAN RAJ	21AK1A05C7

## **ACKNOWLEDGEMENTS**

It is our insightful duty and pleasure to express our gratitude to all those who helped us in completion of this work successfully.

We would like to express our sincere gratitude to our supervisor. **Ms. V S Gayathri**, Assistant professor, Department of Computer science and Engineering, AITS, Tirupati, for her constant help, kind co-operation and encouragement in completing the work successfully. We are thankful for her careful verification of the manuscript in spite of her busy schedule.

With immense pleasure I would like to extend our sincere thanks to our CSP Convener, Ms..**V S Gayathri** , Assistant professor ,Department of Computer science and Engineering, AITS, Tirupati , For his guidance, very great motivation, encouragement, keen interest and support for carrying out our project successfully.

It is our privilege to record our deep indebtedness to **Mr.B. Ramana Reddy**, HOD, Department of Computer science and Engineering, AITS, Tirupati for his valuable guidance and constant cooperation throughout this work.

We are very much thankful to all the Internal Departmental Committee members for their valuable suggestions in all reviews and letting our work to go smoothly. We are thankful to all our B.Tech colleagues for their co-operation and faculty members, Lab Technicians for their support in completion of our work.

It is our pleasure to express sincere thanks to **Prof. C. Nadhamuni Reddy**, Principal, Annamacharya Institute of technology and Sciences, Tirupati and **Sri. C. Gangi Reddy**, Hon Secretary of Annamacharya Educational Trust for providing good infrastructure and facilities in our college.

Last but not least we feel more responsible to express our sincere thanks friends and family members for their moral support, time without which the successful completion of the work would not have been possible.



# ANAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES : TIRUPATI (AUTONOMOUS)

Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu.  
Accredited by NAAC in "A" Grade & a few programmes accredited by NBA, New Delhi.

Tirupati  
Date: 19-5-2023

To

Dear sir/Madam

**Sub:** Higher Education department and Board for Community development initiative-community service project- request to permit our students and supervisor to study the community -reg

As per the directions of the Board of community development and APSCHE of AP govt and as per the curricular requirements of B. Tech students admitted from 2020 onwards, all II B. Tech students should take up community service project in summer with the batch size of 10-15.

Please allow our students to conduct the survey, explore the problems, apply engineering analysis/techniques to find improvements and also do certain forecasts which will be helpful for the government to take timely measures.

Please discuss with the students and best utilise the services of our faculty and project students to the tasks connected to the community development like survey to collect data, data analysis, digital literacy and low-cost models for effectiveness.

Following are the batch students and mentor assigned to them, approaching you on the subject and request you to permit them.

S. No	Register. No	Name of the student	Supervisor
1	21AK1A05A5	GOGALA POORNA CHANDRA	Ms. V S Gayathri M.Tech Assistant Professor Department of CSE
2	21AK1A05A2	K.NIKHIL	
3	21AK1A05A9	M.RAJESH NAYAK	
4	21AK1A05C5	U.SAI SARAN	
5	21AK1A05B6	G.LINGA RAJU	
6	21AK1A05C7	O.SAI CHARAN	
7	21AK1A05C8	Y.SAI REDDY PUNEETH REDDY	
8	21AK1A0598	P.NAVEEN	
9	21AK1A05A3	S.NITHIN REDDI	
10	21AK1A05A4	K.NITHIN KUMAR REDDY	

With Regards

SARPANCH

VEDALLACHERUVU GRAM PANCHAYAT  
Renigunta Mandal, Chittoor Dist

Yours Faithfully,

Principal  
AITS TIRUPATI  
PRINCIPAL  
ANAMACHARYA INSTITUTE OF  
TECHNOLOGY & SCIENCES  
VENKATAPURAM (VILL.)  
RENIGUNTA (M), TIRUPATI-517 524

## **ABSTRACT**

Digital Skills in the workplace can include original content creation , e-commerce, network and information Security , UX/UI design , digital marketing, social media marketing and data analytics. Advanced digital skills Range from data visualization and basic programming skills to data engineering. “Digital literacy is the ability of individuals and communities to understand and use digital technologies for meaningful actions within life situations “. It would bring the benefits of ICT to daily lives of rural population especially in the areas of Healthcare, Livelihood generation and education

# CONTENTS

S.NO	TITLE	PAGE N
<b>CHAPTER-1</b>	<b>INTRODUCTION OF VILLAGE</b>	<b>1 – 3</b>
1.	Brief description of the community	1
1.1.		
1.2.	Village important places	2
1.3.	Village map	3
<b>CHAPTER -2</b>	<b>OVERVIEW OF THE SURVEY</b>	<b>4 - 44</b>
2.1.	Socio Economic Survey Geotag Photos	4
2.2.	Socio Economic Survey forms	5-36
2.2.	Log sheets & Milestone Log Reports	37-44
<b>CHAPTER -3</b>	<b>POST SURVEY REPORTS</b>	<b>45 – 55</b>
3.1.	Issues identifying in environments	45-46
3.2.	Issues identifying in environments	47
3.3.	Issues mapping under SDG	48
3.4.	Problem Tree Analysis	49
3.5.	Collecting & analyzing survey data	50-52
3.6.	Observations in villages	53
3.7.	Short term and Long term solutions	54
3.8.	Time Frame-CSP	55
<b>CHAPTER -4</b>	<b>MINI PROJECT</b>	<b>56 – 62</b>
4.1.	Methodology	56-57
4.2.	Using Charts	57-59
4.2.1.	Aurdino Sensor Coding	59-60
4.3.	Electricity Generation from Watse water	61-62
	<b>FEEDBACK ON MINI PROJECT</b>	<b>63 – 65</b>
<b>CHAPTER -5</b>	<b>AWARENESS CAMPAIGN PROGRAMME</b>	<b>66- 67</b>
<b>CHAPTER -6</b>		
6.1.	Recommendations	68
6.2.	Conclusions	69
6.3.	References	70

# **BUILDING DIGITAL SKILLS FOR RURAL DEVELOPMENT**

---

## **CHAPTER 1: INTRODUCTION OF VILLAGE**

### **1.1. Brief description of the community**

**Community Name** : Vedharla Cheruvu, Renigunta Mandal, 517520Tirupati, Andhra Pradesh.

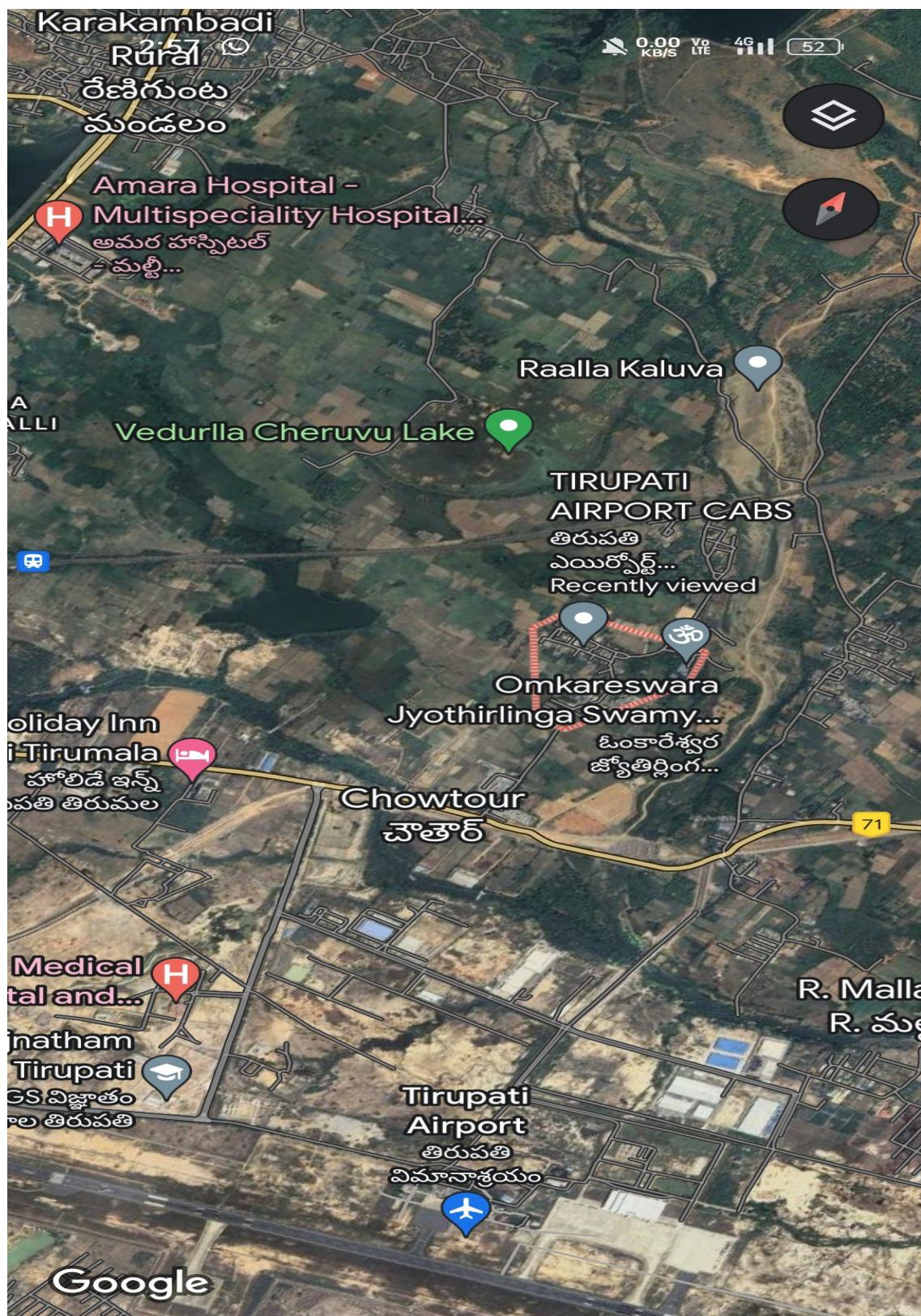
Area Population	: 0.34 km <sup>2</sup>
Population Density	: 1500
Male Population	: 2399 people per km <sup>2</sup>
Female Population	: 642
	: 675
Nearest airport & distance	: Tirupati Airport, 2.7 km
Nearest Railway Station & Distance	: Tiruchanur, 2.64 km
Water Facility	: Govt water municipal supply
Electricity	: available

My village's name is Vedharla Cheruvu. Vedharla Cheruvu is located near Tirupati in Chittoor District, Andhra Pradesh, with the postal code 517507. The local languages spoken in Vedharla Cheruvu are Telugu and Tamil. Some famous temples in Vedharla Cheruvu include the Anjaneya Swami temple, Gangamma temple, and Lord Shiva temple. The Gangamma festival is celebrated grandly every year. Near Vedharla Cheruvu, we have several schools and colleges.

The post office is located in Vedharla Cheruvu, where you can find some trees and crops. The primary occupation of the villagers in my village is farming. The people in my village are very helpful, and they lead happy lives. There are also ponds in Vedharla Cheruvu. In my village, we celebrate every festival together. About twenty thousand people live in my village, with the maj them being farmers. My village is situated near the renigunta, and it is home to various castes and communities. Here, we have ac fresh and organic vegetables and fruits. The village is noticeably cooler than the city during the summer.

## BUILDING DIGITAL SKILLS FOR RURAL DEVELOPMENT

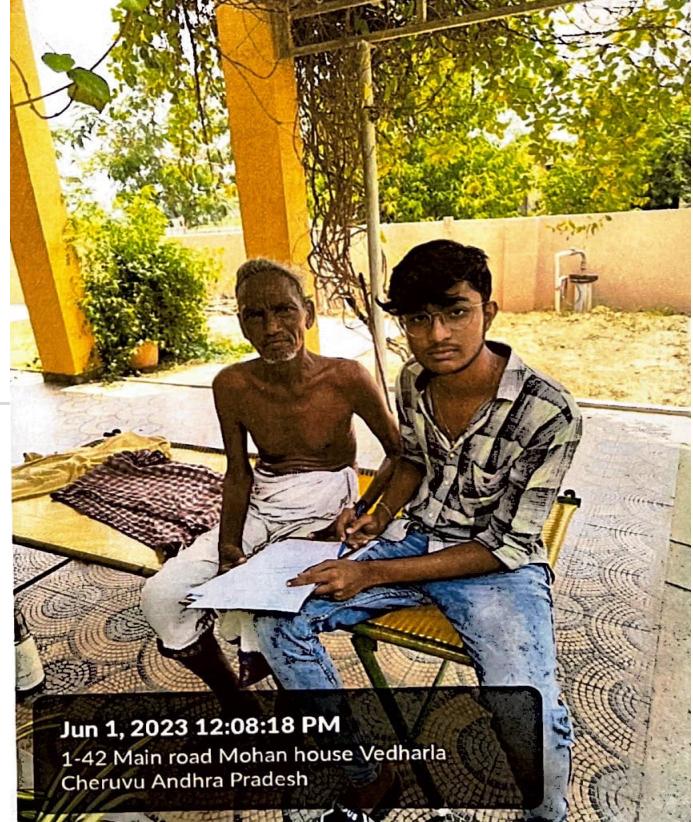
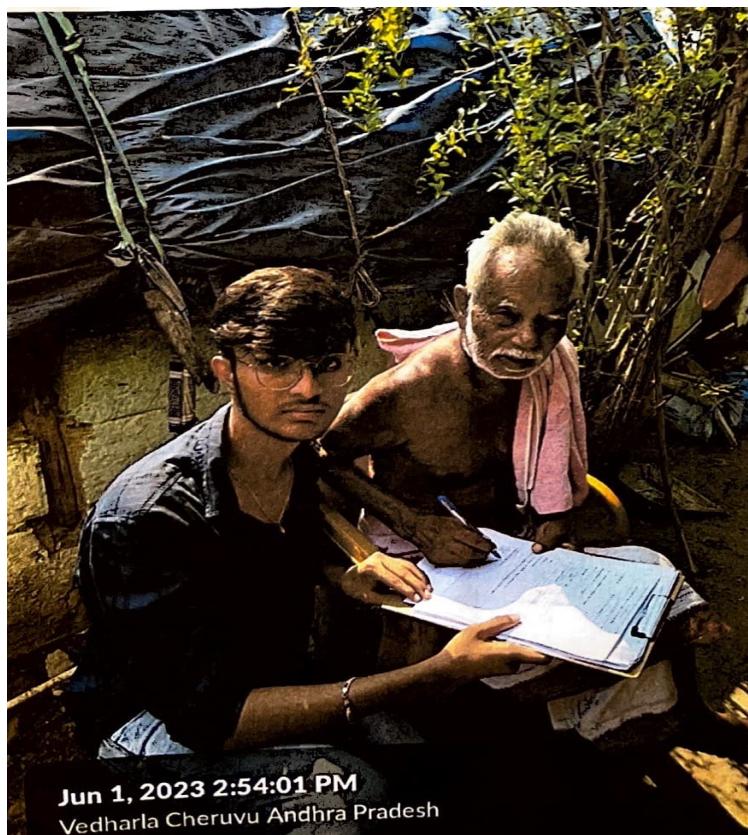
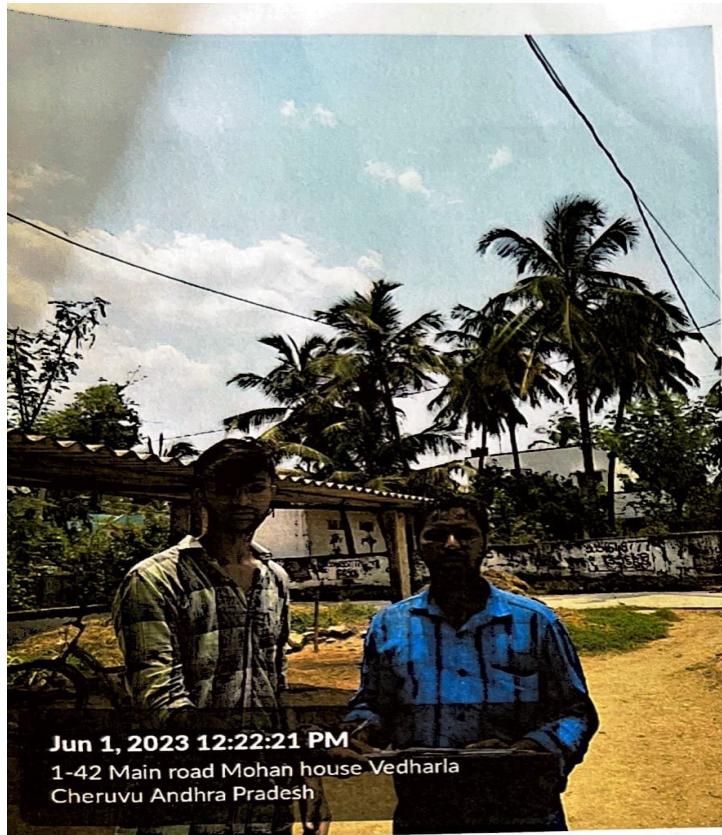
### 1.3. Village map

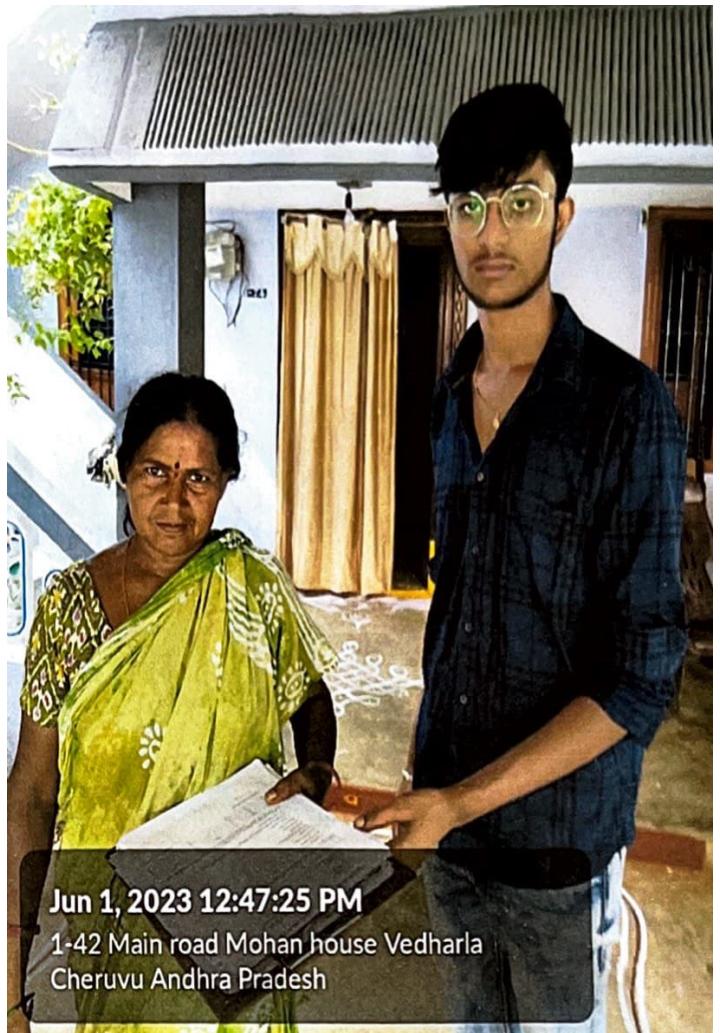
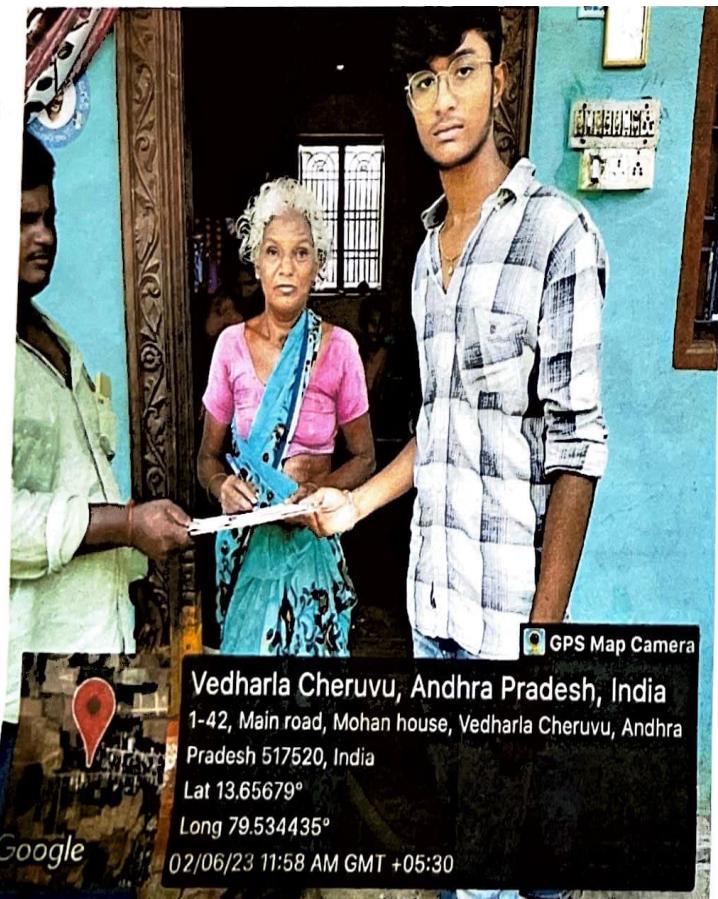


# BUILDING DIGITAL SKILLS FOR RURAL DEVELOPMENT

## CHAPTER 2: OVERVIEW OF THE SURVEY

### 2.1. Socio Economic Survey forms with Geotag Photos





**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI**  
**(AUTONOMOUS)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Community Service Project**

Name of the Student : **X - Sai Reddy Puneeth Reddy** H.T. No : **21AKKA05CL8**  
 Year/Sem : **2 / 2** Branch : **C.S.E**

**Part A: Socio-Economic and Demographic Profile**

Name of the Respondent : **R. papayya**

Address: **4-16, BC - Colony , Vedhula cheruvu**

**1. Family Details**

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	R - papayya	94	Male	-	Farmer
2.	R - janakamma	90	Female	-	Housewife

2. Religion: **Hindu**

3. Caste: **BC-D**

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes. 2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut
- 2. Semi Pucca
- 3. Pucca
- 4. Apartment
- 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Tank/ Pond
- 6. Others: (specify):

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify:

9. Do You Have Mobile Phone

% 1. Yes. % 2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School:

B) Primary Schools:

C) Secondary Schools:

D) Colleges:

E) Health Centre (PHC/CHC) :

F) Hospitals:

G) Youth clubs:

H) Sports clubs:

I) Environment clubs:

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre:

K) Krishi Vigyan Kendra:

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vedhula Cheruvu	medication
2	u	sanitation
3	u	Drainage
4	u	water
5	u	Pollution.

Signature of the Respondent:

R. J. Sankar

Signature of the Supervisor

6

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI

(AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

Socio Economic Survey From

Name of the Student : Y. Sai Reddy Rineeth Reddy H.T. No

: 21AK1A05C8

Year/Sem : II/II

Branch : CSE.

Part A: Socio-Economic and Demographic Profile

Name of the Respondent : Venori Muriram

Address: 1 - 49, BC - colony , vedhula , cheruvu

1. Family Details

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	Venori Muriram	75	Male	5 <sup>th</sup> class	Farmer

2. Religion: Hindu

3. Caste: BC-D

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes.  2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut  
→ 2. Semi Pucca  
→ 3. Pucca ✓  
→ 4. Apartment  
→ 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Tank/ Pond
- 6. Others: (specify): \_\_\_\_\_

Instruction: TICK ONLY ONE

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify: \_\_\_\_\_

9. Do You Have Mobile Phone

% 1. Yes. % 2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: Yes

B) Primary Schools: Yes

C) Secondary Schools:   

D) Colleges:   

E) Health Centre (PHC/CHC):   

F) Hospitals:   

G) Youth clubs:   

H) Sports clubs:   

I) Environment clubs:   

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre:   

K) Krishi Vigyan Kendra:   

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vadhuva Cheruvu	• Epidemic
2	4	Drainages
3	11	Education
4	11	Electricity
5	11	Sanitation

Signature of the Respondent:

V. Srinivas Reddy

Signature of the Supervisor

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
 (AUTONOMOUS)  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

Name of the Student : **Socio Economic Survey From**  
**Y. Sasi Reddy Puneeth Reddy** H.T. No : **ZHAK1P05C8**  
 Year/Sem : **II / II** Branch : **C.S.E**

**Part A: Socio-Economic and Demographic Profile**

Name of the Respondent : **T. Vasantha**

Address: **1-33, - B.C. colony vedhula cheruvu**

**1. Family Details**

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	T. Vasantha	50	Female	-	Hauswife
2.	T. Rangaiah	55	Male	2nd class	Farmer

2. Religion: **Hindu**

3. Caste: **B.C-D**

4. Do you have transport?

1. Four-Wheeler  2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes. 2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut  
 → 2. Semi Pucca  
 → 3. Pucca  
 → 4. Apartment  
 → 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 5. Tank/ Pond
- 6. Others: (specify): \_\_\_\_\_

INSTRUCTION: TICK ONLY ONE

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify: \_\_\_\_\_

9. Do You Have Mobile Phone

%  Yes. %  2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: \_\_\_\_\_

B) Primary Schools: Yes

C) Secondary Schools: \_\_\_\_\_

D) Colleges: \_\_\_\_\_

E) Health Centre (PHC/CHC): \_\_\_\_\_

F) Hospitals: \_\_\_\_\_

G) Youth clubs: \_\_\_\_\_

H) Sports clubs: \_\_\_\_\_

I) Environment clubs: \_\_\_\_\_

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: \_\_\_\_\_

K) Krishi Vigyan Kendra: \_\_\_\_\_

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vedhula cheruvu	Sanitation
2	u	Drainage
3	u	water
4	u	current
5	u	medication.

Signature of the Respondent:

Talukdar

Signature of the Supervisor

6

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
(AUTONOMOUS)

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
(AUTONOMOUS)  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

Socio Economic Survey From

Name of the Student : M. Sri Reddy Puneth Reddy H.T. No : 21AK1AD05C8

Year/Sem : II/II

Branch

: CSE

Part A: Socio-Economic and Demographic Profile

Name of the Respondent : K. Mohan Babu

Address: 2-13, BC - colony, Vedhula choram

1. Family Details

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	<u>K. Mohan Babu</u>	<u>38</u>	<u>Male</u>	<u>IT</u>	<u>Former</u>
2.	<u>K. Usha</u>	<u>19</u>	<u>Female</u>	<u>10<sup>th</sup></u>	<u>Housewife</u>

2. Religion: Hindu

3. Caste: BC-D

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes.  2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut
- 2. Semi Pucca
- 3. Pucca
- 4. Apartment
- 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Others: (specify):

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify:

9. Do You Have Mobile Phone

% 1 Yes. % 2 No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: — Yes

B) Primary Schools: — Yes

C) Secondary Schools: —

D) Colleges: —

E) Health Centre (PHC/CHC): —

F) Hospitals: —

G) Youth clubs: —

H) Sports clubs: —

I) Environment clubs: —

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: —

K) Krishi Vigyan Kendra: —

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vedhula Cherauru	Drainage
2	"	water
3	"	Medication
4	"	Sanitation
5	"	Pollution.

Signature of the Respondent:

K-Usha

  
Signature of the Supervisor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
 ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
 (AUTONOMOUS)  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

Socio Economic Survey From

Name of the Student : Y. Sai Reddy Purveeth Reddy H.T. No

: 21AK1AOBC8

Year/Sem

: II / II

Branch

: CSE

**Part A: Socio-Economic and Demographic Profile**

Name of the Respondent : T. Shankar

Address: 1-44/1, BC-D colony,

**1. Family Details**

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	T. Shankar	41	Male	7th class	Farmer
2.	T. Anitha	38	Female	10th class	House wife
3.	T. Hemavathi	17	Female	Inter	Student
4.	T. Praveen	12	Male	7th	Student

2. Religion: Hindu

3. Caste: BC-D

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes.  2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut
- 2. Semi Pucca
- 3. Pucca
- 4. Apartment
- 5. Independent house/Bungalow

7. Where do you get your Drinking Water?

8. What toilet arrangements do you have?

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Others: (specify): \_\_\_\_\_

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify: \_\_\_\_\_

9. Do You Have Mobile Phone

%o  Yes. %o 2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: — Yes

B) Primary Schools: — Yes

C) Secondary Schools: —

D) Colleges: —

E) Health Centre (PHC/CHC) : —

F) Hospitals: —

G) Youth clubs: —

H) Sports clubs: —

I) Environment clubs: —

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: —

K) Krishi Vigyan Kendra: —

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vedhulla cheruvu	Road
2		Pollution in air
3		C-waste
4		water
5		Electricity.

Signature of the Respondent:

T. Soosai

Signature of the Supervisor

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
(AUTONOMOUS)

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
(AUTONOMOUS)  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

Socio Economic Survey From

Name of the Student : Y. Sai Reddy Puneeth Reddy H.T. No : 21AK1A05C8  
Year/Sem : II Branch : CSE

Part A: Socio-Economic and Demographic Profile

Name of the Respondent : T. Bujji

Address: 1-31,

1. Family Details

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	T. Bujji	50	Female	7th class	Housewife
2.	T. Babu	60	Male	5th class	Farmer
3.	T. Vijay Kumar	28	Male	M.Com	IT Employee
4.	T. Venkamma	23	Female	B.Sc	IT Employee

2. Religion: Hindu

3. Caste: BC-D

4. Do you have transport?

1. Four-Wheeler & Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

Yes. 2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut  
→ 2. Semi Pucca  
→ 3. Pucca  
→ 4. Apartment  
→ 5. Independent house/Bungalow

7. Where do you get your Drinking Water?

8. What toilet arrangements do you have?

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Tank/ Pond
- 6. Others: (specify): \_\_\_\_\_

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify: \_\_\_\_\_

9. Do You Have Mobile Phone

% Yes. % No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: Yes

B) Primary Schools: —

C) Secondary Schools: —

D) Colleges: —

E) Health Centre (PHC/CHC): —

F) Hospitals: —

G) Youth clubs: —

H) Sports clubs: —

I) Environment clubs: —

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: —

K) Krishi Vigyan Kendra: —

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vedhula Cheruvu	Drainages
2	"	Roads
3	"	Water
4	"	Power & Electricity
5	"	Waste

Signature of the Respondent:

T - way

Signature of the Supervisor



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
 (AUTONOMOUS)  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

**Socio Economic Survey Form**

Name of the Student : Y. Sasi Reddy Puneeth Reddy H.T. No : 2HAK1P05C8  
 Year/Sem : II /II Branch : CSE

**Part A: Socio-Economic and Demographic Profile**

Name of the Respondent : T. Latha .

Address: 1-74, BC colony, vedhala cheruvu

**1. Family Details**

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	T. Latha	50	Female	7th	Housewife
2.	T. Veeraraghulu	55	Male	M.com	Farmers
3.	T. Prasad	28	Male	MRB's	Doctor
4.					

2. Religion: Hindu

3. Caste: BC - B .

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes.  2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut  
 → 2. Semi Pucca  
 → 3. Pucca  
 → 4. Apartment  
 → 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Tank/ Pond
- 7. Others: (specify): \_\_\_\_\_

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify: \_\_\_\_\_

9. Do You Have Mobile Phone

1. Yes.  2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: Yes.

B) Primary Schools: \_\_\_\_\_

C) Secondary Schools: \_\_\_\_\_

D) Colleges: \_\_\_\_\_

E) Health Centre (PHC/CHC): Yes

F) Hospitals: \_\_\_\_\_

G) Youth clubs: \_\_\_\_\_

H) Sports clubs: \_\_\_\_\_

I) Environment clubs: \_\_\_\_\_

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: \_\_\_\_\_

K) Krishi Vigyan Kendra: \_\_\_\_\_

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vedhulla chennu	Pollution .
2	"	garbage
3	"	water
4	"	Road
5	"	e-waste.

Signature of the Respondent:

T. C. E

  
Signature of the Supervisor

ANNAMACHARYA INSTITUTE OF TECHNOLOGY  
 ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
 (AUTONOMOUS)  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

Socio Economic Survey From

Name of the Student : Sai Reddy Punceth Reddy H.T. No : 21AK1AD05C8  
 Year/Sem : II/II Branch : C.S.E

**Part A: Socio-Economic and Demographic Profile**

Name of the Respondent : K. Sugatha

Address: 2-11, BC - colony, Vedhula, cheruvu

**1. Family Details**

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	<u>K. Sugatha</u>	<u>40</u>	<u>Female</u>	<u>5<sup>th</sup> class</u>	<u>Farmer</u>

2. Religion: Hindu

3. Caste: BC-D

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes. 2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut
- 2. Semi Pucca
- 3. Pucca
- 4. Apartment
- 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Tank/ Pond
- 6. Others: (specify): \_\_\_\_\_

- Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify: \_\_\_\_\_

9. Do You Have Mobile Phone

%  Yes. %  2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

- A) Anganwadi / Play School: yes
- B) Primary Schools: yes
- C) Secondary Schools: No
- D) Colleges: \_\_\_\_\_
- E) Health Centre (PHC/CHC): \_\_\_\_\_
- F) Hospitals: \_\_\_\_\_
- G) Youth clubs: \_\_\_\_\_
- H) Sports clubs: \_\_\_\_\_
- I) Environment clubs: \_\_\_\_\_
- J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: \_\_\_\_\_
- K) Krishi Vigyan Kendra: \_\_\_\_\_

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	vedhula chevuru	Drainage
2	u	water
3	u	current
4	u	medication
5	u	Pollution.

Signature of the Respondent:

k. m. w. s

  
Signature of the Supervisor

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
 (AUTONOMOUS)  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

Name of the Student : Y. Sai Reddy Puneeth Reddy H.T. No : 21AK110528  
 Year/Sem : II / II Branch : CSE.

**Part A: Socio-Economic and Demographic Profile**

Name of the Respondent : K. Bhaskar

Address: 1-43, BC colony, Veerula cheruvu

**1. Family Details**

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	K. Bhaskar	45	Male	5th	Farmer
2.	K. Ashok	20	Male	Inter	Student
3.	K. Ramesh	18	Male	IT	Student

2. Religion: Hindu

3. Caste: BC-D

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes.  2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut  
 → 2. Semi Pucca  
 → 3. Pucca  
 → 4. Apartment  
 → 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Others: (specify): \_\_\_\_\_

- 1. Private (in your own house)
- 2. Common (shared by others)
- 3. Open fields
- 4. Others: Specify: \_\_\_\_\_

9. Do You Have Mobile Phone

%  1. Yes. %  2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: \_\_\_\_\_ - Yes

B) Primary Schools: \_\_\_\_\_ - Yes

C) Secondary Schools: \_\_\_\_\_

D) Colleges: \_\_\_\_\_

E) Health Centre (PHC/CHC): \_\_\_\_\_

F) Hospitals: \_\_\_\_\_

G) Youth clubs: \_\_\_\_\_

H) Sports clubs: \_\_\_\_\_

I) Environment clubs: \_\_\_\_\_

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: \_\_\_\_\_

K) Krishi Vigyan Kendra: \_\_\_\_\_

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vechula chera	Road
2	"	water
3	"	Pollution
4	"	Electricity
5	"	garbage.

Signature of the Respondent:

1A 2B 3D

Signature of the Supervisor

6

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI  
 (AUTONOMOUS)  
 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Community Service Project

**Socio Economic Survey From**

Name of the Student : Y. Sai Reddy Puneth Reddy H.T. No : 21AK1AOBC8  
 Year/Sem : II Branch : CSE

**Part A: Socio-Economic and Demographic Profile**

Name of the Respondent : Puligoru Munirajeshwari

Address: 1-25, BC colony, vedhala cheruvu

**1. Family Details**

S.No	Name of the Family Member	Age	Gender	Education Qualification	Profession
1.	<u>Puligoru munirajeshwari</u>	60	Female	<u>5<sup>th</sup> class</u>	<u>Housewife</u>
2.	<u>Puligoru Kiran</u>	30	Male	-	-
3.					

2. Religion: Hindu

3. Caste: BC-D

4. Do you have transport?

1. Four-Wheeler 2. Two-Wheeler 3. Tractor 4. Bullock Cart 5. None

5. Does the respondent's house have electricity? Instruction: OBSERVE AND WRITE

1. Yes. 2. No

6. Type of House

Instruction: OBSERVE AND TICK ONE

- 1. Hut
- 2. Semi Pucca
- 3. Pucca
- 4. Apartment
- 5. Independent house/Bungalow

8. What toilet arrangements do you have?

7. Where do you get your Drinking Water?

yes

—

Instruction: TICK ONLY ONE

Instruction: TICK ONLY ONE

- 1. Tap in the House ✓
- 2. Common Tap
- 3. Handpump/bore well
- 4. Well
- 5. Tank/pond
- 6. Tank/ Pond
- 6. Others: (specify):

- 1. Private (in your own house)
- 2. Common (shared by others) ✓
- 3. Open fields
- 4. Others: Specify:

9. Do You Have Mobile Phone

✓ % 1. Yes. % 2. No

10. Which of the following are there in the survey area: Provide a brief description, indicating number, type etc.

A) Anganwadi / Play School: Yes

B) Primary Schools: Yes

C) Secondary Schools: No

D) Colleges: No

E) Health Centre (PHC/CHC): No

F) Hospitals: No —

G) Youth clubs: No —

H) Sports clubs: No —

I) Environment clubs: No —

J) Village Knowledge Centre/Common Multi Media Centre/Common Service Centre: No —

K) Krishi Vigyan Kendra: No —

11. Name five most pressing problems faced by your Neighbourhood?

(Indicate issue: e.g. Health, Epidemic, Environment, Pollution, Education, Drainage, Roads, Electricity, drinking water, sanitation service delivery of Government Programmes etc)

S.no	Area	Issue
1	Vedhulacheruvu	Pollution of air
2	"	Drainage
3	"	Roads
4	"	garbage
5	"	Sanitation

Signature of the Respondent:

P. Anand Babu

Signature of the Supervisor

### ACTIVITY LOG FOR THE 1<sup>st</sup> WEEK

Note: Kindly capture the geo-tag Photos while doing survey

Day	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Reading chapter	Reading	Not Applicable	
Day-2	Survey in home environment	Surveying	Villagers	
Day-3	Survey in neighbourhood environment	Surveying	Villagers	
Day-4	Survey in College environment	Surveying	Students	
Day-5	Post survey forms	Analysis	Mentors	
Day-6	Problem Tree Analysis	Analysis	Mentor	

### MILESTONE LOG REPORT FOR THE 1<sup>st</sup> WEEK

MILESTONE LOG	
Top 5 Issues Identified-SDG	Agriculture issue - SDG - plants are less Transportation problem Drainage problem Nb Hospitality
Problem Statement Framed	water scarcity in Agriculture
Research question framed	too much water does in the agriculture industry usage
Who are your key stake holders	Farmers
What are all the types of surveys you will be doing , with whom and why	Socio Economic Survey Forms
List down the survey questions here	Economic profile features in village problems faced by people

 Signature of Supervisor

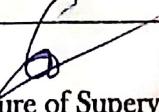
## ACTIVITY LOG FOR THE 2<sup>nd</sup> WEEK

Note: Kindly capture the geo-tag Photos while doing survey

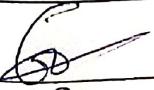
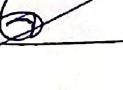
Day	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Collecting & Analyzing	Analyzing	Project batch members	
Day-2	Data quantitative-statistical Analysis	Analyzing	Project batch members	
Day-3	Collecting & Analyzing data	Analysing	Project batch members	
Day-4	Data qualitative-Thematic Analysis	Analysing	Project batch members	
Day-5	CBPR	Analysing	Project batch members	
Day-6	Survey Reporting	Analyzing	Project batch members	

## MILESTONE LOG REPORT FOR THE 2<sup>nd</sup> WEEK

MILESTONE LOG	
Findings	<ul style="list-style-type: none"> <li>* Awareness of technology</li> <li>* No Advance facilities</li> <li>* Not technologically developed.</li> </ul>
Conclusions	<ul style="list-style-type: none"> <li>* By providing good education</li> <li>* conducting campaigns,</li> <li>* Making people aware of developing the world,</li> </ul>
Next Steps/Suggestions	<ul style="list-style-type: none"> <li>* Providing digital skills to the students</li> <li>* Making and Adopting changes in Agricultural Farming methods,</li> </ul>

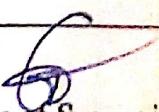
 Signature of Supervisor

**ACTIVITY LOG FOR THE 3<sup>rd</sup> WEEK**  
 Note: Kindly capture the geo-tag Photos while doing survey

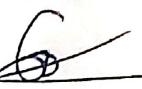
Day	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Mini project -title	Project implementation	Project batch members	
Day-2	Project objectives fixed	Project implementation	Project batch members	
Day-3	Research methodology	Project implementation	Project batch members	
Day-4	Research methodology	Project implementation	Project batch members	
Day-5	Research methodology	Project implementation	Project batch members	
Day-6	Research methodology	Project implementation	Project batch members	

**MILESTONE LOG REPORT FOR THE 3<sup>rd</sup> WEEK**

MILESTONE LOG	
Final Plan	<ul style="list-style-type: none"> <li>* By the cooperation of government we should plan new making of technology explaining the newer technology.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>* By explaining with charts</li> <li>* By providing digital technologies like mobiles, Laptops etc.</li> <li>* New learning methodologies.</li> </ul>
Campaign plan	<ul style="list-style-type: none"> <li>* By using the charts and showing some developing videos and how to use the app etc.</li> </ul>

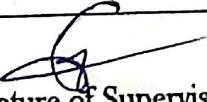
  
 Signature of Supervisor

**ACTIVITY LOG FOR THE 4<sup>th</sup> WEEK**  
 Note: Kindly capture the geo-tag Photos while doing survey

Day	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Collecting materials	Working on model	Project batch members	
Day-2	Preparing platforms	Working on model	Project batch members	
Day-3	Preparing platforms	Working on model	Project batch members	
Day-4	making Prototypes (Preparing Platforms)	Working on model	Project batch members	
Day-5	making prototypes (Preparing Platforms)	Working on model	Project batch members	
Day-6	Experimental Testing	Working on model	Project batch members	

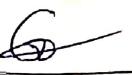
**MILESTONE LOG REPORT FOR THE 4<sup>th</sup> WEEK**

MILESTONE LOG	
Final problem Statement	The villagers are not able to understand the how the technology is developing
Final Project Idea/Plan/Solution	* Campaigning * By the Support of government to aware the villagers who are not educated
About Your Project	* Our project is to building empowerment to the rural people and developing digital skills who are not aware of it.

  
 Signature of Supervisor

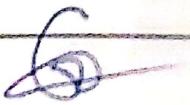
### ACTIVITY LOG FOR THE 5<sup>th</sup> WEEK

Note: Kindly capture the geo-tag Photos while doing survey

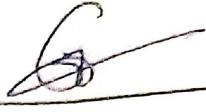
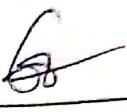
Day	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Testing Prototype	Testing	CSP Co-ordinator Convenor	
Day-2	Testing Prototype	Testing	CSP - co-ordinator Convenor	
Day-3	Testing Prototype	Testing	CSP - Co-ordinator Convenor	
Day-4	Testing Prototype	Testing	CSP - Co-ordinator Convenor	
Day-5	Testing Prototype	Testing	CSP Co-ordinator Convenor	
Day-6	Feedback	Testing	CSP Co-ordinator Convenor	

### MILESTONE LOG REPORT FOR THE 5<sup>th</sup> WEEK

MILESTONE LOG	
Prototype Next Steps	<ul style="list-style-type: none"> <li>* Finding problems</li> <li>* conclusion for the problem</li> <li>* preparing the solution in the form of charts</li> <li>* Making final plan</li> <li>* Materials</li> <li>* campaign plan</li> <li>* project idea/solution</li> <li>* Explaining the villages about the digital skills.</li> </ul>

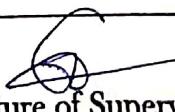
  
Signature of Supervisor

**ACTIVITY LOG FOR THE 6<sup>th</sup> WEEK**  
 Note: Kindly capture the geo-tag Photos while doing survey

Day	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Feedback improvise	Improvising Project	Project batch members	
Day-2	Feedback improvise	Improvising Project	Project batch members	
Day-3	Feedback improvise	Improvising Project	Project batch members	
Day-4	Feedback improvise	Improvising Project	Project batch members	
Day-5	Feedback improvise	Improvising Project	Project batch members	
Day-6	Feedback improvise	Improvising Project	Project batch members	

**MILESTONE LOG REPORT FOR THE 6<sup>th</sup> WEEK**

MILESTONE LOG	
Start	TO create awareness to the village people
Stop	By criticising the villages, and people ,
Continue	The development of villages should continue with cities
Project Goals	<ul style="list-style-type: none"> <li>* Developing the villages</li> <li>* Made the people in the villages are aware of today's developing technology</li> <li>* How to use digital systems etc</li> </ul>

  
 Signature of Supervisor

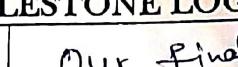
## ACTIVITY LOG FOR THE 7<sup>th</sup> WEEK

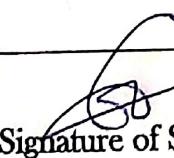
Note: Kindly capture the geo-tag Photos while doing survey

Day	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Awareness Campaign	Campaigning	Farmer	
Day-2	Awareness Campaign	Campaigning	Carpenter	
Day-3	Awareness Campaign	Campaigning	painter	
Day-4	Awareness Campaign	Campaigning	farmer	
Day-5	Awareness Campaign	Campaigning	house wife	
Day-6	Awareness Campaign	Campaigning	tailor.	

## MILESTONE LOG REPORT FOR THE 7<sup>th</sup> WEEK

### MILESTONE LOG

Final Conclusions	<p>Our final conclusion is,  It is important that villages are also should develop through cities. villages are backbone of country each and every person should aware of todays developing technology.</p>
-------------------	--

  
Signature of Supervisor

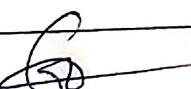
**ACTIVITY LOG FOR THE 8<sup>th</sup> WEEK**  
 Note: Kindly capture the geo-tag Photos while doing survey

Date	Activities taken up	Mode of the activity	Categories of Participants/Informants Involved	Signature of Supervisor
Day-1	Collecting information about village	Documentation	Project group members	
Day-2	Verify geotag photos with survey forms	Documentation	Project group members	
Day-3	Verify survey report	Documentation	Project group members	
Day-4	Mini-project documentation	Documentation	Project group members	
Day-5	Attaching awareness Campaign details	Documentation	Project group members	
Day-6	Conclusion & recommendation with final report	Documentation	Project group members.	

**MILESTONE LOG REPORT FOR THE 8<sup>th</sup> WEEK**

**MILESTONE LOG**

Final Recommendations	<p>We have to treat all people same, Not discriminate villagers. They are not just much aware of technology, but they are also talented. By encouraging them they will achieve many things,</p>
-----------------------	---

  
 Signature of Supervisor

3.. Name five most pressing problems faced by your neighborhoods

NEIGHBOURHOOD ENVIRONMENT					
WALK IN MY COMMUNITY	Issue-1	Issue-2	Issue-3	Issue-4	Issue-5
What did I See?	Damage in Roads	unproper drainage system	no proper transport	no highschool	less water for farming
What did I hear?	lack of electricity	no water	unemployment	borewells are not getting water	no highschool.
What did I feel?	due to roads many accident may occur	people have to clean in their own. b	Not to depend on others for facilities	Planting of trees	to get well provided education
What did I think?	may government concern more about village.	politicians have to make proper team to govt	we have to keep surroundings clean	we have to save water	minimize the usage of water.
What are some problems I am identifying	no proper school building	no hospital	No drainage system	people are wasting water	unemployment.

1. Name the problems faced by you in the college premises?

COLLEGE ENVIRONMENT					
WALK IN MY COMMUNITY	Issue-1	Issue-2	Issue-3	Issue-4	Issue-5
What did I See?	water on roads when raining	over usage of plastic on empty ground	surroundings are not clean.	road are dirty now	College ground getting mud during rains
What did I hear?	less trees	No proper cleaning	water problem	mosquito	No efficacy of bath houses
What did I feel?	We have to stop throwing of plastic	our college is our responsibility	we have to make to clean	save water	trees should plant
What did I think?	To maintain proper classrooms etc.	cleaning of bathrooms etc.	cleaning of bathrooms	we have to save water	
What are some problems I am identifying	No proper maintenance of bathrooms	Over hot in rooms during summer	No more trees	Canteen is not upto the mark.	Students are throwing waste papers

2. Name the problems faced by your Family?

HOUSE ENVIRONMENT					
WALK IN MY COMMUNITY	Issue-1	Issue-2	Issue-3	Issue-4	Issue-5
What did I See?	No proper cleaning	No proper roads	Pollution	Drainage	No proper school,
What did I hear?	water problem	Sanitation	transport problem	Drainage problem	No proper cleaning
What did I feel?	Municipality have to clean	Supply proper water	They have to clean nearby for the mosquitos	We have to stop using of old vehicles	Cleaning school, provide education
What did I think?	We have to complain	Clean our surroundings	Stop usage of plastic	To follow day by day	People are not cleaning surroundings
What are some problems I am identifying	Drainage block	lot of plastic	water problem	Pollution	

What issues affect us the most at College, House and Neighbourhood Environment?

(Tick The value-based Choice)

Issue Identification -	Value based choices		
	Environmental awareness	Environmental Consciousness	Self-Awareness
Issue 1- Roads		✓	
Issue 2- Drainage	✓	,	
Issue 3- pollution	✓		
Issue 4- water			✓
Issue 5- Education			✓

Introduction to Problem Solving. Shortlisting the problems identified.

Problems/ Issues	Give score of 1-5				
	Urgency -How badly is affecting the environment	Knowledge - How much can you understand about this problem?	Ability - How confident are you to solve the problem?	Interest - How interested are you to solve the problem?	Total Score - Higher the score more it should be solved
Roads	3	4	2	4	4
Drainage	4	5	3	3	4
pollution	5	4	3	5	4
water	4	3	4	4	4.
Education	5	5	5	5	5



## THEMATIC SKILLS AND KNOWLEDGE

## SOFT SKILLS AND KNOWLEDGE



### Science-based research

- Well defined and agreed terminology and definitions
- Codified Field knowledge and evidence-based research
- The art of nature guiding & mentoring
- Knowledge and experience with green protocols and prescriptions
- Landscape design and its effect on health and well-being

### Business skills

- Project planning and operations
- Business model development
- Financial risk management and economic sustainability
- Fundraising
- Capacity of activating local resources

### Knowledge exchange

- Cross-learning among different thematic sectors
- Health and safety training in nature
- Involvement of healthcare sector
- Peer learning and collaboration among initiatives
- Big data usage

### Legal and political literacy

### Networking

- Involvement & lobbying of political decision-makers
- Community building and support based on shared values
- Facilitation skills
- Co-designing skills

### Communication

- Storytelling and creative ways of connecting
- Targeted digital marketing
- Communications and outreach

### Public perception of nature

### Quality assurance

### Policy silos

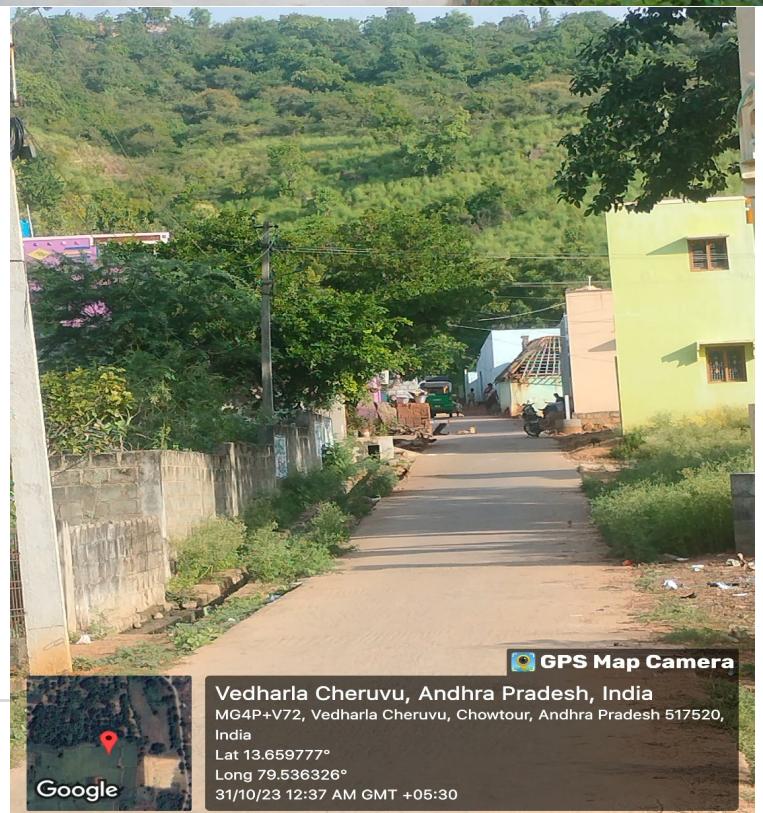
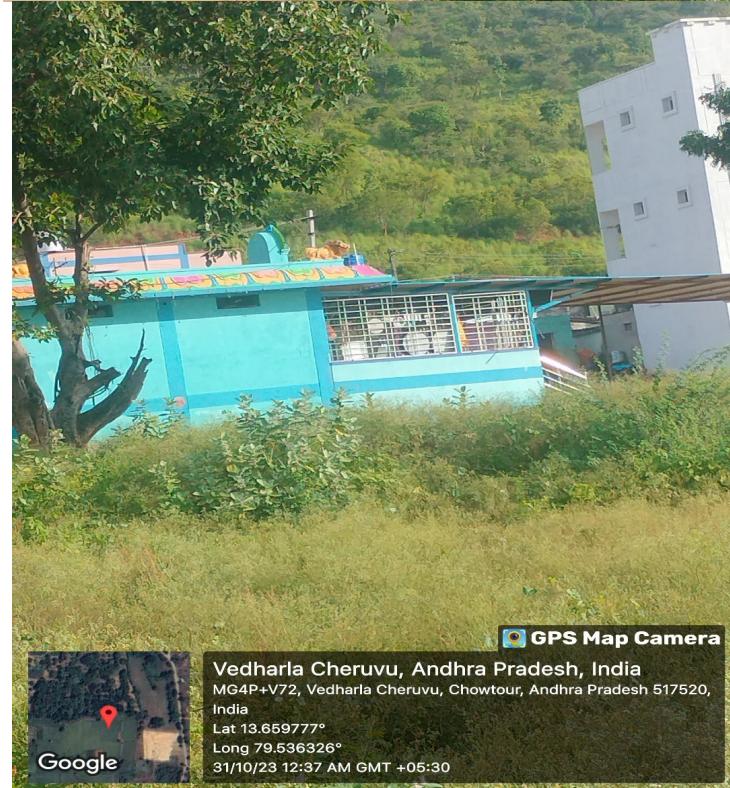
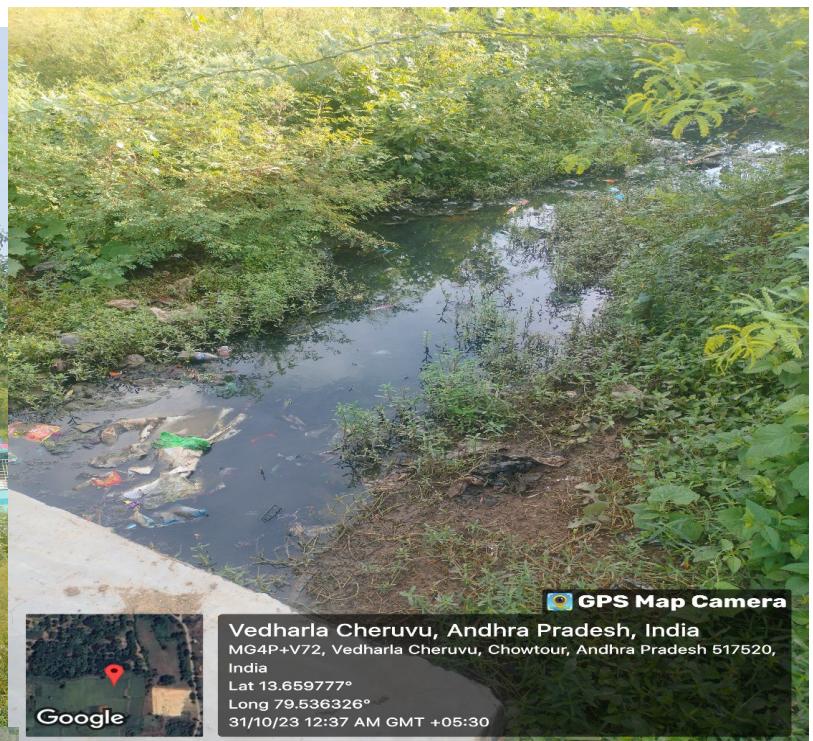
### Diverse value systems and ethics

### Diverse welfare economies

### Regulatory clarity



### 3.6. Observations in villages



## Short Term Solution:

The rural economy, however, continues to be an informal one, largely cash-oriented with unstructured cash flows. Most of the rural working population is typically the “Earn and Pay” segment, largely excluded from formal employment opportunities and predictable cash flows.

They earn their livelihood in cash and therefore prefer to spend and discharge their liabilities in cash itself. Moreover, given the lack of adequate banking facilities in rural areas, cash continues to be the preferred mode of transaction.

Things are changing on the ground. Once predominantly agrarian, the rural economy is getting increasingly more diversified, with the non-agricultural sector contributing to about two-thirds of household incomes. Additionally, those living in rural India are no longer as isolated from their urban counterparts as before, thanks to improved internet access. There is a whole generation of mobile-first rural Indians who have leapfrogged generations of technologies to the mobile phone.

Long Term Solution:



India is estimated to be the economic superpower of the future. Globalization has empowered the country and its youth to grow significantly. However, large percentage of India's population still remains un-impacted to this progress. This is because of lack of digital literacy in the rural India.

In India, approximately 40% population is living below poverty line, illiteracy rate is more than 25-30% and digital literacy is almost non-existent among more than 90% of population.

In a country with more than 6,50,000 villages, where more than half of its population live in rural areas and off-the-map villages. Most are remote and too isolated to benefit from the country's impressive economic progress. Yet there's a growing desire among people in rural India to be part of its modernization process.

This is why, the government has launched ***Pradhan Mantri Gramin Digital Saksharta Abhiyaan*** in hopes to help beneficiaries from rural parts of India reap the full benefits of a Digital India. The PMGDISHA is a dynamic and integrated platform for digital literacy awareness, education and capacity building programmes that will help the rural and under-served communities fully participate in the global digital economy.

Leading Indian Tyre manufacturer, CEAT Ltd., in partnership with NASSCOM Foundation, launched their first PMGDISHA centre at Saputra in Nashik District of Maharashtra.

The organization will provide complete support towards setting up the training centre with infrastructure and trainers, in collaboration with NASSCOM Foundation. The Foundation will also help in monitoring, and impact assessment for the program. Krushi Vikas Va Gramin Pratiksha Sanstha (KVGPS) will be the implementation partner and will be responsible for the operations and community engagement. The centre will train 1500 beneficiaries from the nearby underserved communities on all digital devices like computers and mobile phones.



## Building Digital Skills

### 3.8. Time Frame-CSP

S.No	Activity	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1	Reading Chapters								
2	Survey in House/ Neighbourhood/ College Environment								
3	Post Survey Forms- Walk in community								
4	Problem Tree Analysis								
5	Collecting & Analyzing Data								
6	Survey Reporting								
7	Mini Project								
8	Testing &Stake holder Feedback								
9	Feedback Improvise &Conclusi ons								
10	Communit y Awareness Campaign								
11	Project Report								



## **Feed Back Evaluation by Head of the Department**

Student Name: **Y. SAI REDDY PUNEETH** Date of Evaluation: **2-11-2023**  
Registration No: **21AK1A05C8**

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

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

Head Of Department

## Feed Back Evaluation by CSP Convener

Student Name: **Y. SAI REDDY PUNEETH** Date of Evaluation: **2-11-2023**  
Registration No: **21AK1A05C8**

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

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

**Signature of the Convenor**

## Feed Back Evaluation by CSP Coordinator

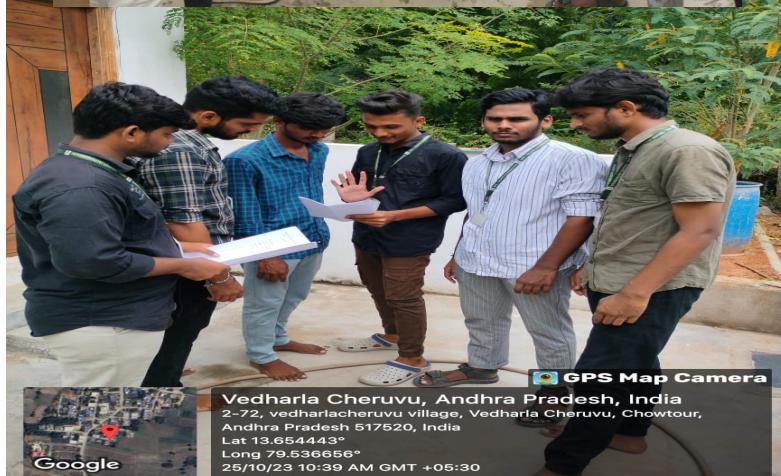
Student Name: **Y. SAI REDDY PUNEETH** Date of Evaluation: **2-11-2023**  
Registration No: **21AK1A05C8**

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

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

**Signature of the Coordinator**

## CHAPTER 5: AWARENESS CAMPAIGN PROGRAMME



- We understand the specific needs, concerns, and level of awareness of the villagers regarding digital skills and related issues. Consider conducting surveys or talking to community leaders to gain insights.
- We Emphasize the practical benefits for the community, such as usage of digital skills for development, which can improve their quality of life.

We Identify local champions or influencers within the community who can support and advocate for your program. Their endorsement can carry a lot of weight.

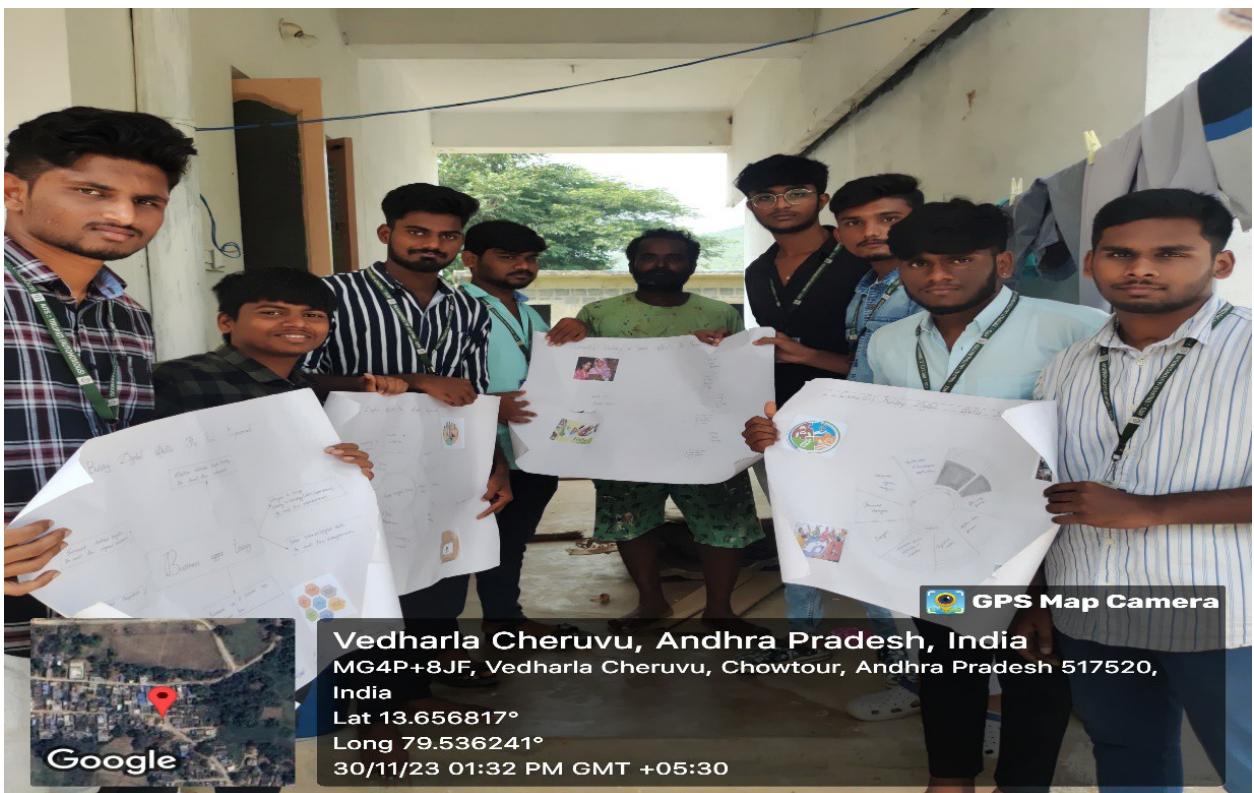
# **CHAPTER 6**

---

## **1. Recommendations**

Creating awareness of building awareness of digital empowerment

1. Organise workshops on digital skills
2. Social media campaigning about usage of digital skills
3. Policies by govt like providing campaign
4. Develop digital education program from school age



## Photos & Videos Link

[https://youtu.be/ICDB-\\_LUulo?\\_si=HSJPwVIMYd52W5x5](https://youtu.be/ICDB-_LUulo?_si=HSJPwVIMYd52W5x5)

<https://youtu.be/ABgsuLhz0g4?si=sIz8RUaMuMxM1jQE>

---

## **2. Conclusion**

What is the conclusion for digital technology?

The balance between digital technology and social interaction is the key to taking advantage of all of the affordances and minimizing all of the limitations that digital technology brings to children and their education, whether it be knowledge based or practice based.

- By using digital skills in rural areas
- We promote the idea of community service to awareness about digital skills and how
- to control the digital usage with limit usage as a general responsibility for all . By raising awareness about digital technology.

---

### **6.3. References**

1. <https://applieddigitalskills.withgoogle.com/s/en/home>
2. An overview of smart irrigation systems using IoT by Khaled Obaideen
3. <https://www.futurelearn.com/career-advice/grow-your-digital-skills>
5. <http://www.apsdps.ap.gov.in/>
6. <https://apsche.ap.gov.in/Pdf/Guidelines%20for%20the%20OJT%20Internship%20Community%20Service%20Project.pdf>
7. <https://www.skillindiadigital.gov.in/home>
8. <https://digitalskills.unlv.edu/digital-marketing/what-are-digital-skills/>