DR. LANKAPALLI BULLAYYA COLLEGE OF ENGINEERING

The Society For Collegiate Education
(Affiliated to Andhra University & Approved by AICTE)

# 52-14-75, Resapuvanipalem, Visakhapatnam - 530 013.

Ph: Off: 0891-2703293, 2703296

Email: principal@lbce.edu.in Website: www.lbce.edu.in

3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and

sensitizing the students to social issues for their holistic development during the last five years.

Faculty members of Dr. Lankapalli Bullayya College of Engineering (LBCE) have been guiding the

students to conduct the Extension activities in the neighbourhood community so that the quality

of life of the residents is improved. Through these activities students learn how to engage the

residents of the community and bring awareness on issues including Health, Hygiene, Literacy,

Women Empowerment, Civic Responsibilities, Energy and Environmental conservation.

Students have been conducting extension activities in the neighborhood area through

department clubs like Google Developer Students Club (GDSC), Energy Saving Awareness Club

(EnSav Club), Rotaract Club. EnSav club was established by GREEN9 (ENergy Efficient Research

Group) in the year 2016. It is dedicated to promote energy conservation and conduct energy

audits to help homeowners reduce their energy consumption.

Civil Engineering students have conducted a Household Survey at Resapuvanipalem, which is the

neighbouring area of the college. Students surveyed the aspects like type of house, Rainwater

harvesting availability, Daily Water usage, Tank size available, Total Dissolved Solids of water,

usage of water purifier, any Distress Identification, Identification of Cracks, Drainage Facility and

Greenery in every household at Resapuvanipalem. The students advised the community

members regarding the need for water conservation and suggested appropriate measures to

achieve the same. The beneficiaries felt that these inputs were essential for enhancing

underground water conservation.

Through GDSC, Students of Computer Science Engineering have conducted an Extension activity titled, "Training Programme on Computer Literacy for Housewives" for the residents of Resapuvanipalem area, Visakhapatnam. They have created awareness program on sending Emails, Payments using UPI apps with protection, using Internet Banking, working with MS Office Tools. The GDSC members have also conducted an activity titled, "Game Applications Development for High School students". This provided a platform for the High school students to build their own simple games.

Students of Electrical and Electronics Engineering conducted extension activities on Energy Conservation through the EnSAv club. EnSav Club members have conducted energy audit of the Resapuvanipalem area. They have documented the energy consumption of each individual household while also providing suggestions to reduce energy consumption. The beneficiaries of this activity expressed that implementation of suggested measures would help them in reducing their power bills and also in creating a sustainable environment.

The college has a NSS unit that helps in disseminating knowledge necessary for individual and societal improvement. The NSS unit has adopted the Resapuvanipalem area. It has conducted Literacy Survey of Resapuvanipalem and distributed books, pencils to the residents. It has conducted various awareness programs on improving the Health and Hygiene of the vulnerable sections of society including children, pregnant mothers and elderly people. These programmes relating to Food and Nutrition, prevention of Child Marriages, Women Empowerment and Civic responsibilities. It has also conducted rallies on AIDS Awareness, Environmental Awareness, Blood Donation and Health checkup camps.

The NSS Unit of the College was chosen to participate in the UNICEF project on Risk Communication & Community Engagement. Under this project the NSS unit has conducted many rallies and awareness programs during the Covid-19 pandemic.



# Dr. Lankapalli Bullayya College of Engineering New Resapuvani Palem, Visakhapatnam

Sponsored by Society of Collegiate Education Approved by AICTE, Affiliated to Andhra University

#### 3.4.1 Outcomes of Extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

S.No	Name of the Activity	Date	
	2022-2023	28-06-2022	
1	Awareness campaign regarding Mother's milk as immunity boosters to Infants to residents of the Resapuvanipalem slum.		
2	Awareness campaign about the Importance of breast feeding, mother's milk to the growth and immunity development in the infants to residents of Resapuvanipalem slum.	29-08-2022	
3	Awareness campaign about the Nutrients in the Mother's milk and precautionary measures to avoid Diarrhea among children to residents of Resapuvanipalem slum.	30-08-2022	
4	Awareness campaign about post COVID complications to old people and also how to take healthy diet for immunity development of the body to residents of Resapuvanipalem slum.	02-09-2022	
5	Awareness campaign regarding importance of Nutritive food and balanced diet to the children residing in the Resapuvanipalem slum .	03-09-2022	
6	Vegetarian 2k Run .	01-11-2022	
7	Awareness camp regarding Malnutrition to the residents of Resapuvanipalem Slum.	07-11-2022	
8	Awareness campaign regarding Health and Hygiene to the residents of Resapuvanipalem slum.	08-11-2022	
9	Awareness campaign regarding Immunity to the residents of Resapuvanipalem slum.	09-11-2022	
10	Blood Donation Camp.	18-11-2022	
11	Awareness campaign regarding Food, Nutrition and Immunity Boosters to the residents of Resapuvanipalem slum.	24-11-2022	
12	Awareness campaign regarding Child Marriages to residents of the Resapuvanipalem slum	25-11-2022	

13	Oral Health Awareness Campaign.	03-01-2023
14	Voter Awareness Rally.	25-01-2023
15	Household survey at Resapuvanipalem .	18-04-2023
16	Earth Day Celebrations .	22-04-2023
7	2021-2022	
17	Voter Awareness Programme.	21-10-2021
18	Azadi ka Amrit Mahotsav .	30-10-2021
19	Covid-19 Awareness Rally .	18-12-2021
20	Awareness programme on Precautionary measures to be taken to avoid COVID attack, exclusively to Senior citizens and Children in the Resapuvanipalem slum.	07-02-2022
21	Awareness programme on Health and Nutrition in COVID-19 appropriate conditions to residents of Resapuvanipalem slum .	09-02-2022
22	Awareness campaign regarding Health and Hygiene to be maintained during COVID-19 to residents of Resapuvanipalem slum.	10-02-2022
23	Awareness Programme on Career Guidance.	05-03-2022
24	Swachh Bharath( Clean and Green)Programme in Resapuvanipalem Slum.	17-03-2022
25	Awareness campaign regarding Health and Hygiene to be maintained during this summer season to residents of Resapuvanipalem slum.	25-04-2022
26	Awareness programme on Precautionary measures to be taken against COVID-19 to residents of the Resapuvanipalem slum.	26-04-2022
27	Awareness campaign regarding air and water pollution to residents of the Resapuvanipalem slum.	27-04-2022
28	Awareness campaign regarding Food and Nutrition to be maintained during the Covid-19 pandemic to residents of the Resapuvanipalem slum.	28-04-2022
29	Awareness campaign regarding Child Marriages to residents of the Resapuvanipalem slum.	29-04-2022
	2020-2021	
30	Clean and Green Plantation.	22-02-2021
31	International Womens Day Candle Light Rally .	07-03-2021
32	Earth Day Celebrations .	22-04-2021
33	World Environment Day Celebrations .	05-06-2021

	2019-2020	
34	Energy Audit of Residential Buildings in the nearby areas	06-07-2019 to 27-07-2019
35	Swachh Bharath ( Clean and Green) Programme in Resapuvanipalem Slum.	10-07-2019
36	Books, Slates and Pens Distribution to Children of Resapuvanipalem Slum.	11-07-2019
37	Awareness Programme on Water and Air Pollution.	12-07-2019
38	Literacy Review in Resapuvanipalem Slum	13-07-2019
39	Awareness Programme regarding Health Hazards of Plastic.	15-07-2019
40	World Hospice and Palliative Care Day Celebrations.	12-10-2019
41	Power Walk on the Eve of International Women's Day.	07-03-2020
-	2018-2019	,
42	Seed Balling Campaign .	29-08-2018
43	Blood Donation .	06-10-2018
44	AIDS Day Rally.	01-12-2018
45	Blood Donation Camp.	02-01-2019
46	National Voters Day .	25-01-2019
47	NSS Cadets participation in AP General Elections 2019 .	11-04-2019
48	Energy Audit of Residential Buildings in the nearby areas	03-05-2019 to 24-05-2019

Principal

Or. Lankapathi Bullayya College of Engineering

D.No.52-14-75, Resapuvanipalem

Visakhapatnam-530013, Andhra Pradesh

### Report On Household Survey at Resapuvanipalem an Extension Activity (18-04-2023)



Organized By



# Dr.Lankapalli Bullayya College of Engineering

Sponsored by the Society for Collegiate Education
Approved by AICTE, Affiliated to Andhra University
52-14-75 Survey No:44, National Highway 16, Near, Rama Talkies Rd, Old TB Hospital Area,
Resapuvanipalem, Dwaraka Nagar, Visakhapatnam, Andhra Pradesh 530013.
Website: www.lbce.edu.in

From
Dr.G.T.Naidu,
Head of the Department
Department of Civil Engineering,
Dr.LankapalliBullayya College of Engineering,
Visakhapatnam.

To
The Principal,
Dr. LankapalliBullayya College of Engineering,
Visakhapatnam.

Respected Sir,

Sub: Request to grant permission for a household survey at Resapuvanipalem as a part of extension activity-III/IV B.Tech Civil -reg

Students of 3<sup>rd</sup> B. Tech should do an extension activity as a part of their academic curriculum. We are planning to go for a "Household Survey at Resapuvanipalem" on 18<sup>th</sup> April 2023 which can be a valuable learning experience that provides practical skills to the students and to provide awareness to residents on water quality and building health. We request your kind self to grant permission to initiate the work.

Thanking you Sir,

Yours Sincerely,

م (۱۰ ۲۰ کونکور) (Dr.G,T,Naidu)

Pomitted, 00 15/4/23



# Dr. Lankapalli Bullayya College of Engineering

New Resapuvani Palem, Visakhapatnam

Sponsored by Society of Collegiate Education Approved by AICTE, Affiliated to Andhra University

#### **CIRCULAR**

DATE: 15-04-2023

It is hereby informed that the students of 3<sup>rd</sup> B. Tech from the department of Civil Engineering is doing an extension activity "A Household Survey at Resapuvanipalem" on 18<sup>th</sup> April 2023 as a part of their academic curriculum. All the students of III/IV Civil are informed to participate in the extension activity without fail.

PRINCIPAL

D. No.52-14-75, Resapuvanipalem
Visakhapatnam-530013, Andhra Pradesh

Copy to
Hon'ble Secretary and Correspondent
Copy to all HODs,
Copy to IQAC Co-Ordinator

HOD CSE	HOD EEE	HOD ECE
1	Change .	A
HOD BS&H	ÍQAC	(DI/IV Civil
Villedly De.	Beran	don

## Brief Description of the Extension Activity:

## "Household Survey at Resapuvanipalem"

The students surveyed the following aspects in every household at Resapuvanipalem

- 1. Type of house
- 2. Rainwater harvesting availability
- 3. Water usage (Daily Consumption)
- 4. Tank size available
- 5. Source of water availability
- 6. TDS of water
- 7. Usage of water purifier
- 8. Any Distress Identification
- 9. Any Cracks
- 10. Drainage Facility
- 11. Greenery

### BROCHURE OF THE EXTENSION ACTIVITY

# Dr.Lankapalli Bullayya College of Engineering Sponsored by the Society for Collegiate Education Approved by AICTE, Affiliated to Andhra University



## Household Survey at Resapuvanipalem, an Extension Activity

- 1. Type of house
- 2. Rainwater harvesting availability
- 3. Water usage
- 4. Tank size available
- 5. Source of water availability



- 6. TDS of water
- 7. Usage of water purifier
- 8. Any Distress Identification
- 9. Any Cracks
- 10. Drainage Facility
- 11. Greenery

Conducted by the Department of Civil Engineering on 18-04-2023

### LIST OF PARTICIPANTS

S.No	Roll No	Student Name
1	320136408001	BADABANDALA NITISH KUMAR
2	320136408002	BANDARU BHAGATH
3	320136408003	BANDARU PURNA PRUDHVI
4	320136408004	BODDU VENKATA DURGA REDDY
5	320136408005	CHUKKALA KUSHALINI
6	320136408006	DADI BHANU PRASAD
7	320136408007	DALAPATHI BANGARU DORA
8	320136408008	DUVVU KALI KUMAR
9	320136408009	GANTA HEMANTH KUMAR
10	320136408010	GANTI SUNIL KUMAR
11	320136408011	GOTTAPU SARATH KUMAR
12	320136408012	GUGGILAPU SUJATHA
13	320136408013	JADA RAJA SRI VARDHANI
14	320136408014	KALLA REVATHI RAMANI
15	320136408015	KAPPALA CHANDU
16	320136408016	KASIREDDY RAMU
17	320136408017	KATRAGADDA SAI SANDEEP
18	320136408018	KURITI TEJASWI
19	320136408019	MADIREDDI PADMA
20	320136408020	MANDALA SANTOSH KUMAR
21	320136408021	MARGANA CHARAN NAGA SAI
22	320136408022	MIDATADA BHANU PRAKASH
23	320136408023	MOPADA SRINIVAS
24	320136408024	MUDDANA TEENA SAI PRASANTHI
25	320136408025	MULAVEESALA MURALI RAGHAV
26	320136408026	MYCHARLA SANDHYA
27	320136408027	NAKKELLA PRASANTH SAI
28	320136408028	NERUSU JAI RAM
29	320136408029	NODAGALA NANDINI
30	320136408030	PALINA DEVI SAMPATH VARDHAN
31	320136408031	PODILAPU YUGANDHAR
32	320136408032	PYLA LALITHA
33	320136408033	ROUTHU SAIKUMAR
34	320136408034	SODIPILLI GNAPIKA
35	320136408035	TAMARANA SUBHASH CHANDRA BOSE
36	320136408036	TAMMINENI LAKSHMI VARA PRASAD
37	320136408037	TEKKALI YOGESH VENKATA VINAY
38	320136408038	VANA SAMPATH KUMAR
39	320136408039	VANDRANGI SAI BALA GOPAL
40	320136408040	VANTHALA UDAY KIRAN
41	320136408041	VEDA GAYATRI YEDLA
42	320136408042	YAKA KALYAN
43	320136408043	YEDURI VASANTHI
44	320136408044	CHAPPA REVATHI
45	320136408045	KOLLI DEVI





46	320136408046	K TWIHAL RAJ KUMAR
47	320136408047	MALLAPUREDDY BHARGAV DORA
48	320136408048	NALIGIRI SAI SABARI NADH
49	320136408049	OMMI HARSHITH KUMAR
50	320136408050	PANGI KARISHMA
51	320136408051	PONNAGANTI MAHIMA
52	320136408052	PURIJALA SAI KIRAN
53	320136408053	PUTTEPU YUGANDHAR
54	320136408054	SINGAMPALLI SRINU
55	320136408055	SUBHANI SHAIK
56	320136408056	VADAMODULA KINNERA
57	320136408057	VASUPALLI DUNESH
58	315136408027	SURYA JHANSI

Head of the Dep Dept. of Civil Engineering Or. Lankapalli Bullayya College of Engg. for Works Visakhapatnam-530013

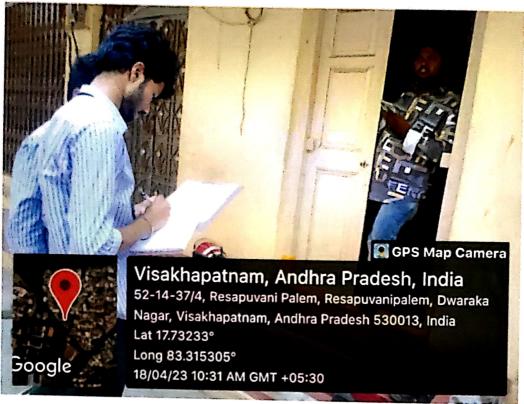
# Dr. Lankapalli Bullayya College of Engineering

EXTENSION ACTIVITY (Civil Department)

## I)Team members

- B.Nitish kumar
- B.Bhagath
- B.Purna prudhivi
- B.Venkata durga reddy
- Ch.Kushalini

### 1.House no: 52-14-37/4



1. Type of house

: Individual house

2.Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available

: 500 Lt

5. Source of water availability

: Municipal and Motor water

6.TDS of water

: 157

7.Usage of water purifier

: No

8. Any Distress Identification

: No

9.Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: Yes (Terrace)

## 2. House No: 52-14-33



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 600 Lt (6 Members)

4. Tank size available : 600 Lt

5. Source of water availability : Municipal and Motor water

6. TDS of water : 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes

#### 3. House no: 52-14-18



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.1

7. Usage of water purifier : No

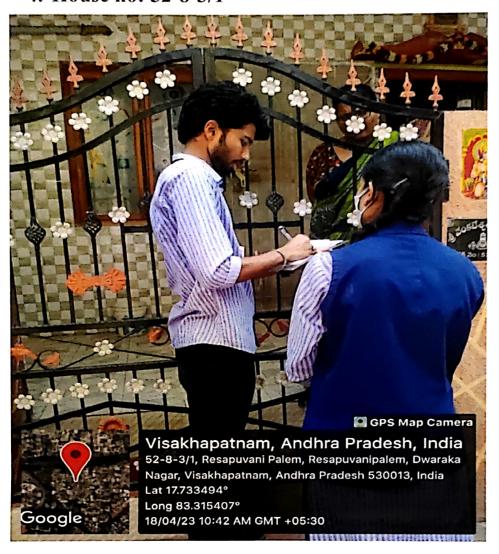
8. Any Distress Identification : No

9. Any Cracks :No

10. Drainage Facility : Yes

11. Greenery : No

#### 4. House no: 52-8-3/1



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1500 Lt (5 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal and Bore water

6. TDS of water :157

7. Usage of water purifier : No

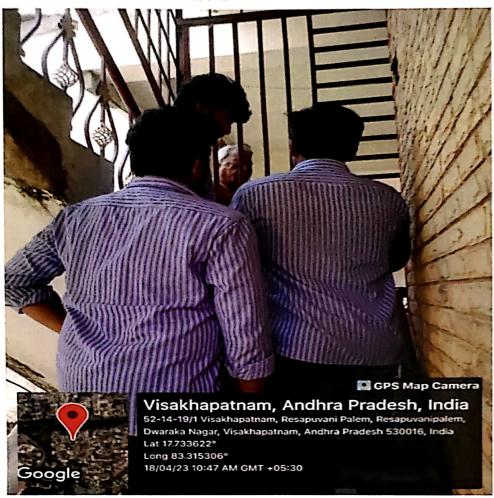
8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes

#### 5. House no: 52-14-19/1



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.2

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery: Yes

6. House no: 52-14-20



1. Type of house : Individual house

2. Rain water harvesting availability : No

3. Water usage(Daily Consumption) : 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.1

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : No

## 7. House No 52-8-6/4



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6.TDS of water : 156.8

7.Usage of water purifier : No

8. Any Distress Identification : No

9.Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes

#### 8. House no: 52-8-7/4



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption) : 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes

#### 9. House no: 52-13-30/1/3



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption) : 1000 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water :157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes

11. Greenery: Yes

#### 10. House no: 52-14-19



1. Type of house : Individual house

2. Rain water harvesting availability : Yes

3. Water usage(Daily Consumption) : 500 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water :157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes

11. 11.Greenery : yes

# **Beneficiary List**

s.no	HOUSE NO	BENEFICIARY NAME
1	52-14-37/4	K. KALA MURTHY
2	52-14-33	V GURUVULU
3	52-14-18	B VIJAYALAXMI
4	52-8-3/1	DASARI SATYA VENKATA KUMARI
5	52-14-19/1	V BHARATI
6	52-14-20	MADETI BHAGAVAN
7	52-8-6/4	S. RAMULU
8	52-8-7/4	Y GOWRI
9	52-13-30/1/3	P. RADHA RANI
10	52-14-19	G CHITTI

# Dr. Lankapalli Bullayya College of Engineering

EXTENSION ACTIVITY (Civil Department)

# II)Team members

- ❖ V. KINNERA
- ❖ Y. VASANTHI
- ❖ CH. REVATHI
- ❖ P. KARISHMA
- ❖ S. SRINU

1. House no: 52-14-24/1



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (8 Members) and 500Lt(4 members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 174

: No

8. Any Distress Identification

: No

9. Any Cracks

: Yes

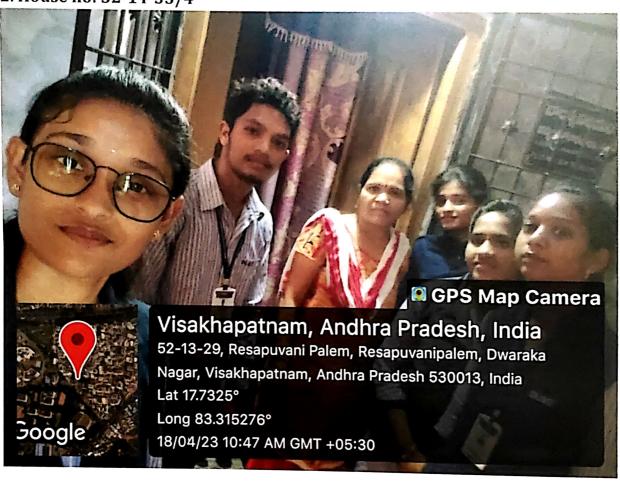
10. Drainage Facility

: No

11. Greenery

: No

2. House no: 52-14-33/4



1. Type of house

: Appartment (12 flats)

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 3000 Lt (3 times)

4. Tank size available

: 1000 Lt

5. Source of water availability

: Bore water

6. TDS of water

204

: No

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: Yes

3. House no: 52-14-11/2



1. Type of house

: Group house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (1 Members)

4. Tank size available

: 750 Lt

5. Source of water availability

: Bore water

6. TDS of water

: 157.1

7. Usage of water purifier

: No

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: Yes

## 4. House no: 52-14-50/1



1. Type of house

: Group house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available

:500 Lt

5. Source of water availability

: Municipal water

6. TDS of water

157

: No

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: No

5. House no: 52-14-69/3



1. Type of house

: Flat(6 houses)

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (1 Members)

4. Tank size available

:500 Lt

5. Source of water availability

: Municipal and bore water

6. TDS of water

: 157.2

: Yes

8. Any Distress Identification

: No

9. Any Cracks

: Yes

10. Drainage Facility

: Yes

11. Greenery

: Yes

6. House no: 11-8-19



1. Type of house

: Flat

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available

: 750 Lt

5. Source of water availability

: Municipal water

6. TDS of water

: 157.1

: No

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: Yes

7. House no: 52-14-69/1



1. Type of house

: Group house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (3 Members)

4. Tank size available

:500 Lt

5. Source of water availability

: Municipal and bore water

6. TDS of water

: 156.8

: No

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: No

8. House no: 52-9-4



1. Type of house

: Flat

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (4 Members)

4. Tank size available

: 750 Lt

5. Source of water availability

: Municipal and bore water

6. TDS of water

157

7. Usage of water purifier

: Yes

8. Any Distress Identification

: No

9. Any Cracks

: Yes

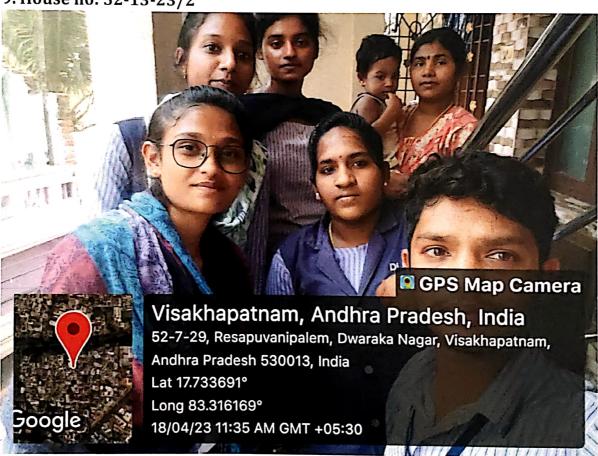
10. Drainage Facility

: Yes

11. Greenery

: Yes

9. House no: 52-13-23/2



1. Type of house

: Flat

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (3 Members)

4. Tank size available

: 500 Lt

5. Source of water availability

: Municipal and bore water

6. TDS of water

157

7. Usage of water purifier

: No

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: No





1. Type of house

: Flat

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption):1000 Lt (5 Members)

4. Tank size available

:500 Lt

5. Source of water availability

: Municipal and bore water

6. TDS of water

157

7. Usage of water purifier

: Yes

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: Yes

## **Beneficiary List**

S.NO	HOUSE NO	BENEFICIARY NAME
1	52-14-24/1	BOJINKI THATHARAO
2	52-14-33/4	PALIKILA PRABHAKAR REDDY
3	52-14-11/2	A. ANIL KUMAR REDDY
4	52-14-50/1	B. VENKATA LAKSHMI
5	52-14-69/3	S YOGISWAR REDDY
6	11-8-19	V SREE DEVI
7	52-14-69/1	T. RAJYA LAKSHMI
8	52-9-4	P. MANOHARA REDDY
9	52-13-23/2	P PADMAVATHI
10	52-7-15/1	MD KHADER VALI

# Dr. Lankapalli Bullayya College of Engineering

EXTENSION ACTIVITY (Civil Department)

## III)Team members

- ❖T.L.V.Prasad
- M.Teena sai prasaanthi
- ❖N.Nandini
- ❖ P.D.S. Vardhan
- ❖K.Raj kumar
- P.Yugandhar



1. Type of house

: Individual house

2. Rain water harvesting availability: No

3. Water usage(Weekly Consumption): 1000 Lt (1 Members)

4. Tank size available

: 500 Lt

5. Source of water availability

: Municipal and Motor water

6. TDS of water

165

7. Usage of water purifier

: No

8. Any Distress Identification

: No

9. Any Cracks

: No

10. Drainage Facility

: Yes

11. Greenery

: No



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt(4 Members)

4. Tank size available : 500 Lt × 2 = 1000Lt

5. Source of water availability : Municipal and Motor water

6. TDS of water 159

7. Usage of water purifier : Yes

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes (Flower pots)

#### 3. <u>House no</u>: 52-13-25



1. Type of house

: Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (2 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water 162

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : No



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (5 Members)

4. Tank size available  $: 500 \text{ Lt} \times 2 = 1000 \text{ Lt}$ 

5. Source of water availability : Municipal and Bore water

6. TDS of water 171

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

#### 5. <u>House no</u>: 52-13-7



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.2

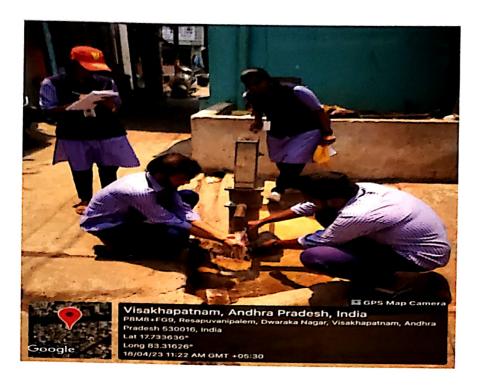
7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

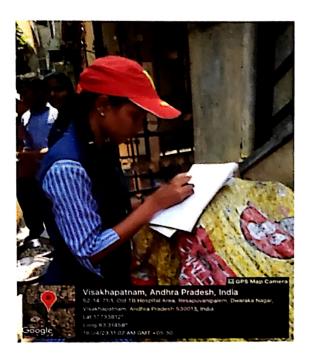
10. Drainage Facility : Yes

### 6. <u>House no</u>: Municipal bore water test



1. Type of flouse	; -
2. Rain water harvesting availability	· : -
3. Water usage(Daily Consumption)	: -
4. Tank size available	: -
5. Source of water availability	: -
6. TDS of water	185
7. Usage of water purifier	: -
B. Any Distress Identification	: -
9. Any Cracks	: -
10. Drainage Facility	: -
1. Greenery	

#### 7. <u>House no</u>: 52-13-11



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 162

7. Usage of water purifier : Yes

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes



### **Beneficiary List**

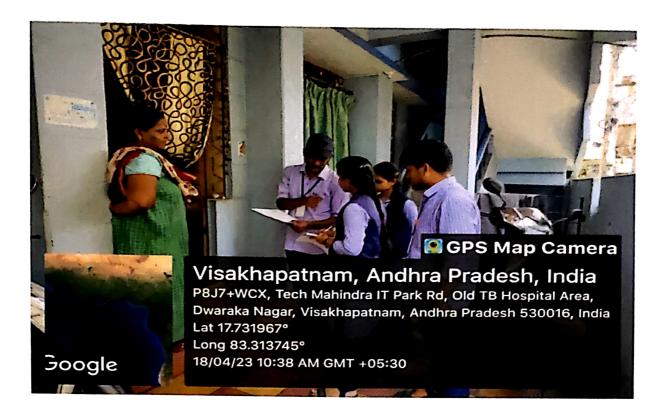
S.NO	HOUSE NO	BENEFICIARY NAME
1	52-13-28	B LAKSHMI
2	52-13-20	K PADMASREE
3	52-13-25	B GURUNADHA REDDY
4	52-13-30	R KALIDAS
5	52-13-7	G. ARJUNA RAO
6	Municipal Bore Test	RESAPUVANIPALEM
7	52-13-11	B NARASIMHULU

# Dr. Lankapalli Bullayya College of Engineering

EXTENSION ACTIVITY (Civil Department)

### IV)Team members

- R. SAIKUMAR
- D. KALIKUMAR
- J. SRIVARDHANI
- K. REVATHI
- ❖ G. SUNILKUMAR



1. Type of house : Individual house

2. Rain water harvesting availability : No

3. Water usage (Daily Consumption) : 250 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal and Motor water

6. TDS of water : 140

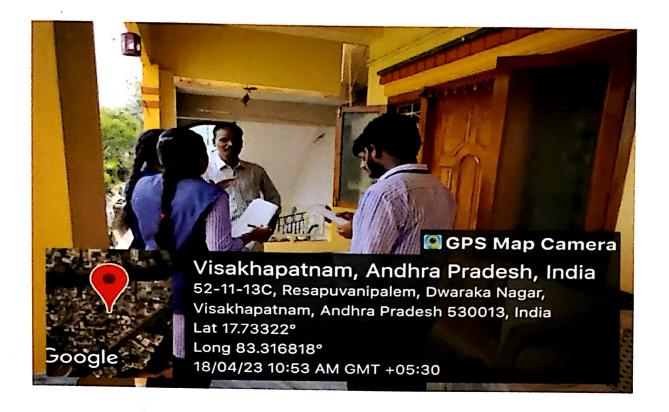
7. Usage of water purifier : yes

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes (Terrace)



1. Type of house : Individual house

2. Rain water harvesting availability: yes

3. Water usage(Daily Consumption): 300 Lt (6 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal and Motor water

6. TDS of water 155

7. Usage of water purifier : yes

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (4 Members)

4. Tank size available : 1000t

5. Source of water availability : Municipal water

6. TDS of water : 180.1

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : YES



1. Type of house : Individual house

2. Rain water harvesting availability: YES

3. Water usage(Daily Consumption) : 700Lt (5 Members)

4. Tank size available : 1000 Lt

5. Source of water availability : Municipal and Bore water

6. TDS of water 150

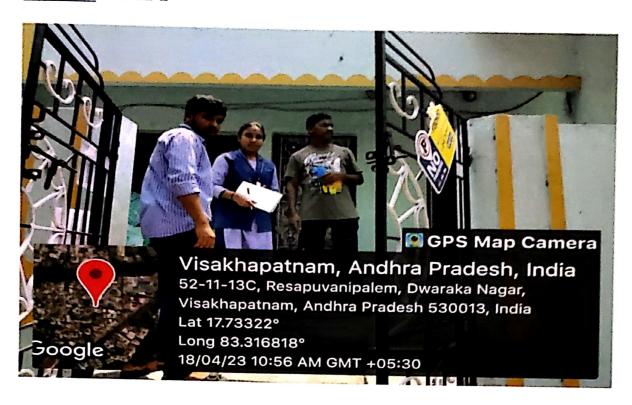
7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : NO

11. Greenery : NO



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 300 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.2

7. Usage of water purifier : YES

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 250 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 155.1

7. Usage of water purifier : No

8. Any Distress Identification : YES

9. Any Cracks : YES

10. Drainage Facility : Yes

11. Greenery : YES

#### 7. House no: 52-1-27/1



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 3000 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 140.8

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : NO



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : YES

10. Drainage Facility : Yes

11. Greenery : NO

#### 9. House no: 52-1-12/7



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 250 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes

(



1. Type of house : Individual house

2. Rain water harvesting availability: Yes

3. Water usage(Daily Consumption): 300 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes

11. Greenery : YES

# **Beneficiary List**

S.NO	HOUSE NO	BENEFICIARY NAME
1	52-1-13	G MANGAMMA
2	52-11-13/4	P M D RUPA CHANDRA
3	52-11-13C	V GAJAPATI RAO
4	52-10-27	E APPA RAO REDDI
5	52-11-2	P APPA RAO
6	52-11-4	D APPALA REDDI
7	52-1-27/1	G SRIRAMULU REDDY
8	52-1-29	R. CHANDRAKALA
9	52-1-12/7	D SURYA RAO
10	52-1-30	P SRINIVAS REDDY

# Dr. Lankapalli Bullayya College of Engineering

EXTENSION ACTIVITY (Civil Department)

## V)Team members

- ❖ M. CHARAN
- ❖ M. BHARGAV DORA
- ❖ N. JAYA RAM
- ❖ N. SAI SABARI NADH
- ❖ P. SAI KIRAN
- ❖ V. DUNESH
- ❖ Y. SURYA JHANSI



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal and Motor water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes (Terrace)



1. Type of house

: Individual house

2. Rain water harvesting availability : No

3. Water usage(Daily Consumption): 600 Lt (6 Members)

4. Tank size available

: 600 Lt

5. Source of water availability

: Municipal and Motor water

6. TDS of water

157

7. Usage of water purifier

: No

8. Any Distress Identification

: No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : Yes

3. House no: 52-11-13



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.1

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : No



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1500 Lt (5 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal and Bore water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.2

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.1

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : No



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 156.8

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes



1. Type of house : Individual house

2. Rain water harvesting availability: Yes

3. Water usage(Daily Consumption): 500 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes

11. Greenery : No

## **Beneficiary List**

S.NO	HOUSE NO	BENEFICIARY NAME
1	52-8-15	R. SHANKAR REDDY
2	52-10-27	E APPA RAO REDDI
3	52-11-13	V GAJAPATI RAO
4	52-11-12	K VISWESWARA RAO
5	52-11-6	P APPALARAJU
6	52-11-14	B. PADMA
7	52-11-12/1	S MANGA RAJU
8	52-11-12/2	S MUTYALA RAO
9	52-11-15/2	K KRUPANANDAM
10	52-7-21	B APPARAO REDDY





# Dr. Lankapalli Bullayya College of Engineering

EXTENSION ACTIVITY (Civil Department)

## VI)Team members

- ❖ MYCHARLA SANDHYA
- \* PYLA LALITHA
- ❖ SODIPILLI GNAPIKA
- ❖ VANA SAMPATH
- YAKA KALYAN

### 1. House no: 52-8-15/1



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal and Motor water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification: No

9. Any Cracks : No

10. Drainage Facility: Yes

11. Greenery : Yes (Terrace)

## 2. House no: 52-10-27/2



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 600 Lt (6 Members)

4. Tank size available : 600 Lt

5. Source of water availability : Municipal and Motor water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

3. House no: 52-11-13/2/7



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.1

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : No

#### 4. House no: 52-11-12



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1500 Lt (5 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal and Bore water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

# 5. House no: 52-11-6/1



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 500 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.2

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

### 6. House no: 52-11-14/2



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water : 157.1

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

11. Greenery : No

7. House no: 52-11-12/3



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Waterusage(Daily Consumption): 1000 Lt (4 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water : 156.8

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

8. House no: 52-11-12/4

(



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 750 Lt (4 Members)

4. Tank size available : 750 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : No

10. Drainage Facility : Yes

9. House no: 52-11-15



1. Type of house : Individual house

2. Rain water harvesting availability: No

3. Water usage(Daily Consumption): 1000 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes

10. House no: 52-7-21



1. Type of house : Individual house

2. Rain water harvesting availability: Yes

3. Water usage(Daily Consumption): 500 Lt (2 Members)

4. Tank size available : 500 Lt

5. Source of water availability : Municipal water

6. TDS of water 157

7. Usage of water purifier : No

8. Any Distress Identification : No

9. Any Cracks : Yes

10. Drainage Facility : Yes

11. Greenery: No

# **Beneficiary List**

S.NO	HOUSE NO	BENEFICIARY NAME
1	52-8-15/1	RESAPU BHAGYALATHA
2	52-10-27/2	Y JANARDHANA RAO
3	52-11-13/2/7	D POLI REDDY
4	52-11-12	R KANAKAMMA
5	52-11-6/1	P. LAVANYA & P. SURYANARAYANA REDDY
6	52-11-14/2	B. PADMA
7	52-11-12/3	KS.RANGA
8	52-11-12/4	KD RAO
9	52-11-15	M PAPAYYAMMA
10	52-7-21	B APPARAO REDDY



# Dr. Lankapalli Bullayya College of Engineering New Resapuvani Palem, Visakhapatnam

Sponsored by Society of Collegiate Education Approved by AICTE, Affiliated to Andhra University

## DEPARTMENT OF CIVIL ENGINEERING

## EXTENSION ACTIVITY ON HOUSEHOLD SURVEY PARTICIPATION LIST OF STUDENTS

S.No	Roll No	Name of the Student	Signature
1	320136408001	Badabandala Nitish kumar	But 18
2	320136408002	Bandaru Bagath	B'Bhagath.
3	320136408003	Bandaru Purna Prudhvi	- ABSENT -
4	320136408004	Boddu Venkata Durga Reddy	B.V. D.
5	320136408005	Chukkala Kushalini	Ch. kusha lini
6	320136408006	Dadi Bhanu Prasad	- ABSENT -
7	320136408007	Dalapathi Bangaru Dora	D'Bangaru Dora
8	320136408008	Duvvu Kali Kumar	- ABSENT
9	320136408009	Ganta Hemanth Kumar	- ABSENT -
<u>]</u> 10	320136408010	Ganti Sunil kumar	G. Smilkeman
11	320136408012	Guggilapu Sujatha	Grenialla
12	320136408013	Jada raja sri vardhani	J. Raja Sri vardhaa?
13	320136408014	Kalla Revathi Ramani	K. Revathi Ramani
14	320136408015	Kappala Chandu	K. Chande
15	320136408016	Kasi Reddy Ramu	K-Ranin
16	\$2013 <b>64</b> 08017	Katragadda Sai Sandeep	K. Soi Sunder P
17	320136408018	Kuriti Tejaswi	16- Tejalwi,
18	320136408019	Madireddi Padma	M. Rading
19	320136408020	Mandala Santosh Kumar	M. Santol Rumar.
20	320136408021	Margana Charan Naga Sai	M Charace No
21	320136408022	Midatada Bhanu Prakash	M. Bhaylungerokal
22	320136408023	Mopada Srinivas	M. Sverison
23	320136408024	Muddana Teena Sai Prasanthi	M. Teoro
24	320136408025	Mulaveesala Murali Raghav	Mwali
25	320136408026	Mycharla Sandhya	M. Sandlina
26	320136408027	Nakkella Prasanth Sai	N. Rusanthad
27	320136408028	Nerusu Jai Ram	N. Ja Ram.

S.No	Roll No	Name of the Student	Signature
28	320136408029	Nodagala Nandini	12
29	320136408030	Palina Devi Sampath Vardhan	P.D.S. Var dram.
30	320136408031	Padilapu Yogandhar	P. Yugann har
31	320136408032	Pyla Lalitha	P. dalles
32	320136408033	Routhu Sai Kumar	R-Gikumon
33	320136408034	Sodipilli Gnapika	S. Grapile
34	320136408035	T.Subhash Chandra Bose	- ABSENT -
35	320136408036	T L Vara Prasad	1.1.
36	320136408037	T Yogesh Venkata Vinay	174.J.VICOBY.
37	320136408038	Vana Sampath Kumar	V. Samal
38	320136408039	Vandrangi Sai Bala Gopal	J Salahapalo
39	320136408040	Vanthala Uday Kiran	- ABSENT -
40	320136408041	Veda Gayathri Yedla	V. Veda yayatri
41	320136408042	Yaka Kalyan	Y Kalyan
42	320136408043	Yeduri Vasanthi	L. Masavatul
43	320136408044	Chappa Revathi	-ABSENT -
44	320136408045	Kolli Devi	K. Der?
45	320136408046	K. Twihal Rajkumar	- ABSENT -
46	320136408047	Mallapureddy Bhargav Dora	H Sheliean
47	320136408048	Naligiri Sai Sabari Nadh	N. Share Nedby
48	320136408049	Ommi Harshith Kumar	O-Haskity)
49	320136408050	Pangi Karishma	P. Karkhwa
50	320136408051	Ponnaganti Mahima	P. Marina
51	320136408052	Purijala Saikiran	PSafara
52-	320136408053	Puttepu Yugandhar	1. Yasendhar
53	320136408054	Singampalli Srinu	- ABSENT -
54	320136408055	Shaik Subhani	3/h. Jubli
55	320136408056	Vadamodula Kineera	Himery
56	320136408057	Vasupalli Dunesh	V. Dunas
57	315136408027	Yampada Surya Jhansi	Figh him



Signature of the Coordinator:

Signature of the HOD

## Impact of the Event:

Conducting household surveys as students is a valuable learning experience that provides practical research skills, promotes community engagement, and contributes to the understanding of various aspects of households and communities. Students were able to understand the practical issues associated with a household that occurs after construction.

They observed the water quality and building health of every household they visited. They measured the Total Dissolved Solids (TDS) of water samples including groundwater.

They also inspected the Structural failures of the building, which helps in analyzing the mistakes during the construction phase.

Overall the students benefitted from learning practical issues faced by the residents.

Principal

Dr. Laskepalli Bullayya College of Engineering D.No.52-14-75, Resapuvanipalem Visakhapatnam-530013. Andhra Pradesh