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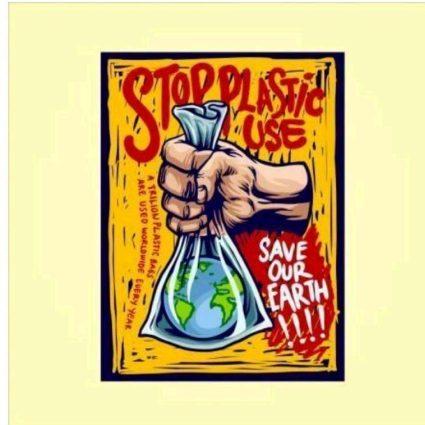
# PROGRAM BOOK

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Community Service Project



## Awareness On Plastic Pollution



**AP STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHARPRADESH)

## Program Book for Community Service Project

### Name of the Student:

B.Jayasurya Tejaswini,	(21A81A0406)
Ch.Bala Naga Venkata Teja,	(21A81A0409)
D.Jyothi Sai Vanaja,	(21A81A0415)
K.Hanumanth Sai Rajeswar,	(21A81A0421)
K.Mahesh Chandra,	(21A81A0424)
K.Prahalad Sanjay,	(21A81A0430)
M.Kowshika Priya,	(21A81A0432)
M.Nandha Kishore,	(21A81A0433)
M.Vivekanandha,	(21A81A0435)
M.L.Durga Aiswarya,	(21A81A0438)
M.Abhishek,	(21A81A0441)
N.Uma Sai Durga ,	(21A81A0443)
P.Rajesh kesava Guptha ,	(21A81A0444)
S. Kiran	(21A81A0451)
T.Lakshmi Gayatri	(21A81A0461)

**Name of the College:** SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

**Period of CSP:** 8weeks

**From:**1/10/2022 **To:** 30/11/2022

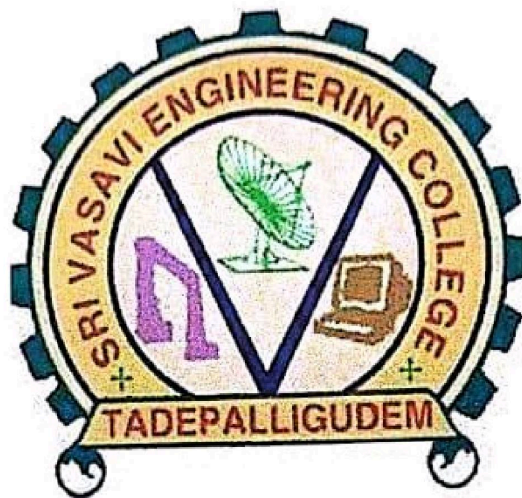
**Name & Address of the community /Habitation:**Tetali,Tanuku Mandal,

West Godavari district Andhra Pradesh-534218



**COMMUNITY SERVICE PROJECT ON  
AWARENESS ON PLASTIC POLLUTION**

BACHELOR OF TECHNOLOGY IN  
ELECTRONICS AND COMMUNICATION ENGINEERING



**DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING**

**SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)  
Pedatadepalli, TADEPALLIGUDEM - 534101, W.G. Dist.**

**FACULTY COORDINATOR**

**Dr.E.Kusuma Kumari,  
PROFESSOR**

**HEAD OF THE DEPARTMENT**

**Dr.E.Kusuma kumari  
PROFESSOR &HOD**

## **Instructions to Students for Community Service Project**

**Please read the detailed Guidelines on Community Service Project hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>**

**Link: <https://apsche.ap.gov.in/Pdf/Guidelines%20for%20the%20OJT%20Internship%20Community%20Service%20Project.pdf>**

1. It is mandatory for all the students to complete 2 months (180 hours) of Community Service Project as a part of the 10 month mandatory internship/on the job training.
2. Consider yourself as a committed volunteer in the community, you work with.
3. Every student should identify the village/community/habitation for Community Service Project (CSP) in consultation with the College Principal/the authorized person nominated by the Principal.
4. Report to the community/habitation as per the schedule given by the College. You must make your own arrangements of transportation to reach the community/habitation.
5. You will be assigned with a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow volunteers. Post your daily activity done and/or any difficulty you encounter during the programme.
6. You should maintain punctuality in attending the CSP. Daily attendance is compulsory.
7. You are expected to learn about the community/habitation and their problems.
8. Know the leaders and the officials of the community/habitation.
9. While in project, always wear your College Identity Card.
10. If your College has a prescribed dress as uniform, wear the uniform daily.
11. Identify at least five learning objectives in consultation with your Faculty Guide. These learning objectives can address:
  - Information about the community, including the realities and problems of the society.
  - Need for creating awareness on socially relevant aspects/programs.
  - Acquiring specific Life Skills.
  - Learning areas of application of knowledge and technologies related to your discipline.

12. Practice professional communication skills with team members, and with the leaders and officials of the community. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
13. Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.
14. At the end of Community Service Project, you shall be evaluated by the person in-charge of the community/habitation to whom you report to.
15. There shall also be evaluation at the end of the community service by the Faculty Guide and the Principal.
16. Do not indulge in any political activities.
17. Ensure that you do not cause any disturbance to the inhabitants or households during your interaction or collection of data.
18. Be cordial but not too intimate with the persons you come across during your service activities.
19. You should understand that during this activity, you are the ambassador of your College, and your behavior during the community service programme is of utmost importance.
20. If you are involved in any discipline related issues, you will be withdrawn from the programme immediately and disciplinary action shall be initiated.
21. Do not forget to keep up your family pride and prestige of your College.
22. Remember that you are rendering valuable service to the society and your role in the community development will become part of the history of the community.

# **Community Service Project Report**

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

**Name of the College** : Sri Vasavi Engineering College

**Department** : Electronics and Communication Engineering

**Name of the Faculty Guide:** Dr.E.Kusuma Kumari ,Professor

**Duration of the CSP** : From :1/10/2022 To: 30/11/2022

**Programme of Study** :B.Tech

**Year of Study** :2<sup>nd</sup> Year

**Date of Submission** :17-02-2023



## Student's Declaration

We are the students Of **Sri Vasavi Engineering College** ,of the **Department of Electronics and communication Engineering** , do hereby declare that we have completed the mandatory community service from **1<sup>st</sup>OCTOBER** to **30thNOVEMBER** in Tetali Village under the Faculty Guidership of **Dr.E.Kusuma Kumari Madam, Department of Electronics and communication Engineering In Sri Vasavi Engineering College**

B.T.S. Tejaswini.

Ch. B. N. V. Raja

D. Jyothi Sai Varaha

K. H. S. Rajeswar

~~K. Mahesh~~

~~K. P. Prasad~~

M. Koushika Praya

~~M. Nandha kalyan~~

M. Vivekanandhan.

M. Aiswarya

~~M. Anil~~

N. Uma Sai Durga

S. Kiran

P.R. Kesav.

T. L. Gayatri

Faculty Guide

*[Signature]*

Head of the Department

*[Signature]*



## CERTIFICATE FROM OFFICIAL OF THE COMMUNITY

This is certify that Bhimavarapu Jayasurya Tejaswini ,Chakka Bala Naga Venkata Teja,Dwaramapudi Jyothi sai vanaja, Kakaraparathi Hanumath sai Rajeshwar, Kasa Mahesh Chandra ,Koyyagarla Prahalad Sanjay, Mahadeva kowshika Priya, Makineedi Nandha Kishore ,Mallipudi vivekanandha, Metta Lakshmi Durga Aiswarya, Mognati Abhishek,Nuni uma sai Durga, Palivela Rajesh KesavaGuptha,

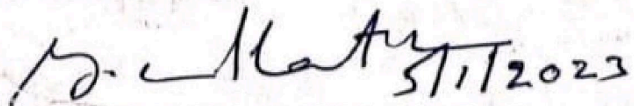
Savarapu Kiran,Thota Lakshmi Gayatri(Name of the community service volunteer)

Reg. no 21A81A0406,21A81A0409,21A81A0415,21A81A0421,21A81A0424, 21A81A0430,21A81A0432,21A81A0433,21A81A0435,21A81A0438,21A81A0441,

21A81A0443,21A81A0444,21A81A0451,21A81A0461 Of Sri Vasvai Engineering

College(Autonomous)(Name of the college) under went community service in TETALI (Name of the community) from 23/10/2022 to 18/11/2022

The overall performance of the communityservice volunteer during his/her community service is found to be good (satisfactory /good)

  
31/11/2023

Authorized signatory with date and seal

అధికారి కార్యదర్శి (సీల్-1)

గ్రామ పంచాయితీ, తేకలి.

పాపకు సుందలం (పా గో. జిల్లా.)

# ACKNOWLEDGEMENTS

We Would like to thank our community service project co-ordinator **Dr.E.Kusuma Kumari M.Tech ,Ph.D** Professor of department ECE, and for the guidance and throughout the mini project by providing us the required information. We would like to thank smt. **Dr.E.Kusuma Kumari**, Head of the department of ECE, **Dr.G.RATNAKAR RAO**, Principal of our college and Management of **SRI VASAVI ENGINEERING COLLEGE** for extending all the facilities without which this course would not have seen the light of the day. we wish to take this opportunity to express my deep sense of gratitude to all the people who have extended their co- operation in various ways during this community service project .we take pleasure to acknowledge the help of all the respected elders

FROM :	B.Jayasurya Tejaswini,	(21A81A0406)
	Ch.Bala Naga Venkata Teja,	(21A81A0409)
	D.Jyothi Sai Vanaja,	(21A81A0415)
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	S. Kiran	(21A81A0451)
	T.Lakshmi Gayatri	(21A81A0461)



## CHAPTER 1: EXECUTIVE SUMMARY

For survey we selected a village TETALI, ANDHAR PRADESH, INDIA,  
pincode- 534101

- We the Team no-1, have completed survey and took analysis on plastic pollution



marine live effects due to plastic

- Our main motto is spreading awareness on plastic in village And also Pros and cons
- We have divided into Two groups to make awareness on Plastic pollution .we taught the people about the plastic pollution in there own language
- we **have** also helped them to understand the questions which we have prepared and we also explained them in a very detailed manner
- we have also given great knowledge to people and provided enough knowledge regarding plastic pollution
- Finally ,while leaving we have give them useful materials Rather than plastic

## CHAPTER 2: OVERVIEW OF THE COMMUNITY

According to Census 2011 information the location code or village code of **Tetali** village is 588544. **Tetali** village is located in **Tanuku** mandal of **West Godavari district** in Andhra Pradesh, India. It is situated 2km away from sub-district headquarter **Tanuku** (tehsildaroffice) and 68km away from district headquarter **Eluru**. As per 2009stats, **Tetali** village is also a gram panchayat.

The total geographical area of village is **641** hectares. Tetali has a total population of **7,215** peoples, out of which male population is 3,539 while female population is 3,676. Literacy rate of tetali village is **68.08%** out of which 71.43% males and 64.85% females are literate. There are about 2,074 houses in tetali village. Pincode of tetali village locality is 534218.

Tanuku is nearest town to tetali for all major economic activities, which is approximately 2km away.



plastic dump beside river

## **CHAPTER 3: COMMUNITY SERVICE PART**

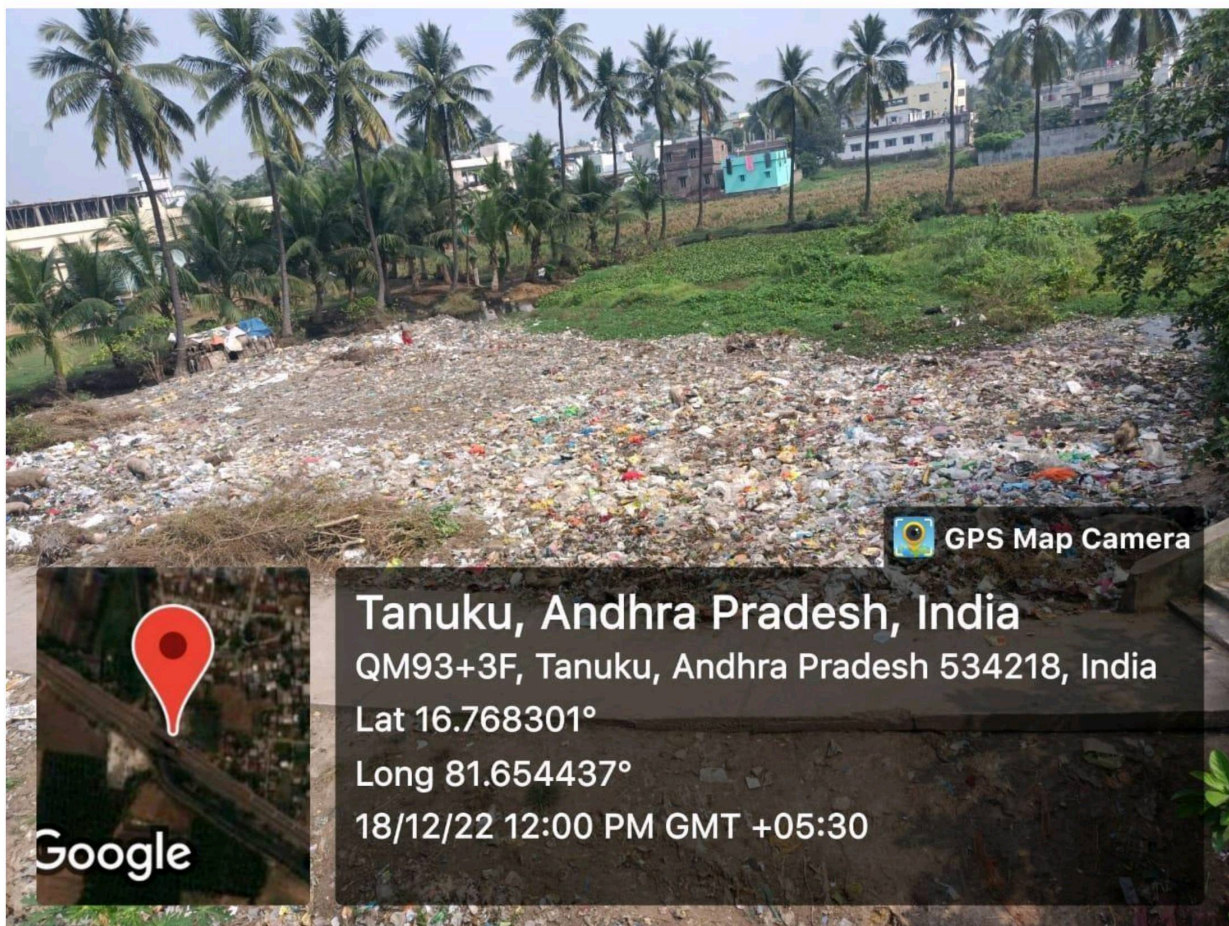
- We have formed into a team and we have divided our work. There we have learnt the unity and team strength.
- We also came to know that animals are facing a great danger with plastic
- Many aquatic plants and animals are facing problems because of plastics
- We created awareness on diseases caused by micro plastics.
- To create awareness we explained about harms due to plastic bags we donated cotton and jute bags.
- This whole community service project has given us a great experience and also we learned how to teach and how the people receive.
- Finally, we can say that we have got great memories by this project and we have built ourself great life skills, technical skills and also we built good moral values in ourselves.



## CHAPTER 4: Problems you have identified the community

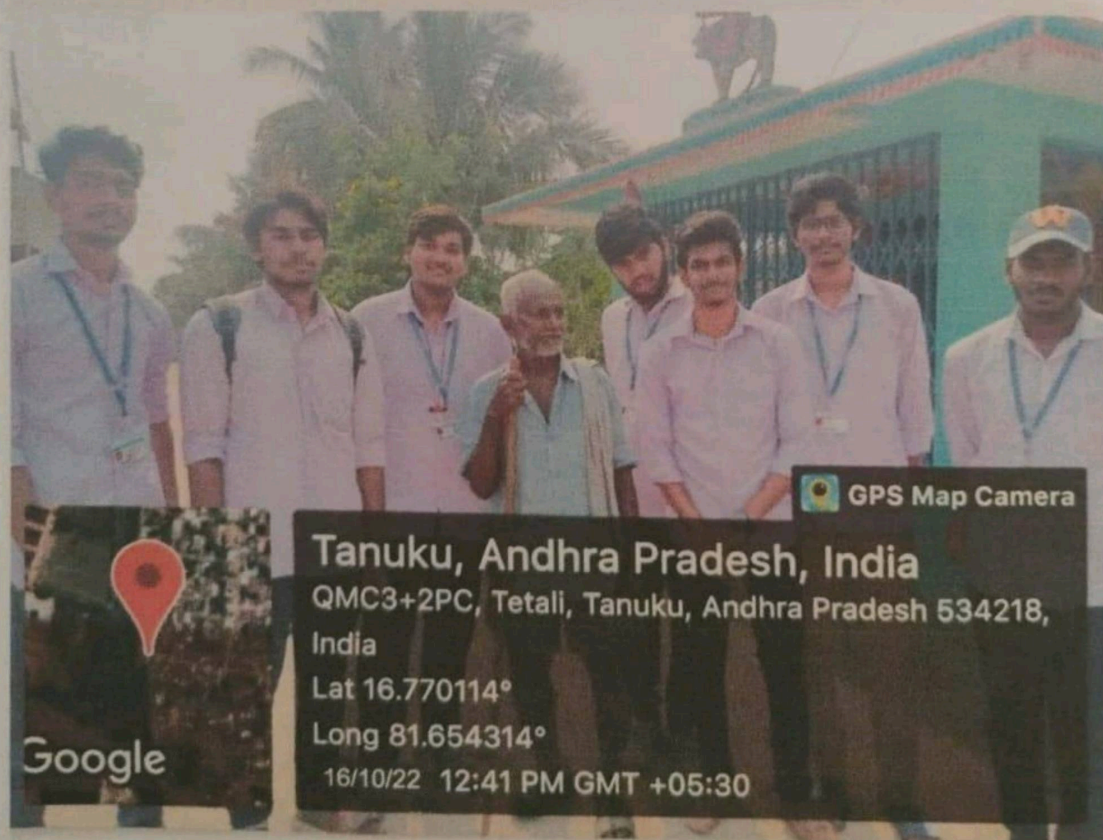
As part of our project we went to tetali and met village panchayat and said about our community service project. We interacted with the people. later we got to know about the people in detail.

In the conversation, they said that they are facing a problem related to burning of plastic which is located near to their houses.



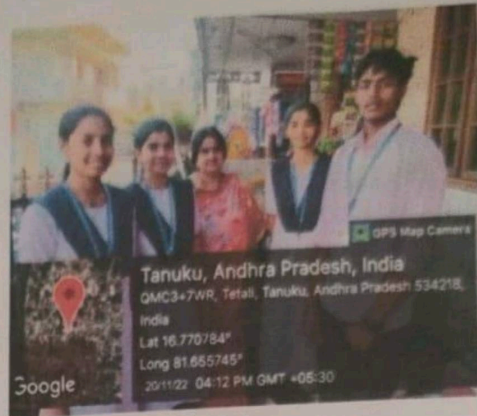
plastic dump in open area





Gathering responses from the local people





collecting information about the usage of plastic in day to day activities

## CHAPTER 5: OUTCOMES DESCRIPTION

### SRI VASAVI ENGINEERING COLLEGE

(AUTONOMOUS & NAAC A)

PEDATADEPALLI , TADEPALLIGUDEM 534-101.

#### COMMUNITY SERVICE PROJECT

**Name of the Project** - - - Awareness of Plastic Pollution

#### SURVEY FORM

District :

Panchayat :

Mandal :

Street/Location :

Village/City :

Date :

1. Name of Head of the family :
2. How many members in a family :
3. Name of the family member :
4. Age :
5. Gender :
6. Occupation :
7. Why do you prefer using plastic products

- They are cheap
- They are in light in weight
- They are durable
- Lack of alternative materials
- All of the above



8. Do you think we can recycle plastic? \_\_\_\_\_

9. Do you think plastic is a problem? \_\_\_\_\_

10. Using of the plastic is ? Good / Normal / bad

11. Your suggestions to reduce plastic?

a) \_\_\_\_\_

b) \_\_\_\_\_

13. Are you aware of those problems?

Yes / No

14. Which type of bags u preferred in shopping \_\_\_\_\_

15. Name plastic products do you use most...

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

16. Do you reuse plastic carry bags?

Yes  No

**17. Are you aware about Micro plastic and their impacts?**

Yes  No

18. Do you think plastic is decompose in soil. Yes/No

19. What is main reason for not switching to alternative for plastics?

\_\_\_\_\_

**Signature of the Household**

**Signature of the student**

SRI VASAVI ENGINEERING COLLEGE

(AUTONOMOUS & NAAC A)

PEDATADEPALLI, TADEPALLIGUDEM 534-101.

COMMUNITY SERVICE PROJECT

Name of the Project - - - Awareness of Plastic Pollution

SURVEY FORM

District : West Godavari

Panchayat : Tetali

Mandal : Tanuku

Street/Location : main road

Village/City : Tetali

Date : 18/10/22

1. Name of Head of the family : V. Ram Prasad.
2. How many members in a family : 3
3. Name of the family member : lakshmi
4. Age : 29
5. Gender : Male
6. Occupation : Workshop employee
7. Why do you prefer using plastic products

- They are cheap
- They are in light in weight
- They are durable
- Lack of alternative materials
- All of the above

8. Do you think we can recycle plastic? No

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good / Normal / bad  Good

11. Your suggestions to reduce plastic?

a) Using jute bags

b) Using Cotton bags

13. Are you aware of those problems?

Yes / No

14. Which type of bags u preferred in shopping Cotton Bags

15. Name plastic products do you use most...

a) Bottles

b) Covers

c) Buckets & Hugs

16. Do you reuse plastic carry bags?

Yes  No

17. Are you aware about Micro plastic and their impacts?

Yes  No

18. Do you think plastic is decompose in soil. Yes/No

19. What is main reason for not switching to alternative for plastics?

plastic is cheap

V. Signature  
Signature of the Household

S. Kiran  
Signature of the student



SRI VASAVI ENGINEERING COLLEGE  
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PEDATADEPALLI, TADEPALLIGUDEM 534-101.

COMMUNITY SERVICE PROJECT

Name of the Project - - - Awareness of Plastic Pollution

SURVEY FORM

District: west godavari

Panchayat: Tetali

Mandal: Tanuku

Street/Location: main road

Village/City: Tetali

Date: 18/10/22

1. Name of Head of the family: K. Gangadhar

2. How many members in a family: 4

3. Name of the family member: K. Gangadhar

4. Age: 30

5. Gender: male

6. Occupation: Daily waged

7. Why do you prefer using plastic products

They are cheap

They are in light in weight

They are durable

Lack of alternative materials

All of the above

8. Do you think we can recycle plastic? NO

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good /  Normal / bad

11. Your suggestions to reduce plastic?

a) use reusable bottles and cups

b) use tote and jute bags

13. Are you aware of those problems?

Yes /  No

14. Which type of bags u preferred in shopping plastic

15. Name plastic products do you use most...

a) plastic bags

b) food storing containers

c) plastic bottles

16. Do you reuse plastic carry bags?

Yes  No

17. Are you aware about Micro plastic and their impacts?

Yes  No

18. Do you think plastic is decompose in soil. Yes/ No

19. What is main reason for not switching to alternative for plastics?

every selling plastic bags

Kohli  
Signature of the Household

N. Uma Sai Durga  
Signature of the student



SRI VASAVI ENGINEERING COLLEGE  
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COMMUNITY SERVICE PROJECT

Name of the Project - - - Awareness of Plastic Pollution

SURVEY FORM

District: west godavari Panchayat: Tetali  
Mandal: Tanuku Street/Location: main road  
Village/City: Tetali Date: 18/10/22

1. Name of Head of the family: V. Venkateswar rao
2. How many members in a family: 7
3. Name of the family member: V. Venkateswar rao
4. Age: 57
5. Gender: male
6. Occupation: Poultry farm
7. Why do you prefer using plastic products

- They are cheap
- They are in light in weight
- They are durable
- Lack of alternative materials
- All of the above

8. Do you think we can recycle plastic? No

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good / Normal /  bad

11. Your suggestions to reduce plastic?

a) Replace plastic Tupperware for glass or steel containers

b) use jute bags in the place of plastic

13. Are you aware of those problems?  Yes /  No

14. which type of bags u preferred in shopping plastic

15. Name plastic products do you use most...

a) Water bottles

b) plastic pesticide bottles

c) Shampoo packets

16. Do you reuse, plastic carry bags?

Yes  No

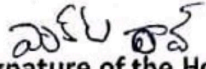
17. Are you aware about Micro plastic and their impacts?

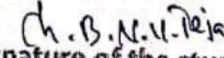
Yes  No

18. Do you think plastic is decompose in soil. Yes/ No

19. what is main reason for not switching to alternative for plastics?

plastic is more available

  
Signature of the Household

  
Signature of the student



SRI VASAVI ENGINEERING COLLEGE

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COMMUNITY SERVICE PROJECT

Name of the Project - - - Awareness of Plastic Pollution

SURVEY FORM

District : west godavari

Panchayat : Tetali

Mandal : Thanuku

Street/Location : main road

Village/City : Tetali

Date : 08/12/22

1. Name of Head of the family : Vevalli Yesu Siva

2. How many members in a family : 3

3. Name of the family member : vevalli seva

4. Age : 57

5. Gender : Male

6. Occupation : No

7. Why do you prefer using plastic products

They are cheap

They are in light in weight

They are durable

Lack of alternative materials

All of the above

8. Do you think we can recycle plastic? NO

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good / Normal / bad

11. Your suggestions to reduce plastic?

a) say no to plastic cutlery

b) Bring your own bottles and covers

13. Are you aware of those problems?

Yes / No

14. which type of bags u preferred in shopping plastic

15. Name plastic products do you use most...

a) bottle

b) carry bags

c) Tea cups

16. Do you reuse plastic carry bags?

Yes  No

17. Are you aware about Micro plastic and their impacts?

Yes  No

18. Do you think plastic is decompose in soil. Yes/No

19. what is main reason for not switching to alternative for plastics?

plastic cost is very low

y. Shina  
Signature of the Household

M.L.DA Swaya  
Signature of the student



SRI VASAVI ENGINEERING COLLEGE  
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COMMUNITY SERVICE PROJECT

Name of the Project - Awareness of Plastic Pollution

SURVEY FORM

District: west Godavari

Panchayat: Tatali

Mandal: Tanuku

Street/Location: main road

Village/City: Tatali

Date: 08/12/22

1. Name of Head of the family : K. Varalakshmi
2. How many members in a family : 6
3. Name of the family member : K. Varalakshmi
4. Age : 70
5. Gender : Female
6. Occupation : house wife
7. Why do you prefer using plastic products

They are cheap

They are in light in weight

They are durable

Lack of alternative materials

All of the above



8. Do you think we can recycle plastic? NO

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good / Normal / ~~bad~~

11. Your suggestions to reduce plastic?

a) Reuse plastic in house

b) Don't use plastic boxes for food storage

13. Are you aware of those problems?

Yes / No

14. Which type of bags u preferred in shopping plastic

15. Name plastic products do you use most...

a) shopping bags

b) soft drink bottles

c) toys

16. Do you reuse plastic carry bags?

Yes  No

17. Are you aware about Micro plastic and their impacts?

Yes  No

18. Do you think plastic is decompose in soil. Yes/No

19. What is main reason for not switching to alternative for plastics?

lack of alternative materials

K. E. S. ?  
Signature of the Household

N. Uma sai Durga  
Signature of the student



SRI VASAVI ENGINEERING COLLEGE  
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COMMUNITY SERVICE PROJECT

Name of the Project --- Awareness of Plastic Pollution

SURVEY FORM

District: west godavari Panchayat: Tatali  
Mandal: Tanuku Street/Location: main road  
Village/City: Tatali Date: 08/11/22

1. Name of Head of the family: Y. vara lakshmi;
2. How many members in a family: 2.
3. Name of the family member: y. vara lakshmi
4. Age: 52
5. Gender: female
6. Occupation: Tailor
7. Why do you prefer using plastic products

- They are cheap  
 They are in light in weight  
 They are durable  
 Lack of alternative materials  
 All of the above



8. Do you think we can recycle plastic? Yes

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good / Normal / bad

11. Your suggestions to reduce plastic?

a) say no to plastic shopping bags

b) Carry your own carry bags

13. Are you aware of those problems? Yes/No

14. which type of bags u preferred in shopping plastic

15. Name plastic products do you use most...

a) decoration covers

b) plastic cups and bottles

c) toys

16. Do you reuse plastic carry bags?

Yes  No

17. Are you aware about Micro plastic and their impacts?

Yes  No

18. Do you think plastic is decompose in soil. Yes/No

19. what is main reason for not switching to alternative for plastics?

less cost

Yashveer  
Signature of the Household

M. Abhishek  
Signature of the student



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COMMUNITY SERVICE PROJECT

Name of the Project - - - Awareness of Plastic Pollution

SURVEY FORM

District : west Godavari

Panchayat : Totali

Mandal : Thanuku

Street/Location : main road

Village/City : Totali

Date : 08/12/21

1. Name of Head of the family : Nagaraju M
2. How many members in a family : 4
3. Name of the family member : Bhanu M
4. Age : 26
5. Gender : male
6. Occupation : Teacher
7. Why do you prefer using plastic products

They are cheap

They are in light in weight

They are durable

Lack of alternative materials

All of the above



8. Do you think we can recycle plastic? Yes

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good / Normal /  Bad

11. Your suggestions to reduce plastic?

a) Don't use plastic bags

b) use glass or metal containers in the place of plastic

13. Are you aware of those problems?  Yes /  No

14. Which type of bags u preferred in shopping paper

15. Name plastic products do you use most...

a) plastic bottles

b) carry bags

c) plastic food packets

16. Do you reuse plastic carry bags?

Yes  No

17. Are you aware about Micro plastic and their impacts?

Yes  No

18. Do you think plastic is decompose in soil. Yes/No

19. What is main reason for not switching to alternative for plastics?

alternative materials very cost

N. S. S.  
Signature of the Household

K. Mahesh  
Signature of the student



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PEDATADEPALLI, TADEPALLIGUDEM 534-101.

COMMUNITY SERVICE PROJECT

Name of the Project - - - Awareness of Plastic Pollution

SURVEY FORM

District: West Godavari

Panchayat: Tetali

Mandal: Tanuku

Street/Location: main road

Village/City: Tetali

Date: 08/11/22

1. Name of Head of the family: Ramesh B
2. How many members in a family: 4
3. Name of the family member: Devi B
4. Age: 30
5. Gender: Female
6. Occupation: Tailoring
7. Why do you prefer using plastic products

- They are cheap
- They are in light in weight
- They are durable
- Lack of alternative materials
- All of the above



8. Do you think we can recycle plastic? Yes

9. Do you think plastic is a problem? Yes

10. Using of the plastic is? Good / Normal / bad

11. Your suggestions to reduce plastic?

a) use non-plastic reusable containers for food

b) re use the plastic covers and bottles.

13. Are you aware of those problems?

Yes / No

14. which type of bags u preferred in shopping plastic

15. Name plastic products do you use most...

a) plastic food storage

b) cloth covers

c) plastic carry bags

16. Do you reuse plastic carry bags?

Yes  No

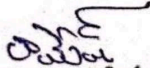
17. Are you aware about Micro plastic and their impacts?

Yes  No

18. Do you think plastic is decompose in soil. Yes/No

19. what is main reason for not switching to alternative for plastics?

They are cheap

  
Signature of the Household

K. Sanjay  
Signature of the student



## CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS

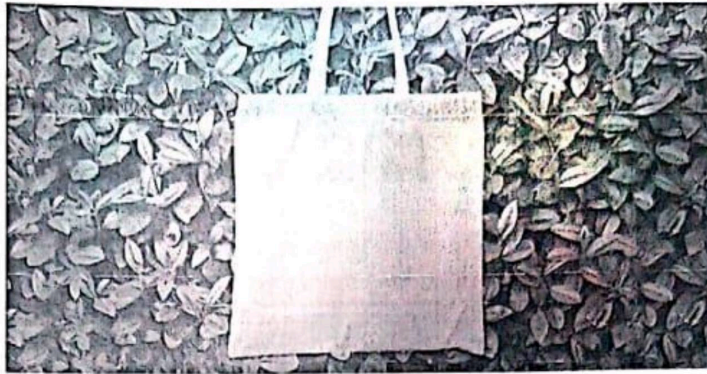
Plastic bags affect many people, not only the consumers but plastic bags also affects the environment and animals. We are affected by plastic bags because we all dispose of them incorrectly and because we are unaware of the consequences of using plastic bags. Research shows that "It takes 500-1,000 years for plastic to degrade" this means the plastic we use isn't really going away anytime soon. The amount of plastic bags we use is important because once we throw the plastic bags away they will just pile up and create pollution, which is harmful to the environment because how we dispose of the plastic bags isn't really going to help due to the amount of time it takes for them to decompose. Something important to know is that "50 percent of the plastic we use, we use just once and throw away" this should be taken into consideration because the plastic bags are just being used once then thrown away, this contributes to the pollution being created. This is how we are affected by the use of plastic bags.

The environmental effects of plastic bags are important because they not only affect the environment, but also affects humans. The environmental effects due to plastic bags are pollution, litter, loss of resource, and pacific trash vortex. Plastic bags are extremely harmful to the environment because we use them in massive quantities. This is important because plastic bags are used worldwide and are mostly used once then are thrown out and because of this we are just harming ourselves by continuing to use plastic bags.

Environmental and human costs are related because they both negatively impact us in many ways. "Over the last 10 years we have produced more plastic than during the whole of the last century." This piece of evidence is important because it has a couple of meanings. The first meaning is related to the environmental impact, we are using the resources which is being used for something that isn't necessary. What I mean by this is that we are using up oil to make these plastic bags which really isn't something we "need". The human impact is that we are polluting our environment because we dispose of the plastic bags incorrectly.

An alternative for plastic bags would be using reusable bags made of other fabrics instead of using plastic. Using reusable bags would reduce the effects of plastic bags because we would lower the amount of plastic being produced and disposed by simply using a reusable bag." Reusable bags are an alternative for plastic bags because they are environmentally friendly and can be used repeatedly to reduce waste." Something to keep in mind is that plastic bags are not only beneficial to the environment, but they also benefit us because we would be able to reuse them over and over again.

Cotton bags using instead of plastic



To make things better I would use an alternative for plastic bags, which in this case is using a reuseable bag. People would begin to use reusable bags as soon as possible because doing so we could be able to cut down on the negative impact created by plastic bags. Using reusable bags instead of plastic bags is something that should be done worldwide because the impact that plastic bags has would be reduced.



## WEEKLY REPORT

WEEK - 1 (From Dt. 3/10/22.. to Dt. 9/10/22...)

Objective of the Activity Done:

Selecting the village

Detailed Report:

We selected Tanuku town for our Survey. As our teammates visited the village and took permission in panchayathi for conducting survey. After selecting the village we observed the conditions and different localities of the village. We preferred the topic awarness on plastic for survey. Our motto is to decrease overusage of plastic and providing altermate in place of plastic in this village. We divided into two groups to make awarness on plastic. We observe the method they dumped plastic and their health issues. We planned to create more awarness of this issue and prepared some questions regarding survey. While we going to survey we explained question and took response from people. We gathered some pictures regarding this survey. At the end of week we collected information from people and panchayathi needed to our survey.



ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
17/10/22 Day - 1	We gathered the information about usage of plastic in their locality	Usage of plastic in their locality.	
18/10/22 Day - 2	We asked the people how they are using plastic items in day to day activity	Usage of plastic day to day.	
19/10/22 Day - 3	We gather the information from the people how the plastic is polluting the environment.	plastic pollution on environment.	
20/10/22 Day - 4	We asked the people, is plastic getting filled in their life.	Plastic ruin the people's life.	
21/10/22 Day - 5	Taking responses from the people on plastic.	Interaction with people.	
22/10/22 Day - 6	We asked the people for the alternative ways from the plastic.	Alternative ways.	

E. Anand

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
7/11/22 Day - 1	We gathered some alternatives from the internet source.	improved our research skills	
8/11/22 Day - 2	We filtered the sources which are available to the village people.	analyzing the sources	
9/11/22 Day - 3	We discussed how the alternative source are eco-friendly with the environment	learned more about environment	
10/11/22 Day - 4	We asked the people if they know about harms of plastic and if can recycle it.	acquired knowledge on what cause harm to nature.	
11/11/22 Day - 5	We discuss with the people instead if we can use any other materials instead of plastic.	help the people to know some ways to save nature	
12/11/22 Day - 6	We gifted some cotton and jute bags, which are eco-friendly to nature	Improved Donating skills	

E. Guadalupe



## WEEKLY REPORT

WEEK - 3 (From Dt..7/11/22.. to Dt..12/11/22.)

Objective of the Activity Done:

Providing solutions to the problems

Detailed Report:

Previously we observed the locality of the village and came to know more about the surrounding and problems of the villagers.

After analysing the problems in that village we gathered some alternative sources to plastic

from the internet. We filtered some of the sources which are available to the people in affordable prize. We discussed how these

alternate sources are eco-friendly to the nature. We surveyed many people and asked

if they know about the harms of plastic

and if we can recycle it. We visited some of the houses and asked if we have any other

materials that can be used instead of plastic.

We purchased some jute & cotton bags and distributed to some of the people by

explaining how they are eco-friendly to nature.



ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
21/11/22 Day - 1	Creating awareness on each and every aspect of plastic	Became more aware of your own strengths and areas for growth	
22/11/22 Day - 2	We explained simple techniques on replacement of plastics.	Undertook Challenges that develop new skills	
23/11/22 Day - 3	Clarified the doubts of village people regarding problems of plastic usage	Worked Collaboratively with others	
24/11/22 Day - 4	Explaining the people of the village to get a plastic free life style.	Discuss, evaluate and plan student initiated activities	
25/11/22 Day - 5	We helped the people to implement the techniques we took up	We learned how to implement our thoughts	
26/11/22 Day - 6	finally we concluded how plastic impact our daily lives.	We learned how to prepare report from summarised data.	

*Elana Kusi*

## WEEKLY REPORT

WEEK - 4 (From Dt. 21.11.22. to Dt. 26.11.22.)

Objective of the Activity Done:

We concluded the summarised chita.

Detailed Report:

Plastic is a non-biodegradable material which doesn't bury into the soil (or) water and its impact is worse when burned. It is harmful to people, animals as well as crops. Every year many animals, birds and sea creatures die due to plastic pollution.

We have been seeing how plastic pollution is increasing day by day. Due to its non-biodegradable nature, it is responsible for damage of the environment in many ways. In modern life using plastic became fashionable without considering its harmful effects.

Despite the efforts of some of the foundations and social media groups, people still use plastic as a part of their daily life. We can bring awareness of plastic pollution by discussing its effects on our Earth. The Government should strictly implement some rules and regulations to avoid plastic usage to save our land water and the nature for future generations.

Take Care... Plastic is Everywhere



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

Student Name: *B. Jaya Surya Tejaswini*  
 Registration No: *21A81AD406*  
 Period of CSP: From: *1/10/22* To: *30/11/22*  
 Date of Evaluation: *13-02-2023*  
 Name of the Person in-charge: *E. Kusuma Kumari*  
 Address with mobile number: *-*

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: *13-02-2023*

*E. Kusuma Kumari*  
 Signature of the Supervisor



## Student Self-Evaluation for the Community Service Project

Student Name: B. Jaya Surya Tejaswini

Registration No: 21A81A0406

Period of CSP: From: 1/10/22 To: 30/11/22

Date of Evaluation: 16-02-2023

Name of the Person in-charge:

Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: 16-02-2023

B.T.S. Tejaswini  
Signature of the Student



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

Student Name: *C. H. Bala Naga Venkata Teja*

Registration No: *21A31A0409*

Period of CSP: From *1/10/22* To: *30/1/23*

Date of Evaluation: *13-02-2023*

Name of the Person in-charge:  
Address with mobile number:

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: *13-02-2023*

*E. K. Anand*  
Signature of the Supervisor



## Student Self-Evaluation for the Community Service Project

Student Name: Ch. Bala Naga Venkata Teja

Registration No: 21A81A0409

Period of CSP: From: 11/10/22 To: 30/11/22

Date of Evaluation: 16-02-2023

Name of the Person in-charge:

Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: 16-02-2023

Ch. B. N. Venkata Teja  
Signature of the Student



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

Student Name: D. Jyothi Sai Varaha  
 Registration No: 21A81A0415  
 Period of CSP: From: 1/10/22 To: 30/11/22  
 Date of Evaluation: 13-02-2023  
 Name of the Person in-charge:  
 Address with mobile number:

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: 13-02-2023

E. Kumar Arora  
Signature of the Supervisor



## Student Self-Evaluation for the Community Service Project

Student Name: D. Jyothi Sai Vanaja  
Registration No: 21A81A0415  
Period of CSP: From: 1/10/22 To: 30/11/22  
Date of Evaluation: 16-02-2023  
Name of the Person in-charge:  
Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: 16-02-2023

D. Jyothi Sai Vanaja  
Signature of the Student



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

Student Name: K.H.S. Rajeswar

Registration No: 21A91A0421

Period of CSP: From: 1/10/22 To: 30/11/22

Date of Evaluation: 13/02/2023

Name of the Person in-charge:  
Address with mobile number:

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: 13-02-2023

E. Kumar Arav  
Signature of the Supervisor



## Student Self-Evaluation for the Community Service Project

Student Name: K. Hanumanth Sai Rajeswar

Registration No: 21A81A0421

Period of CSP: From: 1/10/22 To: 30/11/22

Date of Evaluation: 16-02-2023

Name of the Person in-charge:

Address with mobile number:

Please rate your performance in the following areas:

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: 16-02-2023

K.H.S. Rajeswar  
Signature of the Student



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

Student Name: *Kasa. Maheshchandra*

Registration No: *21A81A0424*

Period of CSP: From: *1/10/22* To: *30/11/22*

Date of Evaluation: *13-02-2023*

Name of the Person in-charge:

Address with mobile number:

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: *13-02-2023*

*E. K. Anand*  
Signature of the Supervisor



## Student Self-Evaluation for the Community Service Project

Student Name: Kasa. Maheshchandra

Registration No: 21A81A0424

Period of CSP: From: 1/10/22 To: 30/11/22

Date of Evaluation: 16-02-2023

Name of the Person in-charge:  
Address with mobile number:

**Please rate your performance in the following areas:**

**Rating Scale:** 1 is lowest and 5 is highest rank

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

Date: 16-02-2023

K. Mahesh  
Signature of the Student



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

Student Name: Mr. Prahalad Sanjay  
 Registration No: 21A81A0430  
 Period of CSP: From: 1/10/22 To: 30/11/22  
 Date of Evaluation: 13-02-2023  
 Name of the Person in-charge:  
 Address with mobile number:

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

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

Rating Scale: 1 is lowest and 5 is highest rank

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

Date: 13-02-2023

E. Kunal A...  
Signature of the Supervisor



### Student Self-Evaluation for the Community Service Project

Student Name: K. Prahalad Sanjay
Registration No: 21A81A0430
Period of CSP: From: 1/10/22 To: 30/11/22
Date of Evaluation: 16-02-2023
Name of the Person in-charge:
Address with mobile number:

Please rate your performance in the following areas:

**Rating Scale:** 1 is lowest and 5 is highest rank

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

Date: 16-02-2023

K. P. Sanjay  
Signature of the Student



## LONG & SHORT TERM SOLUTIONS

### •Converting to Fuel

->We can convert unrecyclable plastic into oil melting plastic and convert it into liquid fuel.

->Through a process similar to a commercial-sized pressure-cooker, it reduces plastic to its component parts, producing a range of materials including oils, waxes.

### •Get Used to Not Using Disposable Plastics

->Most of the people these days are using a lot of disposable plastics for water and snack packaging etc. We can reduce most of the plastic use by using the changed versions

### •Avoid Using Bottled Water

->Many who stay outdoors throughout the day keep themselves hydrated using plastic water bottles which are thrown after one use.

For that reason, you are encouraged to carry a reusable bottle with you.

### •Collection of Plastic

->Plastics should not be thrown everywhere. Special containers should be arranged to throw this waste.

->Government should start some plastic recycling centres.

### Reuse of Plastic Waste

->Plastics are not only to be recycled but also to be reused. Companies should switch to reusable packaging that can be returned and reused.

### •Converting to roads

-> It has been proven successful as plastic is more durable than asphalt and requires less heavy equipment and time to install.

->They are made from municipal waste with the smallest possible negative impact on our planet and natural resources.

### ● Bioplastics

Bioplastics are plastic materials made up of plants, typically cornstarch and bamboo fibres, instead of oil and other natural materials. They carry similar properties and sturdiness to traditional plastics, many of which are recyclable and biodegradable in industrial landfills, and tend to have a lower environmental impact as the plants used do not require pesticides or chemicals to grow. Converting to bioplastics would also mean a reduction in fossil fuels – [8% of the world's oil](#) is used to make plastic.

### Enzymatic Recycling

Recycling plastic has long been the main solution for plastic pollution, yet only 10% of the world's plastics are recycled. The lack of large-scale infrastructures and convenient access to recycling bins or facilities can be attributed to people not recycling regularly. Recycling plants are also limited in their ability to

break down all plastics, including cling film, plastic-coated wrapping paper and polycarbonate, all of which are widely used every day around the world. Conventional recycling also doesn't fully degrade the plastics into its monomers (the "building blocks" of plastic), which tend to produce lower-quality plastics the second time round.

However, scientists have started developing enzymes and plastic-eating bacteria as a method of breaking down plastics, and paving the way for greater recycling efforts. In 2016, a [study](#) from the Kyoto Institute of Technology discovered that the bacteria *Ideonella sakaiensis* can break down PET plastics – the world's most common plastic – using the enzyme PET hydrolase and MHETase, which has the ability to degrade PET into its inert monomers. This means higher-quality recycled plastics.

## Green Tech and Plastic Roads

Another solution for plastic pollution is to utilise plastic waste in the form of [green technology](#). Plastic roads have been gaining traction where roadways are paved using entirely of or mixed with used plastics, which can then support even the heaviest of vehicle transportation.



construction of roads by using plastic waste





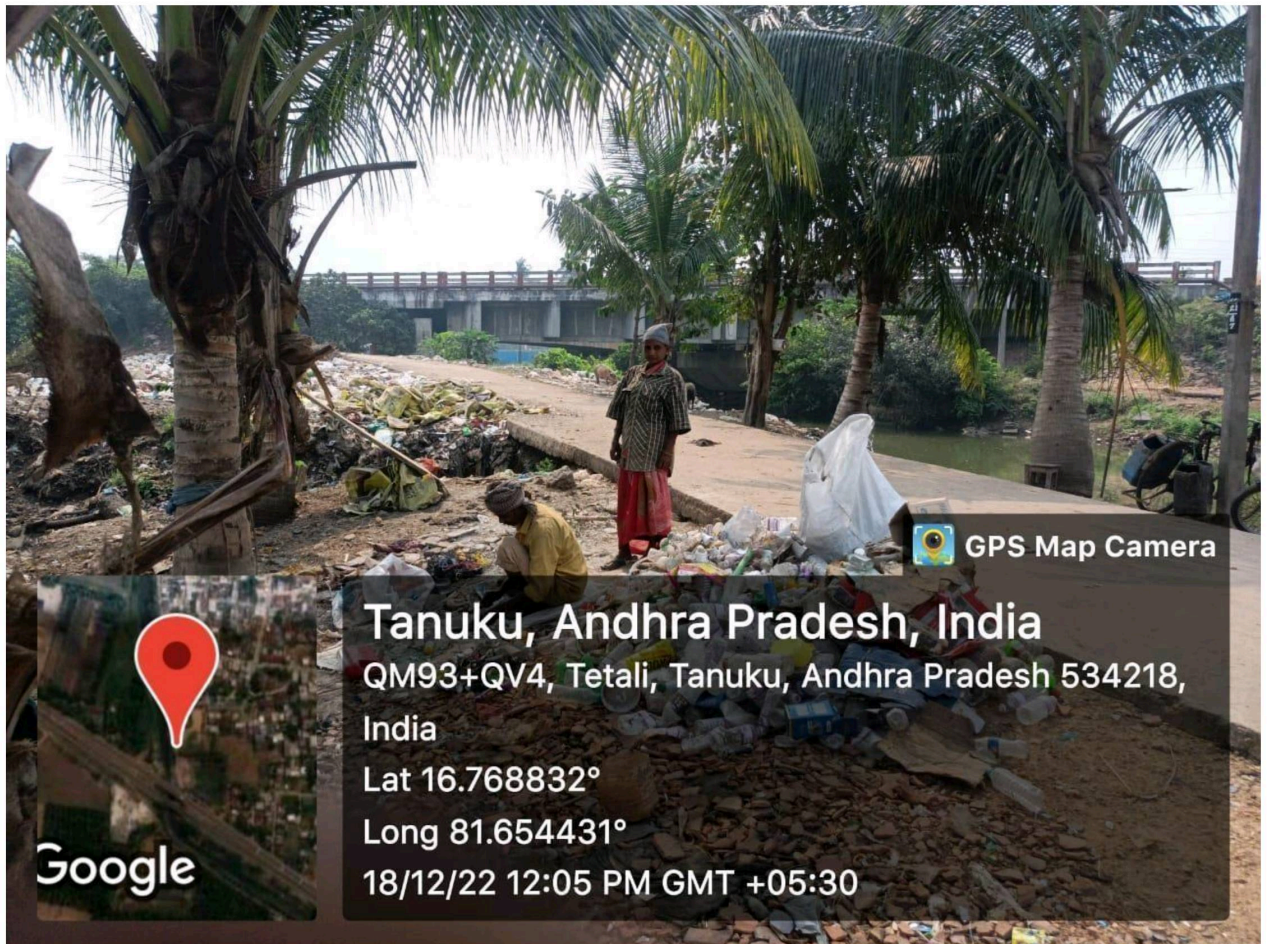
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Plastic dump near houses



**Tanuku, Andhra Pradesh, India**  
QM93+QV4, Tetali, Tanuku, Andhra Pradesh 534218, India  
Lat 16.769446°  
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sanitation workers collecting useful waste



creating awareness on usage of plastic





collecting responses from the village people







GPS Map Camera

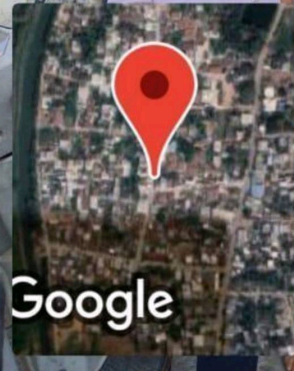
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GPS Map Camera

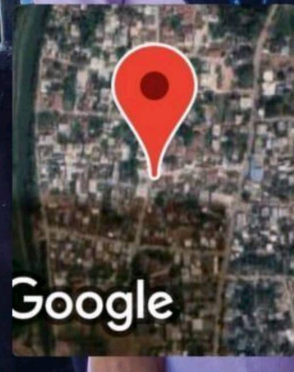
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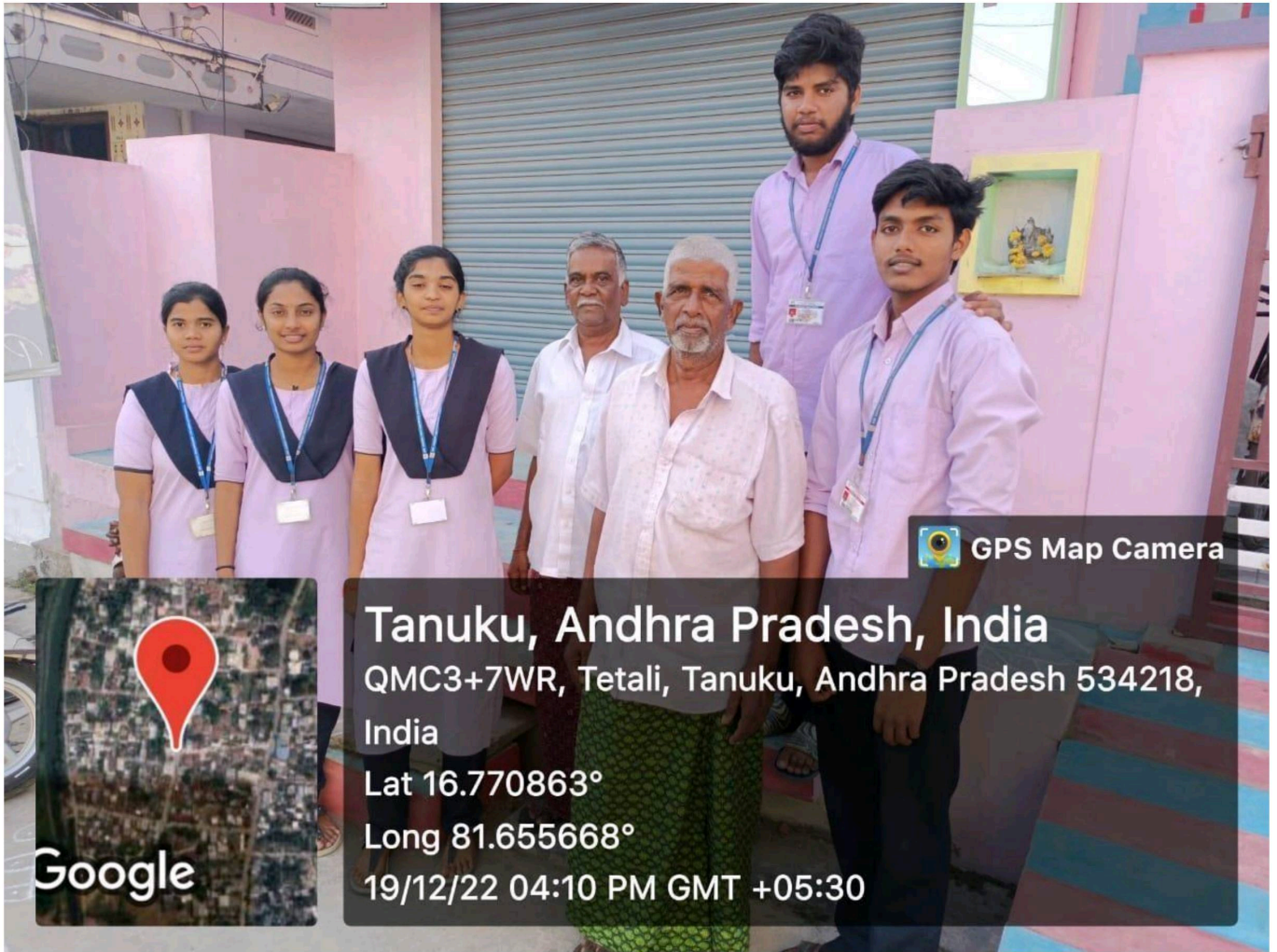
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Bringing awareness on plastic pollution





Spreading disadvantages by using plastic