

Project Report

on

**Community Internship**

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**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**

**(NAAC A+ and NBA Accredited)**

(Accredited by NBA & NAAC A+)

GUDUR, TIRUPATHI (DT), A.P, INDIA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**PLANTATION IN THE AREA OF ANUMASAMUDRAM, NELLORE (DT)**

**A Project work Report submitted to the Jawaharlal Nehru Technological**

**University in a Partial fulfilment for the award of the degree.**

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE & ENGINEERING**

**Submitted by**

**RAJA GOKULAKRISHNAN**

**Under the esteemed supervision of**

**Mrs. G.SWATHI**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**AUDISANKARA COLLEGE OF ENGINEERING &TECHNOLOGY**

**(AUTONOMOUS)**

**(Accredited by NBA &NAAC A+)**

Approved by AICTE, Affiliated to JNTUA Anantapuramu,

Tirupathi (DT), Andhra Pradesh.

**(2021-2023)**

**(Accredited by NBA &NAAC A+)**

Approved by AICTE, Affiliated to JNTUA Anantapuramu,

NH-5 Bypass Road, Gudur – 524101, Tirupathi (DT), Andhra Pradesh.

**Department of Computer Science and Engineering**

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CERTIFICATE

This is to certify that the Community Internship Project entitled **BAN PLASTICS** is the bonafide work done by **RAJA GOKULAKRISHNAN** in a partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING,** from the Jawaharlal Nehru Technological University Anantapuramu, during the year of 2021-2025

Supervisor Head of the Department Dean Academics

Mrs.G.Swathi Mr.K.kiran Dr.M.Rajaiah,phd

Assoc Professor ACSET,GUDUR.

Department of CSE, Department of CSE,

ACSET, GUDUR. ACSET, GUDUR.

Submitted for the viva-voce examination held on:

Internal Examiner External Examiner

**(Accredited by NBA &NAAC A+)**

Approved by AICTE, Affiliated to JNTUA Anantapuramu,

NH-5 Bypass Road, Gudur – 524101, Tirupathi (DT), Andhra Pradesh.

**Department of Computer Science and Engineering**

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DECLARATION

I **RAJA GOKULAKRISHNAN** hereby declare that the Community Project report entitled- **BAN PLASTICS**  done under the esteemed guidance of **Mrs.G.Swathi Assoc Professor** Department of Computer Science & Engineering and is submitted in the partial fulfillment of the requirements for the award of the Bachelor Degree in **Computer Science and Engineering.** I have not copied from any other student work or from any other sources except where due reference or acknowledgement is made explicitly, not has any part been authored person. I, as a candidate, declare that in the case of any violation of intellectual property right or copyright will be fully responsible for the same. My supervisor should not be held responsible for full or partial violation of copyright or intellectual property right.

Date: 17-09-2023 to 30-09-2023

Place: GUDUR

**PROJECT ASSOCIATE**

**RAJA GOKULAKRISHNAN**

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**Community Internship Report**

**Name of the Student:** RAJA GOKULAKRISHNAN

**Name of the College: AUDISANKARA INSTITUTE OF TECHNOLOGY**

**Registration Number: 212H1A3055**

**Period of CSI: 2 Weeks**

**From**: 17-09-2023 **To: 30-09-2023**

**Name & Address of the Community/Habitation:** GUDUR

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**Community Internship Report**

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

**Name Of the College:** AUDISANKARA INSTITUTE OF TECHNOLOGY

**Department**: ARTIFICIAL INTELLIGENCE & DATA SCIENCE

**Name of the Faculty Guide:** Mrs.G.Swathi

**Duration of the CSI:** 2 Weeks

**From** : 17-09-2023  **To** : 30-09-2023

**Name of the Student:** RAJA GOKULAKRISHNAN

**Programme of Study:** BAN PLASTICS FROM SOCIETY

**Year of Study:** 3rd Year

**Register Number:** 212H1A3055

**Date of Submission:**

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# Student’s Declaration

I, **RAJA GOKULAKRISHNAN** a student of **Community Service Internship Program**, Reg.No 212H1A3055 of Department of **CSE**, Audisankara College of Engineering & Technology do hereby declare that I have completed the mandatory Community Service **from 17-09-2023 to 30-09-2023** in Gudur, Nellore palem, Atmakur, Tirupati D.T under the **Faculty Guideship of Mrs.G.Swathi**, Assoc Professor Department of **CSE** in Audisankara College of engineering & Technology

(Signature and Date)

# Endorsements

**Faculty Guide** **HOD** **Dean Academics**  Mrs.G.Swathi Mr. K Kiran MTech Mr.Dr.M. Rajaiah Ph.D. Assoc Professor Assoc Professor

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# Certificate from Official of the Community

This is to certify that **RAJA GOKULAKRISHNAN** Reg. No 212H1A3055 of **Audisankara college of Engineering & Technology** underwent community service in GUDUR **from 17-09-2023 to 30-09-2023**

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

Authorized Signatory with Date and Seal

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**ACKNOWLEDGEMENTS**

First and foremost, I would like to express my heartful gratitude to our honorable chairman **Dr. VANKI PENCHALAIAH, M.A., M.L., Ph.D.,** who provided all facilities and necessary encouragement during the course of study.

I would like to thank **AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY** for providing the extraordinary support in the completion of the project by utilizing the laboratories, library and Software’s required for our project.

I extend my gratitude and sincere thanks to our beloved Director Prof. **Dr. A. MOHAN BABU,** Dean AcademicsProf. **Dr. M. RAJAIAH, Ph.D.,** and Principal Prof. **Dr.K. DHANUNJAYA, Ph.D.,** for motivating and providing necessary infrastructure and permitting me to completion of the project.

I would like to express the sense of gratitude towards our Head of the Department Prof. **Mr. K KIRAN MTech.,** and our external guide **Mrs.G.SWATHI Assoc Professor** for their valuable inputs, able guidance, encouragement, whole-hearted cooperation and constructive criticism throughout the duration of our project.

Last, but not the least, I would like to thank **my team members, my friends and my parents** for supporting me in all the aspects for the completion of this project.

**Project Associates:**

RAJA GOKULAKRISHNAN

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**CHAPTER 1: EXECUTIVE SUMMARY**

Plastic, once hailed as a revolutionary material for its versatility and convenience, has become an environmental menace of unprecedented proportions. The pervasive use of plastic in our daily lives has led to severe ecological consequences, from polluting oceans and harming wildlife to contributing to climate change. As we confront the escalating environmental crisis, the call to ban plastic has gained momentum as a vital step towards a more sustainable and responsible future.

Plastic pollution has reached alarming levels, with an estimated 8 million metric tons of plastic entering our oceans annually, endangering marine life and disrupting ecosystems. Single-use plastics, such as bags, bottles, and packaging, have become symbols of a throwaway culture that prioritizes convenience over environmental responsibility. The persistence of plastic in the environment, taking hundreds of years to decompose, exacerbates its impact and underscores the urgency of addressing the issue.

The detrimental effects of plastic extend beyond visible pollution. Microplastics, tiny particles resulting from the breakdown of larger plastic items, infiltrate water sources, soil, and even the air we breathe, posing potential risks to human health. As we grapple with the consequences of plastic pollution, it becomes increasingly evident that comprehensive action is necessary to curb the production and consumption of this ubiquitous material.

Banning plastic is not merely a symbolic gesture but a pragmatic solution to mitigate the environmental crisis. It requires a paradigm shift in how we approach consumption, packaging, and waste management. Governments, industries, and individuals must collaborate to develop and implement alternative materials and sustainable practices that reduce our dependence on plastic. The transition to a plastic-free world demands innovation, awareness, and a commitment to redefining our relationship with the environment.

This essay explores the multifaceted reasons behind the imperative to ban plastic, examining the environmental, economic, and social dimensions of the issue. By delving into the consequences of plastic pollution and the potential benefits of embracing alternatives, we aim to shed light on the urgency of this global challenge and inspire collective action towards a more sustainable and harmonious coexistence with our planet.

**CHAPTER 2: OVERVIEW OF THE COMMUNITY**

Implementing a ban on plastics in the community represents a pivotal step towards environmental sustainability and public well-being. By curbing the use of plastics, the community aims to mitigate the detrimental impact of these non-biodegradable materials on ecosystems, wildlife, and human health. Such a measure reflects a collective commitment to reducing carbon footprints, minimizing pollution, and fostering a cleaner, more resilient environment. Beyond environmental considerations, banning plastics fosters a sense of responsibility and consciousness among community members, encouraging the adoption of eco-friendly alternatives and sustainable practices. This comprehensive approach not only addresses the immediate ecological concerns posed by plastic waste but also cultivates a culture of environmental stewardship, ultimately contributing to the long-term resilience and vitality of the community.

In addition to its environmental and health benefits, the ban on plastics in the community holds profound economic implications. As the community transitions away from disposable plastics, it creates opportunities for the growth of local industries focused on producing sustainable alternatives. This shift can stimulate innovation and job creation within the community, promoting economic resilience and reducing dependence on environmentally harmful practices. Furthermore, the ban serves as a platform for education and awareness, empowering community members to make informed choices about their consumption habits. Public campaigns and educational programs can highlight the broader consequences of plastic usage, inspiring a sense of shared responsibility and a commitment to sustainable living. By banning plastics, the community not only takes a critical step in preserving its immediate surroundings but also contributes to a global movement towards a more sustainable and harmonious coexistence with the planet. This multi-faceted approach positions the community as a leader in environmental stewardship, setting an inspiring example for neighboring regions and fostering a collective sense of pride in contributing to the greater good.

**CHAPTER 3: COMMUNITY SERVICE PART**

Arranged awareness program to the childrens studying in schools and colleges. Arranged awareness program to the people living in the society.

Conducted survey in the village to know the rate of air pollution, water pollution take place in that village. Produced attentiveness in the people in the aspect to overcome these pollution.

Explained about the causes taking place during while using plastics to the people who are ready to avoid or overcome these pollutions.

Plastics causes air, water pollutions be wary of deals that seems too bad to be true on air, water pollution

Better to avoid the usage of plastics in the society to make a better world like air, water a good pollution.

To stay informed and protect yourself from the plastics to avoid ai,water pollutions.

Educate yourself: Totally avoid yourself by using plastics and tell to others like friends, family, relatives etc.. to avoid plastics.

Social: Better to take a habit of avoid using plastics in the society. It’s the only one habit to make a better world and improve the nature.

Community Awarness and Responsibility:| Implementing a ban on plastics raises awareness about the environmental impact of single-use plastics. It encourages individuals and communities to adopt more sustainable practices, fostering a sense of responsibility towards the planet.

Environmental Impact: The ban on plastics is a crucial step towards reducing the environmental damage caused by plastic pollution. Plastics take hundreds of years to decompose, leading to long-lasting harm to ecosystems

**ACTIVITY LOG FOR THE FIRST WEEK**

|  |  |  |  |
| --- | --- | --- | --- |
| **Day**  **& Date** | **B Brief Description of the Daily Activity** | **Learning Outcome** | **Person In-charge Signature** |
| **Day –1** | Make a plan to provide awareness regarding plastic pollution. | To Ban plastic |  |
| **Day - 2** | Noted down the placed to be visited during the program | To identify the places where the plastics using high amount. |  |
| **Day –3** | Planned for the information that has to be given during the program. | Critical thinking |  |
| **Day –4** | Select some places to tech causes of plastics | To widely distribute the knowledge |  |
| **Day –5** | Express how pollutuion could be done by plastics. | Giving suggestions and ideas |  |
| **Day –6** | Interacted with the people in the villages and explained the way to how to avoid using plastics. | To develop confidence |  |

**WEEKLY REPORT**

**Week – 1 (From 17-09-2023 to Dt 23-09-2023)**

|  |
| --- |
| **Objective of the Activity Done:** **CREATED AWARENESS PROGRAM IN THE GUDUR.** |
| **Detailed Report:** Plastics have become an integral part of our daily lives, but their widespread use has led to a myriad of environmental problems. From production to disposal, plastics pose significant challenges that impact ecosystems, wildlife, human health, and the overall well-being of the planet. Here's a detailed exploration of the problems associated with plastics:   1. **Excessive Production:**    * **Issue:** The mass production of plastics, especially single-use items, contributes to environmental degradation.    * **Impact:** The sheer volume of plastic production exacerbates resource depletion, energy consumption, and greenhouse gas emissions. 2. **Single-Use Plastics:**    * **Issue:** Items like plastic bags, straws, and packaging are used once and discarded, leading to an enormous accumulation of waste.    * **Impact:** Single-use plastics are a major contributor to pollution, clogging waterways, and posing threats to wildlife that ingest or get entangled in them. 3. **Non-Biodegradability:**    * **Issue:** Most plastics are non-biodegradable, taking hundreds of years to decompose.    * **Impact:** Accumulation of plastic waste in landfills and natural environments, causing long-term environmental harm. 4. **Microplastics:**    * **Issue:** Breakdown of larger plastics into tiny particles known as microplastics, often invisible to the naked eye.    * **Impact:** Microplastics contaminate soil, water, and even enter the food chain, posing risks to human health and ecosystem stability. 5. **Ocean Pollution:**    * **Issue:** Improper disposal and plastic runoff result in vast amounts of plastic ending up in oceans.    * **Impact:** Marine life is adversely affected as animals ingest or get entangled in plastic debris, disrupting ecosystems and harming biodiversity. 6. **Toxic Chemicals:**    * **Issue:** Plastics can leach toxic chemicals, especially when exposed to heat or sunlight.    * **Impact:** Contamination of soil and water sources, posing health risks to both humans and wildlife. 7. **Endocrine Disruption:**    * **Issue:** Some plastics contain endocrine-disrupting chemicals that can interfere with hormonal systems.    * **Impact:** Potential health risks such as reproductive issues, developmental problems, and increased susceptibility to diseases. 8. **Resource Depletion:**    * **Issue:** The production of plastics relies heavily on fossil fuels and natural resources.    * **Impact:** Depletion of non-renewable resources, increased carbon footprint, and environmental degradation associated with extraction processes. |

**ACTIVITY LOG FOR THE SECOND WEEK**

|  |  |  |  |
| --- | --- | --- | --- |
| **Day**  **& Date** | **Brief Description of the Daily Activity** | **Learning Outcome** | **Person In-charge Signature** |
| **Day –1** | We visited near by homes, Gudur and clarified their ambiguity regarding their doubts in pollution by using plastics | To develop self confidence |  |
| **Day - 2** | We visited the village which is residing near by our home, and gave awareness regarding the plastics causes pollution | Clearance about the pollution |  |
| **Day –3** | We visited a government high school and explained them causes plastic | Civic leadership |  |
| **Day –4** | We created some awareness program to avoid plastics | To spread the awarness |  |
| **Day –5** | We visited a society and guided people how to overcome, when we victim the plastics | Warrants awarness of the shopkeppers |  |
| **Day –6** | In the last day we visited a public areas like parks, malls where people are very much interested to control these using plastics | To create a well being nature |  |

**WEEKLY REPORT**

**WEEK – 2 (From Dt 23-09-2023 to Dt 30-09-2023)**

|  |
| --- |
| **Objective of the Activity Done:** |
| 1. **Detailed Report: Global Impact:**  * **Issue:** Plastics are a global problem, with waste crossing borders and affecting even remote ecosystems. * **Impact:** International collaboration is essential to address the transboundary nature of plastic pollution and implement effective solutions.   In summary, the pervasive use of plastics has given rise to a multitude of interconnected problems, necessitating urgent and comprehensive strategies to reduce, reuse, and recycle plastics while promoting sustainable alternatives.   1. **Wildlife Protection:** A ban on plastics helps protect wildlife, as many animals often mistake plastic for food or get entangled in plastic waste, leading to injuries and fatalities. Removing plastics from the environment safeguards the well-being of diverse species. 2. **Health Benefits:** Plastics, when exposed to the environment, can release harmful chemicals that may contaminate water sources and soil. Banning plastics contributes to healthier ecosystems and reduces the risk of these pollutants entering the food chain. 3. **Promotion of Sustainable Alternatives:** Prohibiting plastics encourages the development and use of sustainable alternatives, such as biodegradable materials and eco-friendly packaging. This fosters innovation and supports industries that prioritize environmental responsibility. 4. **Ocean Conservation:** Plastics pose a significant threat to marine life, with vast amounts of plastic waste accumulating in oceans. Banning plastics helps mitigate this problem, preserving marine ecosystems and maintaining the balance of aquatic environments. 5. **Reduced Landfill Usage:** The ban on plastics leads to a reduction in the amount of non-biodegradable waste in landfills. This, in turn, extends the lifespan of landfills and minimizes the need for additional space for waste disposal. 6. **Community Awareness and Responsibility:** Implementing a ban on plastics raises awareness about the environmental impact of single-use plastics. It encourages individuals and communities to adopt more sustainable practices, fostering a sense of responsibility towards the planet. 7. **Global Leadership in Environmental Conservation:** Enforcing a ban on plastics positions a country as a leader in environmental conservation efforts. This not only sets a positive example for other nations but also contributes to a global movement towards a more sustainable and eco-friendly future. 8. **Waste Management Challenges:**    * **Issue:** Inadequate waste management infrastructure for plastic disposal and recycling.    * **Impact:** Piles of plastic waste in landfills, incineration contributing to air pollution, and insufficient recycling leading to resource wastage. 9. **Long-Term Economic Benefits:** While there may be initial challenges in transitioning away from plastics, the long-term economic benefits include reduced environmental cleanup costs, improved public health, and the development of a green economy centered around sustainable practices. 10. **Preservation of Aesthetics:** Banning plastics enhances the visual appeal of landscapes, urban areas, and natural surroundings. Eliminating plastic waste contributes to cleaner, more attractive environments that people can enjoy without the eyesore of discarded plastic. |

**CHAPTER 5: Outcomes Description**

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

|  |
| --- |
| Plastic, once hailed as a revolutionary material for its versatility and convenience, has become an environmental menace of unprecedented proportions. The pervasive use of plastic in our daily lives has led to severe ecological consequences, from polluting oceans and harming wildlife to contributing to climate change. As we confront the escalating environmental crisis, the call to ban plastic has gained momentum as a vital step towards a more sustainable and responsible future.  Plastic pollution has reached alarming levels, with an estimated 8 million metric tons of plastic entering our oceans annually, endangering marine life and disrupting ecosystems. Single-use plastics, such as bags, bottles, and packaging, have become symbols of a throwaway culture that prioritizes convenience over environmental responsibility. The persistence of plastic in the environment, taking hundreds of years to decompose, exacerbates its impact and underscores the urgency of addressing the issue.  The detrimental effects of plastic extend beyond visible pollution. Microplastics, tiny particles resulting from the breakdown of larger plastic items, infiltrate water sources, soil, and even the air we breathe, posing potential risks to human health. As we grapple with the consequences of plastic pollution, it becomes increasingly evident that comprehensive action is necessary to curb the production and consumption of this ubiquitous material.  Banning plastic is not merely a symbolic gesture but a pragmatic solution to mitigate the environmental crisis. It requires a paradigm shift in how we approach consumption, packaging, and waste management. Governments, industries, and individuals must collaborate to develop and implement alternative materials and sustainable practices that reduce our dependence on plastic. The transition to a plastic-free world demands innovation, awareness, and a commitment to redefining our relationship with the environment.  This essay explores the multifaceted reasons behind the imperative to ban plastic, examining the environmental, economic, and social dimensions of the issue. By delving into the consequences of plastic pollution and the potential benefits of embracing alternatives, we aim to shed light on the urgency of this global challenge and inspire collective action towards a more sustainable and harmonious coexistence with our planet.  **Describe the problems you have identified in the community** |

1. **Excessive Plastic Pollution:**
   * **Problem:** Widespread use of single-use plastics leading to littering and pollution in public spaces, water bodies, and surrounding areas.
   * **Solution:** Implement and promote a comprehensive waste management system, including recycling facilities and community awareness programs. Encourage the use of reusable alternatives and provide incentives for reducing single-use plastic consumption.
2. **Environmental Degradation:**
   * **Problem:** Plastic waste contributes to environmental degradation, affecting soil quality, water sources, and wildlife habitats.
   * **Solution:** Conduct regular clean-up drives, involve the community in tree planting initiatives, and promote the proper disposal of plastic waste through recycling programs. Educate residents on the environmental impact of plastics to foster a sense of responsibility.
3. **Health Risks from Improper Disposal:**
   * **Problem:** Improper disposal of plastic waste, such as burning, releases harmful pollutants and toxins into the air, posing health risks to residents.
   * **Solution:** Implement strict regulations against open burning of plastic waste. Establish designated disposal areas or facilities for plastic waste, ensuring proper handling and disposal methods. Raise awareness about the health hazards associated with improper disposal.
4. **Limited Recycling Infrastructure:**
   * **Problem:** Inadequate recycling facilities and infrastructure contribute to low recycling rates, leading to increased accumulation of plastic waste.
   * **Solution:** Advocate for improved recycling infrastructure in collaboration with local authorities and NGOs. Establish collection points for recyclable materials and educate the community on the importance of segregating waste at the source. Explore partnerships with recycling companies to incentivize proper waste disposal.
5. **Lack of Community Engagement:**
   * **Problem:** Limited community awareness and engagement regarding the environmental impact of plastic usage.
   * **Solution:** Organize awareness campaigns, workshops, and seminars on the consequences of plastic pollution. Involve schools, local leaders, and community organizations in educational programs. Foster a sense of responsibility and community pride in maintaining a clean and sustainable environment.
6. **Economic Burden of Waste Management:**
   * **Problem:** The community bears economic costs associated with the collection and disposal of plastic waste.
   * **Solution:** Explore sustainable waste management models, such as community-based initiatives or partnerships with local businesses. Implement waste reduction strategies, such as promoting bulk purchases to minimize packaging. Consider economic incentives for individuals or businesses adopting eco-friendly practices.

By addressing these identified problems through community-driven initiatives, regulatory measures, and educational programs, the community can work towards minimizing the negative impacts of plastic usage and fostering a more sustainable and environmentally conscious lifestyle. Collaboration among residents, local authorities, and relevant stakeholders is essential for the successful implementation of these solutions.

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

1. **Community Clean-up Campaign:**
   * **Objective:** Immediate reduction of plastic litter in public spaces.
   * **Action Steps:**
     + Organize regular community clean-up events.
     + Mobilize volunteers to collect and properly dispose of plastic waste.
     + Partner with local businesses to provide support and resources for clean-up initiatives.
2. **Awareness Workshops:**
   * **Objective:** Raise awareness about the environmental impact of plastic usage.
   * **Action Steps:**
     + Conduct workshops in schools, community centers, and public spaces.
     + Distribute educational materials on the consequences of plastic pollution.
     + Engage local leaders and influencers to endorse and participate in awareness campaigns.
3. **Establishment of Recycling Points:**
   * **Objective:** Improve waste segregation and encourage recycling.
   * **Action Steps:**
     + Identify strategic locations for recycling bins in the community.
     + Collaborate with local authorities to install and maintain recycling points.
     + Educate residents on the proper sorting of recyclable materials.
4. **Plastic-Free Events:**
   * **Objective:** Minimize plastic usage during community events.
   * **Action Steps:**
     + Encourage event organizers to opt for eco-friendly alternatives.
     + Provide guidelines for reducing single-use plastic at public gatherings.
     + Recognize and reward events that successfully minimize plastic waste.

**Long-Term Action Plan:**

1. **Development of Comprehensive Waste Management System:**
   * **Objective:** Establish a sustainable waste management infrastructure.
   * **Action Steps:**
     + Collaborate with municipal authorities to upgrade waste collection and disposal systems.
     + Introduce separate collection bins for different types of waste, including plastics.
     + Invest in recycling facilities to process plastic waste locally.
2. **Implementation of Plastic Reduction Policies:**
   * **Objective:** Enforce regulations to limit the use of single-use plastics.
   * **Action Steps:**
     + Work with local policymakers to introduce and enforce bans on specific single-use plastic items.
     + Implement economic incentives for businesses adopting plastic reduction measures.
     + Monitor and regulate the production, sale, and distribution of plastic products.
3. **Integration of Environmental Education in School Curriculum:**
   * **Objective:** Foster a culture of environmental responsibility from an early age.
   * **Action Steps:**
     + Collaborate with educational authorities to include environmental topics in the school curriculum.
     + Establish environmental clubs or programs in schools to promote sustainability.
     + Organize field trips to waste management facilities to educate students about the lifecycle of waste.
4. **Community-Led Sustainable Initiatives:**
   * **Objective:** Empower the community to take ownership of sustainability initiatives.
   * **Action Steps:**
     + Facilitate the formation of community-led environmental committees.
     + Provide training and resources to community members for sustainable practices.
     + Support local initiatives such as community gardens, composting, and upcycling projects.
5. **Research and Development for Alternative Materials:**
   * **Objective:** Encourage innovation in eco-friendly materials.
   * **Action Steps:**
     + Invest in research and development for alternative packaging materials.
     + Foster collaboration between local businesses, researchers, and academic institutions.
     + Provide grants or incentives for businesses adopting sustainable packaging solutions.

Implementing these short-term and long-term action plans requires collaboration between community members, local authorities, businesses, and relevant stakeholders. Regular monitoring and feedback mechanisms should be established to assess the effectiveness of these initiatives and make necessary adjustments for continuous improvement.

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

In response to the growing concerns about plastic pollution in our community, the "Plastic-Free Tomorrow" awareness programme was initiated. The program aimed to educate and engage residents in understanding the environmental impact of plastic usage, promoting responsible waste management practices, and fostering a collective commitment to reduce plastic consumption.

**Implementation:**

1. **Workshops and Seminars:**
   * Expert speakers and environmentalists were invited to conduct workshops in schools, community centers, and public spaces.
   * Interactive sessions were organized to discuss the consequences of plastic pollution, emphasizing the importance of individual and community action.
2. **Educational Campaigns:**
   * Eye-catching posters, pamphlets, and banners were distributed and displayed throughout the community to visually communicate the message.
   * Informational materials were strategically placed in public spaces, markets, and schools to maximize visibility.
3. **Community Clean-up Drives:**
   * Regular clean-up events were organized, encouraging community participation to witness the immediate impact of plastic waste and promote a sense of responsibility.
   * Participants were provided with reusable gloves and bags, emphasizing the shift towards sustainable practices.
4. **Interactive Social Media Campaign:**
   * Leveraging the power of social media, a campaign was launched to reach a wider audience.
   * Engaging content, including videos, infographics, and success stories, were shared to create a sense of community and encourage individuals to share their efforts in reducing plastic usage.
5. **Plastic-Free Events:**
   * Event organizers were encouraged to adopt plastic-free practices during community gatherings and festivals.
   * Signage, announcements, and designated disposal points for recyclables were implemented to raise awareness during events.

**Outcomes:**

1. **Increased Awareness:**
   * Significant improvement in the community's awareness levels regarding the environmental impact of plastic usage.
   * Surveys conducted before and after the program showed a notable increase in knowledge about the consequences of plastic pollution.
2. **Behavioral Change:**
   * Observable changes in behavior, with a growing number of residents actively reducing their use of single-use plastics.
   * Participants in clean-up drives reported a heightened sense of responsibility towards waste disposal.
3. **Community Engagement:**
   * Positive response and active engagement from various community groups, including schools, local businesses, and religious institutions.
   * Formation of a community-led environmental committee to sustain and expand the initiatives beyond the awareness program.
4. **Reduction in Plastic Usage:**
   * Anecdotal evidence and feedback from local businesses indicated a decrease in the demand for single-use plastics.
   * Local markets reported an increased preference for eco-friendly alternatives among consumers.
5. **Government and Business Collaboration:**
   * The success of the program attracted the attention of local authorities, leading to collaborative efforts between the community and government for sustained environmental initiatives.
   * Several local businesses voluntarily adopted plastic reduction measures, contributing to the overall success of the awareness program.

The "Plastic-Free Tomorrow" awareness program not only achieved its immediate goals but also laid the foundation for an ongoing community-driven commitment to environmental sustainability. Regular monitoring and follow-up initiatives are underway to ensure the continued success and growth of these efforts.

Top of Form

**Report of Report of the mini project work Done in the related Subject w.r.t the Habitation**

The mini-project aimed to assess the current state of plastic usage and its environmental implications within our habitation. Focused on implementing strategies to reduce plastic consumption and increase awareness, the project sought to create a sustainable and plastic-conscious community.

**Objectives:**

1. Evaluate the existing plastic usage patterns in the habitation.
2. Implement short-term initiatives to reduce plastic consumption.
3. Measure the effectiveness of awareness campaigns on the community.
4. Assess the feasibility of long-term strategies for sustained plastic reduction.

**Methodology:**

1. **Baseline Survey:**
   * Conducted a comprehensive survey to understand the prevalent plastic usage patterns, disposal methods, and community awareness levels.
   * Collected data from households, local businesses, and public spaces.
2. **Short-Term Initiatives:**
   * Organized community clean-up drives to address immediate plastic waste issues.
   * Introduced recycling bins in central locations to encourage proper disposal.
   * Distributed reusable bags and containers to promote alternatives to single-use plastics.
3. **Awareness Campaigns:**
   * Conducted workshops in local schools, community centers, and public spaces.
   * Utilized social media platforms for targeted awareness campaigns, sharing information on the environmental impact of plastics and promoting sustainable alternatives.
4. **Community Engagement:**
   * Collaborated with local leaders, schools, and businesses to encourage participation in plastic reduction initiatives.
   * Facilitated the formation of a community-led environmental committee to sustain efforts beyond the project duration.
5. **Long-Term Strategies:**
   * Investigated the feasibility of implementing policies to reduce or ban specific single-use plastic items.
   * Explored partnerships with local authorities for the establishment of a sustainable waste management system.

**Results:**

1. **Reduction in Single-Use Plastic:**
   * An observable decrease in the use of single-use plastics, particularly in local markets and community events.
   * Positive feedback from businesses and residents indicating a shift towards sustainable alternatives.
2. **Increased Community Awareness:**
   * Survey results post-awareness campaign indicated a substantial increase in awareness levels regarding the environmental impact of plastics.
   * The majority of participants expressed a willingness to adopt plastic reduction practices.
3. **Community-Led Initiatives:**
   * Formation of the environmental committee led to sustained efforts in maintaining cleanliness and promoting plastic-free practices.
   * Residents actively participated in waste segregation and recycling initiatives.
4. **Collaboration with Local Authorities:**
   * Preliminary discussions with local authorities regarding the establishment of a waste management system were initiated.
   * Positive responses from authorities, indicating an openness to collaboration on future sustainability projects.

**Challenges:**

* Initial resistance to change in some community members.
* Limited resources for the establishment of recycling infrastructure.

1. Continue and expand awareness campaigns.
2. Strengthen collaboration with local authorities for sustainable waste management.
3. Explore opportunities for funding and resources to establish recycling facilities.
4. Encourage the replication of successful initiatives in neighboring villages/habitations.

This project report serves as a foundation for future endeavors towards achieving a plastic-free and environmentally conscious community.

**CHAPTER 6: Recommendations and Conclusions of the Mini Project**

**CHAPTER 6: Recommendations and Conclusions of the Mini Project**

**Recommendations:**

1. Continue and expand awareness campaigns.
2. Strengthen collaboration with local authorities for sustainable waste management.
3. Explore opportunities for funding and resources to establish recycling facilities.
4. Encourage the replication of successful initiatives in neighboring villages/habitations.

This project report serves as a foundation for future endeavors towards achieving a plastic-free and environmentally conscious community.

**Conclusion:** The mini-project demonstrated the potential for significant positive change within our habitation concerning plastic consumption. The combination of short-term initiatives and long-term strategies, coupled with active community engagement, has laid the groundwork for a more sustainable and plastic-aware community. Ongoing efforts are necessary to ensure the continuous success of these initiatives and the potential expansion of similar projects to neighboring areas.

**Student Self-Evaluation for the Community Internship Report**

Address with mobile number: Gudur

|| ph.no.: 9047780115

Mrs.G.Swathi

Student Name: RAJA GOKULAKRISHNAN

Registration No: 212H1A3055

Period of CSI: 2 Weeks From:17-09-2023

To: 30-09-2023

Date of Evaluation:

Name of the Person in-charge:

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

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

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

**Date: Signature of the Student**

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

Student Name: RAJA GOKULAKRISHNAN

Registration No: 212H1A3055

Period of CSI: 2 Weeks From: 17-09-2023

To: 30-09-2023

Date of Evaluation:

Name of the Person in-charge:



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

**Please note that your evaluation shall be done independent of the student’s self-evaluation Rating Scale: 1 is lowest and 5 is highest rank**

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

**Date: Signature of the Supervisor**

**Photos and videos**



