



## CDP Report Aaryan

Community development project (Lovely Professional University)



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# COMMUNITY DEVELOPMENT PROJECT ON Plantation and Environment Protection

SUBMITTED BY -

**Aaryan**

REGISTRATION NO. -

**12104731**

In partial fulfilment for the requirements of the award of the degree of  
“**B.Tech CSE**”

“**School of Computer Science and Engineering**”

**Lovely Professional University  
Phagwara, Punjab**



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## CERTIFICATE OF PARTICIPATION

### MANAV VIKAS DHARA SAMITI

Registered under Society Registration Act 1860. Ranchi Jharkhand  
Near National Academy, By Pass Road, Jhumri Telaiya  
Koderma, Jharkhand- 825409

Ref No.-*mvd./T./23*

Date:-*11/07/22*

### CERTIFICATE

### TO WHOM IT MAY CONCERN

This is to certify that **Mr. Aaryan S/o of Mr. Abhay Subodh Sharma** carried out the project titled "Plantation and Environment Protection" in the supervision of **Mr. Rajiv Ranjan Shukla**, Project Manager, Manav Vikas Dhara in our organization.

It is further certified that he spent minimum 49 hours in the project. During his working period he proved himself as sincere, hard working and disciplined.

I wish him all the success in his life



*R Shukla*  
Authorised Signatory



## GLIMPSES OF THE WORK



## PLANT DISTRIBUTION AT DHODHAKOLA VILLAGE, KODERMA



## TREE PLANTATION AT DHODHAKOLA VILLAGE





## TREE PLANTATION AT KAUNDINYA GROUND, KODERMA



## **STUDENT DECLARATION**

### **TO WHOM IT MAY CONCERN**

I, **AARYAN**, Registration Number – **12104731**, hereby declare that the work done by me on the “**Community Development Project**” from 9th June 2022 to 10th July 2022, under “**Plantation and Environment Protection**”, is a record of original work for the partial fulfillment of the requirement for the award of the degree, **B.Tech (CSE)**.

## INTRODUCTION

Maintaining a healthy lifestyle involves more than just keeping your body in shape. Additionally, it entails residing in a healthy setting. Plantation is one method to accomplish it.

Many people are unaware of the environmental benefits that they could get from plantation. Not only do plants make the world more beautiful, but they also enhance air quality by eliminating pollutants like CO<sub>2</sub> and VOCs. In addition, they help us to breathe and battle climate change.



Plantation has several advantages. It is well known that plants enhance the quality of the air, ease stress, and give out natural light. They also give us a place to unwind and think during our busy days. When we adopt a plant, we take care of ourselves as well as the plant.

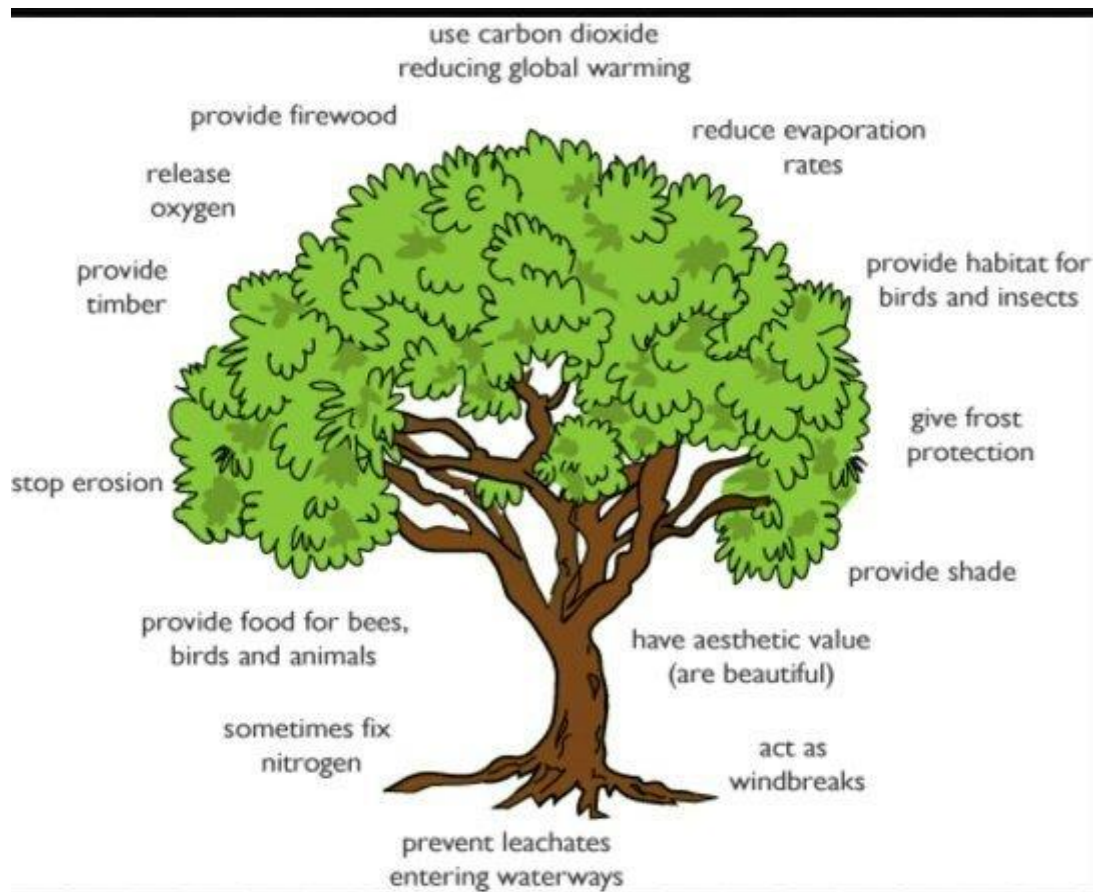


It is a good way to take care of the environment and your health. Plants are great for the air quality; they produce oxygen and absorb carbon dioxide. They also help to reduce stress levels and improve moods.



As an added bonus, they can be a great way to make our space feel more alive and pleasant to be in.

Plants are an excellent choice for anyone who would like to have some greenery in their home or office space. They come in many different shapes, sizes, and colours that will fit any style or preference.





## PROBLEM AND CAUSE OF THE PROBLEM

Deforestation has resulted in devastating floods and landslides. The significance of "tree plantation" can also be emphasised for forest conservation and wildlife protection. Wild animals are facing a scarcity of inhabitable forest areas as lands are cleared for farming and industrial purposes.



Because urban areas lack trees, they suffer from severe problems such as smog and polluted air. The “Tree Plantation” becomes a long-term solution to such problems. Vehicle exhaust, wood and coal combustion, factories and industries all emit hazardous pollutants and greenhouse gases into the atmosphere. We recognise that one of the most serious issues in the current state is the devaluation of trees. To make our world greener and better, we must pay more attention to tree planting in the future. Individual contributions should be made first. We should also put a stop to tree cutting and remember that without trees, there will be no life.



## **OBJECTIVES TO BE ACHIEVED**

The project's goal is to persuade people of all ages to plant more and more trees and take in as many different flora as they can.

The main goals are to-

- 1) Plant more and more trees and care for it until it is fully developed.
- 2) Spread the word about the project through social media platforms to motivate others to take similar action and halt global warming.
- 3) Spread the knowledge of tree plantation and ways to control environment pollution in community.
- 4) Adopt principles in my life which could save trees on earth and inspire others.
- 5) Protect the environment from pollutants.



# **VARIOUS STEPS TAKEN TO ACHIEVE**

## **THE OBJECTIVE**

By plantation and motivation, which will also assist to lower air pollution and promote a healthier climate, we can lessen the serious threat posed by global warming.

I planted so many plants also in my neighbourhood to make this project succeed. I learned new techniques for taking care of plants from a variety of online resources, including when to water, fertilise, and use pesticides to ensure they grow healthily.

In an effort to popularise this idea and safeguard the environment from pollution and climate change, I posted my work on social media.

Additionally, I was successful in convincing my friends and neighbours to do plantation, and I persuaded them to do the same. On a personal level, I noticed that taking care of the plant helped me unwind from the stress and turmoil of work. We give our time purpose when we plant or when we "bio-parent" by sowing seeds since these buds depend on us. For them to survive, we must provide the ideal conditions for





growth. Any sort of planting, including countertop herbs, window sill planters, and outdoor spaces of all sizes, can help us feel more reconnected to nature, which can be incredibly life-affirming. Planting and growing not only has the potential to be therapeutic, but it can also cut down on grocery store visits and increase our access to fresh food. There are many benefits to adopting a plant as our pet. Plants provide us with oxygen, clean our air, and help with stress.

Some plants provide more benefits than others. For example, some plants clean the air in our home while others will give oxygen.

Planting can be a great way to improve the quality of life for both us and our pet.



## **EFFECTIVENESS OF THE PROJECT**

Through social media, I was successful in persuading a large number of people to do plantation. The fact that so many people sow the seeds and used the hashtag #plantation on social media made me happy with the outcome. They continued the chain and significantly aided the campaign to safeguard the earth from pollution and climate change.

I learned a lot about myself via this endeavour, including how to adopt and care for the ideal plant.

I learned that plants have the capacity to temporarily relieve stress and put us at peace. We might experience contentment and relaxation as a result of them.



## CONCLUSION

In these 40 days I encouraged many people from my community to do plantation, saving environment and propagated knowledge which I gain from my experience to my community.

Polluted environment and air will be made clean by the project I've been given, which will help to lower the amount of people who pass away from respiratory disorders like pneumonia and asthma. Plantations may not be the only solution to stop global warming, but they can be one of the most effective approaches. There will be a significant reduction in environmental pollutants. There will be more flora and better rain.

In my experience, individuals typically feel sluggish to perform such things, but in truth, they have the power to sharpen our attention, promote optimistic thinking, and bring out the best in us.

So we should plant at least once in our life to save our environment and motivate at least 1 person to plant and ask the person to do the same. This might help to reduce the air pollution.





I conclude my CDP (Community Development Project) by giving thanks to all the members who assigned me such a project and the people who helped me throughout my project which was full of experience and learnings.

