



RAMAIAH
Institute of Technology

Department of
Computer Science and Engineering

Social Activity Report

On

SAPLING PLANTATION

This document has been submitted titled "SAPLING PLANTATION" as fulfillment and
Submitted in partial fulfillment of the Requirements for the award of Bachelor of Engineering degree
in the discipline of Computer Science & Engineering

By

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CERTIFICATE

This is to certify that the Social Activity entitled "Sapling Plantation" is a bonafide record of the Social Activity for 100-point activity carried out by Gaurav V (USN.1MS18CS046) under my guidance, in partial fulfillment of the requirements for the Bachelor of Engineering, Computer Science & Engineering from M S Ramaiah Institute of Technology, Bangalore for the academic year 2019-2020.


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ACKNOWLEDGEMENT

I thank my proctor, Dr. Geetha J, Associate Professor, Dept. of CSE, for guiding me and encouraging me to select, plan and organize the activity. Without her insights this event would not have been possible.

I would like to acknowledge the Head of Computer Science Engineering Department, Dr. Anita Kanavalli, her decision to give us the freedom to choose the form of activity made it possible for us to carry out our activity without having to adhere to a certain type of service.

In general, I would like to thank my parents for allowing me to conduct this activity, my college, Ramaiah Institute of Technology, RIT, for including this activity as part of my curriculum, my friends for helping me in the process, the faculty and authorities at University of Agricultural Sciences, for their permission.

Finally, I would like to thank the young children, full of curiosity and passion for learning, who listened to me and helped me carry out my activity and hopefully learnt something about giving back to the nature.

*Gaurav V
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ABSTRACT

The activity I chose was to plant trees in the UAS school campus and in the process, teach some young children of the school the importance of planting trees and taking care of our wonderful nature that we have been blessed with. The significance of trees is interrelated to such a magnificent amount of aspects of our planet. The oxygen they produce gives us fresh, non-polluted air, they block winds and cause rainfall, trees in forests become habitats for so many different species needed for the balance in the ecosystem and to sustain the food chain.

The key points of my activity were as follows:

- Initially, I met up with the authorities and faculty at UAS campus to ask for their permission. They seemed very welcoming and were very pleased with my idea.
- With the help of my classmates, and the energetic students of UAS, I planted trees(saplings) in their campus.
- During the process, I explained to the students the importance of planting trees and its benefits and significance.
- I asked the students to continue planting trees often to carry forward activity.

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Outline of Social activity

I bought some saplings from a nursery in Techwanipur and we planted them under the trees, for the kids in the school. With the help of my classmate, I planted the saplings by first finding a spot with hydrated sand, then laid and dug up some soil, placed the saplings, covered up the roots carefully with the sand and watered it thoroughly. The kids whom I thought the most popular seemed to prefer to water the plants every day during their break time. I feel like we can teach the students on the process of planting the trees, it's importance and significance. I think students will be very

CHAPTER 1

INTRODUCTION

About the social activity

My activity involved planting trees, learning about the benefits and significance of doing so, and teaching young children the same. I carried out the activity at the UAS campus in Bangalore, Karnataka. Permission was taken from the campus authorities. I chose this activity because of the impact it has on the world at a large scale. Trees have the capability to be the solution to climate change, pollution and global warming. Thus, we would be killing three bird by one stone (not literally, of course). Trees also become a lively habitat for the various species that inhabit that region. They cause rain, form sources of a variety of resources, ranging from wood, cotton, rubber, and so on. Its values are immeasurable.

In this day and age, when people all around the world are fighting to prevent global warming and other forms of exploitation of the environment, it is the role of every individual on this planet to play their part in helping these people in their cause. I am doing my part.

Outline of Social activity

I bought some saplings from a nursery in Yeshwanthpur, and on the way took some sweets for the kids in the school. With the help of my classmates, I planted the saplings by first finding a spot with hydrated and moist land and dug up some mud, placed the sapling, covered up the roots carefully with the mud and watered it thoroughly. The kids whom I thought the same process promised to continue watering the plants every day during their break time. I had done some research the week before on the process of planting the trees, its importance and significance. I made sure to explain that to the

kids. I distributed the sweets I had bought and bid them farewell. The kids had a wonderful time, spending time in the open, experience the closeness with nature and plants. We played a couple of games too to entertain them. Overall, it was an experience that I will keep close to my heart for a long time.

CHAPTER 2

STUDY ON ACTIVITIES FOR SOCIETAL NEED

Activities for Societal needs are much more significant than any other activities in a way that progress and innovation can ignore the side effects of the exploitation of nature and its resources. We have already reached to the point where countries are fighting over these resources that are so important to sustain humankind. There was also a fear of war for this cause. The reality is that we have come too far ahead without realizing the destruction we have caused, so it very much necessary for us to do activities pertaining to the needs of the society.

Description of Social activities

Society is in need of determined youth who are ready to work selflessly for good causes, one of which I have tackled in my activity. These activities can be of many forms but what matters is that every individual is involved wholeheartedly. It takes passion, drive, motivation and just the overall mindset that involves serious dedication. Without our love for the nature and acknowledgement of her innumerable gifts we cannot move forward, we cannot experiment with different technologies, we cannot exhaust our resources, we cannot live our life completely. The society depends on the people, their harmony, togetherness and unity. The society is interrelated with the ecosystem that surrounds it.

The initial action of the #TreesForEveryone campaign gathered the support of over 1000 individuals, who donated social media and YouTube platforms and funds to raise awareness about the tree planting effort. It seems that the eco-feminist movement has been successful because #TreesForEveryone drew international attention to the concept of

CHAPTER 3

BENEFITS OF SOCIAL ACTIVITIES

The benefits of Social Activities are too many to list. They improve the lifestyle of people, given them a reason, some hope, to go on. In turn, people hold together the society and protect the society from ailments. The society can also contribute to the growth of the economy, getting rid of unemployment and funding education and abolishing poverty.

Furthermore, activities done for the benefits of the society are only possible with the active involvement of the people who make up the society. The activist, Greta Thunberg, recently stood up for climate change. In her speech, addressing the United Nations, she brings out the need for saving our nature, the necessity of societal activities and the increasing benefits of it. It's high time we adapted those points and implemented them. Another example of societal activities giving back to the nature comes from the YouTube channel, MrBeast, who started the campaign to plant 20 million trees all around the world. MrBeast launched the #TeamTrees campaign in October after fans bombarded him with memes suggesting he commemorate reaching 20 million YouTube subscribers by planting 20 million trees. At \$1 a tree, the cause's goal was ultimately to raise \$20 million by January 1, 2020 to plant trees in partnership with the Arbor Day Foundation's reforestation program. However, it took the campaign less time than anticipated to complete its goal. The organisers behind #TeamTrees announced Thursday that the cause had already achieved its goal for the end of the year, raising money to plant 20 million trees in less than two months.

The initial debut of the #TeamTrees campaign gathered the support of more than 600 influencers, who flooded social media and YouTube with videos and posts to raise awareness about the tree-planting effort. It seems that the mass-bombardment has been successful however: #TeamTrees has drawn donations upwards of tens of thousands of

dollars from some of the most popular YouTube stars, and more than \$1 million from two tech CEOs as well. That's how you carry out a societal activity and reap the benefits of it.

DETAILS OF IMPLEMENTATION OF SOCIAL ACTIVITY

On the 21st of November 2018, I along with my classmates from 9C, visit to the WAF campus in Bangalore, a committee using different modes of transport. We used 50000 rupees for kids and faculty, and now there a memory book changes started to the way to the school. We greeted the faculty and authorities and explained our presentation. We were performed all the data and fact that we were allowed to carry out the project and this was our registration time.

We began by invited the children of lower primary class to the ground where we were placing our saplings. I explained to the kids everything that has been mentioned in the report in a way that they could understand, by simplifying the points and words. I had got strong away the significance of what we were doing.

The kids behaved to plant the saplings, gave up their own saplings when they wanted to contribute to better off them who took care of the nature. It was wonderful to see the sort of concern and enthusiasm in young kids which didn't know the complete effects and effects of something so major, planting a tree each.

We ended our activity by singing few songs and this. During the session we had brought 50000 rupees with one last previous park from the kids, amount to water the plants we had planted and nearly 1000 trees and about 10000 rupees we all know, plants breathe and give you the human beings. They need love, good air, clean air and keep up all the earth conditions. Properly take care of a healthy environment.

CHAPTER 4

DETAILS OF IMPLEMENTATION OF SOCIAL ACTIVITY

On the 21st of November 2019, I, along with my classmates from RIT, went to the UAS campus in Bangalore, Karnataka using different modes of transport. We bought sweets for kids and faculty, saplings from a nursery (each costing Rs10) on the way to the school. We greeted the faculty and authorities and reconfirmed their submission. We were pre-informed of the date and time that we were allowed to carry out my activity and this, we were right on time.

We began by inviting the children of lower primary class to the ground where we were planting our saplings. I explained to the kids every detail that has been mentioned in this report in a way that they could understand, by simplifying the points and impacts but not taking away the significance of what we were doing.

The kids helped us to plant the saplings, gave us their own opinions on how they wanted to continue to become citizens who took care of the nature. It was wonderful to see that sort of passion and enthusiasm in young kids who still didn't know the complete affects and effects of something so trivial, planting a tree each.

We ended our activity by playing few games and distributing the sweets we had bought. We departed with one last promise made from the kids: continue to water the plants we had planted and nourish them and cater to them because we all know, plants breathe and grow just like human beings. They need love, good weather, care and most of all, no harsh conditions. Prosperity comes in achieving these conditions.

CHAPTER 5

ADVANTAGES OF MY SOCIAL ACTIVITY

I chose planting trees as my activity because of its benefits. Trees can save us, sustain us, and live as much as we do. Some of the benefits of my activities are so significant that if every person in my college did this activity with me, we'd have fresh air, reduce pollution by a significant amount. A census suggested that Bangalore has 3 trees to every 10 people living in the city. Basically, we are all breathing recycled air at this very moment. For healthy living, the ratio should be opposite, 10 trees or more to every person.

The wood we use to construct our buildings and other items comes from the bark of trees. Is that really necessary in our regions? We could shift to other sustainable forms of matter. Hemp is a sustainable crop that could replace wood.

More trees are directly proportional to the amount of Oxygen produced, rainfall, less corrosion and erosion, wildlife, building material resources, fruits, vegetables, greens, and increase in underground table, economy, trade rates and profits.

Overall, the benefits to planting trees has an immense impact on every aspect of the Society.

CHAPTER 6

OUTCOME ANALYSIS OF SOCIAL ACTIVITY

Responses & Proofs of Social Activity

As proofs we have a few photos attached with the report.

Here are few of the responses:

Mr. Shashidhar Karage (2nd grade professor of Environmental Studies at UAS school):

“The initiative by Gaurav V was profoundly impressive. For a youth of this country to contribute to the betterment of the environment is what we need in the coming generations.”

Ms. Manjula Raj (1st grade Sociology teacher at UAS campus): *“Loved to see students teach younger kids the benefits of planting trees and interact with each other.”*

Dr. Geetha J, Associate Professor, Dept. of CSE: *“Grateful to be a part of the faculty who are involved in guiding students in their social activities.”*

Mr. Krishnamurthy (Security Guard at UAS campus): *“The students were so kind, the sweets they brought lightened up my day!”*

Analysis of Social Activity

CHAPTER 7

CONCLUSION

In total, 120 saplings were planted, which in total cost Rs. 1200. The water was taken from the campus. 20 students accompanied me to the school. We worked for 3 hours. It took us 90 minutes to plant the saplings and another 45 minutes to interact with the kids. The authorities were very encouraging and welcoming. They even offered some refreshments which we respectfully declined. The activity was carried out after college hours and in the break time of the kids at UAS campus. We cleaned up the place before leaving and made an active effort to not disturb anyone more than necessary.

CHAPTER 7

CONCLUSION

Overall, the activity thought me about the benefits of learning, implementing and teaching the benefits of planting trees and its long lasting impact. The advantages of trees and their importance surpass what we can even imagine. I carried out the activity with utmost interest, determination and enthusiasm.

LOCATION : L.A's Camp - School
DESCRIPTION : Photo session while planting saplings at different places



LOCATION : L.A's Camp - School
DESCRIPTION : Group picture while planting saplings at different places

CHAPTER 8

PHOTOS



LOCATION : UAS Campus School

DESCRIPTION : Planting sapling with the help of my classmate.



LOCATION : UAS Campus School

DESCRIPTION : Group picture while planting samplings at different places.



LOCATION : UAS Campus School Entrance

DESCRIPTION : Group picture at the entrance of School campus after completing sapling plantation.



LOCATION : UAS Campus School Entrance

DESCRIPTION : Group picture with the students of UAS Campus School after explaining to them the importance of tree plantations.

CHAPTER 9 REFERENCES

1. UAS Campus school website:
<https://uascampusschool.ac.in>
2. Photos of the activity:
https://1drv.ms/f/s!Av2_UNyx-k8ngco0Ov0mMVPHQEgjXg
3. Greta Thunberg Speech at the United Nations:
<https://youtu.be/KAJsdgTPJpU>
4. MrBeast planting 20 million trees:
<https://youtu.be/HPJKxAhLw5I>

THANK YOU