



# S.S.T. College of Arts & Commerce

(Affiliated to University of Mumbai, Mumbai)



## GREEN CLUB ACTIVITY REPORT ON WASTE MANAGEMENT





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## BRIEF REPORT ON BEST OUT OF WASTE TREE PLANTATION USING BOTTLES AND OIL CANS

**DATE:** 3<sup>rd</sup> August, 2023

**Venue:** College Campus

**No. Of students participated:** 60

**BENEFICIARIES:** 250 Students

### Objective of the activity:

1. To repurpose waste materials, such as plastic bottles and oil cans, for tree plantation activities
2. To minimize waste accumulation, promote recycling, and contribute to green initiatives.

### Outcomes of the activity:

1. Waste utilization projects serve as educational opportunities to raise awareness about the importance of waste management, recycling, and environmental conservation.
2. By repurposing plastic bottles and oil cans for tree plantation, there is a significant reduction in the amount of waste that would otherwise end up in landfills or pollute natural ecosystems.

**"Turning Trash into Treasures: Repurposing Plastic Bottles for a Greener Tomorrow  
🌱 #ReduceReuseRecycle"**

On August 3, 2023, on the college campus, the Green Club of S.S.T. College of Arts and Commerce organized a waste-out exercise in which 60 students enthusiastically participated.

Plastic bottles and oil cans were collected from students, and waste management facilities. These materials were cleaned and prepared for reuse in tree plantation activities. Plastic bottles were cut into appropriate sizes, and oil cans were cleaned and modified to serve as containers for planting saplings. Drainage holes were incorporated to ensure proper water management. Healthy saplings of selected tree species were obtained from nurseries, Care was taken to select robust saplings with well-established root systems. Each container was filled with nutrient-rich soil, and a sapling was carefully planted in the centre. Soil was compacted gently around the sapling, and watering was done to facilitate establishment. Regular watering, weeding, and pest control measures were implemented to support the growth of saplings. Monitoring activities included tracking growth parameters, assessing survival rates, and addressing any issues promptly. Continued efforts and collaboration are essential to scale up such initiatives and foster a culture of waste reduction and resource conservation. By repurposing plastic bottles and oil cans for tree plantation, there is a significant reduction in the amount of waste that would otherwise end up in landfills or pollute natural ecosystems.



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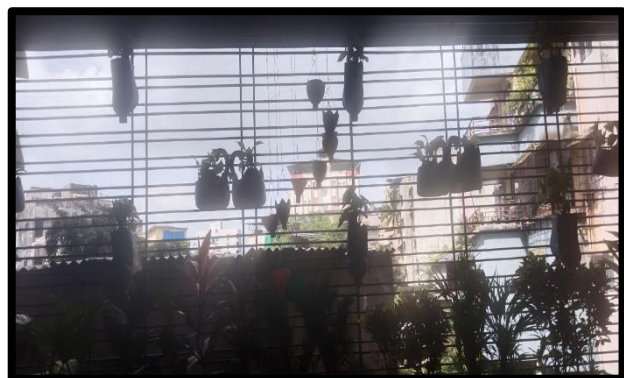


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## GLIMPSES OF THE ACTIVITY



**STUDENTS ARE DECORATING BUCKETS AND BOTTLES**



**BOTTLE AND BUCKET TREE PLANTATION #ReduceReuseRecycle**



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## BRIEF REPORT ON DISTRIBUTION OF SOLAR LIGHTS AT GHOTSAI VILLAGE

**DATE: 26<sup>TH</sup> January,2024**

**Venue: Venus Chowk**

**No. Of students participated:30**

**BENEFICIARIES: 3 Temple**

**Objective of the activity:**

1. To reduce the environmental impact of floral waste generated from temple rituals.
2. To promote sustainable practices within the temple premises.
3. To raise awareness among devotees regarding the importance of waste management and environmental conservation.

**Outcomes of the activity:**

1. By diverting floral waste from landfills, the initiative contributed to reducing environmental pollution and promoting a cleaner, greener environment.
2. Recycling or repurposing waste garlands can create economic opportunities for local communities.

As environmental concerns and the need for waste management become more pressing, a waste garland collection initiative was undertaken at the Shiv Mandir Temple, Ambernath on Republic Day 26<sup>th</sup> January,2024 by Green Club of S.S.T. College of Arts and Commerce, Ulhasnagar-4. Volunteers were enlisted to keep an eye on the collection bins, instruct followers on how to dispose of waste properly, and make sure the program ran smoothly. The initiative received widespread support and active participation from devotees. Many expressed appreciations for the temple's efforts in promoting environmental sustainability. The support and enthusiasm shown by devotees indicate a positive attitude towards embracing eco-friendly initiatives within religious institutions. Moving forward, it is imperative to sustain the momentum generated by this initiative and explore further opportunities for environmental stewardship within the temple community. Activity conducted by Green Club Faculty Coordinator Asst.Prof. Namrata Singh, Asst. Prof. Sachin Phalke.

**Total Weight of Waste Garland Collected: 50 kg.**



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## GLIMPSES OF THE ACTIVITY



**"Embracing Eco-Consciousness: Volunteers gather to collect discarded garlands, turning temple rituals into sustainable practices.  
#GreenTempleInitiative"**



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## WORKSHOP ON WASTE MANAGEMENT -REUSE OF PLASTIC BOTTLES

**DATE: 1<sup>ST</sup> August,2023**

**Venue: ROOM NO.12**

**No. Of students participated:80**

**BENEFICIARIES: 150 Students**

### **Objective of the activity:**

1. To educate participants on creative ways to repurpose plastic bottles and encourage them to adopt eco-friendly practices in their daily lives.

### **Outcomes of the activity:**

1. Participants gained a deeper understanding of the environmental impact of plastic pollution and the importance of reducing plastic waste.
2. They learned about the lifecycle of plastic bottles and the need to find alternative solutions to their disposal.

### **‘RECYCLE TODAY FOR A BETTER TOMORROW’**

The session on the reuse of plastic bottles was organized to raise awareness about the environmental impact of plastic waste and to promote sustainable alternatives for plastic bottle disposal by the Green club committee of S.S.T. College Of Arts and Commerce The event's resource person is Asst.Prof. Amrita Achantani. The session began with an overview of the environmental consequences of plastic pollution, emphasizing the detrimental effects on marine life, ecosystems, and human health. Participants were encouraged to reflect on their plastic consumption habits and explore alternatives to single-use plastics. Various creative reuse ideas for plastic bottles were presented, including: Vertical gardens, Eco-bricks Art and craft projects. Interactive workshops were conducted to provide participants with practical skills for repurposing plastic bottles. These workshops included demonstrations on bottle cutting techniques, assembling vertical gardens. Interactive workshops were conducted to provide participants with practical skills for repurposing plastic bottles. These workshops included demonstrations on bottle cutting techniques, assembling vertical gardens.



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## GLIMPSES OF THE ACTIVITY



**STUDENTS PARTICIPATING AT THE WORKSHOP**



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## BRIEF REPORT ON WORKSHOP ON MAKING ECO-FRIENDLY DHOOPBATTI USING WASTE GARLANDS

**DATE: 29<sup>TH</sup> January,2024**

**Venue: Room NO.106**

**No. Of students participated:55**

**BENEFICIARIES: 250 Devotees**

### **Objective of the activity:**

1. To reduce the environmental impact of floral waste generated from temple rituals.
2. To promote sustainable practices within the temple premises.
3. To raise awareness among devotees regarding the importance of waste management and environmental conservation.

### **Outcomes Of the activity:**

1. The promotion and adoption of eco-friendly dhoop batti can serve as an educational tool to raise awareness about the environmental impacts of conventional incense sticks and the importance of sustainable consumption practices.
2. Educating consumers about the benefits of eco-friendly dhoop batti in terms of health, environmental sustainability, and cultural preservation can encourage them to make informed purchasing decisions and support sustainable products.

### **“TOXIC FREE DRY DHOOPBATTI”**

Dhoop Batti, commonly used in various religious and cultural practices, is often made with ingredients that can be harmful to health and the environment. In recent years, there has been a growing concern about the environmental and health impacts of traditional dhoop batti due to the chemicals and toxins present in its composition. To address this issue, the objective of this project is to develop an eco-friendly alternative for dhoop batti production, utilizing natural and non-toxic ingredients. Green club of S. S. T. College of Arts and Commerce organised workshop on making eco-friendly dhoopbatti from collected waste garlands on 29<sup>th</sup> January,2024 In Room No.106.Workshop was arranged by Green club faculty coordinator Asst. Prof. Namrata Singh. The resource person for this event is Mr. Nayan Karale, student of S.Y. BCBI.Various formulations were experimented with, varying the ratios of selected ingredients to achieve the desired fragrance, consistency, and burn time. The formulations were tested for





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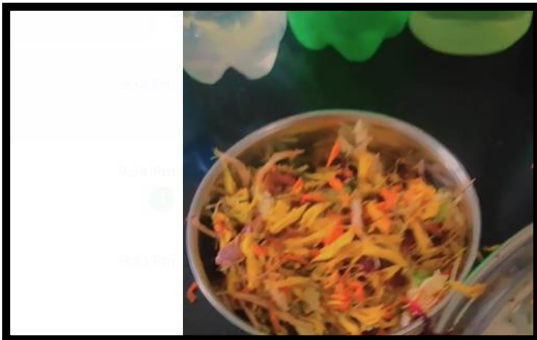


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efficacy and safety. This involved blending the ingredients, shaping the mixture into dhoop batti sticks, Ingredients such as dried herbs, spices, natural resins, and essential oils were chosen for their aromatic qualities and sustainability and allowing them to dry naturally

The Green Club Committee has taken the lead in converting leftover garlands from temples for the purpose of making dhoopbatti and giving devotees as a token of l

## GLIMPSES OF THE ACTIVITY



**REPURPOSING WASTE GARLANDS INTO ECO-FRIENDLY  
DHOOP BATTIS BY NAYAN KARALE**