



# St. Francis

College for Women  
Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)

**UNNAT BHARAT ABHIYAN**

**VILLAGE DEVELOPMENT ACTIVITY- VI**

**ACADEMIC YEAR 2024-25**

### **Description of the event:**

Students of third year Botany students and second year St. Francis Green Corps (SFGC) of St. Francis College for Women, Begumpet accompanied by Mrs. Dhanalakshmi participated in **UBA village visit to Kandi** thanda on 7<sup>th</sup> March 2025. This event is to follow up the activity I & II, **Waste segregation and composting & Kitchen Gardening, and Awareness on Activity III, IV & V**, bring awareness on the **Preparation of bio enzyme, Say no to Single use plastic and Sustainable period products**. Villagers heard us with attention and actively participated by interacting in question-answer session and got trained in all the activities planned. The field trip was attended by 15 students from SFGC, Mrs. Dhanalakshmi from Department of Environmental studies and 35 villagers actively participated in the event. Indeed, it was a very engaging event as we all learnt new things and also educated villagers to live a healthy and sustainable life. Villagers were happy and promised to continue sustainable practices in future.

### **Activity I & II follow up:**

This was a follow up visit for Activity I, waste segregation already demonstrated and dust bins (both blue and green) were distributed earlier. We made an awareness about the harmful chemicals present in the pesticides used for crops and encouraged them to make a nutrient rich **compost**. A demo of **composting** was given following sandwich method using dry and wet waste with little water in a drum. We encouraged the villagers to have a hands-on experience. Two large pits were dug with the help of JCB for the villagers to dump their daily wet and dry waste in 1<sup>st</sup> pit till it fills and leave it for composting, and then fill the 2<sup>nd</sup> pit meanwhile the 1<sup>st</sup> pit will turn to compost so that they can use it for their fields. This event was attended by 10 villagers. Villagers were encouraged to prepare compost and use it for their kitchen Garden to get organically grown fresh vegetables



### Compost pit





**Activity No- III(Preparation of (Bioenzyme based floor cleaner):**

Awareness about the harmful nature of commercial floor cleaners was explained and villagers were encouraged to make their own bio enzyme based floor cleaner with simple things available at home. Bio enzyme preparation with orange peels, jaggery, water and bioenzyme starter was taught to them. This was demonstrated in a small container and encouraged the gathering to perform the same in a drum in larger quantities and asked them to take care of it by mixing the contents once a day for 15 days and weekly once till 45Days. We also gifted few bottles of natural bio enzyme to the villagers who participated. This event was attended by 25 villagers.





**Activiy No- IV(Say no to Single use plastic):**

Awareness about disposable and reusable alternatives for single use plastic like plastic straw, plastic cover plates, plastic glasses, one time use tissues, plastic containers, spoons, covers, water bottles, tooth brush and lunch boxes with sustainable alternatives which are made of steel, glass, paper, wood and clothwas given. This event was attended by 25 villagers and they were actively involved.

- Plastic straw-steel/paper straw
- Plastic cover plates-steel plates
- Plastic glasses-steel glasses
- One time use tissues-cloth tissues
- Plastic containers-glass jars
- Plastic tooth brush-wood brush

- Plastic covers-cloth bags
- Plastic water bottles-steel water bottles

Bioreformers Biodegradable bags which were made out of corn starch were gifted to the gathering.



### **Activity No- V(Sustainable Period products)**

Women were educated the need to replace harmful chemical sanitary pads with biodegradable and reusable sustainable and healthy period products available. The team explained and demonstrated the usage and advantages of biodegradable pads, cloth pads, period panty and menstrual cup. The hazard and problems caused by regular sanitary pads to our body and to nature was emphasized. The women and girls there eagerly asked many questions and understood the need of the hour. This event was attended by 25 villagers.

### **Visit to Nutrition bandi, Lakshmi Nagar Colony:**

Our team also visited Nutrition bandi, gifted by UBA team to one of the resident from Lakshmi nagar, to encourage him with his sustainable business.



### **Conclusion**

Our initiative to raise awareness about Waste segregation & composting, Kitchen Gardening, Preparation of Bio-enzyme based floor cleaner, reducing plastic usage, and proper sanitary management in the village was a meaningful step towards promoting sustainable living. Through interactive sessions, demonstrations, and discussions, we successfully educated the villagers on the importance of these practices in improving both environmental and personal well-being.

The villagers showed enthusiasm in adopting eco-friendly habits, and many expressed a willingness to implement composting and bio-enzymes in their daily lives. Additionally, the emphasis on reducing plastic waste and maintaining hygiene encouraged responsible waste disposal practices.

Overall, our efforts have contributed to fostering a more sustainable mindset in the village. Continued engagement and follow-ups will be crucial for ensuring long-term impact and encouraging more people to embrace these positive changes.





# St. Francis

College for Women  
Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)

## UNNAT BHARAT ABHIYAN VILLAGE DEVELOPMENT ACTIVITY- VI ACADEMIC YEAR 2024-25

**Date:** 7th March 2025

### **Introduction:**

On 7th March 2025, students and faculty members from St. Francis College for Women, under the Green Corps Wing, visited Vaddenaguda Village in Sangareddy as part of the Unnath Bharat Abhiyan (UBA) program. UBA, an initiative by the Government of India, aims to bridge the gap between urban educational institutions and rural communities by promoting sustainable development and empowering villages. Vaddenaguda, a serene and vibrant village in Sangareddy, welcomed the team with warmth and enthusiasm. The visit was organized to raise awareness about sustainable practices and to encourage the adoption of eco-friendly solutions in daily life. We were guided by Nithin Sir throughout the trip

### **Activities and Demonstrations:**

The St. Francis Green Corps Wing conducted a series of interactive and educational demonstrations during the visit. These included composting techniques, Waste segregation, composting, the "Say no to Single-Use Plastic" campaign, bio-enzyme preparation, kitchen gardening, and the use of sustainable period products. The team demonstrated how to convert organic waste into nutrient-rich compost, create bio-enzymes for household cleaning, and set up small kitchen gardens for growing fresh vegetables and herbs. A special emphasis was placed on reducing plastic waste by promoting reusable alternatives. Additionally, a session on sustainable menstrual products was held to educate women and girls about eco-friendly and healthy options. Both the villagers and students participated enthusiastically, making the sessions lively and impactful.

### **Outcome of the Program:**

The visit to Vaddenaguda Village under the UBA program was a tremendous success, leaving a lasting impression on both the villagers and us. The villagers appreciated the practical knowledge shared and expressed their willingness to adopt the sustainable practices demonstrated. We, on the other hand, gained a deeper understanding of rural life and the importance of community-driven development. The program not only strengthened the bond between the college and the village but also highlighted the potential for future collaborations under the UBA initiative. The enthusiasm and active participation from both the students there and the villagers underscored the importance of such programs in fostering sustainable development and empowering rural communities.



Mamidipally, Telangana, India  
H4xx+rwr, Mamidipally, Telangana 502329, India  
Lat 17.59944° Long 78.14985°  
07/03/2025 11:31 AM GMT +05:30



Mamidipally, Telangana, India  
H4xx+rwr, Mamidipally, Telangana 502329, India  
Lat 17.599555° Long 78.149737°  
07/03/2025 11:21 AM GMT +05:30



Sangareddy, Telangana, India

Ismailkhanpet Road, Kandi, Sangareddy,

Telangana 502329, India

Lat 17.599551, Long 78.149790

03/07/2025 11:12 AM GMT+05:30

Note : Captured by GPS Map Camera



# St. Francis

College for Women  
Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)

## UNNAT BHARAT ABHIYAN

### VILLAGE DEVELOPMENT ACTIVITY- VI

ACADEMIC YEAR 2024-25

#### UNNAT BHARAT ABHIYAN- IPPALAGADDA

The Departments of Environmental Studies and Botany had organized a visit to 4 villages in the district of Siddipet, Telangana as a part of the Unnat Bharat Abhiyan Program(UBA) on March 7, 2025. The students of St.Francis Green Corps as well as third-year BSc Botany students from the Botany department participated.

Group 1 consisting of 15 people and headed by V. Abhinaya Sri (BSc AnBC 3N) conducted demonstration sessions in Ippalagaddavillage, at the primary school. School children and the village locals have participated.

#### OBJECTIVES:

1. To create awareness on environmental sustainability and hazards of improper use of plastic in rural areas.
2. To teach simple methods to incorporate sustainability into daily life.

#### DESCRIPTION OF THE EVENT:

1. Compost Preparation

Members: Krishna Gayatri, Uma Maheshwari and Pavithra

In the first session, benefits of compost were explained to the participants. Compost preparation from domestic wet and dry waste was demonstrated. The compost that was prepared in the college campus was gifted to the locals in order to encourage sustainable waste management.

2. Kitchen Garden

Members: Kavyashree, Aashritha, J.M.poojitha

In the second session, the students explained the advantages of organic kitchen gardening and method of growing microgreens. A demonstration was given for the same.

3. Say No to Single-Use Plastic

Members: Kumkum.B, Shravani, Bhavani

The harmful environmental effects of single-use plastic were discussed. Students introduced the locals to eco-friendly reusable as well as disposable alternatives.

#### 4. Bio Enzyme

Members: Renuka.C, V.Abhinaya Sri, Jyothshna

The method by which citrus peels can be used to make an eco-friendly floor cleaner (bio enzyme) was taught to the participants. The bio enzyme was made in bulk and gifted to the locals.

#### 5. Sustainable Period Products

Members: Vaishnavi, Mounika, Aasritha

Students also brought awareness on sustainable menstrual products such as menstrual cups, cloth pads, period panties as well as disposable biodegradable pads. The importance of menstrual hygiene was also highlighted.

The demo sessions were concluded with the planting of two samplings by the children of the primary village school, aided by the SFGC and Botany students

### OUTCOMES:

1. Awareness was raised on important environmental topics in villages, among the locals and the children.
2. The students of SFGC as well as those representing the Botany department gained experience on how awareness programs must be conducted.
3. Village locals were taught important and helpful skills pertaining to recycling and sustainability.





Mamidipally, Telangana, India  
H5q5+85r, Mamidipally, Telangana 502329, India  
Lat 17.588491° Long 78.157966°  
07/03/2025 09:50 AM GMT +05:30



Mamidipally, Telangana, India  
H5q5+85r, Mamidipally, Telangana 502329, India  
Lat 17.588511° Long 78.157957°  
07/03/2025 09:43 AM GMT +05:30



Rudraram, Telangana, India  
H5q5+f75, Rudraram, Telangana 502329, India  
Lat 17.588578° Long 78.157949°  
07/03/2025 10:13 AM GMT +05:30



Mamidipally, Telangana, India  
H5q5+85r, Mamidipally, Telangana 502329, India  
Lat 17.588503° Long 78.157926°  
07/03/2025 09:52 AM GMT +05:30





# St. Francis

## College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)

### UNNAT BHARAT ABHIYAN VILLAGE DEVELOPMENT ACTIVITY- VI ACADEMIC YEAR 2024-25

The UBA village development activity no- 6 was organized for the 2<sup>nd</sup> year students of St. Francis Green Corps and 3rd year Botany students, in Erdanoor village.

#### **Objectives:**

- To encourage waste management practices, including recycling and composting
- To bring awareness on kitchen gardening for organic farming and promote tree plantation by distributing and planting saplings.
- To promote the use of eco-friendly alternatives like biodegradable products to say no to single use plastic
- To bring awareness on preparation of Sustainable citrus BioEnzyme based floor cleaner
- To spread awareness sustainable period products

#### **Description of the trip:**

Students of St. Francis Green Corps (SFGC) and Botany students of St. Francis College for Women, Begumpet volunteered for UBA trip organized on 7th March 2025.

This is to bring awareness to protect the environment, take necessary measures such as planting trees, reducing plastic use, promoting waste management, conserving water, preventing pollution, and encouraging sustainable practices in daily life.

Our trip to Erdanoor village focused on spreading awareness through five key activities, with each activity handled by two members from our 8-member team. The activities included:

1. Waste segregation & Composting– Educating villagers on organic composting to reduce waste and improve soil health.
2. Kitchen Gardening & Plantation – Encouraging households to grow vegetables at home for self-sufficiency and better nutrition.
3. Bio Enzyme based floor cleaner– Demonstrated how to create natural cleaning solutions using citrus fruit peels and jaggery.

4. Say no to single use plastic – Spreading awareness about the harmful effects of single-use plastics and promoting biodegradable and reusable alternatives.
5. Sustainable Period Products – Educating women on safe and eco-friendly alternatives like biodegradable pads, Cloth pads, period panty and menstrual cups. Indeed, it was an extremely engaging activity that would be cherished by students alike. Ensuring active participation and knowledge sharing among students and villagers for a sustainable impact.

### **Outcome:**

1. Increased environmental awareness among villagers and students.
2. Hands-on learning experience through practical demonstrations.
3. Encouraged composting and bio enzyme usage for waste management.
4. Promoted kitchen gardening for self-sufficiency and better nutrition.
5. Raised awareness about plastic pollution and reduced single-use plastics.
6. Improved sanitary pad disposal practices and sustainable alternatives for better hygiene.
7. Strengthened community engagement between students and villagers.
8. Inspired future initiatives for sustainable development.





Mamidipally, Telangana, India  
H5xc+prx, Mamidipally, Telangana 502296, India  
Lat 17.598328° Long 78.17253°  
07/03/2025 12:51 PM GMT +05:30

Google