



## **AUXILIUM COLLEGE (Autonomous)**

(Accredited by NAAC with A+ Grade with a CGPA of 3.55 out of 4 in the 3<sup>rd</sup> cycle)  
Gandhi Nagar, Vellore – 6.

**Extension Activity Report – 2018-2023**

**Solid Waste Management Project**

**Department of Chemistry**

# **Solid Waste Management Project**

## **Department of Chemistry**

### **Vision of the Project:**

This project aims to utilize the waste generated in the campus by converting it into organic manure and vermicompost to enable a pollution free campus.

### **Objectives:**

1. To create awareness among the students about the importance of waste disposal and solid waste management.
2. To collect and segregate the waste into biodegradable and non-biodegradable materials.
3. To maintain a clean and pollution-free environment.
4. To offer job opportunities to the economically poor women.

The Department of Chemistry has undertaken the project and five women workers are appointed by the management. They collect the waste and transport it to the project site, segregate it into biodegradable and non biodegradable waste. The biodegradable waste is processed into organic and vermin compost manure.

The inorganic waste is segregated into low grade and high grade plastic waste, dummy plastics, mica covers, pet bottles, iron scrap, tin scrap, aluminium scrap, paper waste and sold for recycling.

**2018-2019**

## **Solid Waste Management Report**

The SWM project site manure beds were watered and maintained by the students of the Department of Chemistry. They prepared vermicompost and helped in organic composting. They also helped the workers segregate the inorganic wastes and pile them. One staff from the department accompanied them. The students assist the workers in packing the waste.

Solid waste like plastics, papers, cardboards were sold to recycling units and the revenue generated from the solid waste was Rs. 40,350.

### **Service Activities in the Neighbourhood**

I B.Sc. Chemistry students along with two staff members visited Sishu Bhavan, Vellore on 20.12.2019. This organisation trains and imparts skills to physically challenged students. The students interacted with the inmates and entertained with cultural programmes.

### **Collection and Segregation of waste**



## Organic Composting



## Vermi bed preparation



## Vermicompost Sieving and Packing





**2019-2020**

### **Solid Waste Management Report**

The SWM project site manure beds were watered and maintained by the students of the Department of Chemistry. They prepared vermicompost and helped in organic composting. They also helped the workers in segregating the inorganic wastes and piling. One staff from the department accompanied them. The students assist the workers in packing the waste.

Solid waste like plastics, papers, cardboards were sold to recycling units and the revenue generated from the solid waste was Rs. 42,200.

**2020-2021**

### **Solid Waste Management Report**

Due to the Corona Pandemic and the subsequent lockdown, vermi composting and organic composting were not functional. Solid waste like plastics, papers, cardboards were sold to recycling units and the revenue generated from the solid waste was Rs. 29,000.

**2021-2022**

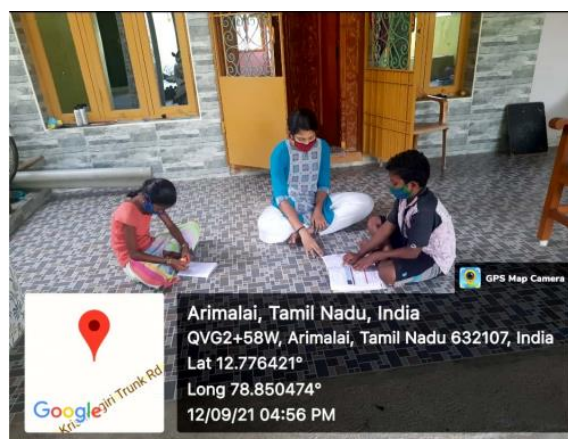
## **Solid Waste Management Report**

Due to the Corona Pandemic and the subsequent lockdown, vermi composting and organic composting were not functional. Solid waste like plastics, papers, cardboards were sold to recycling units and the revenue generated from Solid waste was Rs. 46,890.

### **Coaching School students of Neighbourhood**

Nearly 61 students carried out microteaching at home to nearby government school students to help them in their studies during the pandemic. 400 school students were coached through microteaching classes.

### **Coaching School students of Neighbourhood**



### **Microteaching at Home – Department of Chemistry**



**2022-2023**

### **Solid Waste Management Report**

Under the solid waste management project, Solid waste like plastics, papers, cardboards were sold to recycling units and the revenue generated from the solid waste was Rs. 37,216.

### **Coaching School Students of Don Bosco Matriculation School**

The students of Department of Chemistry volunteered to coach fifth class students of Don Bosco School, Katpadi. Nearly 50 students benefitted from this activity.

### **Inauguration of Coaching Class at Don Bosco School, Katpadi**



*Sr. Siva Sushila*

PRINCIPAL  
AUXILIUM COLLEGE (Autonomous)  
Gandhi Nagar, Vellore - 632 006.  
Vellore District, Tamil Nadu.