

## A Report on a Special Activity by Environmental Committee – Class XI

### Preparation of Natural Fertilizer for the School Garden

**Teachers Involved:** Ms. Bharani sri [In charge of Environment Committee] Ms. Eswari [In charge of School Garden]

**Date:** 19/12/25

### Introduction

As part of the Environment Committee's initiative to promote sustainable practices and environmental responsibility, the students of Class XI conducted a special activity on preparing natural fertilizer making a compost pit. The activity aimed to encourage waste management through eco-friendly methods and to develop practical awareness about recycling biodegradable waste.



### Learning Objectives

- To create awareness about waste segregation and management
- To understand the process of composting and preparation of natural fertilizer
- To promote eco-friendly and sustainable agricultural practices
- To develop teamwork, responsibility, and environmental sensitivity among students.

### Preparation for the Activity

Prior to the activity, teachers and students were informed well in advance and requested to bring biodegradable waste from their homes. The support of **the Head Maser of XI & XII Mr.A.K.Srinivasan** was immense in organising the day. The collected materials like fruit, vegetable peels, coconut shells, coir and other biodegradable materials were segregated. Necessary arrangements for the compost pit and materials such as vermi-compost and coco bricks were used for layers of the compost pit under the guidance of the teachers.



### Conduct of the Activity

On the day of the activity, the Environment Committee students actively participated and were divided into two teams to ensure smooth execution of the process.





- **Team 1** was responsible for cutting the collected biodegradable waste into smaller pieces. This step was important to speed up the decomposition process.
- **Team 2** worked on preparing the compost pit by mixing vermin-compost with coco brick and arranging the materials in proper layers.

The pit was prepared by layering the cut biodegradable waste along with vermi-compost, dry leaves, sticks and coco brick mixture, ensuring proper aeration and moisture balance. The students worked collaboratively and followed the instructions carefully.

### Interactive Questioning Session

An interactive questioning session was conducted by the **Director of the School, Dr. Ramesh** who engaged the Environment Committee students in a thoughtful discussion on composting, waste management, and sustainable environmental practices. The students confidently responded to the questions, explaining the process, materials used, and the benefits of natural fertilizers.

This enriching session was **witnessed by the Principal Ms. Padmavathi and Vice Principal Ms. Chitra**, who appreciated the students' knowledge, enthusiasm, and active participation. The interaction further motivated the students and reinforced the importance of environmental responsibility.



### Impact of the Activity

The activity had a positive impact on the students as it provided hands-on learning beyond the classroom. Students gained practical knowledge about composting and understood the importance of reducing waste and recycling natural resources. The initiative also encouraged responsible behaviour towards the environment and motivated students to adopt similar practices at home and in the community.

### Conclusion

The compost pit activity conducted by the Environmental Committee of Class XI was a successful and enriching experience. It not only enhanced students' environmental awareness but also reinforced the values of sustainability and teamwork. The natural fertiliser will be used in the school garden after 45 days. Such activities play a vital role in shaping environmentally conscious citizens for the future.