



CRITERION: VII. INSTITUTIONAL VALUES AND BEST PRACTICES

METRIC: 7.1.6 Quality Audits

YEAR : 2022 - 2023



### 7.1.6 . ENVIRONMENTAL PROMOTION AND SUSTAINABILITY ACTIVITIES

Sustainability effort helps to protect the environment and leaves a more promising future for the next generations. The environmental promotion and sustainability is enhanced by conducting various programme to enable the students get involved and inspired to take part such activities that aim at sustainable environment. It includes varying green ideas and innovative projects to limit the environmental impact.

Nowadays trees are cut down everywhere to improve the lifestyle of people ; agricultural lands are transforming into Apartments and plots; usage of vehicles is increased ; use of chemical fertilizers and exploitation of resources are increased – these have polluted the environment and have given an alarm about the increased emission of green house gases. The Government, NGOs and Private Organization are involved in promoting various schemes and insisting the educational institutions to provide awareness programme to mitigate the effect of pollution. The subjects related to environmental studies are also included in the curriculum.

**The following measures have been taken-up by the institution to promote the clean and healthy environment in the campus.**

1. The students are instructed to come by cycle instead of using bikes/motor vehicle, weekly twice, to reduce the vehicle emission.
2. The staff members are encouraged to use bikes instead of cars. This has become one of the sustainable practices followed by our college.
3. The dust-bins are labeled with degradable and non-degradable signage.

4. Students are allowed to dump only the recyclable material and instructed to avoid plastics and other wastes. Thus, they are instructed to maintain plastic free campus.
5. The Staff and students are motivated to use reusable bottles and plates to enjoy a sustainable lifestyle.
6. Wastes are periodically removed to avoid the over-flow of waste in the dust bins.
7. The office bearers of the student's union serve as the volunteers to instruct the students to keep their class rooms and campus clean.
8. Students are trained and practiced to grow organic garden. More particularly, botany students are enthusiastically involved in maintaining the garden in the college campus and also near the department to promote the healthy environment.
9. Both day scholars and hostellers are instructed to avoid food wastes which create bad and filthy smell.
10. The awareness and interests are inculcated in the minds of our students with the help of various competitions and awareness programmes to promote the sustainable environment.

The various environmental awareness programmes are organized by the **NSS and Eco club** in our college to promote the sustainable and friendly environment.

### **Best Practices of Zoology Department**

1. **Seed Balls distribution:** The zoology department students are involved in preparing seed balls and distributing them to the farmers in the nearby villages. The awareness was created among the farmers about the effect of environmental pollution due to urbanization in the global scenario. Motivation and self interest was built in them to plant more trees.
2. **Vermiculture and Azolla cultivation:** The vermiculture is practiced among students to motivate them to use organic manure for producing organic garden and minimize the usage of chemical fertilizer, pesticides and weedicides. In front of the department of Zoology, vermiculture and azolla cultivation has been maintained by the students.
3. **Fish culture:** To make a sustainable environment, fish culture has also been practiced among students. Gambusia and Tilapia fish culturing also take place in front of the Zoology laboratory.
4. **Bird Watcher Club:** The college campus was surveyed by the students to find out the biodiversity of various species in the college campus. The green campus initiatives

**with plastic free campus provide shelter to various species of birds. The students are taught to study the foraging behaviour of Birds by keeping the container with different variety of foods including cereals and pulses.**

# Environment Audit

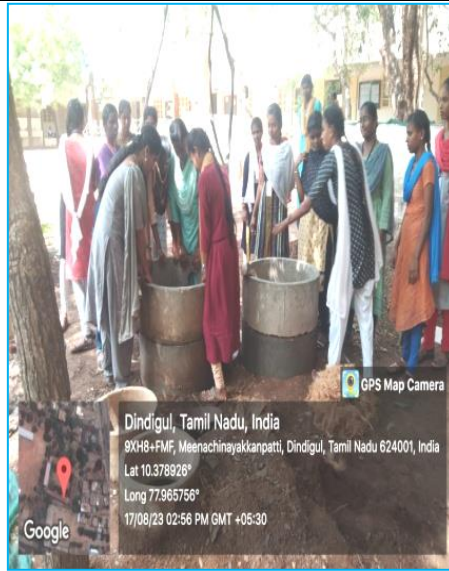
## Students involved in finding out the Foraging behaviour of Birds



## Fish Culture practiced in Zoology Department



# VERMICOMPOST



**Students involved in preparation of Vermibed**

## Beyond the Campus Environment Promotion Activities

### SEED BALL DISTRIBUTION TO FARMERS



### BEST PRACTICES OF BOTANY DEPARTMENT

The department of Botany organized various programmes to motivate the students to have environmental concern on reducing the impact of pollution.

The botany department students involved in “**plant survey**” and listed the number of plants in the botanical garden. The Staff of the Botany Department encouraged the students in cleaning activities and led them to clean the front areas of their department. In the science day celebration, they showed their active interests to collect and display many medicinal plants with their medicinal values. They display the medicinal values and importance of medicinal plants in front of the department every day. Students are trained in mushroom cultivation. Many indoor plants are maintained in front of the department and they are watered regularly.

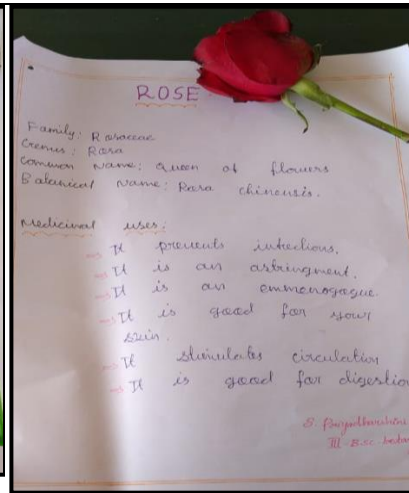
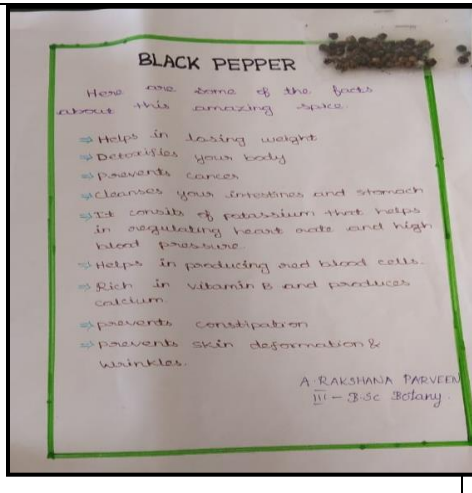
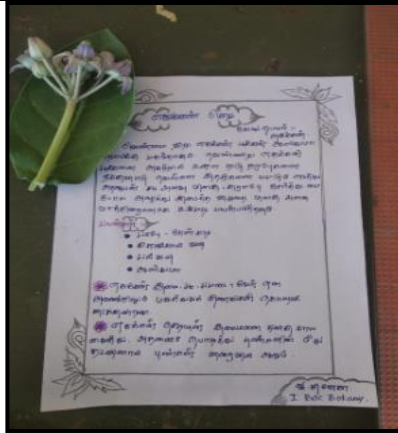
**BEST PRACTICES OF BOTANY DEPARTMENT-**



**Cleaning activities in front of their department**



## BEST PRACTICES OF BOTANY DEPARTMENT -

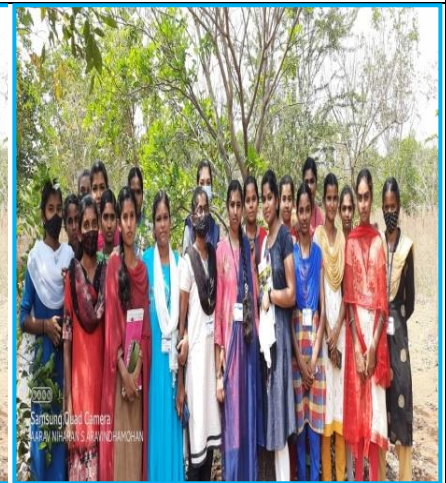
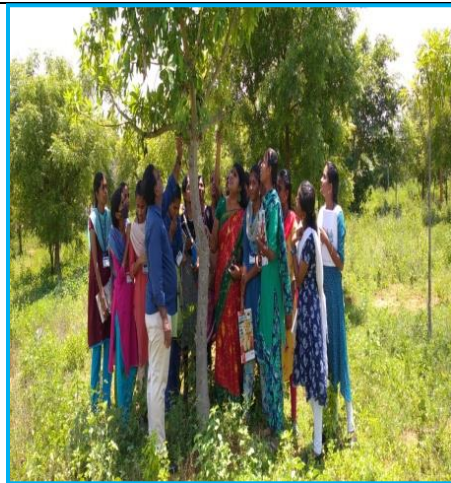


**Display of Medicinal plants with its medicinal values (in front of the Department)**

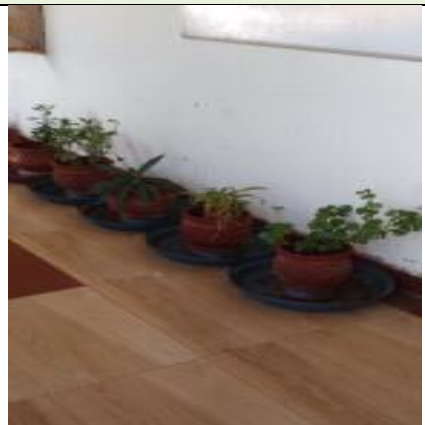
## BEST PRACTICES OF BOTANY DEPARTMENT- Mushroom Cultivation



**BEST PRACTICES OF BOTANY DEPARTMENT- Plant survey in the college**



**BEST PRACTICES OF BOTANY DEPARTMENT- Maintaining indoor and medicinal plants**



**Students of Botany Department are involved in the following Best Practices.**

- 1. Cleaning activities in front of their department**
- 2. Display of Medicinal plants with its medicinal values (in front of the Department)**
- 3. Mushroom Cultivation**
- 4. Plant survey in the college**
- 5. Maintaining indoor and medicinal plants**

## BEST PRACTICES OF COMPUTER SCIENCE DEPARTMENT

To maintain the sustainable environment, the department of Computer science has been taking the innovative practices through which the students are involved in doing campus cleaning programme and planting trees as a part of their regular academic activities. The department promotes the development of e-content in order to reduce the waste coming out of different kinds of papers, carbon paper, plastic covers, Aluminum foil covers and other papers so as to have a clean environment campus.

### 1. Computer Science Department - Campus Cleaning



**Students are involved in the campus cleaning programme**

## Practices of Computer Science Department

### 2. Environmental Initiatives





**Plantation along with the regular academic Activities**