

**Saifee Golden Jubilee Quaderia College
Burhanpur**

Institutional distinctiveness:

Saifee Golden Jubilee Quaderia College established in 1962 aims at providing comprehensive education to students belonging to all sections on the society. The college has many highlights which make it distinct from similar institutions. The declared objective of the college is to make the new generation capable of facing the multiple challenges of everyday life.

The college is different in its marvelous environment because of its evergreen surroundings, historical ambience and easy approachability our college has a beautiful botanical garden spread over a vast area and comprising of more than 270 varieties of plants including gymnosperm – cycas, insulin plant etc. The botanical garden and various activities under taken by the department of Botany makes it exclusively unique.

Green Auditing: Green Auditing is a very fundamental activity initiated by the department of botany. The green audit is conducted meticulously to update and improve the condition of the environment. Green audit is meant to ensure ecological balance and bio proliferation. Objective of carrying out green audit is to create awareness among the students about environmental protection. It is essential to understand the significance of creating fair and pollution free surroundings. It may be remembered that 60% of the total land area of the college is totally under the green umbrella and the remaining 40% is partially covered with green trees and plants.

Activities under Green Audit :

1. Regular sampling plantation programme.
2. Vegetative propagation method.
3. Identification of plants and trees.
4. Tagging and labeling of trees.
5. Inventory of Dead, Dried and Destroyed (3D) plants and trees.
6. Keeping audited plant records

Waste management: several types of solid waste produced in the campus are separated in the form of degradable and non-degradable wastes. Tree droppings leaves are a major waste generated in the campus which is managed by vermicomposting.

Vermicomposting: vermicomposting is done in an area of 3X8' : vermin-compost obtained by vermicomposting is used as manure in the garden.

Biowaste management: Twigs obtained by pruning, food waste generated in the premises and other degradable wastes are dumped daily in the bio compost pit.

Green House: Green House serves as teaching and research laboratory for our students and faculty. It is also used to produce annual and perennial plants for the campus garden. There is a diverse production plant in green house which meets the requirements of the curriculum.

Aquarium: An aquarium is a transparent container in which aquatic animals are kept along with aquatic plants, frogs, gravels etc. and it simulates natural environment.

Butterfly garden: An area of 10X10 feet is developed in order to attract butterflies mainly flowering plants are planted such as rose, sunflower, alyssum, petunia, vine, coleus, cosmos, begonia etc.

Poly house: The area required 20X40 ft and the following plants are planted such as beans, cabbage, carrot, cauliflower, pea, radish, tomato, corn, chili, ginger etc.

“One impulse from the vernal wood, May teach you more of man, of moral evil and of good, than all sages can.”