

### **7.1.6 *Quality audits on environment and energy are regularly undertaken by the institution***

College has developed green policy for its campus and has established guidelines for development of eco-friendly campus which includes the issues like waste management, carbon neutrality, energy conservation.

Greenery in college campus helps to reduce the heat in the premises. Irrespective of its urban surroundings, Institute has very lush green campus. Our college has a lush green eco-friendly campus with trees and well spread gardens all over. Maintenance of medicinal garden with variety of medicinal plants, plantation of ornamental plants and flowers. The college has framed out a green policy for its campus and has design guidelines for development of eco-friendly campus. A lot of dedicated effort is put in to make the campus eco-friendly. There are gardeners to carry out the horticulture work in the Institute.

Drip irrigation system for garden and lawns is used to save water. We have installed solar lamps in the campus to provide illumination for college entrance. The college has fixed fire extinguishers in the laboratory as well as in the corridors. The sand buckets are also placed in the laboratory as a safety measure. Field visits are arranged to create environmental awareness amongst the students.

Use of chemicals has been kept at minimum level by using lowest possible quantities of chemicals and organic solvents. Handling of chemicals which evolve toxic fumes is carried out in fuming chamber for safety of the students.

Utilization of paper is kept minimum by maintaining e-records. Initiative has been taken to make campus plastic free by discouraging use of plastic bags to minimizing environmental damage and risks associated with it. The college has taken many initiatives to make the campuses plastic free and technology is being used to minimize the paper use.

The power supply to electronic gadgets, fans, equipment and lights are being used only when required.

Various boards for creating environment consciousness are displayed and disposal of waste by burning is prohibited in the campus.

College encourages staff and students to use pooling of cars and vehicles to reduce emission of toxic gases.

Environmental awareness programs are arranged like rally and tree plantation programs are arranged. Nurturing plants is one of the non-academic pursuits that develop eco-concern among the students.

Efforts made by the Institution are:

- World environment day is on 5th June
- Seminars and workshops are arranged.
- Posters and articles are displayed.
- Ample amount of daylight and proper ventilation are provided in
- Buildings, classrooms and laboratories.
- Most of the LEDs and CFLs are used to save energy.
- Electrical devices are switched off when not in use.
- Computer monitors are replaced by LCD monitors to save energy.
- Students and faculties are encouraged to use staircase to minimize the energy consumption.
- Faculties and students are encouraged to work on energy conservation related projects.

The institute organizes events like tree plantation, gram swachata abhiyan, environmental pollution & control is one of the courses through which the students have to undergo during their studies.

### **Plantation- Botanical and medical significance**

- The institute has cultivated and maintained various species of plants having botanical and medicinal significance.
- The college has planted large number of plants throughout the campus to reduce atmospheric carbon dioxide level and keep the air in the campus fresh and clean.
- The institute has medicinal plant garden, to cultivate and maintain medicinal plants for educational and research purpose. Roadside plantation has been already in place.
- Our medicinal plant garden is divided in different sections like herbal garden, potted plants, lawn, etc.
- The objective of establishing this garden is to maintain the most common and important species of medicinal and aromatic plants which have significance in day-to-day primary health care.

- The study of drugs which are mentioned in the syllabus of savitribai phule pune university is majorly satisfied through our own medicinal plant garden.
- The medicinal plant garden of the institute has various specimens of crude drugs, such of ashwgandha, adulsa, ashoka, tulsi, gulvel, mango, kurchi, amla, almond, harde, kadhipatta, , ginger, etc.
- Various different activities are also carried out in medicinal plant garden like , plantation programme, maintenance of the existing and new plants .  
Shade giving plants are planted to keep the campus clean and pollution free.