

Environment Consciousness and Green Practices

Our institution attempts special efforts to install environmental awareness amongst students. We solidly trust that environmental awareness must lead to environmental action; the following exercises were embraced to reduce our ecological footprints:

- 1. Waste Management steps including:** Waste is hazardous to environment and health of people so it need to proper disposal or recycling.
 - **Solid waste management:-**Generally solid waste generated in campus is very less. It is food packages, papers, classrooms and office dust garbage are collecting in drop box placed in campus, dust beans in classrooms and offices. The sanitary napkins are especially collecting in drop box which are placed in changing room and ladies toilets. These collected solid wastes have been hygienically and safely transfer to Municipal Corporation for proper dispose and treatment.
 - **Liquid waste management:-**The liquid waste generated in laboratories of Botany, Chemistry and Microbiology are diluted with water and safely discharged in sewage channel of Islampur city.
 - **E-waste management:-** The E-waste such as old monitors, CPUs, electronic devices and scrap materials sent off for further recycling and appropriate disposal.
- 2. Rain water Harvesting:-** We have rain water harvesting system, our region receives only 300mm of average annual rain fall. Therefore, we are collecting the rain water from rooftop area around 5000 sq. feet of library and management studies building top floor. The rain water is collecting through tubes in a pit tank especially meant for filtration of rain water. A pit built up RCC tank having dimensions as 8.6 X 4.5 X 9 feet, divided by septum forming two compartments. The tank has inlet receive the rain water and outlet connected with water reservoir. The pit tank's inlet compartment has three layers, lowest layer has coarse gravel, second layer with bricks and upper consist coarse sand while other outlet compartment filled with charcoal. The rain water is collected in the pit tank and percolates down side in the water reservoir. The water reservoir has 100000 liters water capacities.

3. Green Practices

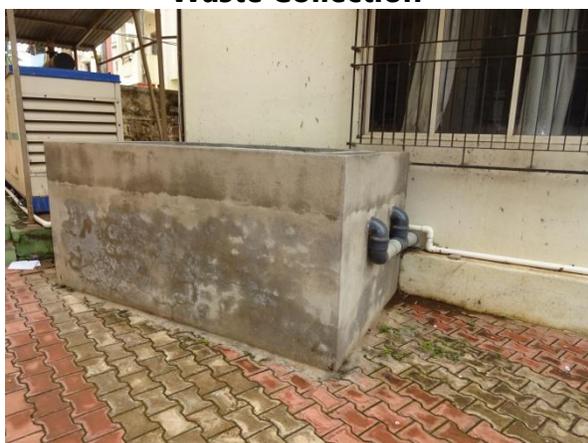
- **Students, staff using Bicycles, Public Transport, and Pedestrian Friendly Roads:** The college has been taking initiatives for green, pollution free campus and eco-friendly life styles through motivating students and staff for using bicycles, public transport and pedestrian roads. We have recorded that, 9.27% students using bicycles, 3.27% - motors and automobiles, 77.49% - public transports and pedestrian road and 9.96% - pedestrian friendly roads during 2016-17. Regarding staff, nearly 26.66% staff using public transport and pedestrian roads, 58.88% - motors and automobiles and 12.22% strictly utilizes pedestrian friendly roads. Our college organized Bicycle rally with collaboration with daily Sakal Newspaper and Giant group Islampur. College has been strictly celebrating 'No Vehicle Day' on every Saturday.
- **Plastic free campus:-**The efforts are underway to reduce plastic bags and bottles on campus.
- **Paperless office:** The office automation is with softwares through computers. We have been trying to reduce the paper from office work. Generally the notices for staff have been circulated through e- mails, mobile messages, college website, whats app.
- **Green landscaping with trees and plants:-** To keep the college campus 'Clean and Green', the college has been undertaken green campus landscaping initiatives. The college has around 2600 sq. feet lawn divided in to four sections. The hedges, edges, busy and large plants cultivated at margin of lawn. We have special wire house for roses, around 20 different roses in it. There are more than hundred trees, 35 broad leaved plants and other plants including medicinal, ornamental, bushy, climbers, cactus, palms in campus. The landscaping performs recreation and platform for students. Botanical garden posses the wide group of plants for purpose of study through practically.



Drop box placed in campus for Solid Waste Collection



Plastic Free Campus



Rain water harvesting system- Filtration Chamber



Rain Water Reservoir Tank



Green Practices- Green landscaping



Green Practices-Botanical garden