

INSTITUTIONAL DISTINCTIVENESS

Title: Maintaining Environment friendly attitudes and practices to ensure sustainability in all sections of Campus life.

A clean environment is a basic necessity of human beings for health and efficiency. Loyola Academy aims at imparting knowledge, creating awareness and developing an attitude of concern and to nurture necessary skills to handle the environmental issues and challenges. The semi urban region and green landscaping of Loyola Academy are the necessary features for shaping and sustaining an eco-friendly campus. The college is spread over 132.38 acres of lush green area. The campus is an abode of wildlife species such as chameleons, peacocks(200-300 in number), sparrows, migratory birds, different species of snakes, rabbits, different types of butterflies, insects etc.

College conducts Green Audit by external peers. The objective of the Green Audit is to promote environment management and conservation on the college campus and sensitize the students to the real concerns of environment and its sustainability. Department of B.Sc. agricultural Science and Rural Development has taken the initiative of labeling the plants on the college campus. There are about 91 identified species of trees, shrubs, herbs and climbers in the campus. There are about 2800 fully grown trees(10 years or more), 1200 half grown trees(below 10 years), 722 bushes, 1000 young trees and plants(below five years). The college has developed beautiful campus with lawns, ornamental garden, botanical garden, cactus garden as well as grapes, amla, avocado, breadfruit, jackfruit and many more.

Department of Agriculture Science and rural Development has developed Vermicomposting and General composting units on the campus. The objective is to create awareness of the solid waste management and recycle solid waste from the college campus and produce economically important manure. This manure is used for organic farming. The students then sell the manure and the organic farm yields to the staff and students at minimal price under the, “earn while you learn program”.

Borewell recharge pits are constructed on the college campus for harvesting the rainwater. Rain Water harvesting pits and check dams are used to interrupt the flow of water and flatten the gradient of the channel, thereby reducing the velocity during heavy rain. The Institution has set up four RO plants that are functioning well to supply pure drinking water to the college and to the hostels. Water that is pumped out from RO plants after the filtration process(Reject water) i.e hard water with excess of dissolved salts is stored in sumps and tanks and is used for gardening and plantation.

The College is using renewable energy like solar energy street lights along the roadside on campus. The capacity of college's Solar grid has been increased from 56 KW(225-275 Units a day) to about 153 KW (700-750 Units a day) to achieve 75% energy independence by the upcoming academic year, with a combination of energy conservation practices.

For proper disposal of solid, liquid and e-waste, college has made MOU with Recykal Pvt. Ltd. Signboards/ Posters are displayed on the college campus for encouraging ideas of plastic free campus and environmental awareness. The college organizes Seminars/ Workshops, Expert lectures etc on environment related issues. LED bulbs are installed in the college buildings to save electricity. Vehicles are not allowed inside the campus which is marked as a pedestrian only zone.. The staff and students park their vehicles in only the parking lot. Loyola Academy does not support installation of mobile towers in the campus as it hinders the survival of Sparrows and various migratory birds.

The objective of the audit is to measure carbon emission and determination of carbon footprint analysis. Out of total required, electric power consumption about 70.38% is met through the use of solar energy.

Green Campus initiatives are challenging so it requires determination and a long term cooperation from all stakeholders.