

INSTITUTIONAL DISTINCTIVENESS

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

Loyola Academy aims at imparting values in environmental ethics and sustainability. It 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 to promote environment management and conservation on the college campus. Department of B.Sc. Agricultural Science has taken the initiative of labeling the plants on the college campus. There are about 91 identified species of plants 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 a beautiful campus with lawns, ornamental garden, botanical garden, cactus garden as well as grapes, amla, avocado, breadfruit, jackfruit and many more.

Vermicomposting and general composting units on the campus are made to create awareness of the solid waste management and to recycle solid waste from the college campus to produce economically important manure. This manure is used for organic farming. The students then sell the manure and the organic farm yields at a minimal price under “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 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. 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 an 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 etc on environment related issues. Green corps cell in association with NCC conducts several plantation programs, environment outreach programs, awareness rallies on waste management, cleanliness drives, debate competitions etc. LED bulbs are installed in the college buildings to save electricity. Vehicles are not allowed inside the campus. Loyola Academy does not support installation of mobile towers in the campus as it hinders the survival of sparrows and other birds. Energy audit is conducted to measure carbon emission and determination of carbon footprint analysis. 70.38% of the electricity requirement is met through the use of solar energy.

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