



Green trail to empower a eco friendly generation

Kristu Jayanti College

Bangalore. Kristu Jayanti College, an autonomous institution affiliated to Bengaluru North University is increasingly proactive on green issues. This institution believes in preserving the planet for the next generation and has implemented myriad environmental strategies to inculcate environmental consciousness among its students and also to the local community. Recently, the college was rated as a Green Campus and certified with the 'GOLD RATING' from All India Council for Technical Education (AICTE) in collaboration with the International Institute of Waste Management (IIWM).

This NAAC 'A' accredited and nationally reputed institution's nine acres of campus envisages various eco-friendly practices that provide living lessons to its students. It includes:

Rainwater harvesting and water conservation

The college has rooftop harvesting facility, which collects around 50 lakh litres of water in tanks. Charcoal filtration technique is used to clean slit and remove other dirt particles deposited on roof during dry seasons. The collected water is then transported to the required areas through well-maintained water pipelines. The sensor taps and tap aerators are setup to ensure minimal water wastage in the toilets.

Solar energy harvesting and energy conservation

The college is harvesting an average of 50 kilowatts of electricity per day with the help of solar panels installed at

the rooftops of the buildings. This eco-friendly method of photo-voltaic conversion minimizes the dependency for power supply. To minimize power consumption, the college has an architecture that enables proper lighting and air circulation, LED bulbs and sensor lights are used inside the campus. Moreover, the college has tie-up with BESCOM in sharing the power generated within the campus and gives back unused energy during off days. Furthermore, the college provides charging facilities for electric vehicles like electric cars and bicycles, eliminating individual carbon footprints.

Floral biodiversity and Floral Conservation in the campus

The environment club of college conducted a bio survey of the campus and identified

two hundred species of plants belonging to 75 families. These details are clearly labeled for the benefit of the students and the list includes indigenous trees and 80 species of medicinal plants which are part of student research projects. Besides this, the college with the help of CSA (Center for Social Activity) has planted saplings in and out the campus for promoting conservational activities within and outside the territory of the college.

Waste disposal and ecological conservation

Kristu Jayanti College has an effective waste disposal system where the waste is segregated in separate coloured bins and disposed of in the right manner. The college has a unique method of collecting e-waste from students once in a year and transferring them to

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agencies for recycling them. This practice has made our students understand the detrimental consequences of e-waste and its role in health hazards" says Rev. Dr. Augustine George, Principal of the College, who masterminds the e-waste management in the college along with the implementation of green pedagogy.

Sewage Treatment Plant (SPT) with a capacity of 90 KLD that is recycled to water the entire flora in the campus. Vermi composting Plant along with a Biogas Plant supports the cooking needs of the Faculty quarters.

Paper waste management college has a MoU with ITC Limited for paper waste management and is recycling the academic waste generated every year. ITC accolades the dry waste recycling initiatives of the institution with certificates.

College takes green route

The college is educating its students to adopt good environmental practises.

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"We think beyond classroom lectures on environmental conservation, and want to educate the future generation as practising individuals. They should get the 'real experience' of sustainable practices when they are on the campus," says Rev Fr Josekutty PD, campus director.

The college has rooftop harvesting facility, and through which around 50 lakh litres of water is collected in tanks with a total capacity of 50,000 litres.

This collected water is

transported to the required areas through well-maintained water pipelines and is used for cleaning and toiletry purposes on the campus. There are solar panels installed on the rooftops of the buildings on the campus, the college is harvesting an average of 50 kilowatts of electricity in a day.

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