

Strategic Plan for Waste management and Eco-friendly campus 2012-16

A continuous qualitative improvement drive with special emphasis on enhancing the academic ambience and physical infrastructure is the highlight of the perspective plan formulated by the college. This is achieved by including the following items in the perspective plan:

- Attempts to empower the underprivileged classes through education
- Knowledge dissemination with special emphasis on the prescribed syllabi
- Extension activities through various cultural clubs that instill social responsibility, civic sense and environment awareness in students

From the long-term point of view the college plans to introduce new undergraduate and postgraduate courses. Also, the college is aspiring to transform its various departments into research centres. The IQAC formulates yearly plans to ensure and sustain quality in all levels.

Vision and Mission

The strategic plan for waste management envisages the standard delivery of an integrated, cost-effective, and environmentally sound solid waste management system, and to promote sustainable community programs and policies in the society. Creating awareness among the students and society as a whole in the matter of waste management. The mission of waste management and eco-friendly society has been accomplished by the coordinated efforts of NCC, NSS, Nature club, Bhoomithrasena etc.

Strategic Goals and Objectives

Strategic goals are practical manifestations of our general strategies. They usually encompass a multi-year scope. Strategic objectives are tangible targets for efforts or activity areas that are intended to be the means of achieving strategic goals.

1. Rain water harvesting structures and utilization in the campus
2. Facilitate the optimal use of waste management system in the college.
3. Deployment of students squad to ensure the misuse of the plastic in the College
4. Organize campaign and programmes to educate the need and importance of waste management in a society
5. Conservation of bio diversity

Strategies adopted and implemented

The implemented programmes over last 5 years include the area of rain water harvesting, ecofriendly campus, waste (solid ,liquid ,e-waste) management etc.

Rain water harvesting

The college is located in a water scarce locality where there is intense shortage of water during summer. To circumvent this situation, the college has adopted rain water harvesting strategies in the recent past. This has helped to replenish the ground water levels to significant levels. We have also submitted proposals to the UGC to install rain water harvesting systems in the building which will help to collect, filter and recycle rain water for use in toilets and gardens.

The Nature Club and Bhoomithrasena club educates the students about the Plastic misuse and has adopted proactive measures to reduce it. The students are encouraged to bring water in steel bottles instead of plastic disposable bottles. They are also encouraged to reduce the use of plastic carry bags.

To reduce the use of paper as a part of Green Campus campaign, all official communications including university circulars, mark sheets, etc are e-mailed to the faculty members and students

Waste management

Waste management is an area of high priority of the institution. Manly 3 types of wastes are accumulated in the campus - Biological waste including food and waste materials from the laboratories and class rooms. The students are encouraged to bring their lunch in tiffin boxes which eliminate the accumulation of food waste and plastic carry bags. The college also takes maximum effort to minimize solid wastes produced from the laboratories. For instance, the chemistry laboratory is implementing semi micro methods of analysis which significantly reduces the usage of chemicals during practical sessions. Double burette titrations are practices which are also a means of reducing chemical wastage. The college also ensures that banners of cloth are used during seminars and workshops to reduce the environmental impact.

Due to improper waste disposal systems the wastes heap up and become a problem. This type of dumping allows biodegradable materials to decompose under uncontrolled and unhygienic conditions. Through the installation of waste disposal ring the institution addressed the issue of waste to a greater extend .In addition to this waste baskets are installed in the key areas of the campus to reduce the litter .NSS extended the programme initiated in the college to the nearby panchayat (PARAKULAM) and initiate a programme for the promotion of pile composting .

NCC, NSS and Bhoomithrasena jointly participated in campus cleaning activity on a regular basis .NCC and Nature club also coordinated various initiatives in connection with waste management.

As part of the plastic free campus programme in coordination with Mathrubhumi daily, organized a programme named "Love Plastics" to create a culture among the students to reduce the use of plastics. As an outcome of the programme the plastic wastes are collected from the campus regularly, segregated, cleaned and handed over to the Panchayath workers.

The e-waste arising from various departments including computer monitors, printers and other peripherals are collected and segregated. The segregated waste is then handed over to Clean Kerala Company Ltd which is an initiative of the Government of Kerala for the systematic and scientific disposal of e-waste.

The major source of liquid waste is from toilets and canteen and laboratories. All these waste materials are systematically drawn to drains which are collected in septic tanks.