



YENEPOYA INSTITUTE OF TECHNOLOGY

ENVIRONMENT SUSTAINABILITY POLICY

Yenepoya Institute of Technology

Environment Sustainability Policy Document

Policy statement:

The Green Campus policy integrates environmentally friendly practices into education, fostering a culture of sustainability and eco-consciousness that extends both within and beyond the campus environment.

Scope of the policy:

This policy is applicable to the entire campus of YIT covering academic area, hostel, and canteen.

Objectives :

1. Yenepoya Institute of Technology aspires to establish a self-sustaining tradition focused on power, water, and cleanliness domains.
2. The combined efforts of faculty, staff, and students are aimed at cultivating an environmentally conscious and sustainable campus, while also promoting the ethics of eco-friendliness within the local community.
3. Foster a heightened understanding of ecological concerns among faculty, staff, students, and the general public, pertaining to diverse environmental challenges.
4. Safeguard the natural world and its resources in the vicinity, and educate the faculty, staff, students, and local residents on adopting an eco-friendly lifestyle.
5. Yenepoya Institute of Technology aims to foster a culture of zero waste management within its campus community.

Implementation Approach:

To drive the execution and monitoring of the Environmental Sustainability policy, the Environment and Green Campus Committee has been established.

Yenepoya Institute of Technology remains steadfast in upholding its responsibility to advance environmental sustainability across its campus. Embracing the principles of a green campus, we aim to pioneer a transformative environmental culture by nurturing ecological values among our students and staff. This pursuit involves forging sustainable co-existence with our surroundings, aligning with societal and economic imperatives.

Our endeavors for enhanced environmental performance are concentrated on the following key domains:

1. Green & Clean Campus
2. Solid Waste Management
3. E-Waste Management
4. Liquid Waste Management
5. Maintenance of Water Sources
6. Water Conservation And Management
7. Landscaping With Trees And Plants
8. Energy Use And Conservation
9. Restricted Use of Vehicles
10. Prohibition of Single-Use Plastics Within The Campus
11. Green Auditing Processes

This strategic approach underlines our commitment to cultivating an ecologically balanced and sustainable campus environment.

Green & Clean Campus:

Students, staff, and faculty are expected to keep the campus clean and neat. To make this easier, trash bins will be placed at different spots around the campus. The campus will also feature quotes that highlight the significance of a clean and eco-friendly environment. A dedicated gardener and support staff will be hired to ensure the campus stays clean and green all the time.

Solid Waste Management:

The college will focus on producing as little waste as possible. Waste like leftover food and paper will be separated from other materials like plastic and metal. Different coloured bins will be placed around the campus for wet waste (like kitchen waste), dry waste (like paper), and other materials. Kitchen waste will be given to a poultry farm as animal food and the rest will be given to the local recycling system. The college will also have a special area where plant and tree waste will be collected, composting and turned into fertilizer for the campus gardens.

E-Waste Management:

The rapid expansion of electronic devices has brought about the challenge of their proper disposal. Technological progress has accelerated the growth of

electronic waste (e-waste) due to frequent upgrades by students, faculty, and administrators. The institute will establish a service agreement for E-Waste Disposal. This encompasses all forms of electronics, including IT equipment such as Desktops, Monitors, Laptops, Servers, Modems, Converters, Multiplexes, Switches, CPE telecommunications equipment, network equipment, printers, faxes, copiers, scanners, batteries, electronic storage media, toners, and any other related electronic equipment. These items will be recycled or disposed of in compliance with Government regulations. The commitment extends to reducing carbon emissions by employing suitable software for efficient usage.

Liquid Waste Management:

To conserve potable water and enhance wastewater management, a Sewage Water Treatment Plant (STP) will be established. The treated and purified water from the STP will be employed for landscape irrigation within the campus. This innovative approach avoids the contamination of potable water and ensures effective water conservation. Regular maintenance of the STP will be conducted to guarantee proper water treatment and purification.

Maintenance of Water Sources:

Water is elixer for life, just like air. To make sure we always have enough water, we need to manage it carefully. We teach students about saving water because it helps them in the long run. Our plumbers will fix leaks quickly to stop water from being wasted. We'll take good care of our water pumps too, so we don't use too much water. We have many wells with systems to collect rainwater, so we have enough water for everyone. We will also build big tanks to store water and always have some extra. Bore wells shall undergo regular flushing and maintenance as part of our policy.

Water Conservation and Management:

A rainwater harvesting system will be established to cater to the water needs of the college campus. An appropriate storage facility, such as a reservoir or bund, will be constructed on the campus. The collected rainwater will be allowed to percolate into the ground to enhance the groundwater table level. Rainwater harvesting pits will be strategically positioned near water bodies like wells and borewells to recharge groundwater. The institute will actively promote importance of rainwater conservation among students, staff, and the local

community. Ongoing monitoring of waste management activities will be conducted by the committee, with regular checks and maintenance. Observations & suggestions will be periodically submitted to the principal. Any recommended improvements by the principal and Administrative Officer will be implemented as needed.

Landscaping with Trees and Plants:

The College's National Service Scheme (NSS) team will organize an annual tree plantation program within the campus. Both faculty and students are encouraged to participate in the "Vanamahotsava" initiative. Students and staff members are expected to lead and engage in tree plantation drives on campus and beyond. Regular environmental awareness initiatives like Vanamahotsava and Earth Day will be organized. The execution of the One Student One Tree program is underway. Ecoclub sensitizes students towards environment consciousness & implements green initiatives. Reports outlining these activities will be submitted to the principal for approval.

Energy Use and Conservation:

Regular energy audits of the college's electricity consumption will be conducted. These audits aim to assess energy consumption levels and identify appropriate conservation strategies. The institute will progressively implement alternative energy sources as part of its energy conservation efforts.

Restricted Use of Vehicles:

To align with environmentally conscious practices, the entry of vehicles into the college campus will be minimized. Movement of student vehicles within the campus will be restricted. Vehicles will be parked near the main gate rather than close to the academic block. In accordance with the Green Policy, only staff members will be allocated parking space for their private vehicles, while the majority will rely on college transportation.

Prohibition Of Single-Use Plastics Within The Campus :

Yenepoya Institute of technology will adopt measures and revise policies to establish a cleaner, plastic-free campus. In line with VTU guidelines issued to educational institutions on November 30, 2018, the college will inform students and stakeholders about the implementation of a ban on single-use plastics on

campus. Students and faculty will receive education about the adverse effects of plastic usage. Effective plastic segregation will occur during the collection stage. Collected plastics will be directed to the on-campus recycling facility for transformation into useful products. The institution will conduct awareness programs through its Student Outreach initiative, focusing on the detrimental impact of single-use plastics. Students will be mandated to refrain from bringing non-biodegradable plastic items like bags, cups, plates, water bottles, straws, and sachets. The college will facilitate eco-friendly alternatives such as stainless steel, washable, and reusable tumblers at water points.

Green Auditing Processes:

The college will conduct regular Green Audits to establish a framework for Environment Sustainability in alignment with relevant regulations, policies, and standards. A dedicated gardener and full-time staff will be appointed to ensure the upkeep of a clean and environmentally friendly campus. The Green Audit process will involve collecting and implementing audit reports from the appointed agency.

Continuous Improvement:

For a green and clean campus environment, a gardener and sufficient support staff will be hired to maintain a litter-free and vibrant campus. College administration, including the Administrative Officer, will conduct routine visits to oversee and regulate campus cleanliness.