



CIMAGE Professional College

(An Unit of Vijayam Educational Trust, A registered Non-Profit, Public Charitable Trust)
An Affiliated College under Aryabhata Knowledge University, Patna



College Code - 310

Ref. EGP/CPC/2023/04

Date 21/06/2023

Environment and Green Policy

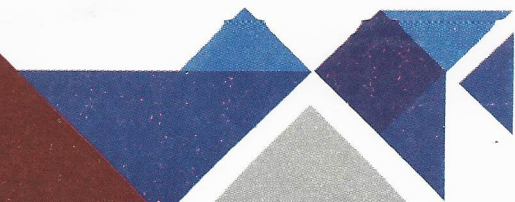
The college has adopted the 'Go Green' initiative for environmental, conservation and sustainability. There are main three pillars i.e. zero environmental foot print, positive impact on occupant health and performance and 100% alumnae demonstrating environmental literacy. The 'Go Green' has been active since last few years both inside and outside the campus through active participation of staff and students. A clean and healthy environment aids effective learning and provides a conducive learning environment. There are various efforts around the world to address environmental education issues. Green auditing is one among them for educational institutions.

The "Go Green Drive," organized by institution, represents a concerted effort to foster environmental consciousness and sustainable practices among students, faculty, and the wider community. With the help of such initiatives, we are trying to sensitize our students regarding global environmental challenges, such as climate change, pollution, and resource depletion and their consequences. The Go Green Drive typically encompasses a variety of activities designed to educate and engage our students in environmental stewardship. One of the primary objectives is to raise awareness about the importance of sustainability and the practical steps individuals and communities can take to reduce their environmental impact. The educational aspect of this activity often includes workshops, seminars, and lectures led by experts in environmental science, policy, and advocacy. These sessions provide valuable knowledge on topics like waste management, energy conservation, and sustainable living practices.

The Policy of College is to manage energy in such a systematic way so as to minimize its impact on the environment. Green Campus Committee of college is devoted to the cause of environmental awareness, to undertake green initiatives, and to conduct green literacy programmes to save energy and to protect the environment.

Objectives:

H.No.-1/4, In front of A.N. College,
Vivekanand Marg, Boring Road, Patna - 800 013
Phone /Fax- 0612-2541443, 9334206364
E-mail : info@cimage.in



- To sensitize all stakeholders towards a Clean, Green, and Sustainable Environment.
- To help the students/Faculty understand each individual's responsibility to take an initiative to save the environment.
- To work with all stakeholders and the local community to adopt environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.

Initiatives to Maintain a Green Campus

- Plastic Usage Reduction: Continue efforts to minimize plastic use.
- Landscaping: Enhance campus surrounding with greenery through tree planting.
- Drip Irrigation: Implement drip irrigation systems for efficient water use.
- Rainwater Harvesting: Develop rainwater harvesting systems
- Waste Management: Implement comprehensive waste management systems.

Awareness Initiatives Sensitization:

- Educate all stakeholders about environmental conservation.
- Departmental Activities: Engage departments such as Go-Green initiative, in sustainability activities.
- Student Involvement: Encourage student participation in campus sustainability efforts, including tree planting.
- Medicinal Plant Distribution: Distribute medicinal plants to guests and employees on special occasions.
- Plastic-Free Promotion: Continue promoting a plastic-free campus through various initiatives.

Energy Conservation Policy

Energy is indispensable for the progress of both Nation and organizations. With its cost being a significant concern for both sector, Compared to Japan, the USA, other Asian countries, and the global average, our nation has a higher energy intensity. This metric reflects a country's development level and its energy efficiency. Currently, about 70% of our energy needs are fulfilled by generating electricity, mainly through thermal power stations, which primarily rely

on burning fossil fuels—a major source of environmental pollution. The Energy Conservation Act of 2001 was established to enhance energy efficiency and decrease energy intensity, underscoring the crucial aim of achieving sustainable growth. The narrative underlines the interconnection between energy, environmental preservation, and ecological balance as foundational to this goal. Energy management is described as the careful and effective utilization of energy to ensure that necessities are met without compromise, aiming at augmenting profits while curtailing environmental harm.

The document points out the significant opportunities for energy saving that lie in implementing energy management strategies across every economic sector. Raising awareness about energy conservation at every level is deemed essential for motivating participation in these programs, which serve not only as a strategy for businesses in managing energy but also as a step towards sustainable environmental stewardship. Energy audits are highlighted as key instruments for uncovering opportunities for energy savings, blending technological and economic considerations into actionable strategies. Ultimately, the emphasis is on the necessity of proficient energy management, heightened awareness, and the adoption of conservation practices to ensure environmental sustainability and protection.

Our objective is to reduce energy usage through the utilization of energy-efficient

- Equipment and maximizing reliance on sunlight, natural ventilation, and energy alternatives.
- Optimize the utilization of renewable energy sources.
- Foster awareness regarding energy conservation.

Plan to optimize energy resource management through the adoption of cleaner and more efficient technologies.

- Educate faculty, students, and staff to position the institute as a leader in energy conservation practices.
- Enhance awareness of energy conservation and conduct frequent in-house energy audits to pinpoint opportunities for saving energy.
- Aim for the optimal use of solar energy within the campus.
- Transition from traditional lighting to LED technology to conserve energy.
- Implement energy-saving measures such as reduction, reuse, and recycling wherever feasible.
- Organize webinars, seminars, and conferences focusing on environmental and energy conservation topic.

Objectives of Energy Management:

- Enhancing energy efficiency will lower both energy use and expenses.

- Mitigate environmental damage
- . Strive for energy conservation on campus.
- Embrace renewable energy sources. • Energy Management Principles: Obtain energy at the most economical rates
- . Employ energy with maximum efficiency. • Utilize low-cost investments.
- Embrace the principles of reduce, reuse, and recycle.
- Emphasize the utilization of renewable energy sources.

Save Energy Tips for Students and Staff:

- Disconnect all appliances when not in use.
- Go for LED lighting.
- Power down the system entirely instead of just logging off, when feasible.
- Turn off unneeded lights and make the most of natural daylight.
- Ensure lights and fans are turned off in classrooms, lecture halls, labs, and seminar rooms when they're empty.
- Operate air conditioning only when necessary
- Backup supply arrangements are provided to the entire campus by the installation of a diesel generator

Water Conservation Policy

Introduction The primary goal of the policy is to ensure the provision of safe and clean water throughout the entire campus. The college is committed to implement water-efficient practices and engaging both students and staff in our water sustainability strategies. This has been achieved through the use of water-efficient fixtures, rainwater harvesting, and smart water conservation practices.

Water Conservation Practices

- Rainwater Harvesting Considering the college's location in a rain shadow area, measures have been taken to overcome water scarcity and ensure a permanent water supply. The water collected from the rooftop area of the college building is directed into water storage tanks and open well. Rainwater harvesting has significantly benefited the college in mitigating water scarcity.
- Maintenance of Water Distribution System Water distribution is managed through a well-equipped system of pipes, with a drip irrigation system in place for efficient water use. Drinking water is treated through the process of Reverse Osmosis (RO) and supplied via a water-cooling system. High-quality plumbing fixtures are used to

minimize water wastage. Regular inspections of machinery are conducted to maintain the efficiency of the water distribution system.

- **Water Storage and Distribution** Overhead tanks are installed for the storage and uniform distribution of water across the campus. The college addresses any leakages immediately and performs periodic maintenance to prevent water loss.

Water Conservation Facilities

- **Rain Water Harvesting** The college has a rainwater harvesting system that collects rainwater and directs it to open-well.
- **Maintenance of Water Distribution System in the Campus** The college has a drip irrigation system and sprinkler for landscaping and plantation on the college campus and botanical garden, which helps to save water.
- **Awareness and Education** Students and staff are regularly educated and sensitized about water conservation practices to foster a culture of sustainability within the campus community.

Beyond the campus environmental promotion activities

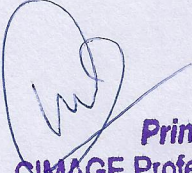
A significant component of the Go Green Drive is the promotion of eco-friendly habits. To raise awareness, the institution organizes recycling campaigns, encouraging students, employees and staff to segregate waste and recycle materials like paper, plastic, and glass. In addition, e-waste collection drives are common, offering a responsible way to dispose of old electronic devices. These activities not only reduce waste but also serve as practical demonstrations of how small actions can collectively make a substantial difference.

Tree planting events are another hallmark of the Go Green Drive. Students plant trees in and around the campus or in nearby community areas. These events serve multiple purposes like they provide a hands-on experience of environmental care, enhance green cover, and contribute to the reduction of the institution's carbon footprint. Tree planting also symbolizes a commitment to the future, as it directly supports the ecosystem by improving air quality and providing habitats for wildlife.

The Go Green Drive often extends beyond the campus, involving collaborations with local communities, NGOs, and government bodies. These partnerships can amplify the impact of the initiatives, providing resources, expertise, and broader platforms for advocacy. Community engagement is crucial, as it helps bridge the gap between academic knowledge and practical application, ensuring that sustainability efforts have a lasting and widespread impact.

The success of our Go Green Drive depends significantly on the active participation and enthusiasm of the academic community. Engaging students is particularly vital, as they are not only the primary audience but also the future custodians of the environment. Programs like student-led environmental clubs, green certifications for sustainable practices, and competitions can foster a culture of environmental responsibility that persists long after the event concludes.

A Go Green Drive organized by our academic institution is a multifaceted initiative aimed at promoting environmental awareness, fostering sustainable habits, and engaging the community in meaningful actions. By sensitizing and encouraging eco-friendly practices, we are also helping our community to get awareness about its positive and negative impacts. Such drives contribute to the broader global effort to protect and preserve our environment. They also cultivate a sense of responsibility and empowerment, showing that everyone can play a part in building a more sustainable future.



Principal
CIMAGE Professional College
1/4, In Front of A.N. College
Vicekanand Marg, Boring Road, Patna-1