



# GURUGRAM GLOBAL COLLEGE OF PHARMACY GURUGRAM

Approved by AICTE, Govt. Of India & Pharmacy Council of India  
Affiliated to Pt. B.D Sharma University of Health Sciences Rohtak  
Affiliated to Haryana Board of Technical Education

## 7.1.2

**The Institution has facilities and initiatives for**

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**



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**Policy document on the green campus/plastic free campus**

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## Green Policy (Policy on Environment and Sustainability)

### PREAMBLE

The NEP 2006 serves as a vital instrument for translating the constitutional commitments of Articles 48A and 51A(g) into actionable policies and practices. By aligning its objectives and strategies with these constitutional provisions, the NEP reinforces the collective responsibility of the State and citizens in safeguarding the environment. This holistic approach is crucial for achieving sustainable development and ensuring a clean and healthy environment for current and future generations.

Articles 48A and 51A(g) of the Indian Constitution, which commits to a clean environment, are reflected in the National Environment Policy (NEP), 2006. NEP emphasises that only development that complies with social justice requirements and ecological restrictions can be considered sustainable. The NEP set a few rules and takes a holistic approach to our environmental concerns. The NEP promotes both institutional and individual engagement in order to preserve and improve the quality of our environment since it acknowledges that preserving a healthy environment is not just the state's responsibility but also that of every person.

Gurugram Global College of Pharmacy expresses its commitment to fostering an environmental responsibility culture both inside and beyond the college campus in compliance with NEP 2006. The education of its students is the main goal of Gurugram Global College of Pharmacy. The College's concern for the care of its natural surroundings is one part of this education that is demonstrated via its activities. Environmental stewardship is a responsibility that Gurugram Global College of Pharmacy must uphold. For example,

- 1) reduce its contribution to the deterioration and depletion of natural resources,
- 2) to employ green resources more often; and
- 3) should take into account additional steps that might improve the natural setting in which we live.

The Policy on Environment and Sustainability will be crucial in creating an economically and ecologically viable campus that represents the ideals of involvement and accountability held by the college.

The Policy on Environment and Sustainability will guide the creation of priorities and the implementation of choices regarding the production and use of energy, the use, and development of our grounds, the building, modernization, maintenance, transportation, and material usage.

## CONTEXT

**Gurugram Global College of Pharmacy** is committed to practice and maintain high environmental standards in all of its activities, including teaching, research, and community involvement. The college is more ecologically conscious and has earned a reputation as a responsible institution. The biodiversity with a lush green vegetation and fauna with an equally maintained herbal and plant gardens is a testament to our credentials for maintaining high environmental standards.

## PURPOSE

The purpose of this policy is to foster a sustainable campus environment that minimizes the ecological footprint of our college community, promotes environmental stewardship, and integrates sustainability into all aspects of college life.

The Environmental and Energy Policies of the college is made to provide an overview of the College's vision to minimize the environmental impacts of its activities and operation and sustainable management of the available resources. The policy statement highlights how the college would pursue environmental best practises and inspire the sustainable use of resources at the community level within and outside college premise. It lays out the concepts, delineate priority areas, and methods for the college's environmental plans' implementation, management, and evaluation. Its goal is to reduce energy and raw materials consumption that could jeopardize the sustainability measures being taken at college level. This policy will communicate the College administration's goals and objectives to College employees, students, and staffs, as well as aid in the creation of a better environment for future generations.

## SCOPE

This policy applies to all members of the college community, including students, faculty, staff, and visitors. It encompasses all college operations, facilities, and activities.

## VISION STATEMENT

Our college is committed to becoming a leader in environmental sustainability, promoting practices that enhance ecological health, social equity, and economic viability for current and future generations.

## GOALS AND OBJECTIVES

- ❖ **Reduce Carbon Footprint:** Achieve a measurable reduction in greenhouse gas emissions through energy efficiency, renewable energy, and sustainable transportation options.
- ❖ **Waste Reduction and Management:** Minimize waste generation through reduction, reuse, recycling, and composting initiatives.
- ❖ **Water Conservation:** Implement practices to reduce water usage and enhance water quality on campus.
- ❖ **Sustainable Procurement:** Prioritize purchasing goods and services that are environmentally friendly and ethically sourced.
- ❖ **Curriculum Integration:** Incorporate sustainability into academic programs, encouraging research and projects focused on environmental issues.
- ❖ **Community Engagement:** Foster a culture of sustainability by engaging the campus community through education, events, and collaborative initiatives.

## OBJECTIVES OF GGCP

1. Use the semester long course-curriculum to promote education for the multidisciplinary nature of environment and sustainable development.
2. The College will attempt to train its personnel and develop knowledge of environmental issues and the environmental effects of its activities among academic staff, students, and other users.
3. The college's respective committees will formally monitor the work done on sustainability projects/initiatives, measure their progress, and report on their accomplishments.
4. The university will continue to comply with environmental legislation in order to reduce its environmental effect by pursuing a number of goals, including plantation, water management, energy conservation, solid waste management, air quality management, and carbon footprint reduction.
5. Develop and maintain an ISO: 14001 environmental management systems as well as an ISO: 50001 energy management system.

6. Actively collaborate with local groups in the areas of environment, energy efficiency, and sustainable development by engaging in communication with government agencies, municipal corporations, and affiliating colleges.
7. Promote environmental assessment initiatives.
8. Raise awareness about keeping the campus clean and green.
9. Establish sustainable practises on campus and among stakeholders.
10. Ensure the long-term viability and environmental protection of the organisation.
11. Take initiatives that are friendly (clean fuel, renewable resources etc.)
12. Reduction in resource consumption
13. Financial savings via reducing resource use
14. Practical experience which enriches the curriculum
15. Improving/updating the institution's profile
16. Instilling in young people an environmental ethic and value system
17. Conduct audits to identify areas for improvement and make recommendations.
18. Teach sustainable development to students from all disciplines.
19. Promote sustainable development research and knowledge dissemination,
20. Green campuses and support local sustainability efforts, and
21. Engage and share information with worldwide networks
22. Implement carbon-neutral policies.
23. Increased environmental promotional events on campus to raise awareness.
24. Establishment of an environment/green committee to oversee eco-friendly projects oncampus and in the surrounding area.
25. Introduce innovative technologies to make efficient use of energy resources.
26. Use of renewable energy sources.
27. Optimize your energy usage and costs.
28. Reduce, Reuse, and Recycle are the three R's.
29. Conduct internal energy audits on a regular basis to find energy-saving options.
30. The Institution Energy Audit/Management Cell manages regular monitoring and follow-up procedures to ensure effective implementation at department levels.
31. To make the Institute a role model in the area of energy conservation, train teachers,non-teaching staff, students, and housekeeping staff.
32. Encourage your faculty members to become Certified Energy Auditors and Managers.
33. Establish relationships with businesses and conduct a comprehensive energy audit.
34. Encourage people from all walks of life to be aware of the importance of energyconservation.
35. Review the Policy at least once a year.

## STRATEGIES

### Energy Management:

- Conduct energy audits to identify opportunities for efficiency improvements.

- Invest in renewable energy sources (e.g., solar panels).

### **Waste Management:**

- Implement a comprehensive recycling program.
- Establish composting initiatives in dining facilities.
- Conduct waste audits to identify reduction opportunities.
- The college will strive to limit waste creation in all possible ways, including reducing the procurement of new materials, reusing and recycling existing materials, and, if this is not possible, disposing of garbage in a manner that has the least environmental impact.
- The usage of plastic is prohibited on campus.
- Waste containers/Dustbins are positioned where they are needed.
- Composting of solid waste from canteens, guest houses, and hostels.
- Hazardous and E-waste must be handled, transported, and disposed of properly.
- Hazardous chemicals and toxic hygienic compounds will be used as little as possible at the college.
- As the final stage in solid waste reduction and a way to turn waste into a resource, the college has committed to a comprehensive recycling programme.
- It will separate, recycle, and utilize its solid wastes, as well as build a waste-to-composting and bio-mass resource recovery programme.
- Engage in the 3Rs of environmental friendliness in a systematic way (Reduce, Reuse and Recycle).
- Collect and recycle paper waste generated on campus in collaboration with scrap merchants.
- Develop a technology-centric educational and administrative strategy to reduce solid waste.
- Supporting the digitization of attendance and internal assessment records reduces the consumption of paper.
- Update the college library's e books and e journals collection to reduce the need for printed books.
- Encourage students and teachers to utilize email to submit assignments.
- Take steps to raise student knowledge about food waste and strategies for reducing it.
- Minimizing the usage of packaged foods, as well as the habit of reusing and recycling non-biodegradable items
- Organizing solid waste management workshops for students.

### **Water Management:**

- Install low-flow fixtures and promote water-saving practices.
- Monitor water usage and set reduction targets. Use effective management strategies to conserve water and reduce its use.
- Use of least amount of water possible in accordance with its activities, and it will ensure



- that the water it uses is both provided and disposed of in the purest possible condition.
- A continuous water conservation programme would be implemented to track use, prevent leakage, and remove excessive or unnecessary use.
  - Installing rainwater harvesting systems in all campus buildings for ground water replenishment and water self-sufficiency.
  - It will also support artificial recharge and the resurrection of traditional groundwater recharge processes.
  - Encourage reporting leaks and swiftly repairing them.
  - Employing a caretaker to take quick action to stop any water leaking from taps, pipelines, tanks, and toilet flushes, among other things.
  - The institution shall promote efficient water use techniques, such as sprinkler or drip irrigation, in its gardening activities.
  - Conserve water by building more Indian-style toilets rather than western-style toilets.
  - Grease trap mechanism prevents the release and mixing of foil from the college canteen liquid waste in the municipal drainage system.
  - The Biochemical Oxygen Demand in the effluent waste water produced by the college canteen is thus lowered.
  - In washrooms, waste water created by a reverse osmosis (RO) system is reused.

#### **Transportation:**

- Promote the use of public transportation, biking, and walking.
- Develop carpooling initiatives and provide incentives for sustainable commuting.

#### **Sustainable Purchasing:**

- Develop a procurement policy that prioritizes sustainable products.
- Collaborate with vendors to source local and environmentally friendly materials.

#### **Education and Outreach:**

- Organize workshops, seminars, and events focused on sustainability.
- Create a sustainability office to coordinate initiatives and provide resources.

#### **E-waste Management**

The college assures that its technological use and e-waste output have no negative influence on the environment. The college intends to work toward the following goals:

- More arrangements for the disposal of institutional e-waste.
- Working with e-waste recycling firms to recycle electronic waste.
- Awareness among students about e-waste reduction and environmentally responsible-waste disposal techniques.
- Encouraging e-waste management initiatives at the departmental and societal levels.

## Air Quality monitoring and management

- Maintain good green cover to enhance CO<sub>2</sub> sequestration from campus.
- On campus, there is a National Ambient Air Quality Monitoring Station (NAMP) of the Central Pollution Control Board, which helps to improve CO<sub>2</sub> sequestration.
- No vehicle day in a month to be initiated.
- To reduce dust, open places with lawn and grasses should be used.

**Clean Air Initiatives:** Our students and employees are encouraged to take public transportation. We promote carpooling to college as a way to reduce pollution while also increasing social engagement. Automobile access is restricted on campus in order to discourage the usage of personal vehicles.

**Smoking Free Campus:** The College prohibits smoking and the use of other tobacco products in accordance with the framework given by the National Tobacco Control Programme (NTCP) 2007-2008. The college's anti-smoking committee guarantees that the anti-smoking policy is followed.

**Transport:** The College will take steps to reduce the negative consequences of its traffic on the environment. All faculty, staff, and students will be encouraged to walk, ride bicycles, or take public transportation to and from the college, as well as between its campuses and outdoors the campus, and will be discouraged from using single occupancy private vehicles.

## Reduce Carbon Foot Prints

Encourage the implementation of many carbon-reduction measures.

- Energy-efficient green building designs that monitor temperature and outside light.
- Implementing the Reduce, Reuse, and Recycle (RRR) approach to achieve zero waste.
- Green computing to cut down on paper usage.
- On-campus “No Vehicle Day” and the use of electric vehicles.
- Use of energy-efficient lighting and equipment.
- An increase in the amount of greenery on campus.

## Acquisition of sustainable resources

The institution understands that one of the most important ways it can demonstrate its commitment to environmental stewardship is by making resource purchase decisions. The

college will seek to get the most bangs for its buck by balancing immediate and long-term costs, maintenance, life cycle, and environmental costs when acquiring goods and services.

The college's purchasing policy should be strong, requiring the college to seek items and services that cause the least environmental impact in their manufacturing, distribution, packaging, usage, re-use, recycling, and disposal. Avoiding the use of any potentially dangerous substances and encouraging suppliers to commit to improving environmental performance.

### **Environment Management System**

The college must establish an environmental management system (EMS), such as ISO 14001, and adopt standardised environmental management practises, document their actual use, and get credible third-party verification. The college should promote EMS adoption by prioritising ISO 14001 goods and services in procurement, with the exception of items reserved for the small-scale sector at any given time.

### **Environment Audit**

The institution is committed to meeting the needs of environmental audits and will make every effort to provide training that will benefit both staff and students.

The college will be on the lookout for opportunities to collaborate with auditing organisations and will be informed of future developments in worldwide contexts.

### **Environmental education, training and awareness**

Outreach and education are very important so that all members of the campus community understand the policy's goals and can help in its execution. This is why college supports and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions to ensure that the Green Campus, Energy, and Environment policies are implemented effectively.

### **Environment-centric Student Societies and Department Activities**

College encourages department, as well as specific student societies such as green society, NSS, NCC, and others, to hold events, competitions, and training sessions that will result in beneficial environmental changes at the grassroots level. The institution works with departments and student clubs to help students become active environmental protectors and conservationists.

### **Green Society**

Institutional shifts toward sustainability and environmentally friendly behavior have percolated down to students, leading to an increase in Green Society membership. Making the society

mandatory will give it a larger platform to communicate the institution's environmental principles and raise awareness. Because obligatory societies need a certain number of hours of effort and dedication, the green initiatives and practices that are part of this strategy will be able to expand rapidly.

### **Conduct Green Audit**

The institution intends to undertake a Green Audit of our college campus on a regular basis to analyze our strengths and weaknesses in order to advance our long-term sustainability goals. A green audit can help you figure out how and where you're wasting the most energy, water, or resources. The college can then think about how to make improvements and save money. It stated that what kind of garbage college have and how much of it you have. Waste minimization initiatives or recycling projects can be implemented. It will promote environmental principles and ethics while also raising health awareness. It helps students comprehend the implications of environmentally friendly behaviors on campus. Green auditing will help you save money by reducing your resource usage. It is critical that the college assess its own contributions to a long-term future.

### **Plastic-Free Campus**

Since its founding, College has complied with the majority of its responsibilities in terms of solid waste management. In light of the Indian government's decision to ban all single-use plastics due to the harmful effects of plastic use and pollution, the college administration rigorously prohibits the use of single-use plastics in its property in order to make it a "Single Use Plastic Free Campus."

### **Clean Campus Initiatives**

In accordance with the objective of the Swachh Bharat Abhiyan, College vowed to aggressively coordinate cleanliness operations both on and off campus. It pledges to keep this programme going. The following is the broad vision:

- Educating students and staff members about the importance of cleanliness and hygiene by staging frequent cleanliness drives. The goal is to encourage them to be proactive in their contributions.
- All community work done by the college's NSS, NCC, and Green Society volunteers will include activities under the Swachh Bharat Abhiyan.
- Staff members will be encouraged to participate in the college's cleaning drive.
- Competitions for posters and slogans, essay writing, spoken word poetry, speeches, and skits on the theme of "Swachh Bharat" will be held.
- To raise public awareness, rallies on topics related to the Swachh Bharat Abhiyan will be held on and around the college campus.

- Remove any waste materials, such as damaged furniture and obsolete equipment.
- Annually administer the promise by students and staff to keep the college campus and its environs clean.
- Hold workshops on the 3 Rs: trash reduction, reuse, and recycling.
- Make a commitment to manage garbage and keep the campus clean, especially during college events.

### **Landscaping Initiatives**

The environment of a college's campus, like its buildings, can be considered as a tangible manifestation of its values. It is an important aspect of a campus's life, giving opportunities for study, recreation, outdoor activities, relaxation, and aesthetic enjoyment. Green campus landscapes also assist recharge groundwater, control runoff, and purify and cool the air on campus. The landscape is a visual symbol of the school community's dedication to environmental stewardship. Landscape programmes are a fantastic approach to raise environmental awareness because campus landscapes are so visible and accessible.

In campus, there are more than 25 plant species as well as many acres of grass. The landscape of trees and plants provides clean, cool ambience to the visitors, students and staff, as well as a relaxing atmosphere.

College's extensive green cover also supports a diverse range of animals and uncommon birds, in addition to a well-maintained butterfly park within the campus. By organizing regular tree plantation drives and encouraging student groups to host tree planting events, the college pledges to enriching this healthy ecosystem and maintaining the institution's symbiotic relationship with nature.

### **Environmental Awards**

Institutions will be given awards for initiatives in rural development, environmental development, and sustainable development, among other things. An annual award for a well-known environmentalist, with at least one category for environmental protection, sustainable development, and so on. Clean and green campus awards will be presented to colleges on an annual basis. Encourage and support environmental, rural development, and sustainable solutions-related technologies and enterprises. Promote and initiate various prizes among and among institutions for strengthening environmental management and sustainable development awareness and implementation.

## **RESPONSIBILITIES**

- **Sustainability Committee:**
  - Oversee the implementation and evaluation of the sustainability policy.
  - Provide recommendations for improvements and new initiatives.
- **Facilities Management:**
  - Implement energy and water conservation measures in college buildings.
  - Manage waste disposal and recycling programs.
- **Academic Departments:**
  - Integrate sustainability topics into curricula and research.
  - Encourage student involvement in sustainability projects.
- **Student Organizations:**
  - Actively participate in sustainability initiatives and advocacy.
  - Promote awareness and engagement among peers.

## **MONITORING AND EVALUATION**

- Establish key performance indicators (KPIs) to track progress on sustainability goals.
- Conduct regular reviews of the policy and update it as necessary to reflect changing circumstances and new opportunities.

## **COMMUNICATION**

- Share progress, challenges, and success stories with the college community through newsletters, social media, and campus events.
- Create a dedicated sustainability webpage to provide resources, updates, and engagement opportunities.

**Prof. (Dr.) Indira Raheja**  
**Principal**



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## **Policy Documents for Plastic Free Campus**

### **Objective**

To reduce the use of plastic and promote sustainable practices within Gurugram Global College of Pharmacy, ensuring a healthier environment for students, staff, and the community.

### **Scope**

This policy applies to all students, faculty, staff, and visitors within the college premises.

### **Policy Statements**

#### **1. Elimination of Single-Use Plastics**

- The Institute ban the use of single-use plastic items such as plastic bottles, bags, straws, cutlery, and cups on campus.
- The faculty members of the institute encourage the use of reusable alternatives, including water bottles, bags, and utensils.

#### **2. Waste Management and Recycling**

- At GGCP we have Installed clearly labelled recycling bins across the campus to separate plastic waste from other waste.
- Organize regular waste audit programs to monitor and improve waste management practices.

#### **3. Awareness and Education**

- The institute Conduct workshops, seminars, and campaigns every semester to educate students and staff about the environmental impact of plastic and the importance of reducing plastic use.

#### **4. Sustainable Procurement**

- At GGCP we Prioritize on purchasing products made from sustainable or recyclable materials for college operations and events.

#### **5. Green Campus Initiatives**

- We Promote initiatives such as tree planting, gardening, and green infrastructure projects to enhance the campus environment.

#### **6. Reusable and Biodegradable Alternatives**

- The institute Provide accessible water coolers to refill to reduce the need for bottled water.

#### **7. Partnerships and Collaborations**

- At GGCP the faculty members, students and management Participate in community clean-up drives and environmental conservation programs.

#### **8. Monitoring and Reporting**

- The management of GGCP oversee the implementation and progress of the plastic-free initiatives.

## **9. Encouraging Student Involvement**

- At GGCP Engage students in the development and execution of plastic-free initiatives through community services and volunteer opportunities.

### **Implementation**

The policy is implemented in phases, with clear timelines and goals set for each phase. In near future a Plastic-Free Committee will be formed and will be responsible for planning, coordinating, and monitoring the implementation process.

### **Conclusion**

By adopting this Plastic-Free Policy, Gurugram Global College of Pharmacy commits to fostering an environmentally conscious campus and leading by example in the fight against plastic pollution. Together, we can create a sustainable and healthy environment for future generations.

**Prof. (Dr.) Indira Raheja**

**Principal**



## E- Waste MoU



# M.G. COMPUTERS PVT. LTD.

#12, AKD Tower, Near HUDA Office, Sector-14, Gurugram 122001 (Haryana)  
SCO-103, Satyam Plaza, Near Civil Hospital, Gurugram 122001 (Haryana)  
mgcplggn@gmail.com +91 124 4373434

Ref. No.

Date.....

### Memorandum of Understanding

This Memorandum of Understanding (MOU) is entered into on 1 April 2023 till 31 March 2028 by and between: GURUGRAM GLOBAL COLLEGE OF PHARMACY, Haily Mandi Road, Farrukhnagar, Haryana (122506) through its Principal Dr. INDIRA RAHEJA

And

M G COMPUTERS P. LTD . AKD TOWER SEC 14 GURUGRAM HARYANA

#### Background:

GURUGRAM GLOBAL COLLEGE OF PHARMACY, Haily Mandi Road, Farrukhnagar, Haryana committed to environment sustainability. M G COMPUTERS P LTD specialize in waste management and purchase of recyclable material.

#### Purpose:

The purpose of the MOU is to establish a framework for collaboration between GURUGRAM GLOBAL COLLEGE OF PHARMACY, Haily Mandi Road, Farrukhnagar, Haryana and M G COMPUTERS P LTD. for the efficient management and purchase of scrap materials.

#### Terms and condition:

**Scrap purchasing A.** GURUGRAM GLOBAL COLLEGE OF PHARMACY, Haily Mandi Road, Farrukhnagar, Haryana and agree to provide M G COMPUTERS P. LTD. with scrap material generated with in the premises including paper, plastic metal and e-waste.

**B.** M G COMPUTERS P LTD agree to purchase the scrap material from GURUGRAM GLOBAL COLLEGE OF PHARMACY, Haily Mandi Road, Farrukhnagar, Haryana at a mutually agreed price, subjected to periodic review and adjustment.

**Waste management services:** M G COMPUTERS P LTD agrees to provide waste management and segregation services to GURUGRAM GLOBAL COLLEGE OF PHARMACY, Haily Mandi Road, Farrukhnagar, Haryana ensuring proper disposal and recycling of waste materials.

For M G COMPUTERS P LTD

KUSUM SATIJA

For GURUGRAM GLOBAL COLLEGE OF  
PHARMACY

Dr. INDIRA RAHEJA

For M G COMPUTERS P. LTD.

Director

Principal  
GURUGRAM GLOBAL COLLEGE OF  
PHARMACY