



THE GREEN CAMPUS, ENERGY AND ENVIRONMENT

**INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION
BHOPAL, M.P., INDIA**

POLICY

“Like music and art, love of nature is a common language that can transcend political or social boundaries.”

— Jimmy Carter

Context

Institute for Excellence in Higher Education is a state-level academy, located in a lush green valley adjacent to Kaliasot Dam on Kolar road, WALMI Hills, Bhopal. It is autonomous in academic, administrative & financial matters which has enhanced its credibility as a catalyst of progressive and incremental changes setting new benchmarks for other institutions of the state to redefine the limits of growth and development in Higher Education. With the pivotal focus on the integrated development of students through the inculcation of moral, spiritual, and environmental values. the Institute is housed on a sprawling campus. IEHE strongly believes in the motto- “Preserve Nature”, and also strongly believes that endangering the environment would endanger the lives and well-being of our future generations.

Since 1995, the Institute has always had sustainable initiatives at the core of all activities. 16.09% of the 28.97-acre lush campus has been built up and the rest of the campus can be categorized as playgrounds, gardens and open space. A huge area is left in its natural form and acts as a natural habitat for biodiversity and a large variety of species of grasses, birds, snakes, herbs, shrubs, and trees.

Scope of the Policy

Greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energy for its daily power needs, correct disposal handling, purchase of environment-friendly supplies, and an effective recycling program. Institute has to work out the time-bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes to develop a clean and green campus. The Green Campus,

Energy, and Environment Policies will develop exciting new co-curricular and extracurricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, and administrative functions from the standpoint of energy efficiency, sustainability, and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
 - Smoking Free Campus
 - Polythene Free Campus
- Infrastructure
 - Solar Power Plant
 - Installation of Energy Efficiency Equipment
 - Water Conservation through Rainwater Harvesting System
- Waste Management processes
 - Solid Waste Management
 - Liquid Waste Management
 - E-Waste Management
- Awareness Initiatives
- Environment-centric Department Activities
- Green Audit
- Energy Audit
- Plastic-Free Campus
- Save Energy TIPS

Objectives of the Policy

- To protect nature, natural resources, and ecological systems within the campus.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.

- To integrate environmental concerns into policies, plans, and programs for social development and outreach activities.
- To raise awareness and seek the adoption of environmental good practices and the reduction of any adverse effects on the environment.
- To reduce the use of non-renewal resources.
- To make the campus plastic free.
- To conduct environmental and energy audits from time to time.
- To minimize the use of paper in administration through having a policy for E-governance.

Policy

Clean & Green Campus Initiatives

- Activities under 'Swachh Bharat Abhiyan' is a key component of all the community work being done by NSS, NCC, and Green volunteers of the Institute.
- Events such as poster, slogan competitions, essay writing, spoken word poetry, speeches, and skits to be organized.
- No smoking & tobacco in and around campus in compliance with National Tobacco Control Programme (NTPC)
- Polythene-free campus.
- Use of dustbins for dry and wet garbage.
- Conduct workshops on the 3Rs: Reducing, reusing, and recycling waste.
- Commit to managing waste and maintaining a clean campus, especially during Institute events.

Landscaping Initiatives

The landscape serves as a visual representation of the campus community's commitment to sustainability. As campus landscapes are so visible and accessible, landscaping initiatives are a great way to build awareness of the environment.

The campus landscape, like its buildings, can be seen as the physical embodiment of an Institute's values. It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation, and aesthetic appreciation. Green campus landscapes also manage runoff, help recharge groundwater, and clean and cool the air on campus.

There are more than 350 trees and more than 1000 shrubs on campus along with 1.5 acres of grass cover. The landscape of trees and plants provides the 1500+ students and staff with clean and cool air and is a soothing environment.

The Institute commits to enriching this healthy habitat and maintaining the symbiotic relationship of the institution with nature by

- Organizing annual tree plantation drives
- Encouraging students to plant a sapling on their birthdays.

Clean Air Initiatives

With lush green forest surrounding the campus, we feel responsible to maintain our green cover. The abundant natural landscape not only cleans the air on campus but also becomes an extension of the green lungs of the city.

We encourage our students and staff to use public transportation. We encourage carpooling to Institute, an activity that will control air pollution and strengthen social interaction. The entry of automobiles inside the campus is restricted to discourage the use of private vehicles.

Infrastructural Initiatives

◆ Renewable Sources of Energy

IEHE is dedicated to minimizing and sustainably managing its use of electricity. The Institute believes in reducing the consumption of electricity produced by non-renewable resources by switching to clean energy sources like solar energy for

purposes like lighting the campus.

♦ **Energy Saving and Energy Efficient Equipment**

We commit to installing environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The Institute believes in using cleaner energy such as LED lighting.

♦ **Water Conservation through Rainwater Harvesting System**

IEHE has committed itself to this effort to replenish the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

♦ **Waste Management Processes**

IEHE strives to have a minimal impact on the environment and is dedicated to reducing and managing the waste generated by the Institute campus. The following specific procedures will be undertaken to ensure IEHE's contribution to protecting the environment.

♦ **Solid Waste Management**

With its aim to provide holistic education that also has a positive impact on the environment, the Institute will adopt practices that will mitigate the generation, and manage solid waste through the following methods:

- Systematically engage with the 3Rs of environment friendliness (Reduce, Reuse and Recycle).
- Collect paper waste produced on campus and collaborate with scrap dealers for recycling.
- Reduce solid waste by developing a technology-centric teaching and administrative model.

- Reduce the use of paper by supporting the digitization of attendance and internal assessment records.
- Reduce the requirement for printed books by updating the e-books and e-journals collection of the Institute library.
- Encourage the students and teachers to use emails for assignment submissions.
- Take initiatives to spread awareness amongst students about
 - ✓ Food wastage and ways of minimizing it
 - ✓ Minimizing the use of packaged food
 - ✓ The habit of reusing and recycling non-biodegradable products
 - ✓ Organizing workshops for students on solid waste management.

◆ **Liquid Waste Management**

- Install leak-proof water fixtures.
- Efficient plumbers and caretaker are hired to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush, etc.
- Use of drip-irrigation for watering the plants.

◆ **E-Waste Management**

IEHE ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the Institute plans to strive toward more provisions for the disposal of institutional e-waste.

- Collaboration with e-waste recycling companies to get electronic waste recycled.
- Awareness amongst students about the reduction of e-waste and environment-friendly disposal practices for e-waste.
- Encouraging department and society level activities about waste management.

Awareness Initiatives

Outreach and education are of utmost importance so that all members of the campus community may value the objectives of the policy and aid in its implementation. This is why IEHE supports and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions to facilitate effective implementation of the Green Campus, Energy, and Environment policies.

Environment-centric Departmental Activities

IEHE encourages all the departments to organize events, competitions, and training sessions that will bring about positive environmental changes at the grassroots level. The Institute supports departments and student societies in moulding the students into active agents of environment protection and conservation.

Conduct Green Audit

The Institute aims to regularly conduct a Green Audit of our Institute campus to assess our strengths and weaknesses to further our goals of long-term sustainability. It provides a better understanding of the impact of eco-friendly practices on campus. Green auditing will promote financial savings through the reduction of resource use. The Institute must evaluate its contributions toward a sustainable future.

Conduct Energy Audit

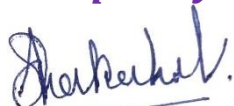
An Energy Audit is conducted as and when required to further reduce its carbon footprint. The energy audit, with its specialized tools, will identify the wastage of energy.

Save Energy TIPS:

- (i) Activate power management features on your computer and monitor so that it will go into a low-power “sleep” mode when you are not working on it.
- (ii) Turn off your monitor when you leave your Table.
- (iii) Activate power management features on your laser printer.

- (iv) Whenever possible, shut down rather than log off.
- (v) Turn off unnecessary lights and use daylight instead.
- (vi) Avoid the use of decorative lighting.
- (vii) Use LED or compact fluorescent bulbs.
- (viii) Keep lights off in conference rooms, classrooms, and lecture halls when they are not in use.
- (ix) Use the fans only when they are needed.

Policy developed by:



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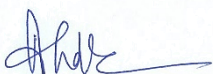
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