



# **MGM INSTITUTE OF HEALTH SCIENCES**

(Deemed University u/s 3 of UGC Act, 1956)

**Grade 'A++' Accredited by NAAC**

Sector-01, Kamothe, Navi Mumbai - 410 209

Tel 022-27432471, 022-27432994, Fax 022 – 27431094

E-mail : registrar@mgmuhs.com ; Website : www.mgmuhs.com

## **ENVIRONMENT POLICY**

### **SCOPE**

The policy document will aid in the integration of environmental consciousness activities in our daily practices. It will help in better understanding of our duties and dedication to natural resource conservation and utilization. MGM Institute of Health Sciences (MGMIHS) has tried to address the issue of sustainability as a part of curricular and extra-curricular activities of students. We hope that MGMIHS will take the lead in developing new frameworks for understanding the paradigm of sustainable development.

### **PRINCIPLES AND OBJECTIVES**

MGMIHS is passionate about the environment and has implemented various sustainable environmental initiatives in its campus. Various committees have been constituted to carry out and oversee these tasks like garden committee, Plant incubation center, solid waste management, water treatment plant, sewage treatment plant, rainwater harvesting pond, solar system committee, and other clubs/committees actively working at institutional level.

On the academic front, "Ability Enhancement Compulsory Course - Environmental Studies" is imparted at graduate level to assess, manage and implement the institute policy in line with sustainable practices.

We also undertake a mandatory "Green audit" on an annual basis. Following are the initiatives that have been taken at the institution levels for promoting awareness among students of all the disciplines about the problems of climate change through academic as well as non-academic outreach activities. We involve different stakeholders (students/staff) of our constituent units in activities for a broader outreach. MGMIHS shall pursue the following objectives:

- Use the semester long course-curriculum to promote education for the multidisciplinary nature of environment and sustainable development. Raise awareness about keeping the campus clean and green. Practical experience which enriches the curriculum. Teach sustainable development to students from all disciplines. Promote sustainable development research and knowledge dissemination.
- Observance of important days such as ozone day, environment day, earth day, water day, world toilet day and so on.
- Train its personnel and develop knowledge of environmental issues and the environmental effects of its activities among academic staff, students and other stakeholders.
- Respective committees will formally monitor the work done on sustainability projects/initiatives, measure their progress, and report on their accomplishments.
- 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.
- Actively collaborate with local groups in the areas of environment, energy efficiency, and sustainable development by engaging in communication with government agencies, municipal corporations.
- Promote environmental assessment initiatives.
- Establish sustainable practices in campus and among stakeholders.
- Ensure the long-term viability and environmental protection of the organization.

- Take initiatives that are friendly - using clean fuel, renewable energy resources etc.
- Reduction in resource consumption.
- Financial savings via reducing resource use.
- Instilling in young people an environmental ethic and value system.
- Conduct audits to identify areas for improvement and make recommendations.
- Green campuses and support local sustainability efforts.
- Engage and share information with worldwide networks.
- Implement carbon-neutral policies.
- Establishment of an environment/green committee to oversee eco-friendly projects on campus and in the surrounding area.
- Introduce innovative technologies to make efficient use of energy resources.
- Optimize your energy usage and costs.
- Reduce, Reuse, and Recycle are the three R's.
- Conduct internal energy audits on a regular basis to find energy-saving options.
- The Institution Energy Audit/Management Cell manages regular monitoring and follow-up procedures to ensure effective implementation at department levels.
- To make the Institute a role model in the area of energy conservation, train teachers, non-teaching staff, students and housekeeping staff.
- Conduct a comprehensive energy audit.
- Increased environmental promotional events in campus to raise awareness.
- Encourage staff to be aware of the importance of energy conservation.
- Review the Policy at least once a year.

MGMIHS Environmental Policy will be further pursued through areas like:

**WATER MANAGEMENT/CONSERVATION:**

- Use effective management strategies to conserve water and reduce its use.
- Use of least amount of water as possible as per the activities.
- A continuous water conservation programme would be implemented to track use, prevent leakage and minimize 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.

### **SOLID WASTE MANAGEMENT**

University 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 in the campus.
- Waste containers/Dustbins are positioned at appropriate places.
- Composting of solid waste from canteens, guest houses and hostels.
- Hazardous and E-waste must be handled, transported and disposed off properly.
- Hazardous chemicals and toxic hygienic compounds will be used as little as possible.
- A comprehensive recycling programme at the final stage in solid waste reduction and a way to turn waste into a resource.
- 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 in 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 thereby reducing 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.

#### **ENERGY CONSERVATION:**

- Monitoring and bench marking resource utilization and waste generation on a regular basis.
- Keep track of and analyze your energy efficiency.
- Establishing short and long-term goals, as well as conservation methods, in order to meet and exceed zero-carbon Campus objectives.
- Use of energy-efficient equipment with a star rating.
- Maintenance and replacement of additional lights/lighting fixtures with LED's on a regular basis. Institute believes in adopting environmentally friendly
- energy sources such as LED lighting.
- Maintaining a sustainable approach by extending the life of existing equipment and replacing it with more efficient equipment as necessary.
- Before going on to the Replace & Recycle stage, reduce e-waste as much as possible with good maintenance.
- Wherever possible, reduce the amount of electricity consumed.
- Energy conservation by encouraging the use of natural light. Make the most of natural light for indoor illumination and ventilation.
- Energy-efficient light bulbs are gradually being replaced.
- Hostels and guest houses can use solar water heating systems.

- To save energy, employ occupancy sensors in classrooms, hallways, administrative offices, and toilets, as well as sensor-based switches for streetlights and corridor lighting.
- Optimal temperature settings for air conditioners and water coolers are fine-tuned.
- Use of renewable Sources of energy to power the grid.
- Increase the use of renewable energy by installing a Grid Interactive Solar PV System on campus.
- College is committed to reducing and managing its electricity consumption in a sustainable manner. The college is committed to minimizing non-renewable energy usage by transitioning to clean energy sources such as solar energy for purposes such as lighting the campus.
- Using Energy Saving and Energy Efficient Equipment.
- We pledge to install environmentally efficient electrical appliances that save energy and cut down on trash.

#### **Eco-Friendly Transportation:**

- Restricted entry of vehicles.
- Transportation of students/staff by institutional buses for nearby Bus depot/ Railway station.
- Battery powered vans (carts) for local transportation within campus.
- Encouraging use of bicycles for hosteler.
- Promotion of CNG & battery-operated electrical vehicles.
- Car Pooling.

  
**Dr. Rajesh B. Goel**  
 Registrar  
**MGM Institute of Health Sciences**  
 (Deemed University u/s 3 of UGC Act, 1956)  
 Navi Mumbai- 410 209