

GREEN CAMPUS /PLASTIC FREE CAMPUS POLICY

The Green Campus Policy fosters a sustainable and eco-friendly environment where education and environmental practices go hand-in-hand. This initiative empowers our institution to become a leader in environmental responsibility. By embracing the green campus concept, we can redefine our environmental culture, develop innovative solutions, and contribute to a more sustainable future for all.

Objectives of the Policy

- To protect and conserve ecological systems and resources 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 programmes for social development and outreach activities.
- To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve our contribution to climate protection and adaptation to climate change and to the conservation of global resources.
- 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 make the campus plastic free

Green Campus status is achieved by making significant progress in cross campus community collaboration under one or a number of the following themes:

- Energy
- Water
- Waste
- Green Campus & Biodiversity

Energy

- Reduce energy consumption. In this context MSTM College has adopted the following policies.
- 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.
- Turn off your monitor when you leave your Table.
- Turn off unnecessary lights and use daylight instead.
- We commit to install environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The college believes in using cleaner energy such as LED lighting.
- Switch off lights, fans in conference rooms, classrooms, lecture halls when they are not in use.
- College is dedicated to minimize and sustainably manage its use of electricity. The college 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.
- Install bio gas plant in hostels.

Water

- Minimize consumption of water. In this context MSTM College therefore has adopted the following policies.
- Repair sources of water leakage, such as dripping taps and showers as quickly as possible.
- Install appliances which reduce water consumption.
- Encourage use of recycled rainwater and grey water to reduce main water consumption.
- Reuse the water coming out of water purification systems for washing clothes and garments in hostels.
- Use an efficient and hygienic water storage mechanism is to minimize the loss of water during storage.
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- Water Conservation through Rainwater Harvesting System- As an institution located in suburban region, the area that has seen maximum fall of ground water levels. College 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

Waste minimization is very important because it makes good business sense to protect the environment and boost environmental performance. Waste minimization techniques focus on preventing waste from ever being created, otherwise known as source reduction, and recycling. Our college therefore commits to:

- Keep a stack of paper that has been printed on one side and use it for day to day rough paper work
- Use more readout material in soft form. Reduce the hard readout material. Use more of e-mail for officially communicating the information needed, online reading etc.
- Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost produced on site wherever possible.
- Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment.
- Use two types of bins separately for biodegradable and non-biodegradable wastes in the college campus as well as in hostels.
- Recycle electronics and batteries in e-waste recycling bins located around campus.
- Re-evaluate. Do you really need that extra gadget? Try finding one device with multiple functions. This will reduce the generation of e-waste at source.
- Dispose the chemical waste generated from the laboratories in a scientific manner.

To achieve and manage this, the following initiatives are in practice

Conduct Green Audit

The college aims to regularly conduct a Green Audit of our college campus to assess our strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where most energy or water or resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Recycling projects or waste minimization plans can be adopted. It will create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of ecofriendly practices on campus. Green auditing will promote financial savings through reduction of resource use. It is imperative that the college evaluate its own contributions toward a sustainable future.

Conduct Energy Audit

An Energy Audit to be conducted when required to further reduce its carbon footprint. The importance of reducing energy consumption cannot be overstated. The energy audit, with its specialized tools will identify wastage of energy. Such an inspection often reveals several different flaws which cause a loss of significant amounts of energy which the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.

Plastic-Free Campus

College has been observing most of its duties in terms of solid waste management since its inception. In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single use plastics in its premise to make it a 'Plastic Free Campus

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. Therefore, College 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 Student Societies and Department Activities College encourages all the departments and especially student societies like Nature Club, NSS, NCC and others to organize events, competitions and training sessions that will bring about positive environmental changes at the grassroot level. The college supports departments and student

societies in molding the students into active agents of environment protection and conservation.