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THE GREEN CAMPUS, ENERGY AND ENVIRONMENT POLICY

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The comprehensive Green Campus, Energy and Environment Policy of the institution is committed to environmental sustainability and protection.

The Policy Statement

Montfort College shall aim at the responsible disposal and reduction of liquid and solid waste, increased recycling, measures to conserve water as well as energy, and move towards sustainable development.

Scope

The scope of this policy extends to the following areas:

- Disposal and reduction of waste
- Recycling of waste
- Energy conservation
- Water conservation
- Sustainable development

Objectives

The objectives of policy are to :

- Protect and conserve ecological systems and resources within the Campus.
- Conserve natural resources and minimize the volume and possible environmental harm of waste generation and disposal.
- Follow the waste management hierarchy – Avoid, Reuse, Recycle

- Use natural or renewable materials, wherever possible.
- Ensure that the college manages solid, liquid, and electronic waste in line with the prevention of pollution and adheres to the compliance of environmental legislation at all times.
- Minimize the use of paper in administration through E-governance.
- Achieving plastic-free campus status
- Strive towards making continuous improvement for the efficient use of all resources, including energy and water.
- Conduct environmental and energy audits from time to time.
- Policies, plans and programmes of the institution shall integrate environmental concerns.

Implementation of the Energy Conservation Policy

- Purchases of durable and high energy conservation rating equipment and gadgets to reduce the waste generated through early replacement.
- Use of sensor-based technology to regulate pumping of water in order to use energy optimally.
- Installation of 16 solar panels with a capacity of 2080 watt peak and the ability to generate 5400-watt hours per day.
- The energy generated shall be used for all outdoor lighting in the campus.
- Solar energy shall be used for the purpose of providing hot water to the inmates of the hostel.
- Replacement of incandescent light bulbs with compact fluorescent lights (CFLs), and light-emitting diode bulbs (LEDs).
- Use of bio-gas for the purpose of cooking in the hostel kitchen
- The college shall conduct energy audits to understand how energy can be used in the most optimal way.
- Upkeep and regular maintenance of all vehicles belonging to the college, and regular emission testing of the same to reduce the carbon emissions from the vehicles.
- Practice of energy conservation by encouraging students and staff to turn off lights, fans, and other electrical/ electronic equipment when they are not in use in the classroom and hostel.
- Encouragement to use battery operated vehicles among its stakeholders.
- Institution to award persons who have used only public transport to commute to college.
- Implementation of various energy saving awareness programmes such as public transport day, no electricity hour etc to reduce the carbon footprint of the college.

Implementation of Water Conservation Policy

- The college shall maintain all faucets, shower heads, pipes, flush tanks, water tanks etc in good

working order to ensure there is no waste of water.

- In its attempt to take proactive steps towards environment conservation, the college shall establish a Rainwater Harvesting System. Rainwater shall be harvested from the Rooftop and diverted to a pit, where it is stored and re-used for gardening purposes.
- The college shall maintain two bore-wells to cater to the water requirements of the college.
- Maintenance of a water purifying facility through a sand pit to ensure the health and hygiene of the different stakeholders using tap water.
- Drought- resistant plant varieties are selected for the gardens, in order to conserve water.
- Sensor-based technology to regulate pumping of water so that there is no overflowing of water pumped to the tanks.

Implementation of Policy for Sustainable Development

- The activities of the Eco-club of the college shall be instrumental in creating awareness as well as monitoring use of energy and water in the college. Environment consciousness activities such as planting of sapling and recycling drives shall be conducted.
- The college shall maintain a litter-free campus by placing waste disposal bins in all class rooms and at strategic places on the campus.
- The college shall insist that the Catering Service Provider shall use either biodegradable, reusable or recyclable plates and cups in the canteen.
- The college shall implement the use of reusable/washable dishware and cutlery at events and programmes organized by the institution.
- The college shall encourage the use of compostable/biodegradable food containers instead of Styrofoam or plastic among its stakeholders.
- Staff shall be encouraged to bring their own mugs for coffee or tea, thus reducing the use of disposable cups.
- Importance shall be given to digital storage of documents and reduction as much as possible of hard copies.
- Teachers shall be encouraged to accept assignments and tests in electronic format.
- In an attempt to make proactive eco-friendly and sustainable development choices, the college shall follow the policy of:
 - ▶ Purchase of eco-friendly cleaning products.
 - ▶ Purchase recycled paper products.
 - ▶ Choice of non-toxic products for painting and waxing.
 - ▶ Purchase of eco-friendly and organic products.
- In its attempt to construct the college infrastructure according to the norms of a Green Building

the following steps shall be undertaken:

- ▶ An open space in the centre around which classrooms and office space has been built. In addition to being a green lung, this open-air space doubles up as an area where students meet for group discussions, the student council conducts its activities, and the college some of its official functions.
 - ▶ Adequate natural ventilation in the buildings with the aim of reducing the use of artificial light during the day, and delivering good indoor air quality.
 - ▶ Incorporating natural light and views to ensure that the users of the building not only have comfort but also the enjoyment of their surroundings. It has also reduced lighting energy needs in the process.
- Avoiding materials and chemicals that create harmful or toxic emissions.

To increase awareness about waste reduction in the campus and the recycling policy of the college, different bins shall be placed for recyclable and non-recyclable materials. The type of waste that shall be thrown into these bins is clearly marked outside. Through the activities of the Student Council and Eco Club, awareness of waste management, recycling and sustainable development shall be highlighted during the Green Campus Week.

