

GREEN POLICY AND ENVIRONMENT POLICY

MESIOM is committed to being environmentally aware and conscious and hence actively support programs that reduce the institution's environmental impact and continuously improve our environmental performance as an integral part of our vision and day to day operating procedures. We seek to understand the effects of our activities on the environment; therefore, we consciously support activities such as:

1. Water & Energy Conservation.
2. Recycling of waste.
3. Reduce the usage of paper.
4. Effective Waste segregation.
5. Rain Water Harvesting.
6. Display of sign boards for saving resources in prominent places in the college.
7. Ban on Use of plastic in college.
8. Encourage students to use bicycles and electric vehicles.
- 9 Use of eco- friendly building materials

Save Energy TIPS:

1. Turn off unnecessary lights and use daylight instead.
2. Use LED or compact fluorescent bulbs
3. Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
4. Use the fans only when they are needed.
5. College has so far implemented two electronic conversation measure (ECMs) such as Energy Efficiency LED lighting retrofits as well as Alternative Power, Solar PV system.



Use of eco- friendly building materials Topmost floor (fourth floor) walls are built with eco-friendly aerocon blocks that will reduce the indirect thermal heat gain and thereby reducing the need for air conditioning as well as cooling the spaces inside (classrooms, conference halls, corridor and labs). Apart from being eco-friendly these blocks are also light weight with high thermal insulation and fire resistance. Buildings constructed out of these blocks ensure long term sustainability and save a lot of water during the construction. Block works are not plastered which reduces the need for more cement which is embodied carbon.

A large Conference Hall on the fourth level with good seating capacity that caters to all college events and student collaborations. The hall has tiled roofing on top and large windows that open to outside space giving it ample **natural lighting and ventilation**. Because of the thermally insulated sandwiched roofing, that prevents solar heat gain, there was no requirement to provide air conditioning in this hall, thereby conserving electricity, which is one of the efficient design parameters.

Open spaces:

The classrooms overlook to green spaces with ample natural lighting and ventilation. Hence there is nil usage of artificial lighting during the day and cooling is kept to minimum in the summers as there is room for cross ventilation for plenty of fresh air to flow into each and every space within the built-up area. Corridor space is well lit with natural light as well as decorated with rows of medicinal plants, supplying the corridor space with fresh oxygen and refreshing green corridor spaces.

Waste Management:

- Cleaning the campus on daily basis.
- Segregated collection of waste by means of colour coded bins.
- Waste bins are placed in corridors, classrooms, library, labs, conference hall, office and staff rooms.
- Bio waste: Sanitary napkin Incinerators used to burn sanitary napkins.
- Paper waste, E-waste and plastic waste sent for recycling under contract with ITC



Paper

The college adopts the three R's: reduce, reuse and recycle of waste management. To reduce the use of paper faculty and students are encouraged to use e-platforms. One side printed sheet is reused.

Leaf litter – Leaf litters are collected, decomposed and used as manure for the plants in the campus.

Reduce the usage of plastic – To reduce the use of plastic a commercial RO water unit with steel tumblers is installed in the campus and signages are displayed at strategic places to discourage students from using plastic

Water use and Management Rain Water Harvesting and Ground Water Recharge Structures is adopted in college

Green Transportation Measures: To adopt green transport and reduce carbon emissions, the college has dedicated a parking area for green vehicles. The parking slots come with charging facility for the Electric e-vehicles.

We recognise that we have a responsibility to the environment to meet or exceed legislative and regulatory requirements. We will ensure that this policy is understood, implemented and maintained by all the stakeholders.

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