



## **Ways of Energy Conservation, use of Alternate Sources of Energy for Meeting its Power Requirements-**

The college currently generator as an alternative source to meet its power requirements. In the future, the college for alternative sources is poised to formulate a systematic energy policy of energy conservation methods and has considered working seriously on it. This is our long term goal as per the policy includes educating students and employees on environmental concerns and sustainability to turn our college into a carbon-negative institute. For this some steps are taken as –

- To include environment concerns in planning and decision making.
- Our sole goal is to include environmental concerns in planning and decision making.
- For saving the water institute has rain water harvesting system in the campus.
- There is saving water system in the campus when the students drink pure water remaining water goes to the green ground. We do not waste the water but we utilize it.
- For the purpose of saving energy and for saving money we use LED bulbs in all the campus.

## **Institution has a stated policy and procedure for implementation of waste management-**

Shri Madhav College of Education & Technology will adopt the principles of the 'MAXIMUM

SUSTAINABLE WASTE MANAGEMENT' in the delivery of its waste management services. The college will apply a 'squander various leveled approach', to diminish, reuse and recuperate by products in preference to the removal of waste to landfill. The college recognizes the importance of meeting these legal prerequisites and deal with its waste responsibly, diminish the volume of waste sent to landfill and boost reuse and recycling where possible.

The College needs all the teaching and non-teaching staff, students, making use of the premises to comply with this Policy, Any solid waste generated in the campus shall be overseen and taken care in accordance with the compliance criteria and the



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procedure laid down by the CPCB. There is a legal requirement for all who produce, keep or dispose hazardous/radioactive waste/chemical waste of any type to comply with the various regulations under national and international environmental protection legislation.

## **Implementation Procedure**

It will be compulsory with respect to the Principal Investigator to report changes/additions in unsafe waste generation and step taken to decrease generation of waste per unit of production.

The waste could either be reused or discarded in captive or regular treatment, storage and disposal facilities available in the campus, as proposed in the following waste hierarchy-

- Prevention
- Minimization
- Reuse
- Recycle
- Energy Recovery
- Proper Disposal (Landfill / Incineration)

Avoiding waste at source and minimizing waste utilization

In the hierarchy of waste management, waste avoidance and waste reduction must first be attempted, for which the dissemination of information on technical options should be a continuous practice. Promote the implementation of recovery of resources such as solvents, other reagents and by-products, as well as the regeneration of spent catalysts within the time limit.

Reuse, retrieval and recycling of non-hazardous waste Shri Madhav College of Education & Technology will explore opportunities / opportunities for reuse, recovery and recycling of waste in an environmental manner. Paper waste will be recycled to make paper boards and packing materials. The paper's toxic inks and dyes will be treated with enzyme technology, which is environmentally benign.

## **Institution is committed to maintenance of cleanliness, sanitation, green cover and providing a pollution free healthy environment**

By enforcing the Prime Minister's "Swachh Bharat Mission", Shri Madhav College of Education & Technology is always committed to maintaining a clean college environment sets a good example to students, teachers & other staffs. It encourages learners to take pride in their college, which makes them less likely to drop litter and as such they will potentially make a bigger effort to maintain their environment, cleanliness is incredibly important when it comes to cutting down on



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the spread of diseases in the college and means that staff and students are able to enjoy a comfortable learning environment. It also improves hygiene levels and can help to reduce the spread of sickness.

Cleanness in Campus:

1. Provide door mats in each class.
2. Keep dust bins in each working station and class.
3. Start recycling practices in the college.
4. Encourage students and teachers to keep things away immediately after use.
5. Organize cleaning day events like Swachh Bharat.
6. Clean the campus facilities frequently.
7. Hire a professional cleaning team.

Sanitation, Personal hygiene, Safe drinking water, Toilet/human excreta disposal, disposal of waste water, solid waste management, Environmental sanitation and Green Cover another fields where Institution has done remarkable efforts.

We are endorsing and enforcing measures to make the College a carbon negative campus using the following steps as -

## **Rain Water Harvesting**

In another step towards the preservation of the intricate water table in the college, building has been made compatible for rain water harvesting. We are positive that the rain water harvesting method employed by us will be the guiding light for others.

## **Utilizing Natural Light**

The building architecture of college is designed in such a manner that permits the free flow of air and allows natural light to cover all the corners of the building. The ample natural light therefore avoids the usage of the lights in the corridors and rooms.

## **Pollution Free healthy Environment**

1. Use Reusable water bottles and coffee mugs.
2. Recycle and compost
3. Waste control chemicals and e-waste management
4. Use of LED bulbs in college
5. Conducting energy audit
6. Dustbins on the premises
7. Waste control in entire campus
8. No use of plastic in campus
9. Use of dust proof chalks in classrooms