



# **SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**

(An Autonomous Institution)

Puducherry - 605 107



## **ENVIRONMENTAL POLICY**

Version 2.0



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(An Autonomous Institution)

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**NOTIFICATION**

Ref: **SMVEC / IQAC / ACAD / JAN 2023**

Date: **10-01-2023**

In the pursuance of the resolution passed by the Governing Body Meeting at its meeting held on December 31, 2022 in its resolution no. GB 2022.05.09 and the decision was taken by the Management of SMVEC

It is hereby notified for information of all concerned that the Sri Manakula Vinayagar Engineering College, Puducherry has published the Environmental Policy. This will come into force with immediate effect.



**Dr. AA. Arivalagar**  
IQAC coordinator



**Dr. S. Anbumalar**  
Dean Academics (Circuit)



**Dr. V.S.K. Venkatachalapathy**  
Director cum Principal

# ENVIRONMENTAL POLICY OF SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE, PUDUCHERRY

## Introduction

Sri Manakula Vinayagar Engineering College (SMVEC) is committed to develop sustainable and conservation goals for environmental management. SMVEC shows more responsibility towards the immediate surrounding environment and build students to strengthen the nature. SMVEC feels that the environment is the basis of life and therefore its protection and conservation is an important part of education. We are Committed to continuous monitoring and adherence to environmental standards. We comply with all relevant environmental laws, regulations, and other requirements applicable to our operations.

## Policy Objectives

- To minimize waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost effective manner
- To ensure the safe handling and storage of wastes in the campus.
- To educate and engage students and all other stake holders on environmental concerns and sustainability
- To encourage projects on landscaping, planting trees, water conservation, water quality maintenance, waste management and clean energy resources
- To develop collaborations with key government flagship programs and with the local communities.
- To protect and nurture the Flora and Fauna inside the campus
- Maximize the use of e-governance in all aspects and minimize the use of paper.
- To promote holistic approach of waste management in the campus

## Implementation of Policy

- A. Waste reduction
- B. Segregation of Waste
- C. Reuse and Recycle of Waste
- D. E waste Disposal
- E. Consumption of utilities
- F. Transportation
- G. Awareness Programmes
- H. Monitoring and Auditing

**A. Waste reduction**

- Reduce waste generation in the first place
- Consume less and Waste less
- Decline single use plastic products
- Decline packaging's and disposals

**B. Segregation of Waste**

Source segregation into dry and wet waste is vital for proper treatment of waste. It leads to effective waste treatment promoting recycling and reuse and safer disposal of waste that allows for cleaner campus. The biodegradable and non-biodegradable wastes are collected in green and blue colored bins respectively. The wastes collected are sent through authorized solid waste collectors for safe disposal and recovery.

**C. Reuse and Recycle of Waste**

- Find safe usage for leftover foods, vegetables, fruits, etc.,
- Reuse Items as much as possible
- Return waste materials back into consumption cycle and for resource recovery. - Recoverable resources are to be recycled via the existing informal sector. - Recyclables left to the informal sector

**D. E- Waste Disposal**

Electronic waste (e-waste) comprises waste electronics/ electrical goods that are not fit for their originally intended use or have reached their end of life. This may include items such as computers, servers, mainframes, monitors, CDs, printers, scanners, copiers, calculators, fax machines, battery cells, cellular phones, TVs, and electronic components besides white goods such as refrigerators and air-conditioners. They are stored and transportation to authorized recyclers by scrap dealers or any other agency registered with Pollution Control Committee.

**E. Consumption of utilities**

By promoting energy efficiency products such as LED bulbs which consume less energy than the conventional incandescent bulbs are encouraged thereby avoiding high energy bills and unnecessary pollution. Commitment in renewable energy sources like solar power plants reduces the conventional electrical energy thereby reducing the green house gases. Water utilities can adopt sustainable water management practices, such as reducing water loss and

promoting water conservation. This is taken care by implementing water meters to measure the usage of water and minimize their usage through initiatives like water conservation programs and wastewater treatment processes

#### **F. Transportation**

The college-owned vehicles are maintained and operated in a fashion that has the least impact on the environment. Unnecessary idling of school buses or other vehicles inside the college property will be discouraged. All students are encouraged to use the college transport buses instead of individual vehicles. Vehicle pooling awareness for transport to college is encouraged among students and staff members to reduce the carbon foot print.

#### **G. Awareness Programmes**

Awareness campaign is crucial in bringing about behavioral change. Some of the initiatives are

1. Carry our extensive multimedia Campaign through various medium such as- WhatsApp groups, Facebook pages, emails etc.
2. Extensive involvement of Volunteers to carry on the mass movements.
3. Department wise announcements to inform and educate the public about this initiative

#### **H. Monitoring and Auditing**

The green campus committee and waste disposal committee established in the college will meet once in a month to ensure the reduction of waste generation at source and review the safe practices of waste disposal. The committee will ensure for complying the commitment laid down in the environmental policy. Audits such as Environmental audit and Energy audit are performed every year to evaluate on the adherence to the laws, regulations and effective environmental practices.