

# PRINCE

**Shri Venkateshwara Padmavathy  
Engineering College**

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**MAMBAKAM-MEDAVAKAM ROAD,  
PONMAR, CHENNAI - 600127**

## **WASTE MANAGEMENT POLICY**

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*Reduce, Recycle and Reuse!*



**2018**

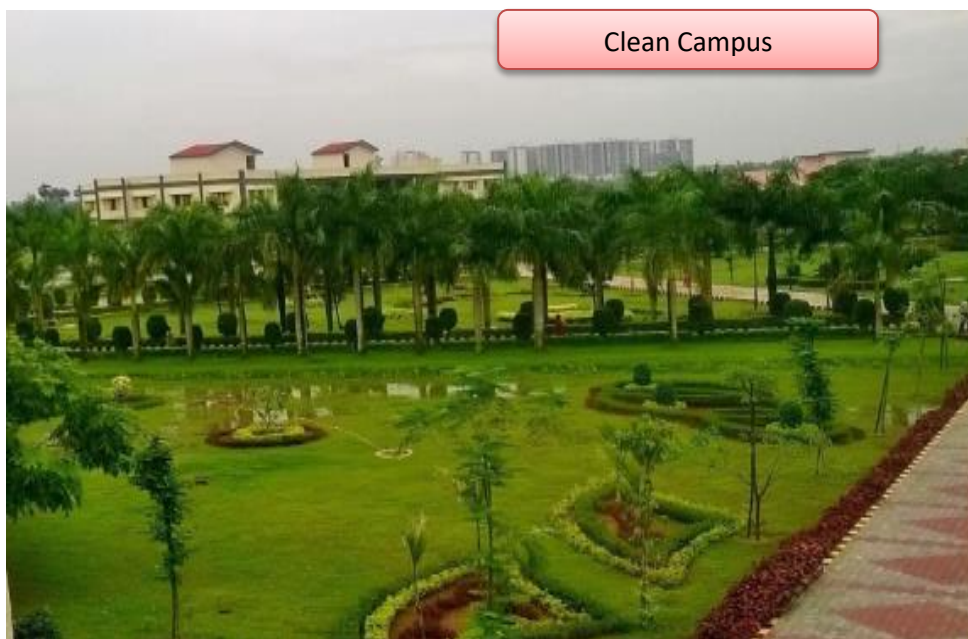
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### Our Mission

Adopt waste management systems and practice in the campus, educate the stakeholders for a sustainable future.

### Our Values

Excellence, Passion, Team Work, Integrity, Innovation,  
Sustainability, Valuing Others and Supportiveness



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## INTRODUCTION

Prince Shri Venkateshwara Padmavathy Engineering College (PSVPEC) is promoted by the Prince Educational Society. PSVPEC was started in 2001 and was approved by the All India Council for Technical Education (AICTE). Its vision is to make every student a successful. Our College that is located on a sprawling environment – friendly area with very calm atmosphere, on the outskirts of Chennai provides conducive ambience for learning. It takes the concept of education to a higher stratum. It's an experience that no other educational institution in the category can offer. It's about life-in all its dimensions: Educate Practice and Preach through the core values of “Truth, Love and Discipline”.

Set in 25 acres of beautiful gardens, the buildings are safe and idyllic. PSVPEC offers perfect surroundings for perfect learning. The campus is conveniently located in a peri-urban area, with excellent public transport links and a comprehensive list of bus routes. The campus is bounded by agricultural lands on the north and south, irrigation tanks and ponds, and Polachery village on the east and Ponmar, a developing village and a reserve forest on the west. The area has most of the water bodies like open wells, irrigation tanks, ponds, etc.



## **WASTE MANAGEMENT**

As PSVPEC has been making very distinctive contributions in the field of environment and sustainability, it shall pay considerable attention to minimize the production of waste on the campus. This policy envisages to guarantying the moral, social and legal responsibilities of the College in creating an environment-friendly and sustainable world devoid of waste and exploitation of nature. This policy is a guidance document to the faculty, staff and students to behave responsibly in the production of waste, waste segregation, storage, handling, transport and disposal.

## **THE POLICY VISION**

The policy envisions a community which is acutely conscious of the anthropogenic condition of the world and therefore strives to create an ecologically healthy, prospering and resource efficient community, where waste is considerably reduced, recycled, reused and disposed of using an environment friendly safe method.

## **POLICY OBJECTIVES**

- ❖ Create consciousness among faculty and students about the ways in which waste is generated and the means by which they can reduce waste generation and manage the waste they
- ❖ Give appropriate training to segregate hazardous and non-hazardous waste and dispose of them using appropriate method without creating further environmental pollution.
- ❖ Follow the five “R” principle of reduce, reuse, recycle, refuse and regenerate.
- ❖ Maintain the campus plastic free.
- ❖ To confirm that waste management is performed in accordance with all waste legislative requirements, including the duty of care, and to plan for future legislative changes and to mitigate their effects.
- ❖ To reduce waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost effective manner.
- ❖ To provide obviously defined roles and responsibilities to identify and co-ordinate each activity of the waste management.
- ❖ To endorse environmental awareness in order to increase and inspire waste minimisation, reuse and recycling.
- ❖ To devote into the expansion of recycling opportunities on the College campus and alter waste into value added products.
- ❖ To ensure the safe handling and storage of wastes on College campus.
- ❖ To deliver appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues.
- ❖ To encourage holistic approach of waste management in the campus.
- ❖ Educate and create awareness to the community about proper waste management through extension activities.
- ❖ Involve researchers and innovative members to work on feasible solutions for problems in waste management in the campus as well as for the society.

## **ACTION PLAN**

### **PAPER WASTE MANAGEMENT**

Being academic institution, waste paper is the main solid waste generated in the premises. Steps to minimise and recycle paper waste should be adopted:

- ❖ Prints and photocopies should be taken on both sides of the pages to avoid excess paper usage. Rather than photocopy, digitalization (scanning) should be practiced.
- ❖ The college library should be digitised and remote usage by students should be facilitated.
- ❖ The library is fully automated with bar-coded books, library membership smart cards are issued to students to get access to these books.
- ❖ Internal notices and communications should be through E mail/SMS.
- ❖ Faculty and administration staff should use old papers and envelopes for internal usages as rough work, file markers, page separators etc.
- ❖ Paper notices are displayed on the notice boards. The dissertation reports, journals, and answer papers are stored as per the University rules. Most of the storage is in computer laboratory, library and staff room. After couple of years, old submissions and answer papers will be archived and stored in a record room at ground floor. Old publications are still stored in the library.
- ❖ As per the memo, for the disposal of old newspaper scrap dealer is called by central purchase department.

### **E-WASTE MANAGEMENT**

- ❖ Electronic goods should be put to optimum use; the minor repairs should be set right by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, to be reused.
- ❖ Bins should be set up in college campus to collect e-waste. This helps to create awareness on e-waste among students.
- ❖ Collected E-waste should be analysed, reviewed and then safely disposed.
- ❖ E-waste is collected and given to authorized agency for dismantling and recycling as per TNPCB norms.

### **SOLID WASTE MANAGEMENT**

- ❖ Proper solid-waste collection centre should be made available in the campus.
- ❖ Biodegradable and non-biodegradable waste should be segregated and biodegradable waste should be used for compost.
- ❖ Construct vermi-compost pits to utilize the garden wastes and other bio-degradable wastes to produce manure which is used in gardening.
- ❖ Waste from the workshop and the chemistry lab should be disposed with due precautions.
- ❖ Plastic wastes are completely banned in the campus. No plastic policy is also formulated.

## LIQUID WASTE MANAGEMENT

- ❖ Waste water from canteen, kitchen, bathroom, cloth wash, vessel wash in hostels are should be treated and reused. The STP plays a major role in treating the waste water and the treated water is used for gardening purposes.
- ❖ Reuse of Waste Water to maximum possible extent is done.
- ❖ The RO waste water during filtration is collected and used for gardening.

## HAZARDOUS CHEMICAL WASTE MANAGEMENT

Use of hazardous liquid chemicals generating hazardous fumes shall be avoided using fume hoods installed in the laboratories. Hazardous waste generated shall be hand over periodically to the Municipality for safer waste disposal.

## COMMITTEE INVOLVED IN CLEAN CAMPUS: IQAC and ECO CLUB

### Clean Campus Committee members

1. Dr. G Indira, Principal
2. Dr. V Mahalakshmi, Convener/APMC
3. Ms. Kavitha KArthikeyan, Coordinator/IQAC
4. Dr. P Sharmila, Convener/Audit Committee & GRC
5. Dr. S Kathiresan, Hod/Mechanical
6. Dr. X Mercilin Raajini, NSS Program officer
7. Mr. Janakiraman, Rotaract PO
8. Ms. B Kalpana, Convener/ECO Club
9. Mr. G Sathi, Member
10. Mr. A R Aravind, Member



  
PRINCIPAL  
Prince Shri Venkateshwara Padmavathy  
Engineering College  
Ponmar, Chennai-600 127.