



# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu  
Mobile : 9842102628, 7373002628      Email: info@psyec.edu.in      Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

## 7.1.2 Management of the various types of degradable and Non-degradable Waste & waste conservation

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## GREEN CAMPUS INITIATIVE POLICY

**“Every green tree is far more glorious than if it were made of Gold and Silver”.**

A Green Campus is a place where environmentally friendly practices and education combined to promote sustainable and eco – friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture. Continuing to develop and implements the integrated green campus policy, our institute implement the following practices towards establishment and maintenance of the green campus.

This involves efforts to reduce and waste, conserve resources and maintain an ecological balance by:

- ❖ Conserving energy or shifting to renewable energy.
- ❖ Reducing waste or using biodegradable or reusable/recyclable Products.
- ❖ Transitioning too locally- sourced materials or eco-friendly delivery methods.



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## DEGRADABLE AND NON-DEGRADABLE POLICY

Effective waste management through efficient disposal of recycling in an important process for any organization as it impacts the health and the environment community. Therefore, providing a healthy and safe environment is our top priority.

### 1. Solid waste management

Solid waste is routinely collected in dustbin at different locations emptied in moveable containers and carts, after segregation in to different types of bio and non-bio degradable waste and taken into the dumping yard.

### 2. Liquid waste management

The non – usable liquid waste is sent through proper drainage to drainage system.

### 3. E -Waste Management

E-Waste from laboratories is properly collected and is given to licensed recycler. Non-Working Computers, monitors and printers are discarded and scrapped on a systemic basis. Students are also imparted awareness and education about E-waste.

### 4. Water Recycling System

Rain water is collected from the Main building, hostels and all other buildings in our college. The entire rain water is diverted to the rain water harvesting pit near the college staff quarters.



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## ENERGY RESOURCES POLICY

### Scope:

To promote renewable energy resource utilization and to provide an eco-friendly, sustainable environment.

### Policy:

PSYEC is continually committed to utilize renewable energy in order to reduce energy costs and fossil fuels. This will be achieved by:

- Creating awareness among the stake holders about energy saving through posters and placards.
- Ensuring building with proper insulation.
- Regular maintenance of AC systems.
- Adhering to all applicable legal and regularity standard on energy consumption and efficiency.
- Encouraging the use of renewable energy sources and lowering greenhouse gas emission.
- Enabling power management settings on computer and laser printer to cut back on wasteful energy.
- Turning off unnecessary light, equipment's when not in use
- Using of LED or Compact Fluorescent Bulbs.
- The usage of non-priority loads is switched on or off to during non-peak hours.



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- Ensuring sufficient power of backup energy on college campus
- Solar plant is installed in the top of campus and the power is utilized for ON-GRID inside the campus.
- LED bulbs and power efficient equipment's are used for power consumption.
- Get an energy audit.
- Making full use of natural light and ventilation



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## WATER CONSERVATION POLICY

### Scope:

The promote Water Conservation policy aims to encourage all the stakeholders of PSYEC to understand the importance of water conservation as well as increase the water conservation in college campus through methods that are consistent and safe.

### Policy:

- A network of rain harvesting systems ensures continuous recharging of ground water table. The rain water harvesting wells are already constructed and maintained in the institute as per the standard guidelines.
- The drip irrigation system is used to water the trees and plants.
- Placards are in place to provide the awareness on water conservation.
- Regular and periodic maintenance of pipe fitting and taps are conducted to prevent the leakages of water.
- The ground water is pumped into storage tanks located at different places in the campus. There are four numbers of overhead storage tanks in the campus. The water is distributed through well laid pipe network.
- Waste water from the RO plant is utilized for watering the trees and plants.
- Entire distribution system is well supervised by civil works committee to ensure that there are no leakages and wastages of precious water through joints, valves etc.





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## DIVJANGJAN POLICY

**“There is no greater disability in the society than inability to see a person as more”**

### **Objective:**

- To emphasize that applicants must be considered for employment according to their aptitudes, abilities, and qualifications, and that applicants with a disability are not at any substantial disadvantage compared to non-disabled applicants.
- To provide information within the University on the recruitment of those with disabilities.
- To assist staff who develop a disability during their employment to adapt to the disability and, where reasonable changes to premises or employment arrangements can be made, to enable them to continue in post or take alternative employment.

### **Changes in the work environment:**

Reasonable changes must be made to the physical features of the workplace, including fixtures and fittings, furniture, and stairways (Ramp). These changes might, for example, include widening doorways to make possible wheelchair access, altering the lighting for people with restricted vision, allocating a parking space for the car of a person with a disability, and ensuring that there are adequate toilet facilities.



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## **Treatment of members of staff with Disability:**

- In order to be properly integrated into the workforce, members of staff with a disability must be accepted by their colleagues.
- Individuals should be asked whether they wish their colleagues to be informed of their disability, and senior and advisory staff should follow their wishes in this respect. In exceptional cases advice may be sought from the appropriate authority
- Staff with a disability should be given the same training opportunities as others.
- If special arrangements are deemed to be necessary, advice should be sought from the appropriate authority.
- Any factor relevant to promotion which suggests that a disability might handicap performance in a higher grade should be examined carefully by the Head of the institution.