



Yashoda Shikshan Prasarak Mandal's  
**YASHODA TECHNICAL CAMPUS, SATARA**

**Policy Document on Clean, Green Campus/Plastic Free Campus initiatives**

Yashoda Technical Campus, is dedicated to managing its campus in line with its Clean and Green and Energy efficient Campus. This commitment is achieved through the establishment of various infrastructure and the implementation of specific activities. These include:

1. Landscaping with Trees and Plants
2. Ban on Single-Use Plastic
3. 67 Kwh Solar Plant in the Campus
4. Use of LED Bulbs/Tubes and Power Efficient Equipments.
5. Rainwater Harvesting
6. Solid Waste Management
7. Liquid Waste Management
8. Hazardous Chemical Waste Management
9. Water Management
10. E-waste Management
11. Display Boards to Promote Environmental Sensibility on College Campus
12. Observance of Days to Protect and Nurture Environment
13. The Green, Environmental and Energy Audit

**Landscaping with Trees and Plants.**

The Clean and Green Policy of Yashoda Technical Campus, Satara emphasizes the importance of planting diverse ornamental, medicinal and wild trees within and outside the campus. To maintain a clean and green environment, the college has employed gardeners and support staff to take care of the gardens and ensure the campus remains litter-free. The NSS Units are responsible for organizing tree plantation drives.

**Ban on Single-Use Plastic.**

The campus of Yashoda Technical Campus, Satara is a plastic-free campus where there is a complete ban on single-use plastics in classrooms, laboratories, canteen, hostel and in the other premises. The college facilitates environment friendly substitutes like in the canteen to serve only in stainless steel or paper plates/glasses/cups to systematically ban the use of plastics on the campus.



### **67 Kwh Solar Plant in the Campus.**

The college established a 67 kWh Solar Energy Plant (Proposed to increase capacity) on the campus. Since the installation of these solar panels, there has been a significant decrease in the college's MSEDCL Electricity Bills.

### **Use of LED Bulbs/Tubes and Power Efficient Equipment.**

Over 60% of the college's electric lights and all of its computers are equipped with LED technology. Additionally, other equipment purchases are made with consideration for their power efficiency.

### **Rainwater Harvesting.**

The college promotes rainwater conservation by implementing rainwater harvesting techniques. Rainwater from the rooftop is directed through pipelines to wells or collected in large tanks. Any excess rainwater from these tanks is discharged into soak-pits to recharge the groundwater. The collected rainwater is also used to water the plants in the college's Medico-Botanical Garden. Additionally, any surplus water in the water collection tanks is discharged into a pit to further recharge the groundwater.

### **Solid Waste Management**

The solid waste generated on campus is separated into biodegradable and non-biodegradable waste. It is then given to the concerning personnel. All the Departments, laboratories and Classrooms are provided with dustbins for dry waste disposal. Segregation of the waste into dry and wet waste is done through the separately allotted dustbins at strategic locations in the college.

### **Liquid Waste Management**

Liquid waste from the labs & the wash rooms is collected and disposed appropriately. The waste liquids are disposed through well-constructed drainage system. The chemistry laboratory has a separate basin specifically designated for hazardous chemical waste. The liquid which does not pose any harm to the environment, it can be allowed to percolate into the soil, preventing the accumulation of stagnant water and facilitating groundwater recharge. Both the non-hazardous and hazardous liquid waste from the laboratories are percolated into the soil through different water percolation systems. These percolation pits also function as rainwater harvesting systems. To enhance percolation, the pits are filled with gravel/pebbles followed by river sand.

### **Hazardous Chemical Waste Management**

The faculty members guide all the students for the proper use and handling of chemicals. We have planned to minimize the use of hazardous chemicals related experiments. Even though during the synthesis if some hazardous



chemicals may be form, chemicals are diluted before discarding it. The water soluble chemicals are solubilized in water first and disposed through the sanitary sewage system. There is a prohibition burning of single use plastic in the campus. During any experimentation no radioactive material are involved.

#### **Water Management**

The college administration closely supervises the entire distribution system to prevent water leakages and wastage through pipelines and taps. The administrative staff regularly cleans the water tanks and all members of the college community are educated on the importance of water conservation. Rainwater from the college buildings is directed to the groundwater recharge and the rooftops are kept clean to avoid contamination of the rainwater. In addition to this, through organizing cleanliness drives and water awareness campaigns, the College NSS volunteers also trying to work hard.

#### **E-waste Management**

The well-defined E-waste disposal policy is in place. The campus has a centralized facility for the collection, housekeeping and disposal of e-waste such as servers, scanners, printers etc. are centrally collected and disposed accordingly. The students and faculty have also involved in the maintenance and repairs of the instruments and experimental kits, which led to increase their life and the optimum uses. This have not only become a step towards the E-waste management but also cultivated innovative ideas among the students and the faculty. The students have also gained many skills through these activities.

#### **Display Boards to Promote Environmental Sensibility on College Campus**

Various boards promoting environmental awareness and ethics such as air pollution control, plastic-free campus, energy conservation (Switch off the buttons when not in use, etc ), resource recycling, tree plantation and nature conservation, are displayed for all college stakeholders. This helps raise awareness among young students and stakeholders.

#### **Observance of Days to Protect and Nurture Environment**

The organization of various events such as rallies, awareness campaigns, cleanliness drives, seminars, conferences, workshops, presentations, tree plantation drives, rangoli competitions, essay competitions, study tours, guest lectures and talks on special occasions like the 'World Environment Day' (05 June), 'World Water Day' (22 March), 'Mahatma Gandhi Jayanti' (02 October), about various environmental issues and the importance of conserving nature and natural resources in their surroundings. These events also educate people on how to live an eco-friendly life.

#### **The Green, Environmental and Energy Audit**

The Green, Environmental and Energy Audit of the college is done by '03 SPACES, Architects and Environment Consultants' The initiative regarding this is taken by the 'Yashoda Technical Campus, Satara'.

