



# TAGORE MEDICAL COLLEGE & HOSPITAL

Rathinamangalam, Melakkottaiyur Post, Chennai - 600127.

Phone : 044-30101111, Fax : 044-222 5555, Email: tagoremch@gmail.com



(Affiliated to the Tamil Nadu Dr.MGR Medical University & Recognized by the Ministry of Health & Family welfare. Govt. of India New Delhi)

<b>GREEN CAMPUS POLICY</b>	<b>Policy No</b> : 11
	<b>Issue No</b> : 02
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<b>Next Revision</b>	2026

<b>POLICY</b>	Tagore Medical College and Hospital envisions to create a Clean and Green Campus where environmental friendly practices and education combine to promote sustainable and eco- friendly practices in the campus and beyond the campus. The Green campus policy offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics and responsibility among the students and staff.
<b>PURPOSE</b>	To create environmental consciousness among the society and actively involved in the activities to protect the planet earth from the unscrupulous human invasions for a sustainable,pollution-free and healthy life ahead.
<b>SCOPE</b>	<p>To sensitize the students and the staff to minimize the use of polluting products and use environment-friendly products and services.</p> <p>To instill the importance of cleanliness for a healthy life.</p> <p>To Create awareness about environmental issues by organizing Events, Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Workshops, presentations, Tree Plantation Drives, Wildlife Photography Competitions, Rangoli Competitions, Essay Competitions, Bird Watching Programs, Excursions, Study Tours, Guest Lectures, Talks, etc.</p> <p>To make students and staff aware about raising voice against the hazardous practices destroying Nature and promote environment friendly practices among the society.</p> <p>Initiatives Taken to Implement the Clean and Green Campus Policy</p>
<b>PROCEDURE</b>	The Institution is committed to managing its campus in accordance with its Clean and Green Campus Policy by establishing the following infrastructure and carrying out the following activities:

  
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- Landscaping with Trees and Plants
- Ban on Single-Use Plastic
- Solar Power lights in the College
- Street Lights Controller
- Use of LED Bulbs/Tubes and Power Efficient Equipment's
- Solar Water Heater in the Girls and Boys Hostel
- Rainwater Harvesting
- Paperless Office and Communication
- Solid Waste Management
- Laboratory liquid waste management system through percolation system: -
- Hazardous Chemical Waste Management
- Water Management
- E-waste Management
- Display Boards to Promote Environmental Sensibility on College Campus
- Observance of Days to protect and Nurture Environment
- The Green, Environmental and Energy Audit
- Dedicated Section for the Environment Consciousness in a creative Wall Magazine
- Landscaping with Trees and Plants

As per the Clean and Green Policy of the Tagore medical College and hospital, Chennai, the college strives to plant various types of ornamental and medicinal variety, wild plant species of trees in large numbers within and outside the campus. Gardeners and full time adequate support staff have been appointed for the maintenance of gardens and keeping the campus litter-free, clean and Green Campus. The College Herbal Garden, is looked after and maintained by the Department of pharmacology

  
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The tree-plantation drives are undertaken by the college on regular basis generally in the month of July every year.

#### **Ban on Single-Use Plastic**

The campus of Tagore medical College and hospital 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 stainless steel, washable and reusable tumblers at all water units and mandates the canteen to serve only in stainless steel or paper plates/glasses/cups to systematically ban the use of plastics on the campus.

#### **Observance of Green Thursday**

As per the suggestion of the administration and also to ensure environmental consciousness, It is unanimously decided on the Ozone Day, 16 September, 2022 by the college administration including the Teaching and Non-teaching staff of the college that now onwards, every Thursday will be observed as GREEN THURSDAY in the college campus and that the students and the staff of the college will refrain from using any form of single use plastic

#### **Solar Power in the College**

The college has established Solar power lights and Automatic cutoff lights in the campus for energy conservation

#### **Street Lights Controller**

To minimize the use of electricity consumption and make the maximum utilization of the available resources, the college has installed Solar Photovoltaic Device with 20Wp PV module, 12Ah SMF battery, PWM Charge Controller, PV current sensing system for Dusk to Dawn fully automatic ON/OFF switching of street lights. 11 Sensor-based LED Solar Power Street Lights are installed from the entrance to the college.

Use of LED bulbs/ Power-Efficient Equipment's

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More than 90% electric lights and all the computers of the college are LED enabled. The other equipment's are also purchased taking into account their power-efficiency.

**Solar Water Heater in the Girls and Boys Hostel**

Apart from the Solar Energy Plant for the Street Lights, Solar Water Heater is installed in the Girls and Boys Hostel of the college for fulfilling the requirement of Hot water.

### **Rainwater Harvesting**

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well-connected pipelines to the wells or is collected in the large water harvesting tanks and the overflowing rain-water from these tanks is discharged in the soak-pits for ground water recharge. Both the wells in the college and in the Girls and boys Hostel are connected to rooftop rainwater harvesting system and the collected rain-water is discharged to the wells. Rain water collected and used to recharge the water table.

### **Paperless Office and Communication: -**

The college has a policy to minimize the use of paper in all types of official/academic communication of the college through E- Communication. The use of paper is substantially reduced through digitization. One-side blank pages are used to avoid wastage of paper. All the college staff have been provided the college E-mail IDs and through which they make all the required official and college-related communication. WhatsApp - Class-wise groups, Department wise groups, Committee wise groups have been formed which have reduced the usage of paper in notices and circulars.

This practice has proved highly beneficial to save money, boost productivity, save space, make documentation and information sharing easier, and help the environment.

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## **Solid waste Management**

The Solid waste generated in the campus is segregated as bio degradable and non-degradable and handed over to "G. J Multivalve (India) Pvt. Ltd, Chennai." All the Departments, laboratories, and Classrooms are provided with dustbins for dry wastagedisposal. Segregation of the waste into dry and wet waste ia done through the separately allotted dustbins at strategic locations in the college.

## **Liquid waste Management**

Laboratory liquid waste management system through percolation system: -

Two Soak Pits for groundwater recharge are constructed for non-hazardous liquid westgenerated from labs. Chemistry laboratory have separate basin marked with hazardous chemical waste. In this liquid waste can be defined as waste water of practical without chemical. This is the liquid used for washing purpose other than reaction. As this liquid is nothazardous to environment so it can be percolate in the soil so as to avoid stagnant water andto facilitate ground water recharge. The hazardous liquid containing chemicals get transfer to Laboratory Hazardous Chemical waste disposal unit. This waste liquid of both laboratories is percolate in to the soil through different water percolation system. This percolation pit is also

Like rain water harvesting system The pit is filled with gravel/pebbles followed by river sand for better percolation.

## **Hazardous Chemical Waste Management**

The institution has planned to minimize the use of hazardous chemicals related experiments Even though during the synthesis if some hazardous chemicals may be form, diluted chemicals are diluted before discarding in wash basin. The basin is Marked for the disposal hazardous chemical waste and all the chemical waste is collected in a separate tank set up outside the laboratory. The chemical effluent is further carried away by the firm G.J Multivalve (India) Pvt. Ltd,

  
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Chennai for the treatment. The agreement letter regarding this is signed by the Department for the chemical-free environment of college campus.

### **Water Management**

The water for all other purposes is supplied through another set of distribution pipes. The college has two wells with ample water. The ground water from the wells is pumped into the storage tanks / elevated service reservoirs located at different places in the campus. The water is distributed through well-laid pipe network.

Entire distribution system is well supervised by the college administration to ensure that there are no leakages and wastages of water through leakages in the pipelines and the water-taps etc. Regular cleaning of the water tanks is regulated by the administrative staff of the college. All the stakeholders of the college are well-educated to use water economically and efficiently.

Rainwater from the different college buildings is taken to the wells for ground-water recharge. A proper care is also taken to keep the rooftops cleaned so that unnecessary garbage does not mix with the rainwater leading towards the well. The inlets of these tanks are controlled by the ball-valves to avoid water overflows.

### **E-waste Management**

E- Waste management by the Department of Physics Components and other small devices/parts of non-repairable equipment's are used to fabricate new experimental kits / power supplies. This is one of the best practices of the Physics department.

The department has started reusing the electronic components from the discarded instruments, PCs, UPS, etc. such as transformers, transistors, ICs, Capacitors, Inductors, Resistors, Connectors, Sockets, Switches, Wires, LEDs and other electronic or electrical devices to fabricate the instruments and experimental kits that are used in the Physics Laboratory.

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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 including Quotes that promote environmental awareness and ethics including air-pollution control, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the stakeholders of the college. Observance of Days to Protect and Nurture Environment.

The organization of various events like Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Conferences, Workshops, presentations, Tree Plantation Drives, Wildlife Photography Competitions, Rangoli Competitions, Essay Competitions, Bird Watching Programs, Excursions, Study Tours, Guest Lectures, Talks, etc. on the occasion of various days like- 'International Day for the Preservation of the Ozone Layer' (16 September), 'World Environment Day' (05 June), 'International Tiger Day' (29 July), 'Wildlife Week' (02 to 08 October), 'World Biodiversity Day' (22 May), 'World Wetland Day' (02 February), 'World Water Day' (22 March), 'World Sparrow Day' (20 March), 'Great Backyard Bird Count (GBBC)' (14 February), Mahatma Gandhi Jayant (02 October), 'Army Day' (15 January) 'Bird Week' in first week of November, etc. ensures to create awareness among young students and public about various environment related problems and conservation of Nature and natural resources in the surrounding area and educating 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 regularly to prevent energy loss and conserve energy by finding potential energy leaks and wastage

  
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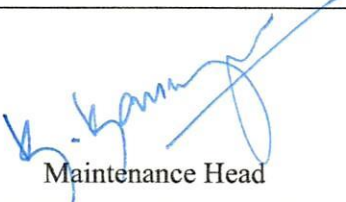
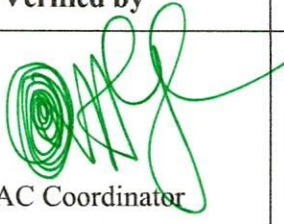
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<b>Frequency</b>	3 Years
<b>Related/Supportive Documents</b>	As Per University Norms
<b>Custodian</b>	IQAC Coordinator

Prepared by	Verified by	Approved by
 Maintenance Head	 IQAC Coordinator	 Dean

IQAC Co-ordinator  
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