



GANESAR COLLEGE OF ARTS AND SCIENCE

(Accredited with 'B' grade by NAAC)

MELAISIVAPURI - 622 403, PUDUKKOTTAI, TAMILNADU

Phone: 04333 - 247218, 247603

7.1.2: The Institution has facilities and initiatives for

Alternate sources of energy and energy conservation measures

The college has taken a huge step toward sustainable energy by installing solar panels on its rooftop. These solar panels, each having a capacity of 2 KW, efficiently harness solar energy, which is subsequently used to power essential areas on campus, such as the principal's room and the college office. By embracing solar power, the college has made significant progress toward lowering its reliance on electricity from the Tamil Nadu State Electricity Board. The solar panels' regular energy production not only provides a dependable and environmentally beneficial power supply, but also helps to reduce the institution's overall carbon footprint.




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Management of the various types of degradable and nondegradable waste

Solid Waste Management

Solid waste refers to all no-liquid wastes and used to refer the process of collecting and treating solid wastes. Waste generated from tree droppings and lawn management is major solid waste generated in the campus. Separate dustbins are provided for Bio-degradable and Plastic waste in order to segregate them at the source itself. Single sided used papers are reused for writing and printing in all the departments to minimize the usage of papers. Important and confidential reports/ papers are sent for pulping and recycling after completion of their preservation period. Chemical waste generated in laboratories that are potentially hazardous are segregated. Very less plastic waste (0.1Kg/day) is generated by some departments, office, garden etc Metal waste and wooden waste is stored and sent to authorized scrap agents for further processing. Glass bottles are reused in the laboratories. The college had Placed separate bins to collect biodegradable and non-biodegradable waste generated in the campus.




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Water conservation

Liquid Management

They have a Main RO plant is installed in the college of 1000Ltr/hr and supplied to all the blocks in the campus which is easily access to all the students & staffs to provide water for drinking Cooking.

Maintenance of Water Tanks and distribution systems



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E-Waste Management

E-waste Management E-waste is a consumer and business electronic equipment that is near or at the end of its useful life. This waste makes up about 5% of all municipal solid waste worldwide. It is hazardous than other waste because electronic components contain cadmium, lead, mercury, and Polychlorinated biphenyls (PCBs) that can damage human health and the environment. E-waste generated in the campus is of minimal quantity. It is being effectively managed, keeping in mind the environmental hazards that may arise if not disposed properly. The cartridges of laser printers are refilled outside the college campus. Administration Awareness programmes are being conducted regarding E-waste Management in various departments. The E-wastes and defective items from computer laboratories are being stored properly. The dismantled hardware of personal computers are used in PC trouble shooting lab. This is put to use to conduct practical courses for Students. The dismantled electronic spare parts are immediately sold for reuse. The minimal amount of e-waste that is generated after reusing is sent to recycler at specific intervals



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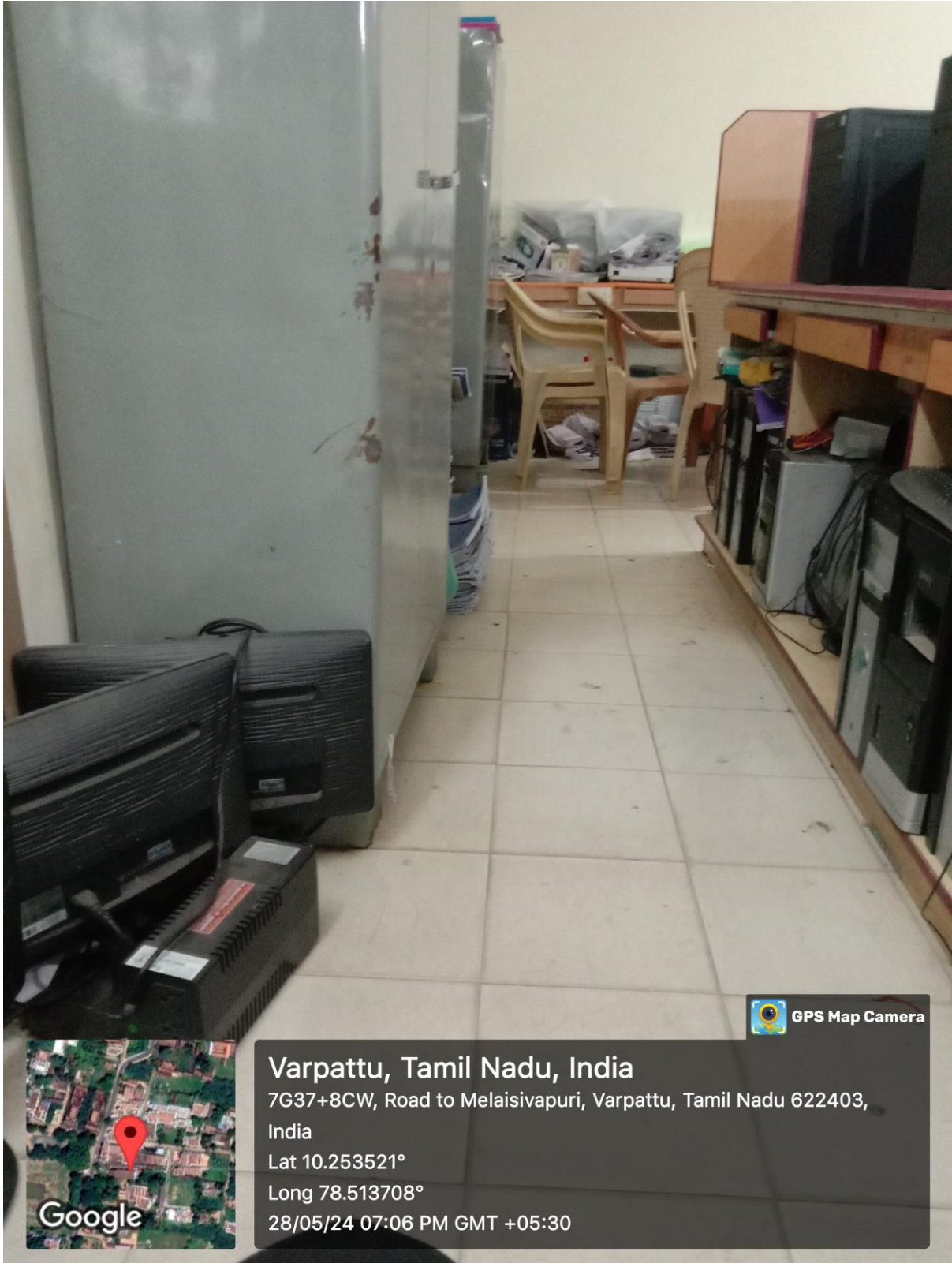


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GPS Map Camera



Varpattu, Tamil Nadu, India

7G37+8CW, Road to Melaisivapuri, Varpattu, Tamil Nadu 622403, India

Lat 10.253521°

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Green campus initiatives

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy enacted, enforced and reviewed using various environmental awareness programmes. Campus is located in the vicinity of many trees (species) to maintain the bio diversity. Various tree plantation programs are being organized at college campus and surrounding villages through NSS (National Service Scheme) unit. This program helps in encouraging eco-friendly environment which provides pure oxygen within the institute and awareness among villagers. The plantation program includes various type of indigenous species of ornamental and medicinal wild plant species. The college cultivates vegetables for its own use through organic farming initiatives.

The list of few important green initiatives and good environmental practices adopted by the campus is given below.


- ✚ Rainwater harvesting pits are constructed at appropriate locations to improve local ground water table.
- ✚ Installed solar Plant to meet partial power requirement of the Campus.
- ✚ Replaced 60% of CFL lights with LED lights as part of energy conservation measures. Also, some of the old fans were replaced with energy efficient super fans.
- ✚ Engagement of authorized paper recycling vendor to manage bulk paper waste generated.
- ✚ Establishment of Organic Cultivation
- ✚ Celebration of World Environment Day and creating Environment Awareness to all Students & Staffs
- ✚ Restricted movement of vehicles inside the campus. Parking space inside campus is provided for vehicles, however, no movement of vehicles inside campus is encouraged.
- ✚ Awareness posters on resource conservation, good sanitation and hygiene drive.
- ✚ Strictly follow the Plastic Free zone inside the campus is Encouraged


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