

SSJIPER GREEN CAMPUS POLICY

The Green Campus Policy of the college envisions a Clean and Green Campus where environmental friendly practices and education combine to promote sustainable and ecofriendly practices in the campus and beyond the campus. It also offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among the students and staff.

Mission-

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.

Objectives

• To sensitize the students and the staff to minimize the use of polluting products and use environment-friendly products and services.

• To instill the importance of cleanliness for a healthy life

• 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.

• To make students and staff aware about raising voice against the hazardous practices destroying Nature and promote environment friendly practices among the society.

Initiatives Taken to Implement the Clean and Green Campus Policy

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:

- Landscaping with Trees and Plants
- Ban on Single-Use Plastic
- Observance of Green Thursday to Restrict the Use of Petrol/Diesel Vehicles
- 30 Kv. Solar Plant in the College
- Street Lights Controller Use of LED Bulbs/Tubes and Power Efficient Equipments
- Rainwater Harvesting
- Biogas Plant
- Paperless Office and Communication

• Environmental Air Quality Monitoring of Amravati City and the Establishment of 'Continuous Ambient Air Quality Monitoring Station'

- 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
- Installation of Incinerator in the Girls' Common Room
- 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 Shri Sureshdada Jain Institute of Pharmaceutical Education and Research Jamner 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 Green, Environmental and Energy Audit -

The Green, Environmental and Energy Audit of the college is done by Shri Sureshdada Jain Institute of Pharmaceutical Education and Research, Jamner. The initiative regarding this is taken by the Department of Environment Science of the college. Dedicated Section for the Environment Consciousness in a creative Wall Magazine Issues pertaining to Environment and Sustainability are addresses through lessons and poems prescribed for the subjects like Compulsory English, Supplementary English, Marathi and Hindi. However, there is a Dedicated Section for the Environment Consciousness in the "Ingenuity- A Students' Space"a creative wall magazine of the college where the students are promoted to write and display their write-ups regarding environmental sensibility

In order to create awareness regarding environmental pollution of which disposal of solid waste material is one of the major issues. For this we decided to explain hazards of excessive use of polythene bags and packing materials which causes toxic effects on food materials and blocks our drainage system, particularly during rainy season. Large scale uses of polythene glasses and plates in marriages and parties have created havoc for animals and birds.

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. The wells in the college are





connected to rooftop rainwater harvesting system and the collected rain-water is discharged to the wells.

Rain water collected in the tank is supplied to the plants in the Medico- Botanical Garden of the college. The college has established two tanks near the Department of Chemistry for the collection of rain-water which is used for the laboratory use. In addition to this, the overflowing rain water from these tanks is carried to the soak pit for ground water recharge Excess Water in the Water Harvesting Water Collection Tanks is discharged in the Pit for Groundwater Recharge

There are two major techniques of rainwater harvesting.

1. Surface runoff harvesting In this method, rainwater flows away as surface runoff and can be stored for future use. Surface water can be stored by diverting the flow of small creeks and streams into reservoirs on the surface or underground. It can provide water for farming, for cattle and for general domestic use. Surface runoff harvesting is most suitable in urban areas.

2. Groundwater Recharge- Groundwater recharge is a hydrologic process where water moves downward from surface water to groundwater. Recharge is the primary method through which water enters an aquifer. The aquifer also serves as a distribution system. The surplus rainwater can then be used to recharge groundwater aquifers through artificial recharge techniques.

Water Management-

The water for all other purposes is supplied through another set of distribution pipes. The College has one well 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 is 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.

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.

Donation of Used Computers to Schools

Our college always take an initiative in reducing the digital divide in the rapidly growing digital world. The e-waste of the college is generally not thrown into garbage. Instead, these unwanted/excess computer machines / devices / printers / scanners / keyboards / mouse etc. are transferred or distributed among all the schools and colleges coming under Shri Sureshdada Jain Institute of Pharmaceutical education and research, Jamner. Every year some computers are donated to the various schools so that the students belonging to rural areas get computers for practical. This way, our college is serving for the society too.

Ban on use of Plastic

Plastic Free Campus: The College sensitizes the staff and students to deal with the threat of plastic, a major contributor to worldwide pollution. Since we believe in eco-friendly campus; everyone is dis courage from using plastic bags and adopted the 3 R's Reduce/ Reuse/ Recycle. Signboards /osters are displayed on the college campus for encouraging ideas of a plastic free environment.





Observance of Green Thursday to Restrict the Use of Petrol/Diesel Vehicles

As per the suggestion of the Department of Environment Science of the college and also to ensure environmental consciousness, It is unanimously decided on the Ozone Day, 16September, 2017 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 be promoted to make use of bicycles, battery-operated E-bikes and the petrol/diesel vehicles will be restricted inside the college campus.

Solid waste Management

The Solid waste generated in the campus is segregated as bio degradable and non-degradable and handed over to Jamner municipal Corporation as a part of Swachh Bharat Abhiyan and "Our Jamner, Clean Jamner" All the Departments, laboratories, and Classrooms are provided with dustbins for dry wastage disposal. Segregation of the waste into dry and wet waste 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 west generated 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 not hazardous to environment so it can be percolate in the soil so as to avoid stagnant water and to 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.





Report on Green Campus and Environment –Facilities and Activities at Sureshdada Jain College of Pharmacy, Jamner

As the Principal of Sureshdada Jain College of Pharmacy, I am Pleased to tale on various initiatives taken by our institution to promote green campus and environment friendly facilities and activities.

We believe that it is our responsibility to reduce our environmental impact and promote sustainable practices. To this end, we have implemented several measures to minimize our Carbon footprint and create a cleaner and greener environment for our students and staff.

Waste management: we have implemented a source segregation system for the collection of dry and waste, with color coded waste bins placed at every corner and common room, our housekeeping staff is trained to follow these waste management practices, and collected waste is handed over to the local authority for proper disposal.

Paperless operations-we have a developed ERP System for all academics and administrative Activities to minimize paper usage. This includes online admission-learning platforms and digital record keeping.

Energy Conservation: we have implemented several measures to conserve energy including using energy effective lighting and conditioning system, installing LED light and encouraging the uses of natural lights and ventilation.

Water Conservation: we have installed rain water harvesting system, low flow fixtures and reduce wastage

Green spaces: We have created green spaces on our campus, including botanical garden, herbal garden. We promote biodiversity but also provide a natural space for our students to relax and unwind.

Environment: Friendly activities: we organize various environments friendly activities including tree plantation drives, eco-friendly celebration of festivals and awareness campaigns on environmental issues.





All these initiatives have contributed to our efforts to promote green campus and environment friendly facilities and activities. We believes that these measures will help to create a better and healthier environment for our students and staff and inspire our community to make a positive impact on environment.





Notice-Green policies implemented by Sureshdada Jain College of Pharmacy, Jamner

Dear Students and staff,

We are happy to announce that Sureshdada Jain College of Pharmacy has implemented various green policies to decrease our environmental impact and support sustainability.

Our college has implemented a source isolation system for the collection of dry and waste with color coded waste bins placed at every corner and common room, our housekeeping staff is trained to follow these waste management practices, and collected waste is handed over to the local authority for proper disposal.

To minimize paper usage, we have developed enterprises resources planning system for all academics and administrative activities. Additonally we collect the disposal of liquid waste from labs and washrooms through a well-constructed drainage system.

In the terms of non-degradable waste management, and faculty members guide students on the proper use and handling of chemicals in the labs, we promote the use of less hazardous chemicals. We also disposal of water soluble chemicals through the sewage system after solubilizing them in water.

Moreover, we have banned the use of plastic on our campus to reduce non-degradable waste.

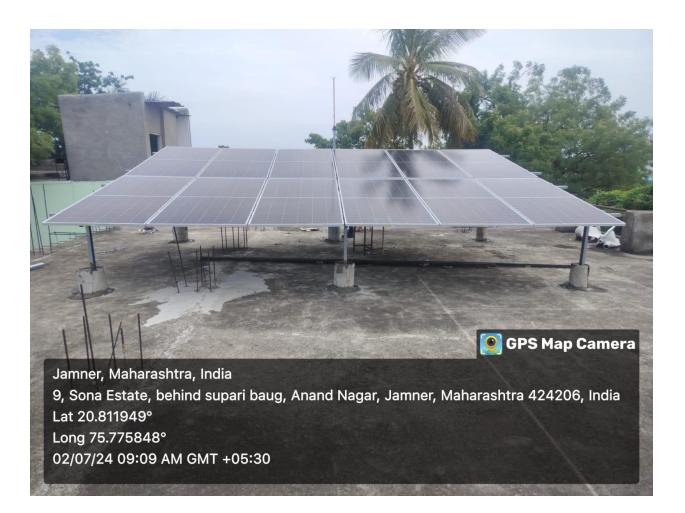
We wish that these policies will generate a cleaner and greener environment for all us to survival and work in. We support everyone to maintain these initiatives and help us to make a positive impact on environment.

Thank you for your collaboration.





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Solar System



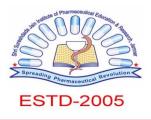


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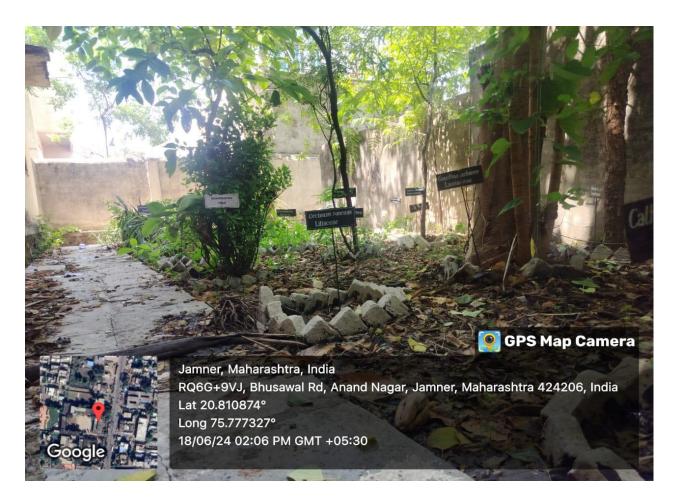


Green campus Initiatives





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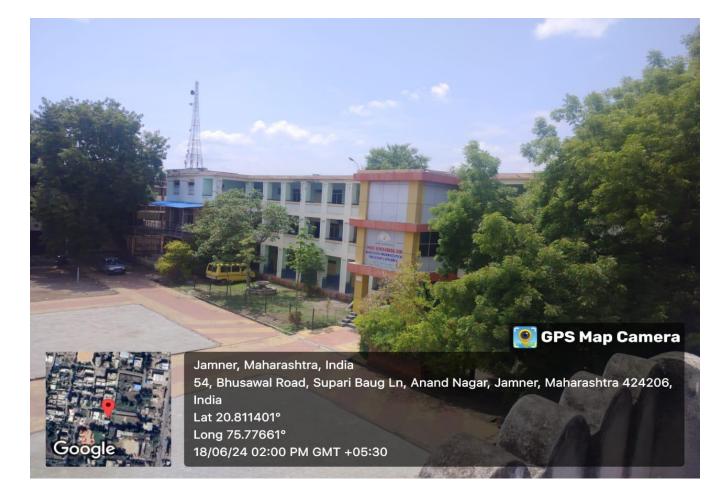


Green Campus Pedestrian Friendly pathway



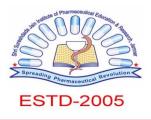


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Well ventilated environment



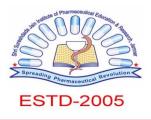


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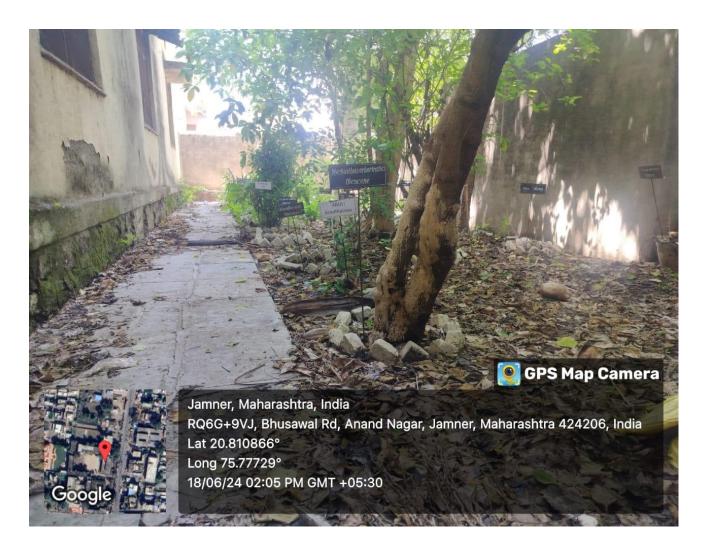


Landscaping with trees and plants



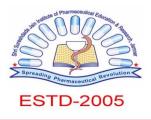


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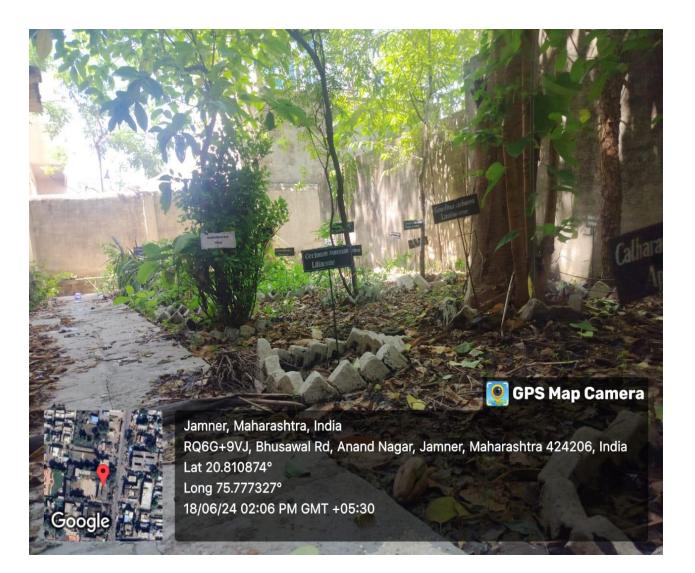


Medicinal Garden





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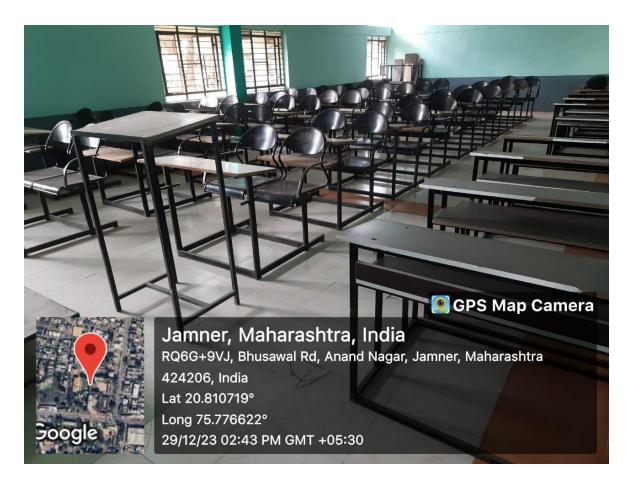


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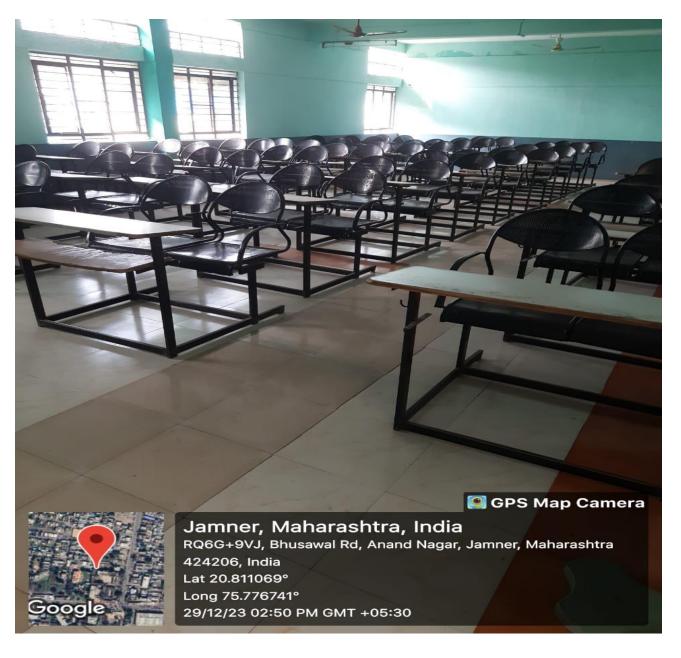


Classroom I





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Classroom II





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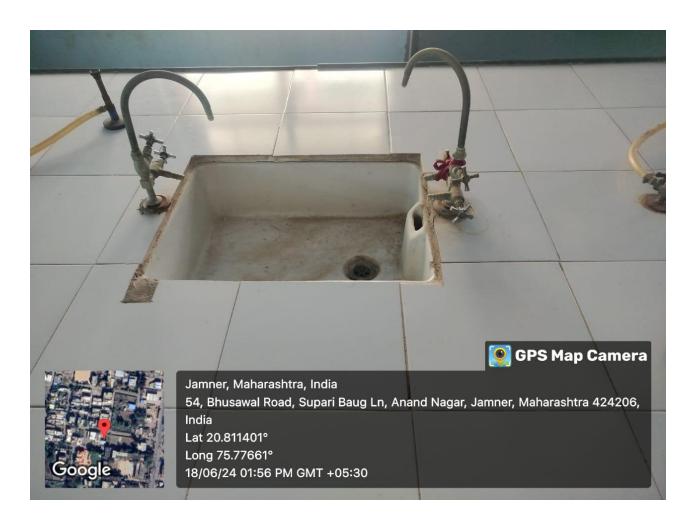


Outer Water Drainage





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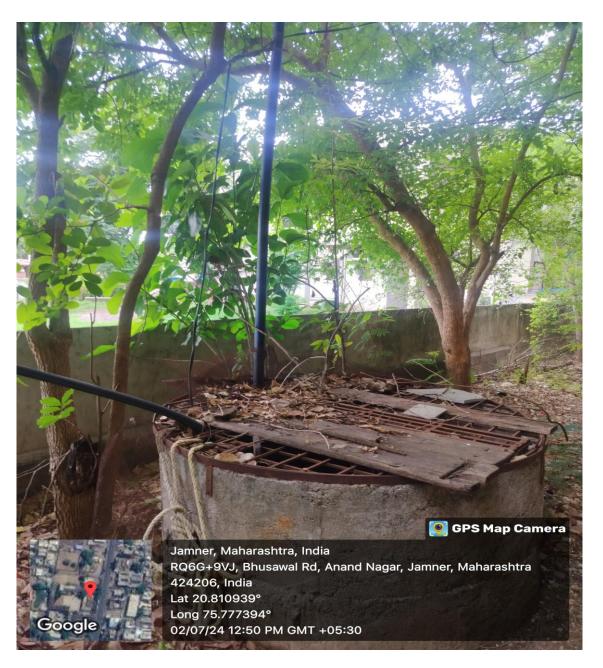


Borewell



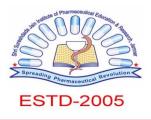


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Rain water Harvesting





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Decomposition Pit





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Toilet Tank Pipe





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Toilet Water Tank



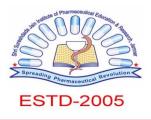


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Divyangjan Facility





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Toilet for Divyangjan

