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JAYWANT SHIKSHAN PRASARAK MANDAL'S
RAJARSHI SHAHU COLLEGE OF PHARMACY & RESEARCH

(Approved by AICTE & PCI, Affiliated to SPPU &

Accredited by NAAC With 'A' Grade)



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Policy Document

on

Clean and Green Campus

The Clean and Green Campus Policy of JSPMs, Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune is to sensitize the students and the staff to promote the use of environment-friendly products and services and to instill the importance of cleanliness for a healthy life.

The policy implies to create awareness about environmental issues by organizing events, rallies, cleanliness drives, seminars, workshops, presentations, tree plantation drives, rangoli competitions, essay competitions, guest lectures, etc.

Policies

Promotion of "Save Energy Tips "

- Turn off your monitor when you leave your table.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Use LED bulbs and tubes.
- Keep lights off in conference rooms, classrooms, seminar hall, common rooms, staff cabin when they are not in use.
- Use the fans only when they are needed.
- Unplug appliances not plugged into power strips (ACs, printers, faxes, and chargers etc.).
- Use solar source of energy.

Water Management:

To adopt following measures in campus to reduce water consumption

- Rain water harvesting.
- Change of taps which have leakage.
- Display water management instructions/alerts at prominent/relevant locations in the campus.
- Use of sprinkler irrigation in campus.

Waste Management

- To increase the green cover in and around the campus.
- To adopt methods for waste segregation.
- To manage, collect and dispose e-waste appropriately.
- To reduce hazardous waste and its management.
- To promote plastic free campus.
- To encourage paperless work culture and reuse of paper.
- Display waste management instructions/alerts at prominent/relevant locations in the campus.

Initiatives Taken to Implement the Clean and Green Campus Policy

Landscaping with Trees and Plants

As per the Clean and Green Policy, institute strives to plant various types of medicinal plant species in large numbers within 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 tree-plantation drives are undertaken by the NSS Unit of the institute.

Ban on Single-Use Plastic

The campus is a plastic free campus where there is a ban on single-use plastics in classrooms, laboratories, canteen, hostel and other premises. The institute 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.

Promote use of electronic vehicles

Students and the staff of the institute are promoted to make use of bicycles, battery-operated e-bikes .

Solar Plant in the Institute

The institute has installed Solar Energy Plant. The energy output of the solar panels are connected to the power grid of the MSEDCL where the power produced by the solar panels are supplied to the grid for which subsidy has been provided by the MSEDCL for the power consumption of the institute.

Use of LED bulbs

Most of the electric lights and computers of the institute are LED enabled.

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. Rain water collected in the tank is supplied to the plants in the medicinal plant garden of the institute.

Paperless Office and Communication

The institute 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 institute staff make required official and college related communication through e-mail IDs, What's App, Class-wise groups, Department wise groups, Committee wise groups, which led to reduce the usage of paper in the form of notices and circulars. Moreover, the college has avoided massive usage of paper by introducing the "Learning Management System MOODLE AND GOOGLE CLASSROOM " wherein references, notes, syllabi, question banks, study material are stored and shared on the e-platform.

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

Vermicompost Unit

Vermicompost unit is established in the medicinal plant garden of the institute. The organic waste material is collected from the campus and deposited in the vermicompost tank. Using earthworms the soil mixture is made with appropriate proportions and watered properly for 4-8 weeks and manure is obtained which is further used for medicinal plant garden.

Solid waste management

The Solid waste generated in the campus is segregated as bio degradable and non-degradable and handed over to municipal corporation.

All the departments, laboratories, and classrooms are provided with dustbins for dry wastage disposal. Segregation of the waste into dry and wet waste is done through the separately allotted dustbins in the institute.

Liquid waste management

Chemistry laboratory have separate basin marked with hazardous chemical waste. In this liquid waste can be defined as waste water of practical without chemical. 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 are handled in sand bath.

Water management

Rain water harvesting is the process of collecting, conveying and storing water from rainfall in an area.

Our institution has Roof Top Rain Water Harvesting System, it is a system of catching rainwater where it falls. Rainwater is collected from rooftop of the building is diverted through down take pipes to bore well. There is always skepticism regarding Roof Top Rainwater Harvesting since doubts are raised that rainwater may contaminate groundwater. So filters are attached to the down take pipes. After flushing of rainfall, water pass through filters to remove mud, turbidity, color and microorganisms. Clear water then passes to bore well to recharge the groundwater. The College has implemented the Rain Water Harvesting Project. The College has installed Pipes from the terrace and the Rain water falling on the terrace is gathered and is used to recharge the bore well.

E-Waste management

The campus has centralized facility to collect e-waste from institutes, housekeeping and disposal. E-wastes such as computers, laptops, scanner, printer etc. if generated are collected centrally & disposed off.

Old monitors and CPUs are repaired and reused in most of the cases.

Display Boards to Promote Environmental Sensibility in the institute

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 institute.

Events to Protect and Nurture Environment

Various events like Rallies, Awareness Campaigns, Seminars, Conferences, Workshops, Tree Plantation Drives, Rangoli Competitions, Essay Competitions, Guest Lectures, etc. are conducted every year.

The Green, Environmental and Energy Audit

The Green, Environmental and Energy Audit of the institute is done by Enrich Consultancy, Pune.



A handwritten signature in blue ink, appearing to read "H. Hande", written over a horizontal line.

PRINCIPAL

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