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Nanasaheb R. G. Patil (President) Dr. T. A. Deshmukh (Principal)

<u>7.1.3</u>

Quality audits on environment and energy regularly undertaken by the Institution.

Clean and green Campus Initiative



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ACOP GREEN CAMPUS POLICY

Arunamai Collage of Pharmacy shows high sensitivity and responsibility to implement green concept in the campus. Campus sustainability initiatives have been established with the aim of promoting green practices within the institution and beyond and developing best practices in environmental management. While establishing and maintaining a green campus is important, our priority is to spread awareness among students about green practices and educate stakeholders.

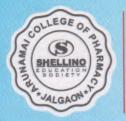
A policy begins with information and a plan ends with action. In turn, Arunamai Collage of Pharmacy will provide management of water resources, waste management, conservation of natural resources and eco-friendly and recommend minimal use of paper. In order to establish and maintain a green campus the institution will implement the following practices to promote awareness and adoption of green initiatives beyond the campus. This will provide a safe environment to live, learn and play.

OBJECTIVE OF THE POLICY:

- 1. To protect and conserve ecological systems and resources on the campus.
- 2. To make certain judicious use of environmental resources to gather the requirements and aspirations of the present and future generations.
- **3.** To amalgamate environmental concern into policy, plans and programmes for social development and outreach performance.
- 4. To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the drop of any adverse effects on the environment.
- 5. To continuously progress our contribution to climate shelter and adaption to climate change and to the saving of global resources.



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Water Conservation:

- Forever practice and put into operation rain water harvesting to make your mind up and manage water lack problems in future.
- Protect environment towards climatic change and conservation of sources for drinking water.
- Regularly inspect taps for draining and renovate immediately to avoid loss of portable water. Implementing water-saving method such as installing low-flow faucets and toilets, promoting water conservation practice among the campus society.

Waste Management:

- Stretch the awareness surrounded by society about the waste management for ecosystem and methods for its dumping.
- Reducing waste production through source lessening strategies, and promoting composting initiatives. Encouraging the use of reusable material and reducing singleuse items like plastic bottles and bags.

Solid Waste Management

- The college plays dedicated focus to see that minimum waste is generated in the campus.
- Solid waste is like toilet segregate as degradable form prepared special tank in the campus as a part of Swatch Bharat initiative and Clean and Green Campus.
- All departments, laboratories and classrooms are make available with dustbins for dry wastage disposal. Isolation of waste into dry and wet waste from the separately selected dustbins is done in strategic locations, thus maintaining the Campus clean and Eco-friendly.
- Use of sanitary disposal machine is one of the best practices adopted by the college towards eco friendly disposal mechanisms.

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Liquid Waste Management

- Water is the most important part for the preservation of life. Water is a limited commodity which, if not managed properly, will result in Shortages in the near future.
- Water conservation can go a long way to help improve this imminent scarcity. Students and staff are made aware that conserving water is equivalent to conserving their future.
- Drinking water from the tap, and refilling bottle as often as the students need is one of the best practices followed at ACOP. Disposable bottles are not allowed.

Energy Conservation:

• Implementing energy-efficient measures such as using energy-saving lighting, optimizing heating and cooling systems.

Green Building Practices:

• Incorporating sustainable design principles addicted to campus buildings, including energy-efficient construction, the use of eco-friendly materials, suitable insulation, and the incorporation of natural lighting and ventilation systems.

Paperless Practices:

- Campaigner the benefits of paperless work in reducing the waste production and green practices.
- Digital Library.

Tobacco Free campus:

 According to institute policy and rules the use of tobacco products is treated as offence.
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Environmental Education and Awareness:

- Promoting sustainability education and awareness programs that engage students, faculty, and staff in learning about environmental issues, climate change, and sustainable practices.
- Include workshops, seminars, guest lectures, and sustainability-themed events. The student-led Green Campus programs to be initiated by NSS Unit under the NSS program Officer.

Landscaping and Biodiversity:

- Adopting landscaping practices that prioritize resident plants, minimize water consumption, and encourage biodiversity. Creating green spaces, community gardens, and preserving natural habitats on campus.
- Green locality promotional programs will inculcate social skills in ACOP and bring awareness in community to organize pollution, save energy and preserve agricultural and environmentally sensitive areas.

Partnerships and Collaboration:

• Collaborating with local communities, environmental organizations, and government agencies to exchange knowledge, share best practices, and promote sustainability initiatives away from the campus boundaries.

Save Energy TIPS:

- Activate & monitor power management features on your computer so that it goes into a low-power sleep mode when you're not working on it.
- Turn off your monitor when you leave your table.
- Activate power running features on your last enter.
- Whenever possible, shut down rather than logging off.
- Turn off a necessary light and use daily light in instead (c)



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- Avoid the use of decorative lighting.
- Use LED or compact fluorescent bulbs.
- Keep light off in classroom & laboratories when they are not in use.
- Use the fans only when they are needed.



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Date 01/06/2018

Dear students, staff and faculty members,

We would like to convey to your awareness that Arunamai College of Pharmacy has implemented a plastic ban campus. The use of plastic bags, water bottles, straws, and any other plastic item is strictly prohibited.

This assessment has been made in an effort to reduce the amount of non-degradable waste generated on campus and to promote environmental sustainability. We apply for all members of the college community to cooperate in the implementation of this ban.

We promote everyone to bring their own reusable bags, bottles, and apparatus to minimize the use of plastic on campus. Let's all work together to protect the environment and create a sustainable future.

Thank you for your cooperation.



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Green Campus Initiatives: Pedestrian Friendly pathway



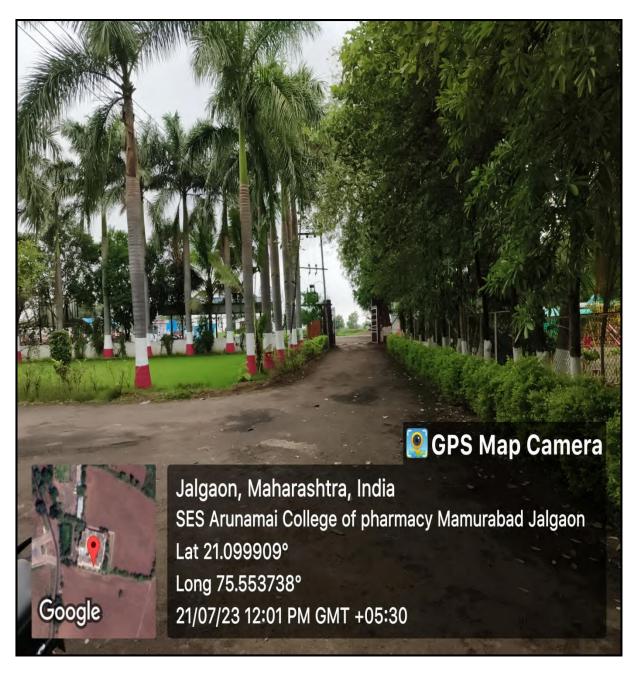


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Green Campus Initiatives: Pedestrian Friendly pathway





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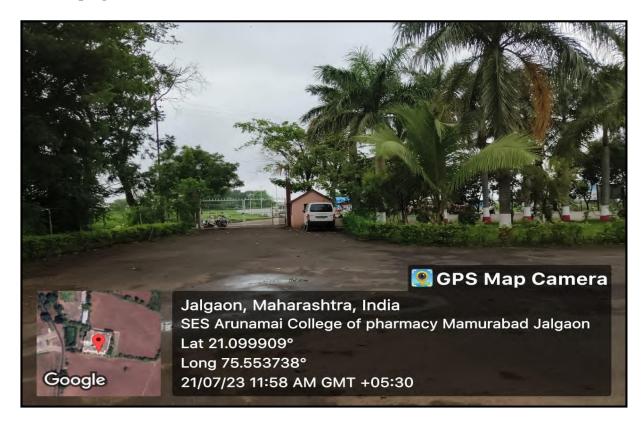
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Green Campus Initiatives: Pedestrian Friendly pathway Landscaping with trees & plant



Landscaping with Trees & Plant:





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Medicinal Garden: In SES, Arunamai college of pharmacy Medicinal garden are present same plant geo-tagged photo are placed.



Medicinal Plant: Areca Nut & Anjir Plant

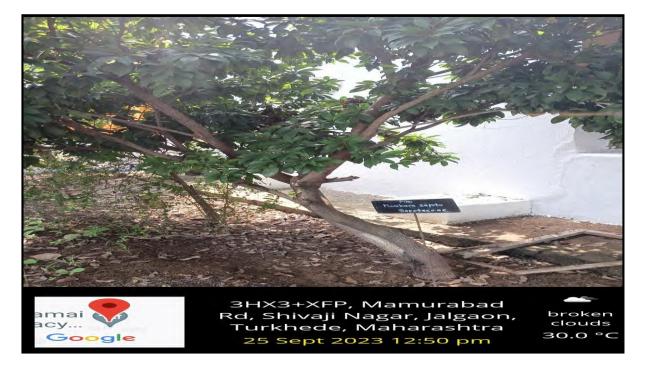


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Hibiscus Plant





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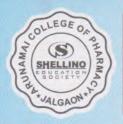
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Well Ventilated Environment:



Well Ventilated Environment:





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Date 12/06/2018

Notice: Green policies implemented by Arunamai College of Pharmacy, Mamurabad.

Dear students and staff,

We are happy to announce that Arunamai Collage 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 wet waste, with color-coded dust bins placed at every corner and common room. We encourage our housekeeping staff to follow these waste management practices, and the collected waste is handed over to the local authority for proper disposal.

To minimize paper usage, we have developed an Enterprise resource planning system for all academic and administrative activities. Additionally, we collect and dispose of liquid waste from labs and washrooms through a well-constructed drainage system.

In terms of non-degradable waste management, and faculty members guide students on the proper use and handling of chemicals in the labs, and we promote the use of less hazardous chemicals. We also dispose of water soluble chemicals through the sewage system after solubilising 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 of us to survive and work in. We support everyone to maintain these initiatives and help us make a positive impact on the environment.

Thank you for your collaboration.

Principle

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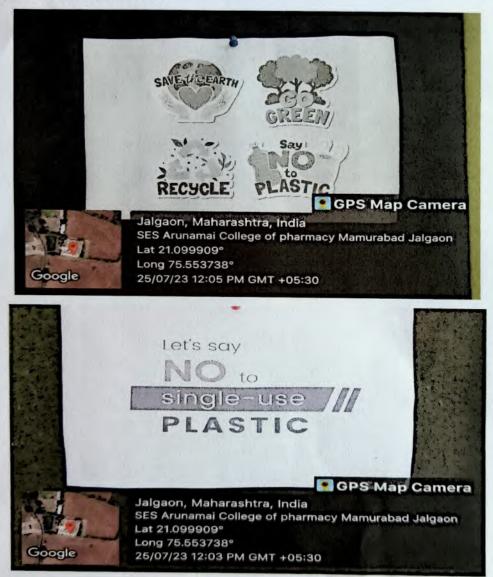


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Environmental awareness-



Say No to Single-Use Plastic



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Landscaping done into the campus



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Walk able streets into the campus



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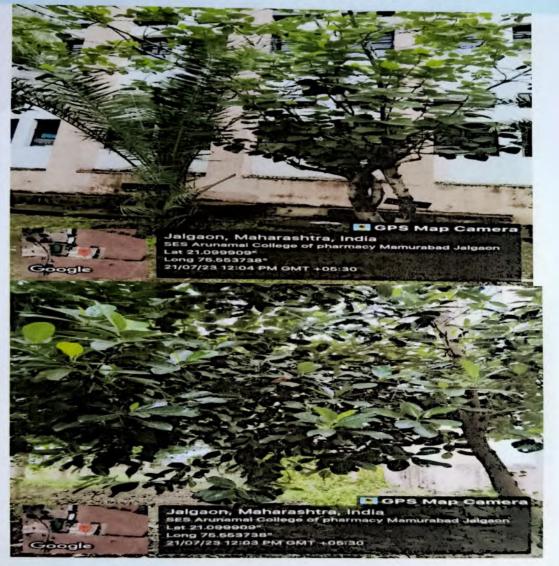
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7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

Water Conservation:

- Forever practice and put into operation rain water conservation to make your mind up and manage water lack problems in future.
- Protect environment towards climatic change Regularly inspect taps for draining and renovate immediately to avoid loss of portable water. Implementing water-saving method such as installing low-flow faucets and toilets, promoting water conservation practice among the campus society.

Rain Water Inner Drainage system:



Geotag Image: Inner Water Drainage



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Borewell Recharge by Rainwater:

Rainwater is collected from a roof surface by connecting pipelines and these pipelines are linking through old Borewell.



Geotag Image: Borewell Recharge by Rainwater pipeline



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Old Borewell Recharge:



Geotag Image: Borewell Recharge



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Groundwater Recharge by Rainwater:



Geotag Image: Groundwater Recharge by Rainwater pipeline



Geotag Image: Rainwater Recharge by pipeline



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Water-saving method installing low-flow faucets in Laboratory:



Geotag Image: Water-saving low-flow faucets

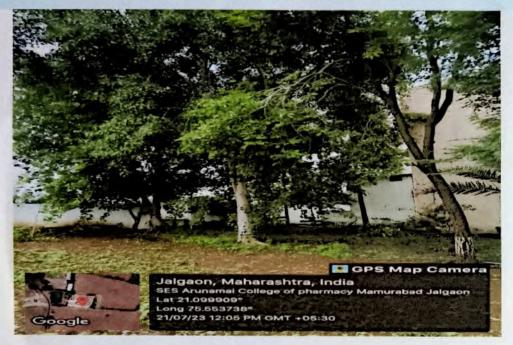
Save water Sign bored:





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Medicinal Plant Garden.



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Dustbin Outside & Inside Campus Location:



Dustbin In-side Campus Location



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Toilet West Management tank:



Toilet West Tank



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Dustbin Out-side Campus Location



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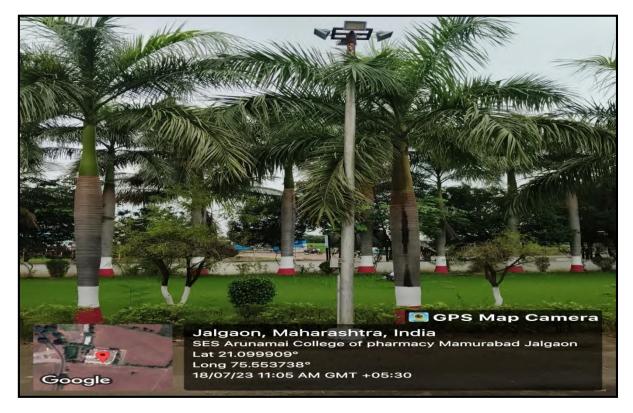


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High Pole LED Light use in Campus:







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Save energy by Using LED Tube light in Classroom & Corridor:



Signed Bored in Classroom:

