



जानकी देवी मेमोरियल कॉलेज
(दिल्ली विश्वविद्यालय)
JANKI DEVI MEMORIAL COLLEGE
(University Of Delhi)
सर गंगा राम अस्पताल मार्ग, नई दिल्ली-११००६०
Sir Ganga Ram Hospital Marg, New Delhi-110060
दूरभाष : २५७८७७५५ फैक्स : २५७९०८३२
Tel. : 25787754, Fax : 25710832
E-mail : jdmcollege@hotmail.com, http://jdm.du.ac.in

ENVIRONMENT POLICY

Scope of the Policy

The Green Campus and Environment Conservation Policy encourage students and staff to take the lead in creating positive change toward the conservation of the Environment. These initiatives call for a thorough review of all infrastructural, and administrative functions from the standpoints of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

1) Alternative sources of Energy and Conservation Measures

- Solar Power
- Installation of Energy Efficient Equipment

2) Management of Degradable and Non-degradable Waste

- Solid Waste Management
- Liquid Waste Management
- E-Waste Management

3) Water conservation

- Rainwater/Rooftop harvesting system
- Open Well recharge/ Borewells
- Construction of tanks and Bunds
- Waste water recycling
- Drainage channel to collect rainwater
- Water-saving equipment in the washrooms/water coolers

4) Green campus initiatives



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Objectives of the Policy

- To conserve energy and water resources within the campus by ensuring technological interventions, reduction in consumption, and creating awareness among staff and students.
- To fulfil the responsibility as a stakeholder by indulging in outreach activities for social development.
- To indulge with the local community to raise awareness about environmental issues and promote good practices for the safety of the environment.
- To practice and promote the 4 R principles of Reduction, Reuse, Recycle and Recover.
- To ensure the conservation of biodiversity within and around the college campus.
- To regularly carry out self-assessments to monitor our progress in cleanliness and sanitation management, greenery management, energy conservation, and water conservation.
- To invite certified external agencies to regularly conduct Environment, Green, and Energy audits.
- To participate in government programs to make the campus plastic free and implementing policy on E-governance to minimize the use of paper.
- To improve the infrastructure on campus for maximum energy conservation, water conservation, and making campus disable friendly.
- To contribute towards climate protection and reduce the carbon footprint on the campus.
- To provide a barrier-free environment to differently-abled students and faculty

Policies



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1. Alternative sources of Energy and Energy Conservation Measures

- **Solar Energy** - JDMC is dedicated to minimizing and sustainably managing its use of electricity. The college believes in reducing the consumption of electricity produced by non-renewable resources by switching to clean energy sources like solar energy for purposes like lighting the campus. Hence On-Grid solar panels were installed on the top roof of the college building to generate electricity. The college hostel also has solar water heaters installed on the roofs to minimize electricity usage for heating water.
- **Energy Saving and Energy Efficient Equipment** – We are committed to the installation of environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The college believes in using cleaner energy such as LED lighting (including Sensor-based lights), energy efficient Air Conditioners, energy-efficient ceiling fans, etc. The computers in offices and computer rooms are kept at low power mode when not in use to further save electricity.

2. Management of Degradable and Nondegradable Waste

JDMC aims to reduce the impact of the institute on the environment and is dedicated to reducing, segregating, and managing the waste generated. The following specific procedures are undertaken to ensure JDMC's contribution to managing the waste on campus.

- **Solid Waste Management** – The college has adopted practices that will ensure reduction and management of solid waste:
 - Engaging with the 4Rs of environment friendliness (Reduce, Reuse, Recycle, and Recover).
 - Segregating waste at source
 - Composting facilities for biodegradable waste



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- Collecting paper waste produced on campus and collaborating with waste recycling organizations.
- Reducing solid waste by employing a technology-centric methods.
- Subscribing to e-books and e-journals collection of the college library.
- Taking initiatives to spread awareness amongst students about
 - Food wastage
 - Minimizing the use of packaged food
 - Minimizing the use of plastic
 - The habit of reusing and recycling non-biodegradable products
 - Organizing workshops/webinars for students and faculty members
- Liquid Waste Management

The college ensures proper management of water as a resource.

 - Maintaining leak proof taps, Regular rounds by the caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush, etc.
 - Minimizing the use of water by constructing efficient toilets.
 - Recycling RO rejected water and using it for cleanliness purpose.
- E-Waste Management – JDMC ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to strive towards:
 - Provisions for the disposal of the institutional e-waste with the help of recycling organizations.
 - Organizing E-waste collection drives.
 - Create awareness amongst students about the reduction of e-waste and environment friendly disposal practices for e-waste.
 - Encouraging department and society level activities pertaining to e-waste management.



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3. Water conservation

- Rain Water Harvesting – JDMC has committed itself to the effort to replenish the groundwater table by practicing rainwater/rooftop harvesting. This practice helps in replenishment and recharge of the groundwater. Drainage channels are maintained to collect rainwater
- The college maintains Open Well recharge/ Borewells
- Construction of tanks and Bunds
- Waste water recycling- Waste water is recycled. RO rejected water is recycled for cleanliness purpose.
- Water-saving equipment in the washrooms/water coolers- Minimize the use of water by constructing efficient toilets.
- Maintain leak proof taps- Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush, etc.

4. Green Campus Initiatives

The green cover of the campus span over 42.73 % (14,544 m²). A total of 300 trees are found on the college campus, including 45 unique species. The green cover provides a clean environment, protects biodiversity, and has aesthetic beauty. The green campus also manages surface runoff during the rainy season, help recharge groundwater, and keep the surrounding cooler. Landscaping on campus also serves as a great way to build awareness about the environment. The landscape of trees and plants provides the 3000+ students and staff with clean and cool air and a soothing environment. The college also has a dedicated nursery and herbal garden which has numerous medicinal plants. The herbal garden of the college has documented 87 plants which have medicinal use. The diverse green cover of Janki Devi Memorial College is also home to a number of rare birds and butterflies across at least 50 species, creating a campus rich in biodiversity.



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The college commits to enriching this green environment by

- Organizing tree plantation drives
- Encouraging student clubs to hold tree plantation events
- Maintaining herbal garden and nursery
- Composting biodegradable waste to make manure for garden use

Clean Campus Initiatives

JDMC undertakes cleanliness activities within and around the college to fulfil the vision of *Swachh Bharat Abhiyan*. As a result, the college participates in various activities and creates awareness among the staff and students.

The broad vision is as follows:

- To proactively hold regular cleanliness drives within the campus and motivate students and staff members to conduct workshops, activities, and programs to promote the importance of cleanliness and sanitation.
- To segregate waste and identify ways to reuse degradable and non-degradable waste.
- Participate in the activities under *Swachh Bharat Abhiyan* with the help of services provided by NSS and Avani- The Environment Club.
- As a Swachhta Action Plan institution under the initiative of Mahatma Gandhi National Centre for Rural Education (MGNCRE), Ministry of Education, Govt. of India, the college participates in various cleanliness activities.
- To ensure proper disposal of liquid waste and keep the washroom and corridors sanitized.
- To follow COVID protocols within the college campus and keep the campus clean.



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Clean Air Initiatives

Our students and staff are encouraged to use public transportation to commute. The entry of automobiles inside the campus is restricted to discourage the use of private vehicles. Our campus is also located adjacent to the Central Ridge which acts as a natural air purifier. The abundant natural landscape cleans the air on campus. The classrooms have proper ventilation to ensure better circulation of air.



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Additional Information

Sanitisation Measures in light of Covid-19 pandemic

The college has been taking every possible measure against COVID-19 pandemic.

- Temperature check, touchless handwashing, hand sanitization and disinfectant facility as one enters at the gate
- Provision of mask, gloves and hand sanitizers to all employees
- Work areas sprayed twice a day with disinfectant and thoroughly cleaned twice and availability of alcohol based sanitizers at all work spaces
- Maintenance of social distance within work space
- Spraying of disinfectant by MCD within campus
- Spraying and fogging against mosquitoes etc being simultaneously done.
- Installation of Touchless hand sanitize dispenser
- Installation of Air purifier
- Procured one Oxygen Concentrator and two refillable oxygen cylinder in May 2021
- Organised two COVID RTPCR Testing Camps in the college in association with the Government of Delhi
- Organised one vaccination camp in association with ZEE TV Group on 28 and 29 May, 2021
- Display of the protocols at prominent places on the campus to spread awareness



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