



NETAJI SUBHAS UNIVERSITY

JAMSHEDPUR, JHARKHAND

(A Unit of Sitwanto Devi Mahila Kalyan Sansthan)

UGC Approved and Estd. Under Jharkhand State Private University Act ,2018

Green

START FROM NOW



KEEP THE EARTH GREEN

THE GREEN CAMPUS AND ENVIRONMENTAL POLICY



Scope of the Policy:

The Green Campus and Environment Policy will develop exciting new co- curricular and extracurricular practices that encourage students and staff to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from the standpoints of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
- Infrastructure
 - Solar Power Plant
 - Installation of Energy Efficiency Equipment
 - Water Conservation through Rainwater Harvesting System
- Waste Management processes
 - Solid Waste Management
 - Liquid Waste Management
 - E-Waste Management
- Awareness Initiatives
- Environment-centric Student Societies and Department Activities
- Green Audit
- Energy Audit
- Plastic-Free Campus



Objectives of the Policy:

- To protect and conserve ecological systems and resources within the campus.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve our contribution to climate protection and adaptation to climate change and to the conservation of global resources.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To make the campus plastic free.
- To conduct environmental and energy audits from time to time.
- To minimize the use of paper in administration through having policy for E-governance.



Policy:

Clean Campus Initiatives

Netaji Subhas University had pledged to actively coordinate cleanliness activities in the University and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. It commits to continue with this Programme.

The broad vision is as follows:

1. Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.
2. Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS and Green Warrior volunteers of the University.
3. Staff Members will be encouraged to participate in the cleanliness drive in the University campus.
4. Remove all kinds of waste material like broken furniture, unusable equipment etc.
5. Administer of the pledge by students and staff members to maintain cleanliness of the University campus and its surrounding areas on an annual basis.
6. Conduct workshops on the 3Rs: Reduce, reusing and recycling of waste.
7. Commit to manage waste and maintain clean campus especially during University events.



Landscaping Initiatives

It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Green campus landscapes also manage runoff, help recharge groundwater, and clean and cool the air on campus. The landscape serves as a visual representation of the campus community's commitment to sustainability. As campus landscapes are so visible and accessible, landscaping initiatives are a great way to build awareness around the environment.

There are more than 150 trees and more than 500 shrubs on campus along with 1 acre of grass cover. The landscape of trees and plants provide the 1000+ students and staff with clean and cool air and is a soothing environment.

The diverse green cover of Netaji Subhas University is also home to a number of animals and rare birds across at least 24 species, creating a campus rich in biodiversity. The University commits to enriching this healthy habitat and maintaining the symbiotic relation of the institution with nature by

- Organizing annual tree plantation drives
- Encouraging student clubs to hold tree planting events



Clean Air Initiatives

We encourage our students and staff to use public transportation. The entry of automobiles inside the campus is restricted to discourage the use of private vehicles. Our campus is also located rural part of Jamshedpur. For this reason, we feel responsible to maintain our green cover. The abundant natural landscape cleans the air on campus.

Infrastructural Initiatives

♦ Renewable Sources of Energy

Netaji Subhas University is dedicated to minimize and sustainably manage its use of electricity. The University 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 solar panels were installed on top roof of the University building.

♦ Energy Saving and Energy Efficient Equipment

We commit to install environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The University believes in using cleaner energy such as LED lighting.

♦ Water Conservation through Rainwater Harvesting System

Netaji Subhas University has committed itself to the effort to replenish the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.



Waste Management Processes

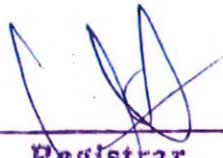
Netaji Subhas University strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated by the University campus. The following specific procedures will be undertaken to ensure Netaji Subhas University contribution in protecting the environment.

♦ Solid Waste Management

With its aim to provide holistic education that also has a positive impact on the environment, the University will adopt practices that will mitigate the generation, and manage solid waste through the following methods:

- Systematically engage with the 3Rs of environment friendliness (Reduce, Reuse and Recycle).
- Collect paper waste produced on campus and collaborate with scrap dealers for recycling.
- Reduce solid waste by developing a technology-centric teaching and administrative model.
- Reduce use of paper by supporting digitization of attendance and internal assessment records.
- Reduce requirement of printed books by updating the e-books and e-journals collection of the University library.
- Take initiatives to spread awareness amongst students about
 - Food wastage and ways of minimizing it
 - Minimizing the use of packaged food
 - The habit of reusing and recycling non-biodegradable products
 - Organizing workshops for students on solid waste management




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♦ **Liquid Waste Management**

- Maintain leak proof water fixtures.
- Minimize the use of water by constructing more Indian style toilets instead of western style toilets.
- Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.
- Reuse of wastewater generated by the Reverse Osmosis (RO) system in washrooms.

♦ **E-Waste Management**

Netaji Subhas University ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the University plans to strive towards:

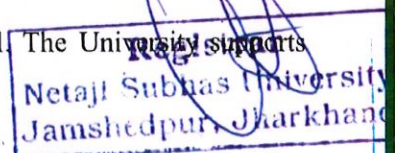
- More provisions for the disposal of the institutional e-waste.
- Awareness amongst students about reduction of e-waste and environment friendly disposal practices for e-waste.
- Encouraging department and society level activities pertaining to e-waste management.

Awareness Initiatives

Outreach and education are of utmost importance so that all members of the campus community may value the objectives of the policy and aid in its implementation. This is why Netaji Subhas University supports and encourages awareness campaigns, seminars, workshops, conferences and other interactive sessions to facilitate effective implementation of the Green Campus, Energy and Environment policies.

Environment-centric Student Clubs and Department Activities

Netaji Subhas University encourages all the departments and specific student societies like Green warriors, NSS, and others to organize events, competitions and training sessions that will bring about positive environmental changes at the grass root level. The University supports



departments and student clubs in moulding the students into active agents of environment protection and conservation.

♦ **Green Warriors**

Institutional changes towards sustainability and eco-friendly practices have percolated down to the students which have led more and more students to join Green Warriors. Making the club a compulsory one will provide it a bigger platform to broadcast the institution's environmental values to raise awareness. This will aid the green initiatives and practices that are a part of this policy to grow exponentially.

Green Audit

The University aims to regularly conduct a Green Audit of our University campus to assess our strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where most energy or water or resources are being used. The University can then consider how to implement changes and make savings. It can determine the type and volume of waste. Recycling projects or waste minimization plans can be adopted. It will create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of ecofriendly practices on campus. Green auditing will promote financial savings through reduction of resource use. It is imperative that the University evaluate its own contributions toward a sustainable future.

Energy Audit

An Energy Audit to be conducted as and when required to further reduce its carbon footprint. The importance of reducing energy consumption cannot be overstated. The energy audit, with its specialized tools will identify wastage of energy. Such an inspection often reveals several different flaws which cause a loss of significant amounts of energy which the University will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.



Plastic-Free Campus

Netaji Subhas University has been observing most of its duties in terms of solid waste management since its inception. In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the University administration strictly bans the use of single use plastics in its premise to make it a 'Plastic Free Campus'.



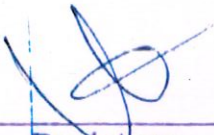


NETAJI SUBHAS UNIVERSITY

Estd. Under Jharkhand State Private University Act, 2018

Policy Document On The Green Campus




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Jamshedpur, Jharkhand



NETAJI SUBHAS UNIVERSITY JAMSHEDPUR

(Established under Jharkhand State Private University Act, 2018)

Approved by AICTE, PCI, BCI, NCTE, INC, JNRC Recognized by UGC

ISO Certification: 9001:2015

Website: www.nsuniv.ac.in

Policy Document on The Green Campus




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Policy Document on the Green Campus

Green Campus: A "green campus" is a location where sustainable and eco-friendly practises are promoted through education and environmental friendly actions. By establishing sustainable solutions to the environmental, social, and economic requirements of humanity, the green campus concept gives an institution the chance to take the lead in reinventing its environmental culture and generating new paradigms.

Objectives of the Go Green Programme: Establishing a functional Green-Campus Committee inside the University's organisational framework is the first stage in the Go Green Program. Therefore, we are now releasing a POLICY DOCUMENT outlining the strategies, plans, and other related responsibilities to officially launch this Program in order to offer this endeavour greater credibility and clarity.

We think that greening the campus is all about eliminating inefficient waste, using conventional energy sources for daily power demands, treating garbage properly, buying eco-friendly products, and having a strong recycling programme. The University's administration is of the opinion that everyone must devise time-bound plans for putting into action green campus activities. In order to create a clean and green campus, these techniques must be implemented into the institutional planning and budgeting procedures. Every person on the NSU Campus, including students, teachers, and support staff, will endeavour to promote an environment-friendly campus and a culture of self-sustainability. The Green Campus Initiatives (GCI) will enable the university to build the campus as a living laboratory for innovation.

Composition of the Go- Green Committee

1. Dr. Dhirendra K. Mohapatra -Vice Chancellor- Chairperson
2. Prof.(Dr) Acharya Rishi Ranjan -Pro Vice Chancellor- Co-Chairperson
3. Mr. Nagendra Kumar -Registrar - Secretary
4. Dr. Ranjan Kumar Mishra -Director, IQAC – General Secretary
5. Mr. J Rajesh -Teaching Staff Representative nominated by Vice Chancellor
6. Mr. Ashish Kumar -Non-Teaching Staff Representative
7. Dr. Pramod Kumar Singh –HOD (Biotech)
8. Dr. VijayKant Pandey- HOD(Agriculture)
9. Dr. Jyoti Prakash Swain- Principal(Education)

B. Role of the Go- Green Campus Programme:

A successful Green Campus must have a central driving force that spreads throughout the entire campus. Without a strong message of commitment and involvement from both the Chairperson and Members of the Committee, well-intentioned projects may be too fragmented to allow for University-wide participation. In light of this, the committee will plan and carry out the following:

1. To make the Go Green Campus project functioning all year long, seek the opinions of all the stakeholders.
2. To conduct the Campus' environmental impacts to identify the targets for improvements.
3. To establish a Green Campus Environmental Ethic Awareness campaigns.
4. To set a mission statement and a set of guiding principles for a green campus.



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5. Link Green-Campus activities in Academic calendar.
6. To Organize Awareness Programs for the students, faculty and society.
7. To build a strategic plan and create student team to carry out certain responsibilities of the strategic plan. For instance, an University-level energy conservation plan with a deadline would mandate the installation of a solar power station either on top of the University building or in an open area. As a result, the University will have a constant supply of power.
8. Phase out the CFL and conventional light such as bulbs and tube lights, halogen and mercury street/campus lights and get them replace by the LEDs.
9. To conduct an Annual Green, Environment and Energy Audit.
10. To establish public/private partnerships with personnel from federal, state, and local environmental agencies, utilities, and the business community.
11. To evaluate daily operations in terms of pollution prevention, waste stream management, and energy efficiency reducing, reusing, recycling, and repairing wherever possible.
12. Secure a commitment up front from the people in charge that well-founded recommendations will be acted upon once audits are completed.

C. Promotion of “Save Energy Tips” in and outside the University:

- Activate power management features on your computer and monitor so that it will go into a low power “sleep” mode when you are not working on it.
- Turn off your monitor when you leave your System/PC.
- Activate power management features on your laser printer.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Use LED or compact fluorescent bulbs.
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
- Use the fans only when they are needed.
- Unplug appliances not plugged into power strips (like TVs, Refrigerators, ACs, tea/coffeepots, printers, faxes, and chargers etc.)

D. Waste water Management/ Rainwater harvesting:

The university has to concentrate on waste water management, especially in the dorms for students. Reduced water flow toilets, automatic urinal flushers, and faucet and shower water flow restrictors should all be used on campus. The University will adopt waste water management and rainwater harvesting by taking all necessary steps.

E. Major Green Campus Initiatives:

- ISO Certification 9001:2015




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A Green Campus is a Cleaner, Safer and Healthier Place to Live and Work.

- Installation of Solar Power Station
- Waste water Management/ Rainwater harvesting
- Development of Sewage Water Treatment Plant
- Use of Micro-scale techniques
- Sensor based energy conservation
- Displayed poster on E-waste Management
- Maintenance of water bodies and distribution system in the campus
- MIS to make paperless administration
- Plastic free Campus
- Tree Plantation Drive
- Cleanliness Drive
- Landscaping and gardens
- Use of LEDs only
- Digital Library/ E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Establishment of Enviro-Club
- Green, Environment and Energy Audit conducted
- Restricted entry of automobiles
- No Mobile day

The University will make all the necessary efforts to involve the students, faculty and staff in "Green Campus Initiatives" by designating the volunteers of Enviro Club, NSS , printing T- shirts/ Caps with green campus initiative slogan specially designed for the purpose.

For further details and enquiry, Please feel free to write to us: info@nsuniv.ac.in



CERTIFICATE

PRESENTED TO

Netaji Subhas University

Pokhari, PO: Bhilai Pahari, PS: MGM, Dist.: Jamshedpur, Jharkhand 831012

Has been assessed by KORU FOUNDATION for the comprehensive study of environmental impacts on institutional working framework to fulfill the requirement of

ENERGY AUDIT

The green initiatives carried out by the institution have been verified on the report submitted and was found to be satisfactory,

The efforts taken by the management and the faculty towards environment and sustainability are appreciated and noteworthy.

02 /03/22 - 01/03/23

Date of Audit



LEAD AUDITOR
MR AJIT KUMAR SINGH



ISO 9001:2015

Certificate of Registration

This is to Certify That
Quality Management System of

CENTRE FOR ENVIRONMENT AND LIFE CARE

PLOT NO - N204, ROAD NO - 02, KAVERI PATH KALPANAPURI ADITYPUR,
JAMSHEDPUR, SERAIKELA KHARSAWAN - 831013, JHARKHAND, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

GREEN AUDIT, ENVIRONMENTAL CONSULTANCY SERVICES AND
COMPLIANCE.

Certificate No : 24MEQPK61

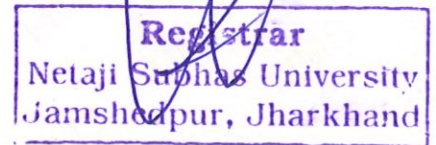
Initial Registration Date : 17/02/2024

Issuance Date : 17/02/2024

Date of Expiry : 16/02/2027

1st Surve. Due : 17/01/2025

2nd Surve. Due : 17/01/2026



Demul..

DIRECTOR



Magnitude Management Services Pvt. Ltd.

Third Floor, A-60, Sector-2, Noida, Gautam Budh Nagar, U.P.-201301, India. e-mail: info@mmscertification.com, website: www.mmscertification.com

*Subject to Successful Surveillance Audit in case Surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal
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Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.

ISO 14001:2015

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DIRECTOR

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