

VISHWAKARMA UNIVERSITY

SDG 12 REPORT 2023



**VISHWAKARMA
UNIVERSITY**
Maximising Human Potential

University Grants Commission (UGC) Approved State Private University



EDITORIAL BOARD OF THE SUSTAINABILITY REPORT:

Prof. (Dr) Chetan Kapadnis

Prof. (Dr) Avadhut Atre

Prof. Dipali Talele

Dr. Jaymala Kumawat

Prof. Sweety Thakkar



Maximising Human Potential

About This Report

At Vishwakarma University (VU), our steadfast commitment to sustainable development is profoundly aligned with the United Nations' 2030 Agenda for Sustainable Development. These global goals delineate an aspirational vision for a sustainable future, one that VU has deeply integrated into its institutional framework and curriculum.

Our foundational principle, Unleashing Human Potential, reflects our dedication to cultivating an environment conducive to the holistic development of our students, empowering them with the resilience and confidence required to navigate contemporary challenges.

As part of our sustainability mission, VU has reimagined itself as an Eco-campus, exemplifying innovative and sustainable practices. This report details our continual efforts to minimize our carbon footprint and highlights the impactful partnerships underpinning these achievements. For instance, our Certificate Programme in Sustainability Management, developed collaboratively with Hof University of Applied Sciences, Germany, equips students with advanced competencies in business management and contemporary sustainable practices. Additionally, through a strategic partnership with the Wilo Foundation, we have established the Water Quality Centre of Excellence, aimed at advancing water treatment, purification, and public awareness of clean drinking water.

VU's commitment to sustainability extends beyond environmental stewardship. We have launched a dedicated Center for Sustainability, NEXUS, that undertakes activities aligned with the Sustainable Development Goals (SDGs). Our mission is to cultivate informed, ethical, and skilled individuals who uphold principles of equity, inclusivity, and excellence. By engaging students in practical applications of their knowledge, we bridge the divide between theoretical frameworks and real-world challenges.

Our participatory development model actively involves students and industry stakeholders, ensuring that our academic philosophy equips learners with the competencies essential for addressing the complexities of the modern business landscape. VU's extensive network, encompassing over 45 collaborations with prominent industries and educational institutions—including the Maharashtra State Faculty Development Academy, Queen Mary Technical Institute, Buldhana Urban Cooperative Credit Society, and TATA Technical Limited—facilitates industry projects, live projects, internships, and placements, thus enhancing practical exposure and career prospects for our students.

Furthermore, VU is committed to fostering a well-rounded education and community engagement through initiatives such as the VU-Centre for Communication Development, the Sahyadri Communication Project, and the VU Legal Aid Clinic, all integral components of our VU-iPAR Model. This model emphasizes community involvement, and we encourage student leadership through programs such as the National Service Scheme (NSS) and the Student Council. In alignment with the National Education Policy (NEP) 2020, we offer NEP 2020 courses and have established the VUWCOE – VU Wellness Center of Excellence, supporting holistic development in both academic and wellness dimensions.

In summary, Vishwakarma University's commitment to sustainable development and the SDGs is firmly embedded within our institutional ethos. Through collaborative engagement with diverse stakeholders, we consistently integrate sustainability into our operations, fostering a culture of innovation, research, and learning. VU remains committed to preparing future leaders equipped to drive impactful change, contributing meaningfully to the global vision of sustainable development.

Prof. (Dr) Siddharth Jabade
Vice-Chancellor
Vishwakarma University, Pune, India

VU's Participation in the THE Impact Rankings 2023

Vishwakarma University (VU) also participated last year in Times Higher Education (THE) Impact Rankings 2023, which looks at global universities' commitment and performance in furthering the Sustainable Development Goals (SDGs).

VU took part in the 4 SDGs listed below plus the mandatory SDG 17 and the results were as follows:

Overall Ranking 1001+





12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



**Ensure sustainable consumption
and production patterns**

Responsible Consumption and Production

One of the greatest global challenges is integrating environmental sustainability with economic growth by decoupling environmental degradation from economic progress and doing more with fewer resources. This requires resource and impact decoupling to promote sustainable consumption and production, aligning with the planet's biophysical boundaries and reducing current consumption rates to maintain ecosystem services. UNEA 4 (Resolution 1) highlights the circular economy as a sustainable model where products and materials are designed for reuse, remanufacturing, recycling, and recovery, minimizing waste and reducing greenhouse gas emissions. UNEP's Global Opportunities for Sustainable Development Goals (GO for SDGs) project strengthens countries' capacity to achieve SDG 12, with initiatives such as the OnePlanet Initiative and tools like the SCP Hotspots Analysis Tool (SCP-HAT) supporting the transition to sustainable consumption and production. The SDG 12 Hub, launched in 2021, provides a platform for transparent access to national progress on SDG 12, helping stakeholders collaborate and share solutions for sustainable development.

SDG 12 aims to ensure sustainable consumption and production patterns, which are essential for minimizing the negative environmental impacts caused by human activities. This goal encourages the efficient use of natural resources, the reduction of waste through recycling and responsible disposal, and the adoption of sustainable business practices. It also focuses on reducing food waste, promoting sustainable supply chains, and ensuring that both individuals and industries make environmentally conscious decisions. Achieving SDG 12 is critical for addressing global challenges such as climate change, biodiversity loss, and pollution:

Physical and Environmental Security Policy

Title: Physical & Environmental security Policy	Doc No.:
Approval Date: 18-07-2020	Review: Annual
Effective Date: 19-07-2020	Department: System and Technology

er. No	Release Date	Owner	Approved By	Change details
1.0	19-07-2020	CISO	Vice Chancellor	Initial

1. Purpose

The purpose of this policy is to physically manage controls implemented to protect information systems, buildings, and related supporting infrastructure against threats associated with their physical environment.

2. Scope

This policy applies to information systems and related supporting infrastructure at; Vishwakarma Main Building, VU-1, Survey No 2, 3, 4, Laxmi Nagar, Kondhwa, Pune, Maharashtra-411048.

3. Objective

To Detect, prevent and control unauthorized physical access, damage, and interference to the organization's premises and information.

4. Policy

- a) Appropriate physical and environmental security controls shall be implemented at all VU's Information processing facilities to protect people, property and information system resources.
- b) VU shall adopt risk management approach when identifying physical and environment controls for facilities.

4.1 Physical Entry Controls

- Physical entry controls shall restrict the entry and exit of personnel, from an area, such as an office building, secure areas.
- An entry/ exit log of staff and visitors shall be maintained, with date, time and assets.
- Access to areas where confidential information is stored or processed shall be restricted by proper access control and allowed only to authorize persons.
- A physical log book or electronic audit trail of all access shall be securely maintained & monitored.
- External party support service personnel shall be granted restricted access to secure area only after authorization & monitoring measures in place.
- Access rights to secure area shall be regularly reviewed, updated & revoked when necessary.

4.2 Securing Offices, Rooms and Facilities

- Servers, Networking devices & Computers shall be sited to restrict and control the access.
- The server room shall be protected from eavesdropping.
- Confidential files and important restricted and confidential documents shall be kept at a safe place, with lock and key
- CCTV camera shall be implemented for surveillance

4.3 Protecting Against External and Environmental Threats

- Smoke detectors shall be implemented at appropriate places for early fire detection.
- Fire extinguishers shall be kept at appropriate places.
- AMCs for fire detection & prevention utilities shall be in place & regularly monitored.

4.4 Working in Secure Areas

- The personal (staff) shall only know the existence, or activities in a secure area on a need-to-know basis.
- The secure area shall always be monitored, for safety reason and to prevent opportunities for malicious activities.
- Secure areas which are vacant shall be locked and inspected regularly.
- Office area shall be monitored by CCTV and the footage shall be retained.

4.5 Delivery and Loading Areas

- Delivery from outside of the building shall be restricted to authorized and identified personals only.
- All the incoming material shall be checked for any hazardous material.
- A register shall be maintained for all incoming material in accordance with the asset management.
- All incoming & outgoing material shall be checked for any tampering and shall be reported if observed via proper incident management procedure

5. Equipment Security

This category aims to prevent loss, damage, theft or compromise of assets or interruption to the VU's activities.

5.1 Equipment Siting and Protection

- Equipment's shall be sited to minimize unnecessary risks and to reduce the need for unauthorized access to sensitive areas.
- Isolate item which requires special protection to increase the general level of protection required.
- use specific controls as appropriate to minimize physical threats -- e.g., theft or damage from vandalism, fire, water, dust, smoke, vibration, electrical supply variance, or electromagnetic radiation;

5.2 Supporting Utilities

- Supporting utilities shall be adequate to support the equipment under normal operating conditions
- Reasonable provision shall be made for backups (e.g., a UPS) in the event of supporting utility failure

5.3 Cabling Security

- Physical measures shall be implemented to prevent unauthorized interception or damage, including additional protections for sensitive or critical systems;
- Alternate/backup routings or transmission media where appropriate, particularly for critical systems shall be identified
- Markings and labeling requirement for Cable and equipment shall be clearly identified

5.4 Equipment Maintenance

- Appropriate preventive maintenance schedule shall be prepared;
- Documentation of all maintenance activities, including scheduled preventive maintenance shall be maintained;
- Documentation of all suspected or actual faults, and associated remediation shall be maintained;
- Maintenance shall be conducted only by authorized staff and contracted third parties
- Appropriate security measures, such as clearing of information or supervision of maintenance processes, appropriate to the sensitivity of the information on or accessible by the devices shall be maintained

5.5 Security of Equipment Off-Premises

- Security controls for equipment in transit and in off-site premises, appropriate to the setting and the sensitivity of the information on or accessible by the device shall be implemented;
- Adequate insurance coverage, where third-party insurance is cost-effective; shall be procured
- Staff and contractor shall be made aware of their responsibilities for protecting information, devices, and risks of off-site equipment.

5.6 Secure Disposal or Re-Use of Equipment

- Best practices shall be adopted for secure information removal, appropriate to the sensitivity of the information known or believed to be on the media;
- Information removal shall be performed by appropriately trained personnel

5.7 Removal of Asset

- Information asset/ equipment going in/out of office premises shall be inspected and recorded
- recording of off-site authorizations and inventory of equipment and information taken off-site shall be maintained;
-
- Users authorized to take equipment or information off-site shall be made aware of security risks
- External party users who have the authority to permit off-site removable of assets shall be identified & appropriate security measures shall be implemented to address risk associated with the assets.

6. Enforcement

Any staff found to have violated this policy may be subject to disciplinary action, up to and including termination of employment.

7. Reference Document

- Third- party agreement
- Acceptable use of information assets.
- HR IT policy
- Secure Disposal of media

8. Distribution List

The following users have access to this policy:

- All staff, Contractors, Vendors of Vishwakarma University

9. Acronyms / Definitions

1. VU: Here it refers to Vishwakarma University
2. Staff: Here it refers to Teaching Staff/ Non-Teaching Staff/ Office Staff/ Peons
3. AMC: Annual Maintenance Contract for periodic check & maintenance off supporting utilities
4. Secure area: here it refers to Server room & DVR system place

2) Paryavarna Niti Policy



VISHWAKARMA
UNIVERSITY
Maximising Human Potential

PARYAVARANA NITI

A Comprehensive Sustainability Policy of Vishwakarma University Pune

Vishwakarma University <PARYAVARANA NITI>

Policy Title	PARYAVARANA NITI			
Policy Number	VU/CSN/Policies/2022/01			
Functional Field	Environmental Conservation and Sustainability			
Related Policies (Write N/A if not applicable)	For Part I - Smoke-Free Campus Policy For Part I & II - Green Building and Well-being Policy For Part III - Water Re-use and Maximisation Policy			
Custodian	Director, Centre for Sustainability Nexus			
Status	✓ Active	In-revision		Proposed
		Draft #		Draft #
Approved By	Vice-Chancellor, Vishwakarma University, Pune			
Approval Date	01 st August 2018			
Effective Date	01 st August 2018			

Revision History			
Number	Date	By	Main Changes
Revision # 1	22/09/2020	Director, CEES	1. Change in the custodian of policy (Old Policy No. VU/Policies/2018/03) 2. Added policy for Eco- Friendly Transportation
Revision # 2	18/10/2023	Director, CSN	1. Change in the custodian of policy (Old Policy No. VU/CEES/Policies/2020/01) 2. All environment related policies clubbed together
Revision # 3			

Contact Office: Centre for Sustainability Nexus (CSN)

Email ID: parayvarana@vupune.ac.in

INDEX

Sr. No.	Particulars	Page No.
1.	Part I Sustainable and Clean Campus Policy	03
2.	Part II Energy Conservation Policy	06
3.	Part III Water Conservation Policy	09
4.	Part IV Eco- Friendly Transportation Policy	11
5.	Part V Waste Management (Recycling Waste – Solid & Liquid Waste) Policy	13
6.	Part VI Center for Sustainability Nexus	16
7.	Part VII Policy Governance and Review	18



PART I

Sustainable and Clean Campus Policy

A. Purpose:

The purpose of this policy is to affirm Vishwakarma University's commitment to environmental protection and sustainability, reflecting its dedication across teaching, research, and community service activities. This policy aims to guide the university in fostering environmental stewardship, and sustainability, particularly within its campus and broader community.

B. Scope and Applicability:

This policy applies to all stakeholders within Vishwakarma University, including students, faculty, staff, administrators, and contractors. It encompasses all activities conducted on university grounds and facilities, recognizing the university's role as a reflection of the larger community in which it operates.

C. Policy Statement:

Vishwakarma University acknowledges its special responsibility to exercise environmental conservation and commits to practice standards of environmental protection and sustainability. Through this policy, the university seeks to minimize negative environmental impacts, conserve natural resources, promote biodiversity, and foster a safe and healthy environment for all members of the university community. Furthermore, the university aims to raise environmental awareness, comply with regulations, conduct research, and actively participate in environmental decision-making processes at local, national, and global levels. Vishwakarma University intends to maintain an enduring environment in the campus.

1. To encourage and involve every individual of the university to take part in activities related to environmental concerns.
2. To inspire and support new ideas of making the environment clean and green.
3. Admire the hard work of members of university in protecting the environment.
4. Finding and developing the solutions on reducing carbon footprint, water footprint.
5. To plan and execute the decisions related to Environment, Safety and Health (ESH).
6. To make all the acts and policies of the environment familiar to the participants of making the environment sustainable.



E. Implementation Strategies:

The implementation of this policy will involve the establishment of a Centre for Sustainability Nexus (CSN) consisting of academic and administrative staff, as well as students. This committee will be responsible for developing and recommending programs to meet environmental objectives, overseeing implementation, conducting audits, and issuing periodic reports. The Director, Centre for Sustainability Nexus will be designated to administer and monitor the policy's implementation.



PART II

Energy Conservation Policy

A. Scope:

This Policy is applicable to all members, including teaching and non-teaching staff, as well as students of Vishwakarma University, Pune.

B. Objectives:

1. Raise awareness regarding environmental policy among university stakeholders.
2. Maintain an eco-friendly campus.
3. Promote the utilization of renewable resources.
4. Optimize water and energy consumption to minimize wastage.
5. Ensure clean air and maximize carbon sequestration.
6. Utilize innovative technologies to reduce resource consumption.
7. Sensitize staff and students about energy conservation and efficiency.

C. Policy Statement:

At Vishwakarma University, Pune, we are dedicated to fostering a culture of environmental responsibility and sustainability, recognizing the critical importance of energy conservation in mitigating climate change and preserving natural resources through the policy.

This policy commits us to:

1. Minimizing energy consumption, promoting renewable energy sources, and integrating energy-saving practices into all aspects of university operations.
2. Through collaboration, innovation, and continuous monitoring, we strive to achieve our energy conservation goals while inspiring our university community to embrace environmentally responsible behavior.
3. Through collective action and innovation strive to achieve our energy conservation goals while advancing the broader agenda of sustainable development outlined in the United Nations' SDG and to:
 - i. Usage of Energy Efficient equipments.
 - ii. Use of Renewable sources of energy like solar energy.



VU_ <PARYAVARANA NITI >

- iii. Adhere to the policy to enhance the balance of social, economic, and environmental commitments.
- iv. Contribute to the overall well-being of the university community while meeting educational needs.
- v. Ensure all employees are familiar with the university's environmental policy and practices.
- vi. Implement environmental initiatives considering local infrastructure and needs.
- vii. Consider environmental impact in university activities, following the principles of Reduce, Reuse, Recycle.
- viii. Foster a culture of sustainable practices among students and staff.
- ix. Continuously develop and refine resource, energy, and water conservation plans.
- x. All university members share responsibility for policy implementation.

D. Energy Conservation Practices:

The University practices towards Energy Conservation will be implemented through following measures:

- 1. Appoint Energy Monitors to ensure electronic devices are switched off when not in use.
- 2. Report any instances of energy wastage to the Energy Monitoring Group.
- 3. Enforce the practice of switching off lights when leaving rooms or areas.
- 4. Utilize energy-efficient equipment such as using sensor-based energy conservation devices, use of LED bulbs or power efficient equipments and prioritize natural lighting wherever feasible.
- 5. Implement protocols for powering down equipment during periods of inactivity.
- 6. Regularly maintain equipment and install energy-efficient fixtures.
- 7. Encourage all members of the university community to adopt energy-saving habits.
- 8. Integrate energy conservation education and awareness creation practices through university curriculum and extracurricular activities.
- 9. Conduct periodic energy audits to identify consumption patterns and areas for improvement.



E. Implementation Strategies:

The implementation of this policy will be done by the Centre for Excellence for Energy and Sustainability along with a team consisting of academic and administrative staff, as well as students. This committee will be responsible for developing and recommending programs to meet energy conservation objectives, overseeing implementation, conducting audits, and issuing periodic reports. Director, Centre for Sustainability Nexus will be designated to administer and monitor the policy's implementation.



PART III

Water Conservation Policy

A. Scope:

This Policy is applicable to all members, including teaching and non-teaching staff, as well as students of Vishwakarma University, Pune, recognizing the critical importance of responsible water management in achieving sustainability goals.

B. Objectives:

1. Raise awareness regarding the importance of water conservation among university stakeholders.
2. Maintain a campus environment that promotes water efficiency and sustainability.
3. Encourage the utilization of water-saving technologies and practices.
4. Optimize water consumption to minimize wastage and preserve water resources.
5. Ensure a clean and healthy campus environment through responsible water management.
6. Foster a culture of environmental responsibility and water conservation among staff and students.

C. Policy Statement:

With reference to the responsibility of the private institutions as envisaged under the Water (Prevention and Control of pollution) Act 1974, the University staff and students shall collectively and individually strive for conservation of water. The Vishwakarma University, Pune is committed towards promoting water conservation and sustainability as integral components of our environmental stewardship efforts. Recognizing the vital role of water in sustaining life and ecosystems, we establish our water conservation policy to guide our actions and behaviors. This policy commits us to minimizing water consumption, implementing water-saving technologies, and integrating water conservation principles into all aspects of university operations. Through collaboration, innovation, and continuous monitoring, we strive to achieve our water conservation goals while inspiring our university community to embrace responsible water use. By implementing this policy, we reaffirm our commitment to protecting water resources and creating a sustainable future for generations to come.



D. Water Conservation Practices:

The University will adopt the following practices for water conservation:

1. Manage optimal rain water harvesting during monsoon.
2. Develop and promote water conservation ethics among Students.
3. Introduce the water conservation policy and procedures to the students and their parents, faculty and custodians.
4. Implement procedures to minimize the use of water, its wastage and loss by evaluating continuously and adopting new technologies and practices.
5. Install and give priority to replacing old fixtures and appliances with water-efficient models.
6. The responsibility for a sustainable water use among the students.
7. Ensure that leaks are checked for regularly and fixed promptly.
8. Quality of drinking water to be checked regularly.
9. Form a process to inform, involve, and educate the students.

E. Implementation Strategies:

The implementation of this policy will be overseen by the Centre for Sustainability Nexus. The center will be responsible for developing and recommending programs to meet water conservation objectives, overseeing implementation, conducting audits, and issuing periodic reports. The Director of the Centre for Sustainability Nexus will be designated to administer and monitor the policy's implementation.



PART IV

Eco- Friendly Transportation Policy

A. Scope:

This policy applies to all members, including teaching and non-teaching staff, as well as students of Vishwakarma University, Pune, recognizing the importance of promoting sustainable travel and transportation options to reduce carbon emissions and minimize environmental impact.

B. Objectives:

1. Raise awareness and promote the adoption of eco-friendly transportation options among university stakeholders.
2. Implement measures to reduce reliance on conventional transportation modes and promote the use of sustainable travel alternatives.
3. Encourage staff and students to adopt environmentally friendly transportation modes to reduce air pollution and carbon emissions.
4. To enhance eco-friendly zones and pathways to encourage healthy environment.

C. Policy Statement:

Vishwakarma University, Pune, is committed to promoting eco-friendly transportation practices as part of our broader sustainability initiatives. Eco-Friendly Transportation Policy aim to guide our efforts in promoting sustainable travel and reducing environmental impact. This policy commits us to promoting green transportation initiatives and encouraging the adoption of alternative modes of travel, such as cycling, carpooling, walking, and the use of public transport, among staff and students. Through collaboration, innovation, and continuous monitoring, we strive to achieve our objectives of reducing carbon emissions, minimizing air pollution, and fostering a culture of sustainable transportation within our university community.

D. Eco-Friendly Transportation Practices:

The University will adopt the following practices to promote eco-friendly transportation:

1. To promote the use of low-carbon transportation options, such as cycling, walking, carpooling, and public transport, through awareness campaigns and incentives.



2. To provide facilities and infrastructure to support alternative modes of transportation, including bicycle parking, carpooling schemes, and access to public transportation routes.
3. To encourage staff and students to prioritize eco-friendly transportation options for commuting to and from the university, as well as for travel between campus locations.
4. To enhance pedestrian pathways, crosswalks, and pedestrian-friendly zones to encourage walking.
5. To promote use of electric vehicles and install EV charging stations in campus parking lots.
6. To provide educational resources and training programs to raise awareness about the environmental benefits of sustainable transportation and to promote behavior change.
7. To monitor and evaluate the effectiveness of eco-friendly transportation initiatives, and adjust strategies as necessary to achieve desired outcomes.
8. To conduct workshops and seminars on sustainable transportation practices and organizing events such as 'Bike to University Day' or 'Car-Free Day' to promote eco-friendly commuting

E. Implementation Strategies:

The implementation of this policy will be overseen by the Centre for Sustainability Nexus in coordination with Infrastructure and Campus Management authority. The Director may form a committee responsible for developing and implementing programs to promote eco-friendly transportation, monitoring progress towards policy objectives, and conducting annual reviews of the Sustainable Modes of Travel Strategy.



PART V

Waste management (Recycling Waste (Solid & Liquid Waste) Policy)

A. Scope:

This policy applies to all members, including teaching and non-teaching staff, as well as students of Vishwakarma University, Pune, recognizing the importance of responsible waste management in promoting environmental sustainability.

B. Objectives:

1. Raise awareness regarding the importance of recycling waste among university stakeholders.
2. Establish and maintain effective recycling programs for both solid and liquid waste materials.
3. Promote waste minimization, reuse, and recycling practices to reduce the environmental impact of waste disposal.
4. Ensure compliance with relevant regulations and guidelines for the handling and disposal of waste materials.
5. Foster a culture of environmental responsibility and waste management among staff and students.

C. Policy Statement:

At Vishwakarma University, Pune, we are committed to promoting sustainable waste management practices as integral components of our environmental stewardship efforts. Recognizing the environmental and social benefits of recycling waste materials, we establish our Recycling Waste Management Policy to guide our actions and behaviors. This policy commits us to implementing effective recycling programs for both solid and liquid waste streams, minimizing waste generation, and promoting the reuse and recycling of materials wherever possible. Through collaboration, innovation, and continuous monitoring, we strive to achieve our waste management goals while inspiring our university community to embrace responsible waste practices. The University shall involve students and organize competitions, events or activities in order to promote waste reduction practices, increase the knowledge and awareness about issues related to waste and potentially foster collegiality in achieving the goals.



D. Recycling Waste Management Practices:

The University will adopt the following practices for recycling waste:

1. To establish separate collection and recycling systems for solid waste materials such as paper, plastics, glass, metal, and organic waste.
2. To adopt efficient mechanism for kitchen waste and sewage waste treatment such as biogas plant installation.
3. To prohibit the use of single-use plastics on campus, including plastic bags, straws, cutlery, and bottles. Replace them with sustainable alternatives like paper, metal, or biodegradable materials.
4. To educate and train staff and students on proper waste sorting and recycling practices to maximize participation and effectiveness of recycling programs.
5. To monitor and track recycling rates and performance metrics to assess the effectiveness of recycling initiatives and identify opportunities for improvement.
6. To continuously evaluate and update recycling programs and infrastructure to adapt to changing waste management needs and technologies such as installation of biogas plant.
7. To implement measure to dignified ways for sanitary waste disposal.
8. To provide basic information and ideas on waste reduction, reuse, recycling, composting and buying recycled products and packaging for school.
9. To encourage canteen(s) to sell products with minimal/ recyclable packaging such as use paper cups, washable dishes etc.
10. To encourage all staff to enthuse and inspire students to reduce the amount of litter and to ensure bin placement is in appropriate areas and an adequate number of bins are available.
11. To encourage staff to praise non-littering behavior and provide feedback on improvements to areas those are relatively litter-free.
12. To organize regular e-waste collection drives where students, faculty, and staff can dispose of their electronic waste responsibly. And to partner with certified e-waste recyclers to ensure proper handling and recycling.
13. To repair and refurbish old electronics for reuse within the university or donate them to local schools and communities



14. To conduct workshops, seminars etc. to educate the university community about the importance of e-waste management and the environmental impact of improper disposal.
15. To implement procurement policies that prioritizes buying durable, repairable, and recyclable electronic products. Encourage the purchase of certified eco-friendly electronics.

E. Implementation Strategies:

The implementation of this policy will be overseen by the Centre for Sustainability Nexus, comprising academic and administrative staff, as well as student representatives. This committee will be responsible for developing and recommending programs to meet recycling waste management objectives, overseeing implementation, conducting audits, and issuing periodic reports. The Director of the Centre for Excellence for Sustainability Nexus will be designated to administer and monitor the policy's implementation.



PART VI:**Center for Sustainability Nexus (CSN)**

The Center for Sustainability Nexus shall be the custodian and responsible body for implementation of all the provisions of this Comprehensive Sustainability Policy Framework of Vishwakarma University, Pune

A. Objectives:

The Centre for Sustainability Nexus aims to:

1. Promote research, education, and outreach initiatives in the field of energy and sustainability to contribute towards achieving national and international sustainability goals.
2. Develop innovative solutions and technologies to address energy challenges, mitigate climate change, and promote environmental conservation.
3. Foster interdisciplinary collaboration and knowledge exchange among academia, industry, government, and civil society to advance sustainable development.
4. Enhance awareness and understanding of energy and sustainability issues among students, faculty, staff, and the broader community.

B. Composition:

The composition of the Centre for Sustainability Nexus shall comprise:

- i. Director: Appointed by the Vice Chancellor, for providing leadership and oversight of Centre activities.
- ii. Faculty Members from different Departments: Academic experts from relevant disciplines, appointed to contribute expertise and guidance.

The Center may constitute a student club for co-ordination and volunteering to organize activities of the Center. It may include nominated current students and interested alumni in furtherance of the cause of environmental protection and conservation.

C. Functions:

The Centre functions include:

- i. Conducting research and development activities in areas such as renewable energy, energy efficiency, sustainable transportation, and environmental conservation.



- ii. Offering academic programs, courses, and certifications in energy and sustainability disciplines.
- iii. Collaborating with government agencies, industry partners, and non-profit organizations on projects and initiatives aimed at promoting sustainable development.
- iv. Engaging in community outreach and public awareness campaigns to promote sustainable lifestyle choices and behaviors.
- v. Providing technical expertise and advisory services to support sustainable infrastructure development and energy management practices.
- vi. Facilitating networking and knowledge-sharing opportunities for stakeholders involved in energy and sustainability initiatives.

D. Operational Mechanism:

The Centre shall operate according to the following mechanisms:

- i. Regular meetings shall be held to discuss and plan Centre activities, as determined by the Director.
- ii. Meeting agendas shall be developed to align with Centre objectives and annual action plans, addressing current priorities and needs.
- iii. Proper records of meeting minutes and actions taken shall be maintained in accordance with institutional quality assurance standards.

E. Procedure for violations

- i. The center is empowered to take appropriate action and initiate procedures to address, rectify and determine the penalties.
- ii. Any violation of the provisions under this policy framework can be reported by any person including students, faculty, staff or visitor for possible observation of violation of environmental preservation and protection.
- iii. The report shall be addressed to the custodian of the Policy. Thereupon, the Center shall take cognizance and direct further course of action within 10 days from the date of receipt of such communication.



PART VII: Policy Governance and Review

A. Review of Policy:

The Centre, in consultation with relevant stakeholders, may suggest changes to its policies and procedures based on experience and evolving needs.

The Director of the Centre shall be authorized to recommend changes, subject to approval from the Vice Chancellor or the University's Board of Management.

B. Terms and Conditions:

Under this policy, the Centre for Sustainability Nexus will be required to prepare action plans aligned with the framework established in the Vishwakarma University. The same should be followed by all the Faculty and Departments of the University. The Committee will also seek to promote best practices and provide open access to information related to environmental programs and progress.

C. Policy Custodian:

The Director, Centre for Sustainability Nexus will serve as the custodian of this policy, overseeing its implementation and ensuring compliance.

D. Approval Body:

This policy is approved by the Vice-Chancellor of Vishwakarma University and is effective from the date of approval or revision as mentioned.

E. Responsibility for Implementation of overall policy framework:

The Director, Centre for Sustainability Nexus, will be responsible for implementing this policy. The Officer will monitor its implementation, receiving and addressing complaints and suggestions from campus residents regarding environmental violations. The Office of Vice-Chancellor will be responsible for administering of the implementation of this policy.

Sign:



Prof. Apurva Bhilare
Director,
CSN

Prepared By

Sign:



Prof. (Dr.) Chetan Kapadnis
Director,
IQAC

Verified By

Sign:



Prof. (Dr.) Siddharth Jabade
Vice-Chancellor
Vishwakarma University

Approved By





Vishwakarma University, Pune
 Survey No. 2, 3, 4 Laxmi Nagar,
 Kondhwa (Bk.) Pune - 411048. Maharashtra, India

Contact Us : +91 90670 022 23 / 24 / 25 / 26

www.vupune.ac.in

Email : admissions@vupune.ac.in | connect@vupune.ac.in