

Key Indicator – 7.1 Institutional Values and Social Responsibilities
(50)

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution as follows:

1. Green audit /Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion and sustainability activities

(5)

Criterion 7 – Institutional Values and Best Practices
(100)



APPENDIX - I

POLICY DOCUMENT ON ENVIRONMENT
AND ENERGY USAGE CERTIFICATE FROM
THE AUDITING AGENCY

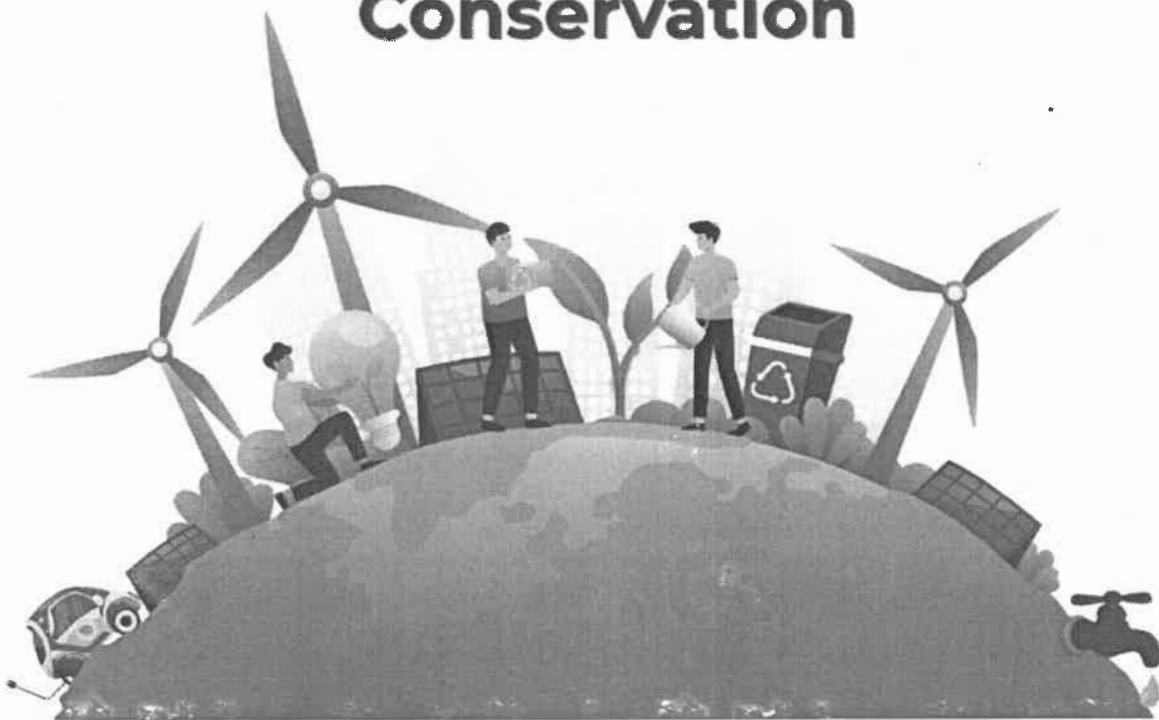


21 May 2021

Sushant University

Erstwhile Ansal University Gurugram

Energy Conservation



ENERGY CONSERVATION POLICY

Applicable from 2021-22 & Onwards

Preamble:

The Energy Conservation Policy has been implemented by Sushant University is an effort to foster environmental consciousness and the overall development of pupils. The organisation wants to guarantee a satisfactory level of indoor air quality, cut down on energy use and increase energy efficiency on campus using strategies that are in line with a safe, secure, and environmentally conscious campus community. Energy conservation shall be achieved, as stated in this policy, by creating a proactive and forward-thinking strategy to provide responsible, cost-effective, and energy-efficient operations on campus.

Applies to - Staff, Members of the faculty & Students

Energy Conservation Practices:

Since LED bulbs are the most energy-efficient lighting choice, the university has replaced its tube lights with LED tubes as part of its energy-saving measures. The University is dedicated to lowering its carbon footprint with use of low- or zero-carbon energy sources and energy-efficient practices. By encouraging responsible energy consumption and going above and above the requirements set by law.

Students and staff are taught energy conservation techniques and environmentally good behaviours by being reminded of little but highly efficient ways to cut electricity consumption, such as turning off all lights, appliances, AC and other electronics when not in use. The same is being practiced at university level with the help of pamphlets, Emails and weekly announcements by faculty and Facility management staff.



Procedures:

1. Any equipment or process that wastes water or energy should be examined, and the relevant responsible parties should make the necessary adjustments.
2. Examining the energy and water consumption parameters should be a part of every equipment acquisition decision. The models with the best efficiency should be bought whenever possible.
3. Each organizational unit within the university will identify inefficiencies related to water and energy use and strive towards ongoing reductions and improvements; the Facilities Management Department will give information and recommendations on energy saving measures.

Some Energy saving practices

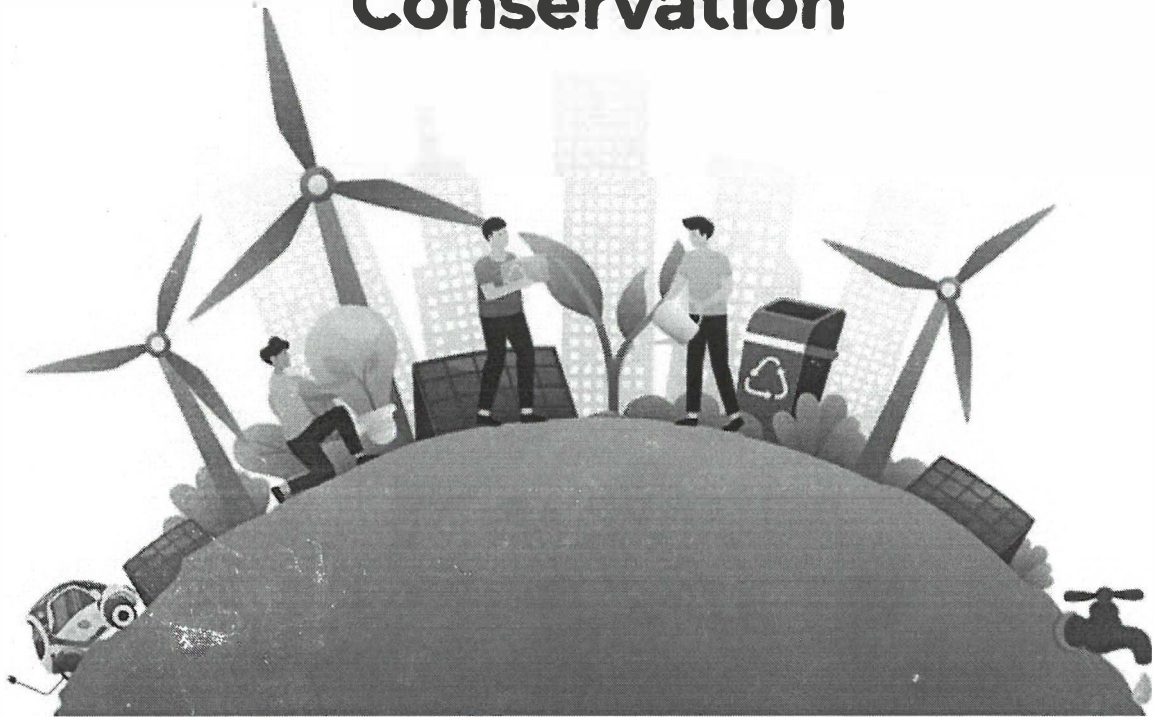
- Unless in use, turn off or unplug laptops, workplace computers, displays, and lab equipment, especially at night and on weekends. Unplug any devices that are not in use often.
- To avoid losing conditioned air, turn off fume hoods and biosafety cabinets while not in use. When you leave a room empty or pass one that is empty, turn out the lights. Urge other people to follow suit.
- Use of personal Heaters and cooling devices are strongly discouraged.
- Recheck all power points and plugs before leaving the university premises/office.



Registrar



Energy Conservation



ENERGY CONSERVATION POLICY

SUSHANT UNIVERSITY
(Erstwhile Ansal University)
2022-2023



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**** The Policy is Applicable from July 4, 2022 Onwards***

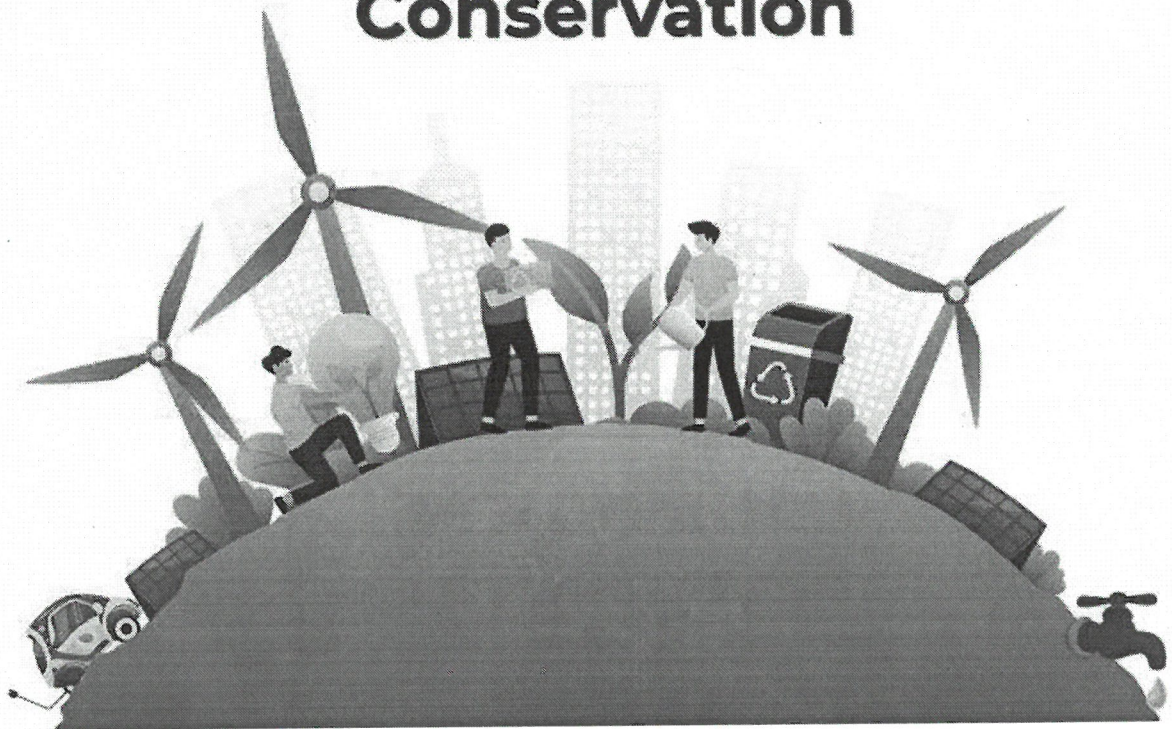


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Sushant University

Energy Conservation



ENERGY CONSERVATION POLICY

SUSHANT UNIVERSITY

2023-2024



1. Vision Statement:

- To foster a sustainable campus culture at Sushant University by promoting energy conservation, reducing our environmental footprint, and setting an example for responsible energy use.

2. Policy Objectives:

- Reduce the University's overall energy consumption by [target percentage] compared to the baseline year of 2022.
- Increase awareness and understanding of energy conservation practices among all members of the University community.
- Implement energy-efficient infrastructure and technologies to minimize energy waste.
- Optimize energy management systems to ensure efficient operation of campus facilities.
- Promote sustainable energy sources and explore renewable energy options.

3. Scope:

This policy applies to all University facilities, including academic buildings, administrative offices, residential halls, research labs, and outdoor spaces.

4. Roles and Responsibilities:

- **Energy Management Committee:** Oversee the implementation and monitoring of the policy, develop strategies, and allocate resources.
- **Department Heads:** Ensure compliance with the policy within their respective departments, identify energy-saving opportunities, and educate staff and students.
- **Facility Management:** Manage energy-related systems, conduct regular audits, and implement energy-efficient upgrades.
- **Students:** Participate in energy conservation initiatives, raise awareness, and report any energy-related issues.
- **Staff:** Practice energy-efficient behavior in their daily work, support energy-saving measures, and report any inefficiencies.

5. Energy Conservation Guidelines:

- **Building Management:**
 - Install energy-efficient lighting fixtures (LED or CFL) and occupancy sensors.
 - Optimize HVAC systems to minimize energy consumption.
 - Insulate buildings and seal air leaks to reduce heat loss.
 - Implement programmable thermostats to control temperature settings.
 - Encourage natural ventilation whenever possible.



- **Equipment and Appliances:**
 - Purchase energy-efficient equipment and appliances.
 - Turn off computers, lights, and other equipment when not in use.
 - Utilize power strips to reduce phantom energy consumption.
 - Promote the use of energy-efficient laboratory equipment.
- **Water Conservation:**
 - Install water-saving fixtures in restrooms and showers.
 - Repair leaks promptly to prevent water wastage.
 - Encourage responsible water usage in landscaping and irrigation.
- **Transportation:**
 - Promote cycling, walking, and public transportation for commuting.
 - Provide secure bicycle parking facilities.
 - Explore options for carpooling and ride-sharing.
- **Renewable Energy:**
 - Investigate the feasibility of installing solar panels or other renewable energy systems on campus.
 - Explore partnerships with renewable energy providers.

6. Monitoring and Evaluation:

- Track energy consumption data regularly and compare it to baseline levels.
- Conduct energy audits to identify areas for improvement.
- Evaluate the effectiveness of energy conservation initiatives and make necessary adjustments.
- Report progress and achievements to the University community.

7. Communication and Awareness:

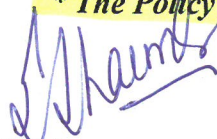
- Develop educational campaigns to raise awareness about energy conservation.
- Organize workshops, seminars, and training sessions for staff and students.
- Utilize campus publications, social media, and electronic newsletters to disseminate information.
- Recognize and reward individuals or departments that demonstrate exceptional energy conservation practices.

8. Implementation Timeline:

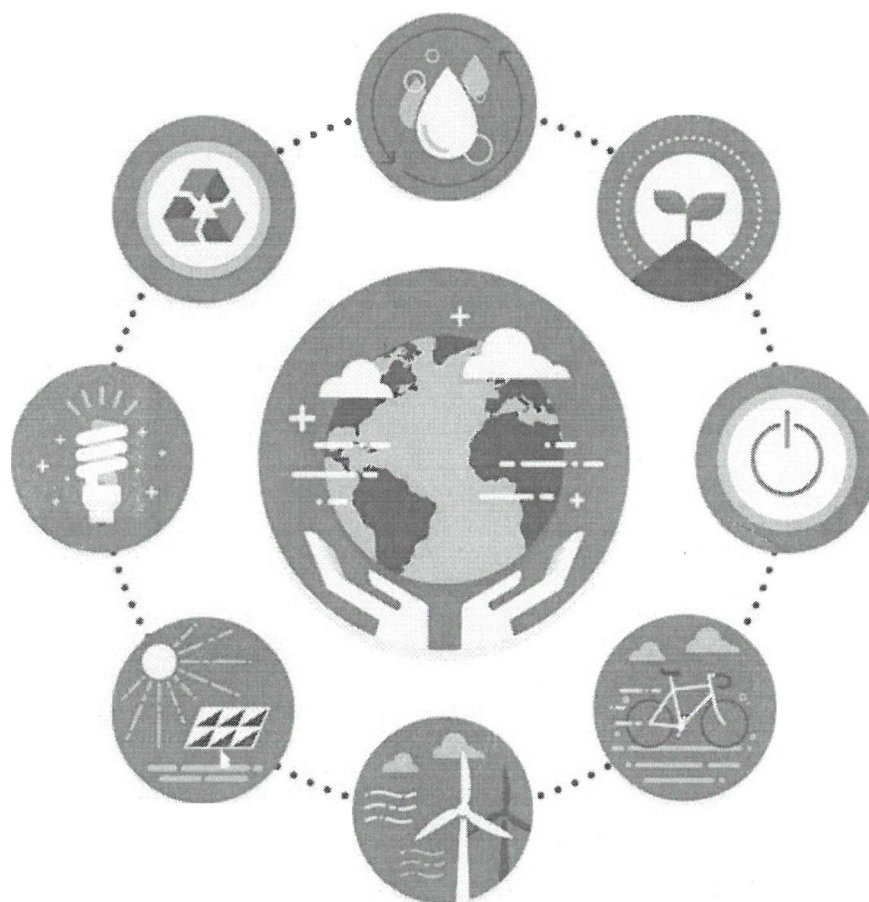
- Develop a detailed implementation plan with specific goals and deadlines.
- Allocate necessary resources and budget for energy conservation initiatives.
- Monitor progress regularly and make adjustments as needed.

By adhering to this comprehensive Energy Conservation Policy, Sushant University can significantly reduce its energy consumption, minimize its environmental impact, and create a more sustainable campus for future generations.

*** The Policy is Applicable from July 3, 2023 Onwards**


Registrar





ENVIRONMENTAL POLICY
SUSHANT UNIVERSITY
(Erstwhile Ansal University)

2022-2023



Preamble

Sushant University recognizes the critical importance of environmental sustainability in fostering a healthy and sustainable future. This Environmental Policy outlines our commitment to reducing our ecological footprint, promoting sustainable practices, and engaging the university community in environmental stewardship.

Objectives

1. **Sustainability Integration:** Incorporate sustainability into all aspects of university operations, including curriculum development, research initiatives, and community engagement.
2. **Resource Efficiency:** Minimize waste and optimize the use of resources, including water, energy, and materials.
3. **Biodiversity Conservation:** Protect and enhance local biodiversity through sustainable landscaping and habitat preservation initiatives.
4. **Carbon Footprint Reduction:** Achieve a measurable reduction in greenhouse gas emissions through energy efficiency measures and renewable energy adoption.
5. **Education and Awareness:** Foster a culture of environmental awareness through educational programs, workshops, and events for students, faculty, and staff.

Policy Commitments

1. Waste Management

- Implement a comprehensive waste management program focusing on reducing, reusing, and recycling materials.
- Promote composting in cafeterias and around campus.
- Conduct regular audits of waste production and recycling efforts.

2. Energy Efficiency

- Transition to energy-efficient lighting and appliances across campus.
- Conduct energy audits to identify opportunities for reducing consumption.



- Invest in renewable energy sources, such as solar panels, to power university facilities.

3. Water Conservation

- Implement water-saving technologies in buildings, such as low-flow fixtures and rainwater harvesting systems.
- Monitor water usage and set reduction targets to minimize consumption.

4. Sustainable Transportation

- Encourage the use of public transportation, cycling, and walking through improved infrastructure and incentives.
- Promote carpooling and provide facilities for electric vehicles.

5. Curriculum Development

- Integrate sustainability and environmental topics into academic programs across disciplines.
- Encourage research initiatives that address environmental challenges.

6. Community Engagement

- Organize environmental awareness campaigns and volunteer opportunities for students and staff.
- Collaborate with local organizations to promote sustainability initiatives within the wider community.

7. Biodiversity Initiatives

- Develop and maintain green spaces on campus that support native flora and fauna.
- Engage in conservation projects that promote biodiversity both on and off campus.

8. Monitoring and Reporting

- Establish key performance indicators (KPIs) to measure the effectiveness of environmental initiatives.
- Report progress annually to the university community and stakeholders, ensuring transparency and accountability.



- **Water-Efficient Fixtures:** Install water-efficient toilets, faucets, and irrigation systems across campus.

Transportation

- **Promote Public Transport:** Encourage the use of public transport, cycling, and walking through awareness campaigns and partnerships.
- **Carpooling Initiatives:** Develop a carpooling program to reduce single-occupancy vehicle use.
- **Electric Vehicle Charging Stations:** Install charging stations for electric vehicles on campus.

Green Spaces

- **Biodiversity Enhancement:** Plant native trees and vegetation to support local biodiversity.
- **Green Roofs and Walls:** Explore opportunities to install green roofs and living walls on university buildings.
- **Community Gardens:** Establish community gardens to promote sustainable agriculture and provide educational opportunities.

Curriculum and Research

- **Sustainable Education:** Integrate sustainability topics into the curriculum across all disciplines.
- **Research Funding:** Provide funding and support for research projects focused on sustainability and environmental stewardship.

Implementation

- **Green Committee:** Establish a Green Committee comprising faculty, staff, and students to oversee the implementation of this policy and initiatives.
- **Monitoring and Reporting:** Regularly monitor and report progress on sustainability goals and initiatives to the university community.

*** The Policy is Applicable from July 4, 2022 Onwards**


Registrar



Sushant University



ENVIRONMENTAL POLICY

SUSHANT UNIVERSITY

2023-2024



Preamble

Sushant University recognizes the critical importance of environmental sustainability and its responsibility to protect the natural resources for future generations. We are committed to fostering a culture of environmental awareness, promoting sustainable practices, and minimizing our ecological footprint. This policy outlines the University's environmental objectives, strategies, and actions to ensure a healthy and sustainable campus.

Agenda

1. Environmental Vision and Mission

Vision: To be a leading institution in India, committed to environmental sustainability, fostering a culture of environmental stewardship, and promoting sustainable practices in all aspects of campus operations.

Mission: To create a sustainable campus that minimizes its environmental impact, conserves natural resources, and promotes environmental education and research.

2. Policy Statement

Sushant University is committed to:

- Complying with all applicable environmental laws, regulations, and standards.
- Minimizing waste generation and promoting resource conservation.
- Reducing energy consumption and greenhouse gas emissions.
- Promoting sustainable transportation and reducing dependence on fossil fuels.
- Protecting biodiversity and promoting ecological restoration.
- Fostering environmental awareness and education among students, faculty, and staff.
- Engaging with the local community on environmental issues.

3. Environmental Goals and Targets

Goal 1: Reduce energy consumption by 20% by 2024.

- Target 1.1: Install energy-efficient lighting and appliances in all campus buildings.
- Target 1.2: Implement energy-saving measures, such as regular maintenance of HVAC systems and building automation.

Goal 2: Reduce water consumption by 15% by 2024.

- Target 2.1: Install water-saving fixtures in all campus buildings.
- Target 2.2: Implement rainwater harvesting and reuse systems.

Goal 3: Reduce waste generation by 25% by 2024.

- Target 3.1: Promote recycling and composting programs on campus.
- Target 3.2: Reduce single-use plastics and promote reusable items.

Goal 4: Promote sustainable transportation.

- Target 4.1: Encourage cycling and walking by providing safe and accessible bike paths and pedestrian walkways.



- Target 4.2: Expand public transportation options and provide subsidies for students and staff.

Goal 5: Protect biodiversity and promote ecological restoration.

- Target 5.1: Establish a campus biodiversity conservation plan.
- Target 5.2: Restore degraded areas on campus and create green spaces.

4. Roles and Responsibilities

- University Administration: Overall leadership and oversight of environmental policies and initiatives.
- Environmental Committee: Develop and implement environmental policies and strategies.
- Faculty and Staff: Integrate environmental education and sustainability into their teaching and research activities.
- Students: Participate in environmental initiatives and promote sustainable practices on campus.

5. Monitoring and Evaluation

- Environmental Performance Indicators: Establish key performance indicators to track progress towards environmental goals.
- Regular Reporting: Report on environmental performance to the university community and stakeholders.
- Continuous Improvement: Use monitoring and evaluation data to identify areas for improvement and make necessary adjustments to policies and practices.

6. Communication and Engagement

- Environmental Awareness Campaigns: Conduct outreach activities to raise awareness about environmental issues.
- Community Partnerships: Collaborate with local organizations on environmental initiatives.
- Student Engagement: Involve students in environmental decision-making and leadership.

*** The Policy is Applicable from July 3, 2023 Onwards**


Registrar





GREEN POLICY
SUSHANT UNIVERSITY
(Erstwhile Ansal University)

2022-2023



Preamble

Sushant University is committed to promoting sustainable practices and reducing its environmental impact. This Green Policy outlines our initiatives and guidelines to create a greener campus and foster an eco-friendly culture among students, faculty, and staff.

Agenda

1. **Sustainability Awareness:** To educate the university community about sustainability and environmental issues.
2. **Resource Conservation:** To reduce waste and conserve energy and water resources.
3. **Biodiversity Promotion:** To enhance and protect biodiversity on campus.
4. **Sustainable Practices:** To integrate sustainable practices into the university's operations, curriculum, and research.

Scope

This policy applies to all students, faculty, staff, and visitors at Sushant University. It encompasses all university facilities and activities.

Key Initiatives

Energy Conservation

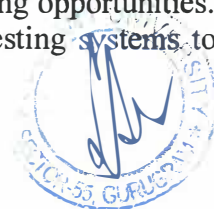
- **Energy Audits:** Conduct regular energy audits to identify areas for improvement.
- **Renewable Energy:** Invest in renewable energy sources, such as solar panels, to reduce dependence on non-renewable energy.
- **Efficient Lighting:** Replace all incandescent lighting with energy-efficient LED bulbs.

Waste Management

- **Recycling Programs:** Implement a comprehensive recycling program for paper, plastics, and metals across campus.
- **Waste Reduction:** Encourage the use of digital materials to minimize paper usage and promote reusable containers.
- **Composting:** Establish composting facilities for organic waste from cafeterias and landscaping.

Water Conservation

- **Water Audits:** Conduct audits to identify water-saving opportunities.
- **Rainwater Harvesting:** Implement rainwater harvesting systems to reduce reliance on municipal water sources.



Implementation and Review

- **Environmental Committee:** Form an Environmental Committee comprising faculty, staff, and student representatives to oversee the implementation of this policy and coordinate efforts across departments.
- **Training and Resources:** Provide training and resources to support faculty and staff in integrating sustainability into their work.
- **Continuous Improvement:** Regularly review and update this policy to reflect new research, technologies, and best practices in environmental sustainability.

** The Policy is Applicable from July 4, 2022 Onwards*


Registrar



Sushant University



GREEN POLICY

SUSHANT UNIVERSITY

2023-2024



Preamble

Sushant University is committed to fostering a sustainable and environmentally responsible campus. This green policy outlines the institution's commitment to environmental sustainability and provides guidelines for implementing green practices across all aspects of university operations.

Commitment to Sustainability

- Sushant University recognizes the critical importance of environmental sustainability and is dedicated to reducing its ecological footprint.
- The university will strive to create a campus that is environmentally friendly, socially responsible, and economically viable.

Green Campus Initiatives

- **Sustainable Infrastructure:**
 - The university will prioritize the construction and renovation of buildings using sustainable materials, energy-efficient technologies, and green building practices.
 - The campus will incorporate renewable energy sources, such as solar and wind power, to reduce reliance on fossil fuels.
- **Energy Conservation:**
 - The university will implement energy-saving measures, including efficient lighting systems, intelligent HVAC controls, and energy-efficient appliances.
 - Regular energy audits will be conducted to identify opportunities for improvement and optimize energy consumption.
- **Water Conservation:**
 - The university will adopt water-saving practices, such as rainwater harvesting, efficient irrigation systems, and low-flow fixtures.
 - Water usage will be monitored and managed to minimize waste and ensure sustainable water resources.
- **Waste Management:**
 - The university will implement a comprehensive waste management plan, including recycling, composting, and waste reduction programs.
 - Efforts will be made to minimize waste generation and promote sustainable consumption practices.
- **Biodiversity Conservation:**
 - The university will protect and enhance biodiversity on campus by preserving natural habitats, planting native species, and creating green spaces.
 - Measures will be taken to prevent habitat fragmentation and promote ecological connectivity.

Goal 1: Reduce Carbon Footprint

- **Renewable Energy Integration:** Install solar panels on campus buildings to generate clean, renewable energy.



- **Energy Efficiency:** Upgrade lighting systems to LED, optimize HVAC systems, and implement energy-efficient practices in classrooms and laboratories.
- **Electric Vehicle Infrastructure:** Install charging stations for electric vehicles to encourage sustainable transportation.

Goal 2: Conserve Water

- **Rainwater Harvesting:** Implement rainwater harvesting systems to collect and utilize rainwater for landscaping and non-potable purposes.
- **Water-Efficient Fixtures:** Install low-flow faucets, showerheads, and toilets to reduce water consumption.
- **Landscape Optimization:** Choose drought-tolerant plants and implement efficient irrigation practices.

Goal 3: Minimize Waste

- **Waste Reduction:** Promote waste reduction initiatives, such as composting food scraps and reducing single-use plastic consumption.
- **Recycling and Composting:** Establish efficient recycling and composting programs on campus.
- **Waste Management Partnerships:** Collaborate with local waste management organizations to ensure proper disposal and recycling of waste.

Goal 4: Promote Sustainable Transportation

- **Bicycle and Walking Infrastructure:** Develop safe and accessible bicycle and walking paths on campus.
- **Public Transportation Integration:** Encourage the use of public transportation by providing bus stops and information about transportation options.
- **Carpooling and Ride-Sharing:** Promote carpooling and ride-sharing initiatives among students, faculty, and staff.

Goal 5: Enhance Biodiversity

- **Native Plant Gardens:** Create gardens with native plants to support local ecosystems and attract pollinators.
- **Wildlife Habitats:** Protect and enhance existing wildlife habitats on campus.
- **Biodiversity Education:** Integrate biodiversity education into the curriculum and organize nature walks and workshops.

Goal 6: Foster Environmental Awareness

- **Environmental Education Programs:** Develop and implement environmental education programs for students, faculty, and staff.
- **Community Outreach:** Organize community outreach events to raise awareness about environmental issues and promote sustainable practices.
- **Green Certifications:** Pursue green certifications for the university and individual buildings to demonstrate commitment to sustainability.



Goal 7: Support Sustainable Research

- **Environmental Research Grants:** Establish funding for environmental research projects conducted by faculty and students.
- **Interdisciplinary Collaboration:** Encourage collaboration between different departments to address environmental challenges from multiple perspectives.
- **Sustainable Technology Development:** Support the development of sustainable technologies and innovations.

Governance and Accountability

- The university will establish a Green Committee to oversee the implementation of this policy and ensure accountability.
- The committee will monitor progress, evaluate the effectiveness of green initiatives, and recommend improvements.

Review and Updates

- This green policy will be reviewed and updated periodically to reflect changes in environmental regulations, technologies, and best practices.

*** The Policy is Applicable from July 3, 2023 Onwards**



Registrar





Metric 7.1.6

**GREEN ENERGY & ENVIRONMENT STUDY
CERTIFICATES**

National Award Winner
(2013)



एक कदम स्वच्छता की ओर



Save Energy Save Earth



A-Z ENERGY ENGINEERS PVT. LTD.

(An ISO 9001:2015 Certified Company)

Winner

- Best Entrepreneur Award By Hon'ble Prime Minister of India
- Awards by AEE Atlanta, USA in 2016, 2018, 2020 & 2021
- National Energy Conservation Award – 2016, 2015 & 2013
- Haryana State Energy Conservation Award – 2012, 2017 & 2018

Corporate Identity Number : U40300DL2012PTC236342

Certificate

It is certified that our company A-Z Energy Engineers Pvt. Ltd. has carried out following Studies / Audits in the premises of Sushant University (Esrt. Ansal University), Sector-55, Gurugram, in the month of July 2021;

1. Detailed Energy Audit
2. Electrical Safety Audit
3. Water Audit
4. Green and Environment Study
5. Thermal Imaging

The audit team was headed by Dr. P.P. Mittal, Accredited Energy Auditor, Director, A-Z Energy Engineers Pvt. Ltd. and Sh. S.S. Maan, Accredited Energy Auditor, It is further intimated that the data collection had been carried out diligently and truthfully. All reasonable professional skill, case and diligence had been taken in preparing the Reports and the contents thereof are a true representation of the facts;

For A-Z Energy Engineers Private Limited


Director

Dr. P. P. MITTAL
Director

19th July 2021



National Award Winner
(2013)



एक कदम स्वच्छता की ओर



Save Energy Save Earth



A-Z ENERGY ENGINEERS PVT. LTD.

(An ISO 9001:2015 Certified Company)

Winner

- Best Entrepreneur Award By Hon'ble Prime Minister of India
- Best Entrepreneur Award By Hon'ble Chief Minister, Haryana
- Awards by AEE Atlanta, USA in 2016, 2018, 2020 & 2021
- National Energy Conservation Award – 2016, 2015 & 2013
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Corporate Identity Number : U40300DL2012PTC236342

ACCREDITED BY BEE No.: 0011

EMPANELMENT NO. EmAEA-0024

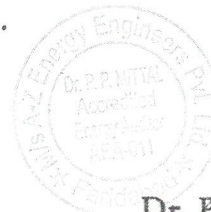
ESCO BY BEE : 980/20AUG2020

Certificate

This is to certify that Team of A-Z Energy Engineers Pvt. Ltd. Delhi, Headed by Dr. P.P. Mittal, Accredited Energy Auditor and his team had carried out Green, Energy and Environment Study of Sushant University, Sector 55, off Golfcourse road, Near AIT Chowk, Gurugram (Haryana)-122003, in the month of April 2024.

It is further intimated that the data collection had been carried out diligently and truthfully. All reasonable professional skill, care and diligence had been taken in preparing the reports and the contents thereof are a true representation of the facts.

26th April 2024



[Signature]
Dr. P. P. MITTAL
Director

