



SWARNNIM
STARTUP & INNOVATION
UNIVERSITY

INDIA'S FIRST UNIVERSITY FOR STARTUP

Swarnnim Startup & Innovation University

Energy Conservation Policy





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WHERE IDEAS COME ALIVE

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INTRODUCTION:

India is committed to National Energy Conservation. It is a matter of concern not only at national level but also at international level. The aim of this policy is to save energy and to fight climate changes due to global warming. Energy efficient India was the theme of National Energy on Ajadi Ka Amrit Mahotsav in 2021. On this occasion, 55 winners were facilitated by Govt. of India. Voltas wins the prestigious National Energy Award in 2021 for reducing energy consumptions. Energy conservation amendment was introduced in Lok Sabha in 2022. It promotes energy efficiency and conservation. It provides for the regulation of energy consumption by equipment, appliances, buildings and industries.

With the growing challenges of our population and indiscriminate use of energy strongly demands of energy conservation policy. Hence the promulgation of policy is very important and significant in the interest of nation. However, simple formation of any policy is not sufficient unless it is properly implemented. At the same time, it is not the sole responsibility of authorities only at national and state level that the job is over or the aim is fulfilled. It is duty of every citizen/institution to save maximum energy and make its best use as much as possible.

Swarnnim Startup and Innovation University is dedicated to cultivating a sustainable and ecoconscious campus ethos. Acknowledging the pivotal role of energy conservation in fostering a cleaner and greener environment, the college has formulated a Comprehensive Energy Conservation Policy. This policy aims to address various facets of energy consumption, management, and efficiency within the campus premises. By adhering to this policy, our objective is to curtail energy footprint and cultivate a culture of energy consciousness among students, faculty, and the wider community.

AIMS Of Policy :

The aim of energy conservation policy is to reduce the indiscriminate use of energy and to promote its use in an efficient and effective manner and thus to create a realistic document that identifies energy and water conservation simultaneously. At the initial level, it is strongly felt that the stake holders of our institution should be aware of this great challenge and its impact in future. Therefore, they should be sensitized and encouraged to achieve this end. There are many components of energy, the forms in

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which it is used like electricity, coal, natural gas, water and solar energy, etc. There can be not two opinions of rise in unit price in all forms of energy in future. We, as an institution, must ensure to reduce the consumption of energy at our campus and also at our residential places. The other initiatives that can be taken up in this direction is to manage to decrease the use of energy by performing efficiency, upgrading and investing in technology like solar energy plants. If our institution is capable enough to achieve this target, it can be safely declared to be the best practice of our institution. All that depends on the mind set and habits of consumers/stake holders of the institution. We have the energy on the earth in a stipulated amount in terms of unit. It cannot be increased. It can only be changed for different uses. Therefore, as a law-abiding citizen of India, it is our fundamental duty to make judicious use of energy. Such efforts would result not only in reducing the use of energy but also in saving energy for future welfare of mankind as a whole. It will bring cuts in the prices and make us free from pollution leading to brighter chances for healthy environment.

Policy Statements:

Swarnnim Startup and Innovation University recognizes the critical importance of energy conservation in fostering a sustainable and environmentally conscious campus community. Energy Conservation Policy aims to address various aspects of energy consumption, management, and efficiency within our premises. Through this policy, the institution dedicated to curbing energy footprint and instilling a culture of energy consciousness among our students, faculty, and broader community. It actively promotes energy- saving initiatives and encourages the active participation of all stakeholders in endeavors that contribute to efficient energy consumption.

The Swarnnim Startup and Innovation University is committed to promoting energy conservation and sustainability throughout its campus and operations. As such, we have developed the following energy conservation policy statements:

1. **Commitment to Efficiency:** We pledge to continually assess and improve the efficiency of our energy usage across all facilities and activities.
2. **Education and Awareness:** We will actively promote education and awareness initiatives to engage our students, faculty, and staff in understanding the importance of energy conservation and adopting sustainable practices.



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3. **Resource Optimization:** We will strive to optimize the use of resources such as electricity, water, and natural gas by implementing energy-efficient technologies and practices.
4. **Reduction of Carbon Footprint:** We are dedicated to reducing our carbon footprint by minimizing energy consumption, utilizing renewable energy sources wherever feasible, and implementing emission reduction strategies.
5. **Compliance and Standards:** We will adhere to all relevant energy conservation regulations and standards, and endeavor to exceed compliance requirements wherever possible.
6. **Continuous Improvement:** We are committed to continuously monitoring our energy usage, setting targets for improvement, and implementing measures to achieve them.
7. **Stakeholder Engagement:** We recognize the importance of engaging with stakeholders, including students, faculty, staff, and the local community, to foster a culture of energy conservation and sustainability. Through the implementation of these policy statements, the Swarnnim Startup and Innovation University aims to become a leader in energy conservation and sustainability, contributing to a cleaner and greener future for generations to come.

Objective of the Policy:

- To assess our energy usage and measure its impact on the environment.
- To conduct energy and environment audit regularly.
- To count CO2 emissions generated by our means of transportations- vehicles.
- To reduce local air pollution emissions by prohibiting the entry of vehicles in to campus and using pedestrian-friendly roads.
- To install photovoltaic solar panels for the generation of alternate energy.
- To install LED bulbs in the complete campus to save energy.
- To develop systematic waste management mechanism.



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- To develop rainwater harvesting unit.
- To undertake tree plantation drive.
- To take additional measures to continuously improve our energy consumption.
- To ensure the availability of necessary resources to achieve our objectives.
- To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise, particularly from our vehicle fleets.
- To monitor and respond to emerging environmental and energy issues.
- To strengthen the awareness of energy conservation among the students and teachers.
- To provide information and training opportunities on energy saving measures.
- To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.

Scope of the policy:

The scope of the energy conservation policy at Swarnnim Startup and Innovation University encompasses all aspects of energy usage and management within the institution. This includes but is not limited to:

- **Facilities:** Energy conservation efforts will be applied to all buildings, facilities, and infrastructure owned and operated by the college, including classrooms, laboratories, offices, dormitories, and recreational spaces.
- **Operations:** The policy extends to all operational activities that consume energy, such as heating, ventilation, air conditioning (HVAC) systems, lighting, water heating, and electrical appliances.
- **Transportation:** Efforts to conserve energy will also include transportation-related activities, such as optimizing fuel usage for college vehicles, promoting carpooling, and incentivizing the use of public transportation or alternative modes of transportation.



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- **Procurement:** The policy will influence procurement decisions to prioritize energy efficient products and equipment, as well as environmentally sustainable materials and technologies.
- **Education and Awareness:** The scope includes educational initiatives aimed at raising awareness about energy conservation among students, faculty, staff, and the wider community, fostering a culture of sustainability.
- **Monitoring and Reporting:** The policy encompasses systems for monitoring and reporting energy consumption, performance metrics, and progress towards energy conservation goals.
- **Compliance and Regulations:** The scope extends to ensuring compliance with relevant energy conservation regulations, standards, and best practices, as well as striving to exceed compliance requirements where feasible. By addressing these various aspects comprehensively, the energy conservation policy at Swarnnim Startup and Innovation University aims to create a holistic approach to energy management that reduces environmental impact, promotes resource efficiency, and cultivates a culture of sustainability throughout the institution.

Conclusion:

The energy conservation policy at Swarnnim Startup and Innovation University stands as a testament to our unwavering commitment to sustainability and responsible stewardship of resources. Through a comprehensive approach encompassing facilities, operations, transportation, procurement, education, and compliance, we pledge to reduce energy consumption, minimize our carbon footprint, and foster a culture of environmental awareness and responsibility within our institution and beyond. By embracing energy-efficient practices, leveraging renewable energy sources, and engaging stakeholders in collaborative efforts, we strive to create a greener, more sustainable future for generations to come, embodying our dedication to excellence in education and environmental leadership.


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