

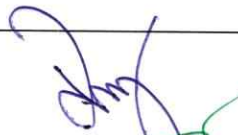
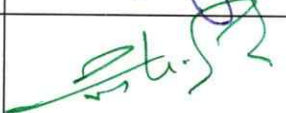



ENERGY POLICY



Energy Policy Document

Name of the Policy	Maintenance Policy	Policy Number	SVCET2023/20
Prepared by	Mr. Meganathan P AP/EEE Department, SVCET	Date of Submission	16.02.2023
Reviewed by	Dr. V. Nagaraj, IQAC- Coordinator, SVCET	Revised Date (if any)	Nil
Approved by	Dr.S. Pradeep Devaneyan Principal, SVCET	Date Approval	17.02.2023
To whom the policy is applicable	Staffs of SVCET	Version Number/Frequency no	2/5

Sl. No.	Name of Authority	Designation	Signature
1.	Mr. Meganathan P	AP/EEE Department, SVCET	
2.	Dr.S. Pradeep Devaneyan	Principal, SVCET	
3.	Dr. V. Nagaraj,	Dr. V.Nagaraj, IQAC- Coordinator, SVCET	





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Policy on Energy

These days, energy is essential to daily existence. India, a country of 1.4 billion people and one of the major economies rising at the quickest rate in the world, would be a major consumer of energy in the global markets. By 2040, India's energy consumption would double based on existing policy, with electricity demand perhaps doubling due to rising appliance ownership and cooling requirements.

According to the AICTE's Environment Policy 2020, which lays out long-term objectives for educational Institutions to conserve the environment, create sustainable solutions, and manage energy consumption, an Institution of higher learning must implement programs and policies that make it carbon-negative and encourage Staff and Students to learn about sustainability and environmental issues. It must also be adaptable to new challenges in the energy sector and the State's and Nation's sustainable development.

Therefore, using sustainable energy that has a positive impact on the ecosystem is crucial for the educational community. As a result, the Institution's energy policy will be useful in setting up planned activities to raise awareness of appropriate energy management and conservation among those resource-efficient, low-carbon campus models that serve as examples of sustainable campus practices.

The Institution follows the following procedures on energy management;

1. The Institution uses solar power plant to minimize the energy power consumption.
2. LED bulbs have been installed in the whole campus.
3. The Institution conducts energy audit in order to conserve energy on a regular basis.
4. The Institution establishes ties with industries in order to maintain the standards of energy consumption.
5. There will be an internal review regularly for energy audit.



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6. With the help of the audit the energy resources are used in an optimized way and more importance is given to renewable energy resources rather than non-renewable energy resources.
7. Fine-tuning of water cooler and air conditioner thermostat settings.
8. Maximizing demand while managing reactive power appropriately.
9. The campus's Grid Interactive Solar PV System was installed to make the most of renewable energy.
10. Encourage College and graduate Students to work on energy management and energy optimizing methods, Renewable Energy Harvesting, and thereby encouraging a awareness of the costs and uses of energy.
11. Maintaining a sustainable approach by making efficient use of current equipment until the end of its useful life and replacing it as needed with more efficient equipment.
12. Offer Professors and Students training on energy management and energy auditing.
13. Incorporate project-based learning techniques for energy management and conservation courses throughout the curriculum in collaboration with businesses.
14. Prior to going on to Replace & Recycle stage, reduce eWaste to the highest extent possible with regular maintenance.
15. Regular maintenance and conversion to LED of other lights/lighting fixtures.
16. Using as much daylight as possible for indoor lighting and natural ventilation.



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