



SMU SIKKIM
MANIPAL
UNIVERSITY
Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Sikkim Manipal University

ENVIRONMENT AND ENERGY USAGE POLICY



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Vision, Mission and Core Values

VISION

Global Leadership in Human Development, Excellence in Education and Healthcare.

MISSION

Develop professionals of excellent technical calibre in the field of Health Sciences, Engineering, Management and Social Sciences with a humane approach capable of shouldering the responsibility of building the nation and be globally competent.

CORE VALUES

- **Integrity and Honesty**

We conduct ourselves ethically and legally in all situations upholding stakeholder trust.

- **Committed to Teams, Accountable for Results and Passion to Win**

We are passionate about winning and hold ourselves accountable to organisational goals. We believe in teamwork and foster a performance driven culture across the organisation.

- **Achieving Social Impact**

We fulfil our responsibility to society, continuously contributing to build a better world.

- **Respect and Fairness**

We trust every individual and treat them with dignity, respect and fairness. We practice open and honest communication at all times.

- **Excellence through Quality, Innovation and Leadership**

We are committed to delivering superior programs and academic services through continuous innovation and leadership at all levels.

Statement of the Policy

The Environmental and Energy Policy is binding for Sikkim Manipal University, which includes both the medical & engineering campus and all of the academic, curricular and extra-curricular activities and operations.

Environment and Energy both are essential for survival and sustainable development of human beings. At the core of any sustainable energy strategy is a vision for improving the provision and use of energy efficiently so that it contributes to sustainable development

Preamble

The **Environment and Energy Usage Policy** at Sikkim Manipal University is to manage energy usage in a systematic way so as to minimize its impact on the environment. This Environment and Energy Policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. It will help us to embed efficiency and environment into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.



Efforts have been made to keep the campus green, use renewable energy, control the carbon emission and use energy efficient appliances.

Sikkim Manipal University always had sustainable initiatives at the core of all activities. Sikkim Manipal University has two campuses, Engineering college (SMIT) campus and Medical college (SMIMS) campus. SMIT campus is spread over 34.34 acres whereas SMIMS campus has 21.48 acres. Both the campuses have significant greenery covering all parts of campus, something that is appreciated by all visitors on campus.

Environmental and Energy Usage Policy for Sikkim Manipal University

Sikkim Manipal University pledges to fulfil its commitment to the environment through the following levels of actions by:

- Increasing use of renewable energy (Solar Energy)
- Developing more rain water harvesting units.
- Ensuring proper waste water management and recycling of waste water for re use
- Replacing all conventional/normal lights with LED lights in phased manner.
- Using more energy saving electrical appliances and energy saving tips in all our activities.
- Educating all employees on energy saving and water saving through lecture, dramas and painting competitions.
- undertaking tree plantation drive
- Counting and controlling CO₂ emission generated by our means of transportation, DG Sets and Incinerator and increase carbon neutrality.
- Ensuring Ban on Single use Plastic inside the campus.
- Conducting training opportunities on energy saving measures.
- Increasing use of Digital library/E- Learning center.
- Promoting & increasing use of e-mail, video conferencing and minimum use of paper.
- Ensuring proper E-Waste & solid waste management.
- Engaging in dialogue with local government agencies, municipal corporation and local organizations and actively work in the areas of environment protection, energy efficiency and sustainable development.
- Encouraging use of advance technology to minimize energy consumption.
- Ensuring availability of necessary resources to achieve our objectives.

Policy Guidelines and Measures taken for Conservation of Electricity

- Phased manner changing of normal/conventional lights to energy efficient LED lights. In SMIMS campus approximately 75% of conventional lights have been replaced with LED lights. In SMIT campus 600 Conventional Tube lights in Hostels changed to LED Lights. 15 street lights also changed to LED Lights. All new lights procured will be LED Lights only.
- Timely switching off and switching on of security lights and street lights.
- Hostel staff advised to ensure minimum essential use of lights. Put off light when not required.



- Security staff to switch off unnecessary light in office area and Library.
- Few of the Halogen lamps have been disconnected, however minimum illumination of light has been insured.
- Optimum use of HAVC and air conditioners. Switch on as and when required basis.
- Minimum use of Blowers and Heaters.
- Turn off unnecessary lights and use day light instead.
- Keep lights off in conference rooms, class rooms, lecture halls when they are not in use.
- Phased manner replacement of Electrical appliances like ACs, Fridge, Washing Machine etc with Energy efficient (Higher Star rating) appliances.
- 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.

Policy Guidelines and Measures taken for Conservation of Water

- Maximum use Surface water tapped from River/ Khola/ stream.
- Minimum use of ground water by reduced hours of pumping.
- Regular checking of leakage in water pipe line and Tap /cistern at common places
- Quarterly conduct of house survey for checking of Dripping / leakage from Taps and Cistern.
- Save water and save electricity stickers Placed at prominent places and bathrooms etc.
- Any New Building constructed should have the provisions of rain water harvesting.
- Adherence/implementation of the guidelines on “Jal Shakti Campus” a water conservation action and implementation plan issued by Department of Higher Education, Ministry of HRD, Govt of India.
- Conduct of awareness campaign on “Save Water, Save life” through lectures/ demonstrations/ Poster competitions.
- Tree plantation in the campuses.



Composition of the committee at SMIT is as under: -

- (a) Chair Person- Prof (Dr.) Sangeeta Jha, Associate Director (A) –In-charge
- (b) Faculty Representatives/Members
- (i) Mrs Tshering Yanki Ladakhi, Asst Prof Member Dept of ME
 - (ii) Mr. Sanjay Ghatak, Asst Prof (SG) , Member ,Dept of CSE
 - (iii) Dr. Santanu Gupta, Asst Prof (SG) ,Member,Deptt of Chemistry
 - (iv) Miss Naiwrita Borah, Asst Prof , Member, Deptt of IT
 - (v) Col Manoj Kumar (Retd), Head Engg , Member Deptt of S&M
 - (vi) Mr. Sisir Pradhan, Dy Manager (T), Member ,Deptt of S&M
- (c) Students Representative/Members
- (i) Amrit Sukla , Regd No. 201900041,Deptt of CSE
 - (ii) Shruti Raj, Regd No 201900392,Deptt of CSE
 - (iii) Devanshi Pandey, Regd No. 201900406, Deptt of CSE
 - (iv) Mokshada Tiwary, Regd No. 201900148, Deptt of IT
 - (v) Shreya Shree, Regd No. 201900278, Deptt of IT
 - (vi) Yalamanchili Adi Venkata Sandeep, Regd No. 201900366,Deptt of ME
 - (vii) Iadhi Surya Kiran, Regd No. 201900429, Deptt of ME.

Composition of the committee at SMIMS is as under: -

- (a) Chair Person: Dr. Jyotsna Kapil, Prof ,Deptt of Microbiology
- (b) Faculty Representatives/Members
- (i) Dr. Ena Pradhan, Tutor, Deptt of Pharmacology
 - (ii) Dr. T Paras Singh,Lecturer, Deptt of Biochemistry
 - (iii) Dr. Deepanjali Rai PT, Asst. Prof, SMCPT
 - (iv) Mrs Nazung Lepcha, Asst Lecturer,SMCON
 - (v) Mr. Sanjay Gupta, Sr. Manager, Infra &Facilities
 - (vi) Mr. I.D Gurung, Sr. Section Officer
- (c) Student Representatives/Members:
- (i) Shivam Bansal, MBBS2017 batch
 - (ii) Harsh Jyoti Datta, MBBS 2018 batch
 - (iii) Arundhati Dutta, MBBS 2019 batch
 - (iv) Simran Sherpa BPT 2020 batch
 - (v) Serina Gurung BPT 2020batch



Policy Communication and Review

This policy will be communicated to the administrators, students, teaching and non-teaching staff via e-mailing. It will be made available to the public through the university website (<https://smu.edu.in/smu.html>)

Conclusion

All out efforts will be made by the management, all the employees and stakeholders that laid down policies are implemented in right spirit. All faculties, students and residents of the campuses to conserve electricity and water in all their activities. Continuous drive will be maintained for tree plantation, use of renewable energy, rain water harvesting, proper solid waste management, reduction of CO2 emission and recycling of used water.



Prof.(Dr.) Karma Sonam Sherpa
Registrar, Sikkim Manipal University

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