

7.1.3

POLICY DOCUMENT ON ENVIRONMENT AND ENERGY USAGE

**1 Environmental Consciousness & Sustainable
Development Policy**

[CLICK HERE](#)

**2 Energy Usage Policy Based On Energy Audit
Report**

[CLICK HERE](#)

ENVIRONMENTAL CONSCIOUSNESS & SUSTAINABLE DEVELOPMENT POLICY

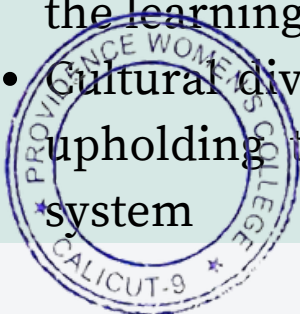


PROVIDENCE WOMEN'S COLLEGE
KOZHIKODE 673009, KERALA

The college has manifested clear articulation and integration of social, ethical and environmental responsibility in its vision, mission and governance. True to its mission, and efforts to instill global competence, awareness of the 2030 Sustainable Development Goals, and the achievement of them to promote and create a better world for humanity and fellow living beings, will attain priority. The Management has consciously chosen a path of sustainable development, that would epitomize achieving carbon neutrality, and focus on the following;

Objectives

- Inclusion of social, economic and environmental sustainability into the curriculum, while upholding its commitment to critical thinking and sustainability
- Dedicated research on sustainability aspects in all research;
- Outreach and service to the community, including schools and nongovernmental organizations in the neighborhood;
- Campus planning, design structured to achieve and surpass zero net carbon/water/waste, to become a regenerative organization;
- Physical operations and maintenance focused on supporting and enabling “beyond zero” environmental goals;
- Policies and practices which foster equity, diversity and quality of life for students, staff, and the broader community which the college has been catering to;
- The campus will also serve as a ‘living laboratory’ promoting student involvement in environmental learning to transform the learning ecosystem
- Cultural diversity and its inclusivity will be celebrated , while upholding traditional knowledge, as a source of sustainable system



Energy Management

- Will strive to meet its energy needs through renewable energy sources.
- Will consciously reduce electricity consumption, for which regular awareness should be given to the staff and students regarding the energy wastage.
- Dependence on solar energy will be enhanced and the roof top areas could be fitted with solar energy panels.
- Residential hostels will utilize solar heating technology for various purposes.
- As an academic input interdisciplinary curriculum in environmental studies will be introduced

Waste Management

- Implement Green Protocol and start segregation of wastes
- A fully functional waste management system on the principles of reduce, reuse and recycle, needs to be in place.
- Action plans should address waste management
- Rewards to reduction of waste, should be initiated

Water Management

- The water management policy reflects the dilemma of water shortage during summer, by Rainwater harvesting as buildings are provided with harvesting facilities
- Rain water could be utilized for ground water recharging after proper filtration
- Decentralized storage ponds are built for conservation every drop that showers on campus
- Drainage map may be prepared for watershed management



Green and Environment friendly Initiatives

- Restricted entry of student vehicles
- Constitution of Transport Committee for promotion of public transport usage and car pooling
- Use of Electric vehicles
- Establishment of Documented Biodiversity Register.
- Mapping the biodiversity within campus to ascertain the decline or increase in the species within the campus.
- Green cover area of the campus shall be maintained and increased each year by 10%.
- Endemic and native species of flora should be conserved.
- Avenue trees should be planted to provide shade and keep the climate change under control.
- Peoples' services should be honored by planting a tree on campus, by them
- Awareness campaigns on all environment related issues, especially climate change, and sustainable use of resources
- Regular green/environment/energy audits should be conducted to ensure a check on disastrous levels
- Adopt clean campus practices like proper waste disposal, e-waste management etc,
- Interactions and talks by environmentalists, should be made a routine

Observation of various days of importance

- Days of importance to the environment and natural resources should be observed; viz., Ozone day, Environment day, Earth day etc



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Evaluation of energy management system

Energy management policy

There is no written energy policy available, but environment policy is available which includes energy conservation also. A draft energy management policy is given below. The management may constitute an energy management policy and display the same in the plant to motivate the staff.

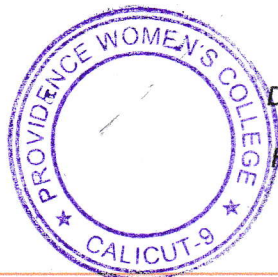
PROVIDENCE WOMEN'S COLLEGE

ENERGY POLICY

(Draft)

We are committed to optimally utilize various forms of energy in a cost effective manner to effect conservation of energy resources. We are committed to conserve the energy which is a scarce resource with the requisite consistency in the efficiency, effectiveness in the cost involved in the operations and ensuring that production quality and quantity, environment, safety, health of people are maintained. We are also committed to increase the renewable energy share of the total energy we use.

We are also committed to monitor continuously the saving achieved and reduce its specific energy consumption by minimum of 2% every year.



Date 20/09/2021

Head of the Institution



Principal
Providence Women's College
Kozhikode - 673 009