



Chhatrapati Shahu Ji Maharaj University Kanpur

Sustainability Policy

REGISTRAR
Chhatrapati Shahu Ji Maharaj University,
Kanpur

CSJMU Sustainability Policy

1. Introduction and Background

One of the biggest obstacles to life on Earth—more especially, human survival—in the long run is sustainable development. Greenhouse gas emissions originate from all around the world, and their effects are always felt globally. Each organization is free to choose its own long-term plan to combat the shared global issue in a way that works well together. Put another way, while global efforts are still necessary, local actions and their effects are now widely acknowledged. A university's sustainability policy should be innovative through research, encompassing social and technological advancements as well as supporting the implementation of projects that adhere to national and subnational regulations.

Chhatrapati Shahu Ji Maharaj University, Kanpur is recognized for pursuing its strategic objectives, in relation to research and teaching. The University demonstrates higher sensitivity and responsibility in implementing green concepts in the campus. Spreading awareness on the sustainable practice among students and educating stakeholders regarding establishment and maintenance of green campus is the priority. The University fairly manages waste, water resources solar and electric energy, conserve natural resources, and provide eco-friendly and solar passive buildings etc. The University is striving to develop on a self-sustainable basis in the areas of power, water and cleanliness. Therefore, this policy represents an important component of sustainability strategy of the University. This document makes out the University aims and objectives for safeguarding the details of the organization and arrangements for implementing and monitoring them in accordance with National Environment Policy 2006.

2. Scope of the policy

All the stakeholders of Chhatrapati Shahu Ji Maharaj University, Kanpur including officers, teaching and non-teaching staff, students and those who use the campus shall adhere to the green policy.

3. Objectives of the policy

Strong aim of the University is to support and contribute to the fight against climate change as a responsible leading university. The University has developed a Sustainability Policy with the following objectives in order to put this purpose into practice.

- i. Reducing resource consumption**
- ii. Improving energy and water efficiencies**
- iii. Green Buildings and Increasing renewable share of electricity**


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- iv. **Cleaner mobility**
- v. **Carbon sequestration**
- vi. **Preservation of water bodies**
- vii. **Efficient waste disposal/reduction**
- viii. **Knowledge generation and dissemination**
- ix. **Social outreach, specifically for the local underprivileged people**
- x. **Equity and inclusive growth**
- xi. **Clean & Green Campus**
- xii. **Tobacco Free and Smoking Free Campus**
- xiii. **Paperless Office & Communication**

4. Specific Measures for the Sustainability Policy

- **Optimal Electricity Consumption**

- Most lighting on campus to be upgraded to high efficiency lighting (such as led technology, etc.) With electronic ballasts.
- Increase use of day lighting should be considered because use of daylight spaces decreases energy costs and may improve productivity.
- Lighting, wherever practical, should be controlled by campus-wide energy management system occupancy times, unoccupied period set-backs, and environmental parameters, as well as campus-related (and athletic) activities will be coordinated to ensure the best possible use of resources.
- Installation of more solar power generation plants.
- Use of 'change brightness automatically when lighting changes feature for computer screens.
- Training of Practice of turning computer off or into stand-by mode when idle.

- **Water management**

- There should be rain water conservation to enhance ground water.
- Water leaks, dripping faucets and fixtures that do not shut off should be repaired.
- Installation of water saving devices in toilets and tabs.
- Installation of water efficient fixtures to reduce the consumption of potable water.
- Adoption of water efficient landscaping to reduce water consumption.


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- Reduction of the demand for irrigation water through water efficient irrigation technology.
- Treatment of waste water to tertiary standards so as not to pollute water streams.
- Use of treated waste water for in-situ applications, to reduce dependence on potable water. Introduce double-sided printing to reduce paper waste.

- **Energy efficient equipment's & Management**
 - Energy efficient products shall be purchased whenever possible.
 - Recyclable and reusable products should also be purchased when feasible to reduce disposal costs.
 - Continuous review of energy conservation programs.
 - Tracking of electricity supply meter readings to locate problem areas as well as to determine if conservation goals are being met.
 - Training must be provided to ensure that both operation and service technicians have the skills and knowledge to effectively achieve energy savings education.
 - An education program providing information on utility costs, trends, and user impact on these costs will be arranged.

- **Waste management**
 - The Sustainability policy focuses on systemic way of waste management. It should be based on 3Rs- Reduce, reuse and recycle.
 - All type of waste generated to the university campus should be managed through the university itself or by collaboration with waste management agencies. There should be memorandum of understanding between the university and waste management agency,
 - All stakeholders of the college shall be sensitized about green campus initiatives through wallpapers, notices, circulars, street play, mimes, etc.
 - Various programmes on green campus and benefits of tree plantation should be conducted to increase awareness among students for tree plantation.
 - Mapping of Green area & Biodiversity zone earmarking


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- **Clean air**
 - Campus should be tobacco free. Smoking and use of tobacco products should be prohibited.
 - Students and staff should be motivated for use of electrically operated vehicle.
 - More use of electrically operated vehicle or CNG bus or e rickshaw for travel inside the campus.
 - There should be restricted entry of automobiles in the university campus.
 - Observation of no Vehicle Day in the university campus at least once in a month

- **Minimize use of paper**
 - Increase awareness about taking notes electronically.
 - Maximize use of paperless technology i.e. sharing of data lecture notes on e-mail social media, learning management system, etc.

- **Plastic Free Campus**
 - Ban on single use plastic as per the govt. Norms.
 - To facilitate environment friendly substitutes like stainless steel, washable & reusable tumbler, steel or paper plates, glasses etc. to systemically ban the use of plastics on the campus.

- **Green Environmental & Energy Audit**
 - Regular conduction of green/ energy environment/ audit to assess our strengths & weakness to work further our goals of long-term sustainability.

5. Review and Implementation of Sustainability Policy

A committee will be constituted by the Vice Chancellor of the university to implement & review the policy time to time. Sustainability policy will be displayed on the college website and communicated to all stakeholders.


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