

Established 1987 | State University of Uttar Pradesh

# SUSTAINABILITY & CLIMATE ACTION POLICY

2026–2030 Framework



**Veer Bahadur Singh Purvanchal University**

Jaunpur – 222003 | Uttar Pradesh, India



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## 1. Preamble

Veer Bahadur Singh Purvanchal University, Jaunpur acknowledges the urgent challenges posed by climate change and commits to undertaking proactive measures to promote environmental sustainability and climate action. The University aims to reduce its carbon footprint through well-defined policies, sustainable practices, and institutional initiatives. This Sustainability and Climate Action Policy provides a comprehensive framework to guide the University in mitigating climate change impacts, conserving natural resources, and fostering a culture of environmental responsibility among students, staff, and stakeholders. The University adopts a holistic approach by integrating sustainability into campus infrastructure, academic curriculum, research, and community engagement.

## 2. Objectives & Sustainable Practices:

The University strives to achieve a green and sustainable campus through a multi-dimensional approach that includes

- ✓ carbon offsetting,
- ✓ carbon neutrality,
- ✓ zero waste generation,
- ✓ zero carbon emissions, and
- ✓ enhanced climate resilience.

The University is committed to reducing greenhouse gas emissions from its operations and supporting initiatives that offset residual emissions through scientifically validated mechanisms. In this direction,

**Commitment to  
net Zero emission**

Veer Bahadur Singh Purvanchal University, Jaunpur formally commits to achieving **Net Zero Greenhouse**

**Gas Emissions by the year 2040.** This commitment is closely aligned with India's national climate commitments, state-level sustainability priorities, and global climate frameworks. At the national level, India has formally pledged to achieve net zero emissions by **2070**, as announced at COP26 and reflected in its Long-Term Low Emissions Development Strategy submitted under the UNFCCC. India's climate strategy emphasizes low-carbon energy systems, renewable energy expansion, sustainable urban development, energy efficiency, and increased forest cover, all of which are mirrored in the University's institutional initiatives such as solar energy adoption, resource conservation, sustainable infrastructure, and afforestation efforts. By committing to net zero by 2040 - three decades ahead of the national

target, the University demonstrates leadership and contributes proactively toward achieving India's intermediate climate goals, including reduction in carbon intensity and increased reliance on non-fossil fuel energy sources by 2030. At the state level, Uttar Pradesh has increasingly emphasized renewable energy deployment, energy efficiency, water conservation, and climate resilience within its development policies and urban planning frameworks. The University's initiatives, including rooftop solar installation, rainwater harvesting, waste management systems, and promotion of sustainable transportation, directly support these state priorities and contribute to regional environmental sustainability and climate adaptation efforts. Globally, the University's Net Zero 2040 target aligns with the objectives of the **Paris Agreement**, which calls for limiting global temperature rise to well below 2°C and pursuing efforts to limit it to 1.5°C above pre-industrial levels. The accelerated timeline adopted by the University is consistent with emerging global benchmarks in the higher education sector, where leading universities and institutions are committing to net zero targets between 2030 and 2050. By adopting an ambitious and time-bound pathway, the University aligns itself with international best practices in sustainability, enhances its contribution to global climate action, and strengthens its position in international sustainability rankings and frameworks.

Through this alignment, Veer Bahadur Singh Purvanchal University not only supports national and global climate objectives but also establishes itself as a proactive institutional leader in advancing environmental sustainability and climate responsibility.

This commitment shall be pursued through a structured and measurable roadmap that emphasizes reduction of emissions across all operational domains, expansion of renewable energy infrastructure, adoption of energy-efficient technologies, and promotion of sustainable resource management practices. The University shall adopt a phased approach to emissions reduction, focusing primarily on minimizing direct emissions and subsequently addressing indirect emissions through offsetting strategies such as afforestation and carbon sequestration initiatives. This long-term vision reinforces the University's commitment to transitioning towards a carbon-neutral campus and contributing meaningfully to global climate mitigation efforts.

The University has already taken significant steps toward renewable energy adoption, including the installation of a 1260 KW<sup>A</sup> rooftop solar power plant since 2022, thereby reducing dependence on conventional energy sources and contributing surplus clean energy to the grid. Energy efficiency is promoted through measures

**Renewable Energy &  
Energy Efficiency**



such as LED lighting, power factor optimization, and periodic energy audits, along with awareness initiatives encouraging responsible energy use among students and staff.

The University is equally committed to resource conservation through rainwater harvesting systems, water recycling mechanisms, and efficient management of natural resources.

**Resource conservation**

Climate resilience is strengthened by developing infrastructure and systems capable of withstanding climate-related challenges such as extreme weather events.

**Climate resilience**

Sustainable transportation is encouraged within the campus through the use of bicycles, promotion of eco-friendly mobility practices, and reduction of vehicular emissions.

**Sustainable transportation**

Waste management remains a key priority, with structured systems for handling solid waste, e-waste, and hazardous waste, along with a commitment to zero-effluent discharge and waste segregation through color-coded systems.

**Waste management, reduction and recycling**

The University also promotes sustainable procurement practices by prioritizing environmentally responsible products and suppliers.

**Sustainable procurement**

### 3. Integration of sustainability into academics:

The Department of Environmental Science, established in 2002 are actively promotes Sustainability and environmental concepts integrated into the curriculum, particularly through dedicated courses U.G P.G. and Ph.D. [(B.Sc. (Hons) Environmental Science, M.Sc. Environmental Science and research courses for students in the areas like resource sustainability conservation, green technology, renewable energy and environmental leadership, Environmental Law, GIS and Disaster management.

**Environmental education**

Vee Bahadur Singh Purvanchal University Jaunpur conducts mass tree plantation drives and encourages awareness campaigns on environmental issues, including the harmful effects of single-use plastics and promoting Eco bricks formation in the residential campus and day care students for importance of adopting sustainable practices for plastic

**Awareness campaign**

free campus. To educate and raise awareness among students, staff, and stakeholders about climate change, sustainability, and their role in contributing to positive change.

Training programs and workshops on topics like waste management, rainwater harvesting, energy conservation, biodiversity conservation, water quality management are regularly organized by the Department to raise awareness among students, staff, and the local community.

Eco-Club: An active Eco-Club engages students in environment-related activities and promotes eco-friendly practices on and off-campus through “EK PED MAA KE NAM”, “ECO BRICS FORMATION”, using single use Plastics, adopt healthy Life Style, Reduce the generation of Waste and E-waste, save Energy and save water, say no to Single Use Plastics, Plantation and Conservation.

#### 4. Policy Guidelines for Green Certification:

The University is committed to maintaining and enhancing its green campus through adherence to environmental standards and certifications such as ISO 14000. A comprehensive Climate Action Plan shall be developed to outline measurable targets and strategies for achieving sustainability objectives. Renewable energy adoption shall be expanded through continued investment in clean energy infrastructure. Energy efficiency measures shall be strengthened to reduce overall consumption in buildings and facilities.

Water conservation strategies shall include rainwater harvesting, recycling systems, and efficient usage practices. Climate-resilient infrastructure shall be incorporated into all new construction and renovation projects to ensure long-term sustainability. Sustainable transportation shall be promoted through infrastructure support for cycling, walking, and electric vehicles.

The University shall continue to preserve and enhance its extensive green spaces, including biodiversity zones, gardens, and Miyawaki forests, which contribute to improved air quality and ecological balance. Engagement with suppliers shall emphasize sustainability by encouraging environmentally responsible practices and ethical sourcing.

## 5. Implementation and Reporting

The implementation of this policy shall be overseen by the University administration, supported by a designated Sustainability Committee or Officer responsible for coordinating and monitoring sustainability initiatives. Regular progress reports shall be prepared to evaluate the University's performance in achieving its sustainability and climate action targets and to ensure transparency and accountability.

Sustainability concepts shall be integrated into academic programs and research activities to foster long-term awareness and institutional commitment. Periodic green audits shall be conducted to assess environmental performance, identify gaps, and ensure compliance with relevant regulations and standards.

## 6. Collaboration and Engagement:

The University will actively collaborate with government agencies, NGOs, industry partners, and other educational institutions to share knowledge, resources, and best practices related to sustainability and climate action.

## 7. Conclusion:

Through this Sustainability and Climate Action Policy, Veer Bahadur Singh Purvanchal University, Jaunpur reaffirms its commitment to environmental stewardship and sustainable development. By embedding sustainability into its institutional framework and committing to achieving Net Zero emissions by 2040, the University aims to lead by example and contribute significantly to the global fight against climate change. The University envisions a future in which its campus serves as a model of sustainability, resilience, and ecological responsibility, fostering a community that is conscious, responsible, and proactive in protecting the environment for future generations.



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