JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)

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IGNITED MINDS
INSPIRED SOULS

CLIMATE ACTION AND SUSTAINABILITY POLICY

This policy applies to all faculty members, staff, researchers, and students at Jaypee University of Information Technology (JUIT). It recognizes the significance of Higher Education Institutions (HEIs) as catalysts for sustainable change. HEIs play a critical role in advancing the United Nations Sustainable Development Goals by fostering climate-conscious mindsets, educating future leaders, and reducing institutional carbon footprints. Located at an altitude of approximately 1550 meters above sea level in the Himalayan foothills of Himachal Pradesh, JUIT occupies an ecologically sensitive zone that is particularly vulnerable to climate change impacts such as erratic weather patterns, landslides, and biodiversity loss, necessitating targeted, place-based sustainability interventions.

1. **Objectives**
   a. **Reduce Greenhouse Gas Emissions**
   Aim for carbon neutrality across academic, administrative, and residential operations through low-carbon transportation, energy efficiency, and emission monitoring.
   b. **Energy and Resource Efficiency**
   Incorporate passive solar heating, invest in solar and hydro-based renewables suitable for JUIT's mountainous location, and promote energy-efficient infrastructure.
   c. **Water and Waste Management**
   Implement region-specific solutions such as rainwater harvesting, greywater recycling, decentralized waste treatment, and strict solid waste segregation.
   d. **Awareness, Education and Community Engagement**
   Promote climate literacy, local environmental stewardship, and active participation in sustainability projects involving the surrounding rural and tribal communities.
   e. **Collaborations and Partnerships**
   Engage with government bodies, NGOs, scientists, and local stakeholders to co-create sustainable solutions and research opportunities addressing mountain-specific challenges.
   f. **Climate Adaptation and Resilience**
   Design climate-resilient infrastructure to mitigate landslides, extreme precipitation, and changing snowfall patterns. Establish early warning and disaster response protocols.
   g. **Environmental Education and Research**
   Integrate sustainability into the curriculum across disciplines. Promote climate change research, especially concerning Himalayan ecology, glacier retreat, biodiversity, and pollution.
   h. **Sustainable Transportation**
   Encourage electric vehicles, shuttle services, cycling, and walking. Restrict private vehicular access within campus boundaries where feasible.
   i. **Monitoring and Evaluation**
   Create Key Performance Indicators (KPIs) and conduct regular environmental audits to track progress in carbon reduction, energy use, water efficiency, and waste management.

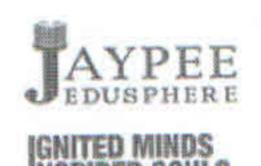2. **Implementation Framework**
   a. **Set SMART Goals**

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Establish Specific, Measurable, Achievable, Relevant, and Time-bound goals in alignment with institutional mandates and regional environmental priorities.

b. Sustainable Campus Design

Ensure that all new buildings conform to green building standards and retrofit old buildings with energy-efficient systems, thermal insulation, and natural ventilation.

c. Water Conservation Strategies

Deploy efficient plumbing systems, greywater reuse, rainwater collection tanks, and use indigenous plants for landscaping with low water demand and high APTI (Air Pollution Tolerance Index).

d. Renewable Energy Integration

Expand solar installations, assess potential for micro-hydro systems, and use battery storage to reduce dependence on fossil fuels.

e. Waste Management Initiatives

Implement composting, e-waste and biomedical waste protocols, and strive for a zero-waste campus.

f. Digital Transformation for Sustainability

Minimize paper usage and promote online administrative systems, e-learning, and virtual meetings to reduce carbon footprint.

g. Capacity Building

Conduct regular workshops, field visits, and training sessions for faculty, students, and staff on sustainable practices.

h. Research and Innovation

Support interdisciplinary research projects aligned with SDGs, especially those focused on climate impacts in high-altitude environments.

3. Governance and Accountability

a. Sustainability Committee

A dedicated Sustainability Committee will oversee policy implementation and be constituted as follows:

Chairperson:

Prof. Sunil Kumar Khah

Members:

i.   HOD, Department of Civil Engineering
ii. HOD, Department of BT/BI
iii. Dr. Rishi Rana, Department of Civil Engineering
iv. Dr. Tanmay Gupta, Department of Civil Engineering
v.   Dr. Ashok Kumar Nadda, Department of BT/BI
vi. Harsh Kumar, Student (Department of Civil Engineering)
vii. Priya Gautam, Student (Department of BT/BI)

External Member:

Prof. Pankaj Sharma, NITTTR, Chandigarh

b. Resource Allocation

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Adequate funding, technological support, and human resources will be provided for executing sustainability initiatives.

c.   Internal Audits and Reports

Conduct annual sustainability audits and publish findings in an open-access JUIT Sustainability Report.

4.   Communication and Reporting

a.   Transparent Reporting

Communicate JUIT's sustainability goals and progress regularly to all stakeholders through emails, notice boards, reports, and events.

b.   Community Integration

Establish partnerships with panchayats, state forest and water departments, and NGOs to extend climate action to the surrounding ecosystem.

c.   Student-Led Initiatives

Support eco-clubs, green hackathons, sustainability-themed events, and idea incubators for climate-smart entrepreneurship.

5.   Policy Review and Approval

a.   This policy shall be reviewed biennially by the Sustainability Committee to evaluate progress and incorporate updated environmental best practices.

b.   The Vice Chancellor shall serve as the final approving authority for any amendments or implementation guidelines related to this policy.

By implementing this **Climate Action and Sustainability Policy, JUIT** is committed to actively mitigating climate change, protecting the environment, and fostering a sustainable future. The university acknowledges that **collective action** is crucial and will actively engage with stakeholders to achieve its sustainability objectives. Through **continuous innovation and improvement**, JUIT will work to minimize its environmental footprint while promoting a culture of sustainability within the university and the broader community.

Signature:		
Name:	Prof. Sunil Kumar Khah	Prof. Rajendra Kumar Sharma
Designation:	Dean (Accreditation)	(Vice Chancellor)