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Climate Action Policy of O.P. Jindal Global University (JGU)

I. Policy Statement/Description

O.P. Jindal Global University (JGU) is committed to proactive climate action by reducing its carbon footprint, promoting sustainable resource management, and integrating climate-conscious practices into its academic and operational frameworks. This policy outlines the university's commitment to achieving net-zero emissions, fostering environmental responsibility, and complying with global sustainability standards.

II. Reasons for the Policy/Purpose

This policy is established to:

1. **Reduce the university's carbon footprint** through renewable energy, sustainable transportation, and resource-efficient infrastructure.
2. **Ensure compliance with international standards** such as the **Greenhouse Gas (GHG) Protocol, ISO 14064, and UN Sustainable Development Goals (SDGs)**.
3. **Encourage research and innovation** in climate resilience, green technologies, and environmental law.
4. **Promote community and student involvement** in sustainability programs, aligning with JGU's commitment to education for sustainable development.

III. Intended Personnel

This policy applies to:

1. **JGU Administration** – Responsible for policy implementation and monitoring.
2. **Sustainability Office** – Ensures compliance with climate goals and integrates sustainability into operations.
3. **Faculty and Researchers** – Encouraged to incorporate climate action into teaching and research.
4. **Students and Student Organizations** – Expected to participate in green initiatives and climate-conscious programs.
5. **Facilities and Infrastructure Teams** – Responsible for implementing green building standards and energy-efficient infrastructure

IV. Definitions

Term	Definition
Carbon Footprint	The total greenhouse gas emissions caused directly or indirectly by JGU's operations.
Net Zero Emissions	A state where JGU's carbon emissions are balanced by removal or reduction efforts.
Renewable Energy	Energy sourced from solar, wind, or other sustainable resources.
Sustainable Procurement	The practice of acquiring goods/services that have minimal environmental impact.
Scope 1, 2, 3 Emissions	Categories of direct, indirect, and supply chain-related emissions.

V. Procedures

1. Carbon Footprint Reduction Strategies

- **Energy Efficiency Measures:**
 - Adoption of **LED lighting, smart metering, and energy-saving appliances.**
 - Mandatory compliance with **ISO 50001 Energy Management System.**
- **Solar Energy Expansion:**
 - **1.2 MW of solar photovoltaic (PV) energy installed** across campus.
 - Solar panels at **Gate No. 1, Gate No. 2, and the International Sports Academy.**
- **Sustainable Mobility:**
 - Installation of **15 EV charging stations** and restriction of personal vehicle entry.
 - Deployment of **eco-friendly battery-operated golf carts** and bicycle-friendly pathways.

2. Water Conservation Initiatives

- **Rainwater Harvesting:**
 - Operation of **59 recharge pits** to capture and replenish groundwater.
 - Expansion plan to add **5 new recharge pits** in the coming year.
- **Treated Wastewater Use:**
 - All campus irrigation is done using treated wastewater.

3. Waste Management and Circular Economy

- **Three-Bin Segregation System:**
 - Separate bins for **biodegradable, non-biodegradable, and recyclable waste.**
- **E-Waste Collection Points:**
 - **Two designated e-waste bins installed** for responsible disposal.
- **Plastic-Free Campus:**
 - Ban on single-use plastics and promotion of refillable water stations.

4. Sustainable Academic and Research Contributions

- **Integration of Climate Science and Sustainability in Curriculum:**
 - Courses on **Environmental Law, Climate Finance, and Sustainable Development.**
- **Interdisciplinary Research on Sustainability:**
 - Focus on **carbon capture, circular economy, and ESG reporting.**

5. Monitoring and Reporting

- **Annual Carbon Footprint Report** aligned with **Greenhouse Gas (GHG) Protocol**.
- **Public Disclosure of Scope 1, 2, and 3 Emissions**.

VI. Roles and Responsibilities

Role	Responsibilities
Sustainability Office	Oversees implementation and compliance with climate policy.
Facilities & Infrastructure	Ensures green building standards and waste management.
Academic Departments	Integrate sustainability education and research.
Student Organizations	Organize awareness campaigns and sustainability projects.
Procurement Office	Implements sustainable purchasing guidelines.

VII. Additional Resources

1. **JGU's Sustainability Development Report (SDR) 2025**
2. **UN Sustainable Development Goals (SDGs)**
3. **ISO 14001 (Environmental Management) and ISO 14064 (Carbon Footprint Accounting)**

