



AMITY UNIVERSITY

RAJASTHAN

Kant Kalwar, NH-11-C,
Jaipur (Rajasthan) 303002
Tel: 01426 - 405678
Fax: 01426 - 405679

Climate Action Policy

Date: 02/12/2024

1. Preamble

Climate change represents one of the most significant and complex challenges of our time, with impacts that threaten environmental balance, human health, and economic stability. Recognizing this global emergency, Amity University Rajasthan (AUR) commits to proactive climate action, aligning with India's National Action Plan on Climate Change (NAPCC) and the United Nations Sustainable Development Goals (SDG 13).

This policy establishes AUR's strategic framework to reduce greenhouse gas emissions, build climate resilience, promote sustainable resource management, and foster environmental literacy among all stakeholders.

2. Objectives

The objectives of this Climate Action Policy are to:

- Promote carbon-conscious planning, operations, and education across all university functions.
- Reduce Greenhouse Gas (GHG) emissions and enhance energy, water, and waste efficiency.
- Integrate climate change education and research into curricula and community outreach.
- Foster collaborations with government, industry, and academic institutions to advance sustainability innovation.
- Support climate adaptation and resilience within the campus and surrounding communities.

3. Scope

This policy applies to:

- All campus operations, academic and research units, and residential facilities.
- Faculty, staff, students, and service providers associated with AUR.
- Extension and outreach activities conducted under AUR's social and environmental responsibility programs.





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4. Strategic Focus Areas

4.1 Green Campus & Biodiversity Conservation

- AUR, situated amidst the Aravalli hills, maintains a green and biodiverse campus featuring a Neem forest, botanical trails, and natural habitats for avifauna.
- Tree plantation drives are organized bi-annually within and around the campus and nearby rural communities under the “One Student One Tree” initiative.
- Native and drought-resistant species are prioritized to maintain ecological balance.
- A dedicated Green Campus Committee monitors biodiversity, green cover, and carbon sequestration progress.

4.2 Water Conservation and Management

- Water resources are managed through a closed-loop system ensuring minimal wastage.
- Treated wastewater from the Sewage Treatment Plant (STP) and rainwater harvesting systems is channelized into an artificial lake for reuse in horticulture, flushing, and cooling systems.
- Recharge pits and rainwater percolation systems enhance groundwater replenishment.
- Smart water-level indicators and automatic pump control systems are deployed to prevent overflow or wastage.
- Annual Water Audit and Water Quality Testing are conducted by the Office of Sustainability.

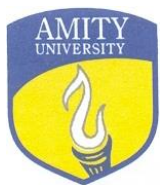
4.3 Energy Efficiency and Renewable Energy

- AUR aims to achieve carbon neutrality by 2035 through renewable energy transition and green infrastructure.
- Solar photovoltaic panels (both rooftop and ground-mounted trackers) provide a significant share of the campus’ energy demand.
- All academic and residential buildings are being converted to LED-based systems and smart metering.
- Energy audits are carried out annually to monitor performance and identify optimization opportunities.
- Awareness programs promote energy-conscious behaviors among students and staff.

4.4 Solid Waste Management and Circular Economy

- AUR follows a Zero Waste to Landfill approach with segregation at source.
- Dry recyclable waste is collected through authorized vendors and municipal partners.





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- Organic waste composting systems convert leaf litter and food waste into bio-fertilizer for campus landscaping.
- Sanitary napkin incinerators and needle incinerators ensure hygienic and safe disposal of biomedical waste.
- Electronic waste (E-waste) is disposed of responsibly through certified recycling agencies.
- Plastic-free campus policy is strictly enforced for all vendors and event organizers.

4.5 Climate Research, Education & Innovation

- The Amity Interdisciplinary Centre for Climate Research & Policy (AICCRP) and the Amity Centre for Ocean - Atmospheric Science & Technology (ACOAST) spearhead interdisciplinary climate studies.
- Climate-related research focuses on climate modeling, renewable energy, ecosystem restoration, and sustainable agriculture.
- Introduction of Minor Track in Climate Science for undergraduate students to enhance climate literacy.
- Regular seminars, workshops, and community outreach programs on climate resilience, clean energy, and sustainability.
- Collaboration with MoEFCC, DST, SERB, and international agencies for climate adaptation research and innovation like Bamboo Plantation, Research Funding, Green Initiatives etc.

4.6 Community Engagement and Outreach

- AUR's extensive rural engagement and sustainability initiatives through other official bodies and programs, primarily the Unnat Bharat Abhiyan (UBA) cell and the National Service Scheme (NSS) works with local communities on water conservation, afforestation, and clean energy adoption.
- Awareness campaigns in nearby villages and schools on climate literacy and environmental stewardship.
- Encouragement of student-led sustainability clubs and green volunteering initiatives such as "Campus Carbon Watch" and "Eco-Patrol".

5. Monitoring, Evaluation, and Reporting

- Regular audits on energy, water, carbon footprint, and waste management.
- Publication of an Annual Climate Action Report with progress indicators and carbon reduction statistics.
- Integration of Key Performance Indicators (KPIs) into departmental planning.





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- Policy reviews every three years or earlier as per emerging global climate frameworks or UGC directives.

6. Commitment Statement

Amity University Rajasthan reaffirms its pledge to be a leader in climate responsibility, integrating sustainability into every dimension of campus life—teaching, research, operations, and outreach. Through innovation, education, and collaboration, AUR aims to inspire present and future generations to act decisively against climate change and for the planet's well-being.

