

CLIMATE ACTION POLICY

PREAMBLE:

Dr. M.G.R. Educational and Research Institute (Deemed to be University) is steadfast in its commitment to addressing global ecological challenges through academic excellence, innovation, and social responsibility. Recognizing the critical urgency of environmental stewardship, the University shall establish integrated institutional frameworks, support specialized research, and execute community-driven programs to advance sustainability and climate resilience.

The University's strategic vision directly aligns with the United Nations 2030 Agenda, prioritizing SDG 13 (Climate Action). Operating under the apex guidance of the University's SDG Cell, these initiatives seamlessly bridge academic research, campus administration, and civic engagement. By embedding sustainability into the fabric of its operations and societal outreach, the Institute pledges to champion the core pillars of environmental protection, economic development, and social inclusion for a sustainable future.

SCOPE OF APPLICATION:

This policy shall apply without exception to:

- **All Campuses & Facilities:** All constituent colleges, departments, research centres, hostels, and administrative units under the ambit of Dr. M.G.R. Educational and Research Institute
- **University Community:** All stakeholders, including faculty members, non-teaching staff, administrative officials, researchers, students, and contractual vendors
- **Operations:** All day-to-day operations, infrastructural development projects, academic curricula, research endeavors, and community outreach programs

THE CARBON ZERO DECARBONSATION COMMITMENT (MGR-REACH)

In a profound commitment to halting climate change, Dr. M.G.R. Educational and Research Institute formally institutes the Carbon Zero Commitment 2045 (MGR-REACH) framework. The university pledges a strategic operational roadmap to transition all campuses into a certified Net-Zero Carbon Emissions Zone by 2045. To fulfill this mandate, the university will:

- **Establish Baseline Metrics:** Conduct comprehensive annual greenhouse gas (GHG) inventories tracking Scope 1 (direct emissions), Scope 2 (indirect energy), and Scope 3 (supply chain and travel) emissions.
- **Phase out Fossil Fuels:** Systematically replace fossil-fuel dependency across all operations with fully funded, clean-energy alternatives.
- **Target Milestones:** Design short- and medium-term carbon reduction quotas across every department to systematically lower the institutional carbon footprint



SPECIFIC POLICY OBJECTIVES

To systematically realize its sustainability commitments, the University mandates the execution of the following core objectives:

- **Renewable Energy & Efficiency:** Maximize the transition to clean energy across campuses by expanding solar power infrastructures, installing energy-efficient LED lighting, and enforcing strict energy conservation protocols in all buildings.
- **Comprehensive Waste Management:** Enforce strict waste segregation at the source across all premises. Implement zero-waste campus strategies through advanced organic composting, standard electronic waste (e-waste) recycling partnerships, and a strict ban on single-use plastics.
- **Water Conservation & Harvesting:** Institutionalize advanced rainwater harvesting systems across all building roofs, optimize grey water recycling for landscaping, and implement smart fixtures to ensure efficient water resource management.
- **Curriculum & Research Integration:** Encourage interdisciplinary research focused on climate resilience, carbon footprint reduction, and green technologies. Embed mandatory components of environmental science and SDGs into the academic curriculum across all disciplines.
- **Green Campus & Mobility:** Expand campus green cover through systematic afforestation and vertical gardening. Promote eco-friendly transit by restricting vehicular movement inside core campus zones and encouraging the use of electric vehicles (EVs) and bicycles.
- **Community & Societal Engagement:** Leverage extension units like the NSS, NCC, and departmental bodies to run climate awareness campaigns, adopt local villages for sustainable development, and share green practices with the broader public.

IMPLEMENTATION AND MONITORING MECHANISM

- The SDG Cell shall serve as the primary monitoring and executive body responsible for driving this policy.
- An annual Green and Environment Audit shall be conducted by competent internal and external agencies to measure carbon reduction targets and compliance.



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