Dr.M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
Deemed to be University

★ with Graded Autonomy Status ★

(An ISO 21001 : 2018 Certified Institution)

ACCREDITED WITH GRADE A+ NAAC

Sustainability Report 2024 – 2025

7 AFFORDABLE AND CLEAN ENERGY

SUSTAINABLE DEVELOPMENT GOALS



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SDG REPORT

2024-2025

Dr MGR ERI SDG Report 24-25

Dr. E. Sheeba Percis,
Professor and Joint Registrar
Team Lead-International Rankings

Dr. C. B. Palanivelu

Registrar

SDG 7

AFFORDABLE AND CLEAN ENERGY

Dr MGR ERI SDG Report 24-25



Dr. M.G.R. Educational and Research Institute has created an energy conservation and management policy to ensure the responsible and efficient use of energy across all of its facilities. The university is doing this to combat climate change, lower utility costs, and help protect the environment. The key aspects of the policy include:

A commitment to sustainability: The University aims to reduce its environmental impact by promoting eco-friendly practices throughout its campuses.

Focus on energy efficiency: The University seeks to reduce energy waste through implementing better energy management systems, using energy-efficient equipment, and creating awareness about conservation.

Reducing the environmental footprint: Measures are in place to minimize pollution and waste, including the efficient management of solid waste and wastewater

Engaging the university community: The policy is intended to foster a culture of energy consciousness among students, faculty, and staff

Applying to all operations: The policy covers the entire university ecosystem, including academic buildings, administrative offices, hostels, hospitals, and research centers

Dr MGR Educational and Research Institute (ERI) incorporates clean energy through its environmental sustainability research, which includes areas like renewable energy, waste management, and water conservation. The university also has a focus on clean energy technologies such as installing electric vehicle (EV) charging stations on its campuses and promotes a "Green Campus" policy.

Renewable energy research:

Dr MGR ERI's environmental sustainability research includes work on various forms of renewable energy to create a more resilient future. The university's research and innovation focus areas include developing and integrating clean energy solutions and technologies into various sectors.

Green Campus Policy:

The university has a specific Green Campus Policy and aims to document and disseminate successful case studies in sustainable development.

Electric Vehicle (EV) infrastructure:

The institution has been actively installing EV charging stations at its campuses in partnership with other organizations. There is a Relux 30 kW EV charging station located in the main campus. Sustainability at DRMGRERI begins with infrastructure and operational systems. Rooftop solar panels across multiple campuses generate nearly 234,900 kWh annually, directly replacing fossil fuel electricity and reducing 192 tonnes of CO_2 emissions per year. A campus-wide energy efficiency program, including the deployment of LED lighting and BLDC fans, contributes additional annual savings of 68,000 kWh. Together, these measures reduce energy costs, improve efficiency, and make renewable energy central to operations

Through World Water Day, World Bicycle Day, Green Day, Energathon, and EnvironThon, students engage with peers, schools, and local villages, amplifying awareness beyond the campus. For instance, the CYCLE4GREEN initiative saw 120 students reach 500 community members in Tiruvallur, Tiruverkadu, and Kancheepuram villages, spreading awareness on eco-friendly commuting. Similarly, the energy pledge campaign encouraged households to adopt #SaveOneUnitPerDay, extending institutional action into the community. Specialized SDG-focused activities — such as TALK 4 SDG, SDG Pitch Competitions (M360, COP Prix), and global forums — empower students to connect their local sustainability efforts with global climate dialogues. More than 3,000 students participated in Green Day events, while others represented the Institute at international sustainability internships and forums.

Dr. MGR SDG Centre for International Coordination proudly unveiled its Official logo at the UN – Sixth Global Climate and SDG Synergies Conference, held at UN City in Copenhagen, Denmark, in the esteemed presence of Mr. Daniele Violetti (Senior Director, UNFCCC) and Mr. Ralph Wahnschafft (Senior Advisor, UN DESA).

EVIDENCE LINK:
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