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

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

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 9

INNOVATION AND ENTREPRENUERSHIP

Dr MGRERI SDG Report 24-25



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 CO2 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. We have an energy efficient building renovation policy which monitors the commitment towards SDG9.

Wastewater and liquid waste management are equally robust. With 200,000 liters/day sewage treatment plants, DRMGRERI ensures 100% of wastewater is treated and reused for flushing, cooling, and landscaping, saving 60 million liters of freshwater annually. Sludge is converted into organic compost, supporting a green campus. Hazardous effluents and biomedical waste are managed in compliance with CPCB and TNPCB norms, ensuring zero untreated discharge.

Dr. M.G.R. Educational and Research Institute has a new B.Tech in Electric Vehicles specialization under its Electrical and Electronics Engineering (EEE) department, offered in collaboration with Tata Technologies. This program aims to bridge the gap between academia and industry through hands-on training, internships, and project-based learning. A B.Tech in Electric Vehicle (EV) Technologies directly contributes to Sustainable Development Goal (SDG) 9 by promoting resilient infrastructure, fostering sustainable industrialization, and stimulating technological innovation. The curriculum prepares engineers to address the challenges and opportunities of the transition to electric mobility.

Not only that, the development of a widespread EV charging network is key to enabling a shift to a more sustainable transportation system. EV charging stations support SDG 9 by building resilient and sustainable infrastructure and promoting sustainable industrialization. There is a Relux 30 kW EV charging station located in the main campus.

Dr. MGR ERI ensures that faculty working on interdisciplinary research has access to cutting-edge laboratories, equipment, and research centers. The centers of excellence for fields

Dr MGR ERI SDG Report 24-25

such as IoT, Artificial Intelligence, Biotechnology, and Environmental Sustainability provide facilities and tools that support collaborative work between departments. These resources are crucial for conducting high-quality research across various disciplines. Dr. MGR ERI ensures that faculty working on interdisciplinary research has access to cutting-edge laboratories, equipment, and research centers. The centers of excellence for fields such as IoT, Artificial Intelligence, Biotechnology, and Environmental Sustainability provide facilities and tools that support collaborative work between departments. These resources are crucial for conducting high-quality research across various disciplines.

Divesting Policy:

Divestment from Carbon-Intensive Energy Industries: Dr. M. G. R. Educational and Research Institute will divest its investments from carbon-intensive energy industries, with a particular focus on coal and oil. The university will actively seek to reduce its exposure to companies involved in the extraction, production, or distribution of fossil fuels.

- Integrating Green Infrastructure and Operations
- People-Centric Climate Action and SDG Advocacy
- Mobility Shift and Carbon Savings
- Research, Innovation, and Knowledge Creation
- Sustainable landscaping
- Promote sustainable procurement

EVIDENCE LINK:
https://drmgrdu.ac.in/policies
https://drmgrdu.ac.in/facilities
https://drmgrdu.ac.in/facilities/renewable-energy/
https://drmgrdu.ac.in/facilities/renewable-energy/
https://drmgrdu.ac.in/uploads/QS/Social_Activities/Environment%20Impact/6%20%20Report%20sustainability.pdf
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https://blog.drmgrdu.ac.in/tag/electric-vehicle/
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https://drmgrdu.ac.in/innovation-and-entrepreneurship/

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