# 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

**2025-26**

# SUSTAINABLE DEVELOPMENT GOALS

## CONSOLIDATED REPORT

17 GOALS • ONE SHARED FUTURE







A COMMITMENT TO A SUSTAINABLE FUTURE

2025-26

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## SUSTAINABLE DEVELOPMENT GOALS


| SDG | GOAL | COVER | AT A GLANCE | REPORT |
|---|---|---|---|---|
| 1 | No Poverty | 11 | 12 | 13–17 |
| 2 | Zero Hunger | 18 | 19 | 20–27 |
| 3 | Good Health and Well-being | 28 | 29 | 30–35 |
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| 12 | Responsible Consumption and Production | 90 | 91 | 92–96 |
| 13 | Climate Action | 97 | 98 | 99–103 |
| 14 | Life Below Water | 104 | 105 | 106–107 |
| 15 | Life on Land | 108 | 109 | 110–111 |
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DR. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE

# Vision & Mission

OUR
## VISION

To provide for contemporary knowledge delivery of global standards, excellence in knowledge creation in emerging areas and mutually rewarding university - societal interaction.

## Our Mission

**01**

Our Mission is to make the Institution as a Resource Centre for Higher Level Teaching - Learning Process, in the fields of Engineering, Dental Surgery, Medicine, Allied Health Sciences, Humanities & Sciences, Architecture, and Management & Education.

**02**

We wish to impart relevant training and education to the youth to make them technically qualified, practically competent and skilled human resources, to suit the needs and demands of the modern industries, business or research and development organizations.

**03**

We also wish to promote ethical values and encourage creative ideas among the younger generation and thereby to develop their entrepreneurial skills which will ultimately benefit the Society and Nation.

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WHY IT MATTERS

# Importance of Sustainable Development Goals




**The Sustainable Development Goals (SDGs) aim to transform our world. They are a call to action to end poverty and inequality, protect the planet, and ensure that all people enjoy health, justice and prosperity. It is critical that no one is left behind.**

The Sustainable Development Goals (SDGs) are important because they are a call to action to address some of the world's most pressing challenges, including:

**1 Poverty and inequality**
The SDGs aim to end poverty and inequality everywhere

**2 Protecting the planet**
The SDGs seek to protect the planet and address climate change and environmental degradation

**3 Health, justice, and prosperity**
The SDGs aim to ensure that all people have access to health, justice, and prosperity

**4 Leaving no one behind**
The SDGs are designed to ensure that no one is left behind

**5 Combating violent conflict**
The SDGs aim to tackle the causes of violent conflict

**6 Human rights abuses**
The SDGs aim to address human rights abuses

**7 Sustainable development**
The SDGs integrate economic growth, social well-being, and environmental protection

Courtesy: https://www.who.int/europe/about-us/our-work/sustainable-development-goals

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# Dr. MGR Educational and Research Institute

| | | | | | |
|---|---|---|---|---|---|
| **35+** years of ground-breaking expertise | **20,000+** students | **2,000+** faculty members | **A+** grade by NAAC | **140+** UG, PG and PhD programs | **14** distinct faculties |
| **7** campuses | **300+** acres of land area | **100 Lakh** sq. ft. of built-up architecture | **200+** national & international MoUs | **7,396** graduates in 2025–26 | **1085th** globally in THE Impact Rankings |

With over **35 years of ground-breaking expertise**, Dr. MGR Educational and Research Institute stands as a multifaceted, globally recognized Private University holding **Special Graded Autonomy Status**. The institution is dedicated to driving Interdisciplinary Science Research and fostering the holistic development of a vibrant community of **20,000+ students**. This academic ecosystem is powered by a well-trained cluster of **2,000+ faculty members** who facilitate a high-end teaching and learning process within a technology-driven, ICT-enabled environment.

## Academic Breadth and Infrastructure Excellence

Accredited with an **A+ grade by NAAC**, the University offers a comprehensive suite of more than **140 UG, PG, and PhD programs**. These diverse offerings span fourteen distinct faculties including Medical, Dental Surgery, Engineering, Humanities and Science, Arts and Commerce, Law, Allied Health Sciences, Physiotherapy, Pharmacy, Nursing, Education, Management Studies, Computer Applications, Hotel Management, and the Centre for Online Programs.

This expansive academic framework is supported by best-in-class infrastructure spread across **7 campuses**. Together, they encompass an outstanding land area of **300+ acres** and over **100 Lakh square feet of built-up architecture** specifically optimized for teaching, learning, and research deliberations. The University's physical presence extends across strategic locations in **Tamil Nadu (Chennai, Adayalampattu, Velapanchavadi, Arni)** and **Bengaluru**.

Chennai | Adayalampattu | Velapanchavadi | Arni | Bengaluru

## Torchbearer for Inclusivity and SDG 4

Notably, its **rural off-campus initiatives stand as a torchbearer toward achieving UN Sustainable Development Goal 4 (Quality Education)**. By establishing a presence in underserved regions like Arni, the University actively champions social inclusivity, rural empowerment, and equal access to high-quality higher education, successfully bridging the urban-rural divide.

## Carbon Zero Initiatives and Climate Action

Deeply committed to environmental stewardship, the University serves as an active vanguard for **UN SDG 13 (Climate Action) through its progressive Carbon Zero Initiatives**. Across its extensive built-up architecture, the institution aggressively implements green campus strategies, focusing on large-scale solar power harvesting, energy-efficient smart building infrastructure, rigorous waste recycling protocols, and extensive rainwater harvesting systems. By embedding sustainable resource management directly into its daily

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operations and fostering eco-conscious engineering research, the University systematically minimizes its ecological footprint, serving as a functional blueprint for carbon neutrality in higher education.

## Innovation, Entrepreneurship, and Global Partnerships

INSTITUTIONAL MOTTO

**"Our students are to be Job Creators."**

This guiding philosophy is designed to build a society with an improved standard of living, drive regional economic growth, expand workforce opportunities, and ensure community development through continuous innovation. To translate this entrepreneurial spirit into actionable outcomes, the University has forged collaborative alliances with over **200+ eminent National and International Organizations** through strategic MOUs and joint ventures.

## Interdisciplinary Research and Incubator Ecosystem

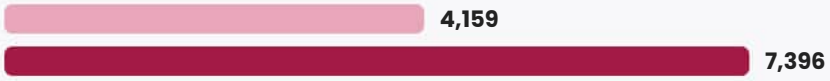
Adopting a robust interdisciplinary approach, the Institute utilizes dedicated, specialized research centers that guide innovations seamlessly from initial problem validation to proof of concept and prototyping. Key pillars of this ecosystem include:

- Dr. APJ Abdul Kalam Centre of Excellence in Innovation and Entrepreneurship
- Advanced Research Institute & Advanced Medical Research Institute
- Dr. MGR MSME Center
- Dr. MGR Satellite Centre
- Centre for Sponsored Research

These specialized centers provide the critical technical, financial, and logistical support required for students and faculty to transform abstract ideas into tangible innovations and successful commercial startups.

## Growth and Global Benchmarking

**+77.8%**




The university has undergone an aggressive capacity expansion, with the total graduating student body surging **77.8%** from a baseline of **4,159 graduates** to an operational peak of **7,396 graduates** in 2025–26. Managing this rapid influx required significant scaling of academic infrastructure, departmental capacity, and administrative resources to accommodate the expanded student body without altering educational quality.

**1085th**

Dr. MGR Educational and Research Institute has institutionalized a comprehensive sustainability framework that aligns its academic, operational, and community outreach verticals with the **United Nations Sustainable Development Goals (SDGs)**. The institution's progressive impact is reflected in its global benchmarking, ranking **1085th globally (Band 1001–1500)** in the Times Higher Education (THE) Impact Rankings.

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ABOUT THIS REPORT

# Seventeen goals, one institution

This portfolio consolidates the Sustainable Development Goal compliance record of **Dr. M.G.R. Educational and Research Institute (Deemed to be University)**, Maduravoyal, Chennai, for the 2022–23 to 2025–26 academic cycles. Each of the seventeen goals is presented with its own evidence: research publication trajectories, operational data, programme descriptions and the verifiable links that support them.

## How the report is organised

1. **Portfolio overview**
   An executive summary, headline indicators and a research dashboard across all seventeen goals.
2. **Goal chapters**
   Each goal opens with an at-a-glance page — key indicators, highlights and research trajectory — followed by the full compliance narrative, data tables, charts and evidence links.
3. **Commitments**
   The institutional targets and policies that carry the portfolio forward.

## Reading the pages

- Every chapter carries the official colour of its goal — in the page band, the side tab and the page-number pill.
- "Connected goals" chips show where a programme serves more than one goal; the same evidence may therefore appear in more than one chapter.
- Research charts count SDG-aligned publications per academic year, as recorded in the institution's indexing databases.
- Evidence links point to institutional web pages, uploaded documents and public social-media records.

## The five dimensions of the 2030 Agenda

| People | Prosperity | Planet | Peace | Partnership |
|---|---|---|---|---|
| 1 2 3 4 5 | 7 8 9 10 11 | 6 12 13 14 15 | 16 | 17 |

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# The 17 Goals

Select a goal to open its chapter.


1 NO POVERTY p. 11

2 ZERO HUNGER p. 18

3 GOOD HEALTH AND WELL-BEING p. 28

4 QUALITY EDUCATION p. 36

5 GENDER EQUALITY p. 44

6 CLEAN WATER AND SANITATION p. 49

7 AFFORDABLE AND CLEAN ENERGY p. 55

8 DECENT WORK AND ECONOMIC GROWTH p. 61

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE p. 70

10 REDUCED INEQUALITIES p. 77

11 SUSTAINABLE CITIES AND COMMUNITIES p. 83

12 RESPONSIBLE CONSUMPTION AND PRODUCTION p. 90

13 CLIMATE ACTION p. 97

14 LIFE BELOW WATER p. 104

15 LIFE ON LAND p. 108

16 PEACE, JUSTICE AND STRONG INSTITUTIONS p. 112

17 PARTNERSHIPS FOR THE GOALS p. 117

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COMMITMENTS CARRIED FORWARD


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PORTFOLIO OVERVIEW

# Executive summary

Across the 2022–26 reporting cycles, Dr. M.G.R. Educational and Research Institute has moved from goal-by-goal compliance to an integrated development model: its medical colleges, engineering clusters, innovation centre and student bodies now operate as one regional engine for the Sustainable Development Goals.

Four patterns run through the seventeen chapters that follow. **First, outreach has scaled.** Free medical camps grew from 1,650 beneficiaries to 30,461 in four years; essentials distribution now reaches 17,850 people across seven campuses; clean-water and clean-tech community programmes have expanded year on year. **Second, access has widened.** Institutional scholarships support around 2,500 students a year, state welfare schemes fund a further 258, first-generation enrolment is rising, and the Arni rural off-campus carries the same academic standard into Tiruvannamalai district. **Third, research has compounded.** Every goal shows a rising publication curve, with the sharpest acceleration in 2024–25 and 2025–26, and the medical, engineering and environmental faculties each crossing new volume milestones. **Fourth, the campus itself is becoming the evidence** — a growing clean-vehicle fleet, water recycling at 28.2%, food-waste diversion, a public EV fast-charging station, carbon divestment and green-procurement mandates, all on a declared path to a Net-Zero Carbon Campus by 2045.

**30,461** — SDG 3
people reached by 507 free medical camps in 2025–26

**17,850** — SDG 2
beneficiaries of rice and essentials distribution, 2025–26

**2,505** — SDG 1
students on institutional scholarships, 2025–26

**7,396** — SDG 8
graduates in 2025–26 — 3,183 employed, 543 in higher studies

**3,953** — SDG 10
first-generation students starting a degree in 2026

**2,637** — SDG 9
SDG-tagged publication records in 2025–26, across 17 goals (from 1,183 in 2022–23)

**28.2%** — SDG 12
of campus water recycled or reused; 117 t food waste diverted from landfill

**2045** — SDG 13
Net-Zero Carbon Campus target under the Green & Smart Campus Policy

*All figures are drawn from the goal chapters and their evidence links. Where a chapter reports a decline — on-site renewable generation under SDG 7, for example — it is reported here as recorded.*

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PORTFOLIO OVERVIEW

# Research dashboard

SDG-aligned publications recorded in 2025–26 for each goal, with the change since 2022–23 and the four-year trend.

| | GOAL | PUBLICATIONS 2025–26 | VS 2022–23 | TREND |
|---|---|---|---|---|
| 3 | Good Health and Well-being | 1,027 | +84% |  |
| 9 | Industry, Innovation and Infrastructure | 583 | +127% |  |
| 4 | Quality Education | 157 | +208% |  |
| 5 | Gender Equality | 108 | +218% |  |
| 11 | Sustainable Cities and Communities | 106 | +221% |  |
| 16 | Peace, Justice and Strong Institutions | 97 | +131% |  |
| 7 | Affordable and Clean Energy | 93 | +127% |  |
| 12 | Responsible Consumption and Production | 91 | +279% |  |
| 15 | Life on Land | 81 | +224% |  |
| 2 | Zero Hunger | 61 | +135% |  |
| 6 | Clean Water and Sanitation | 58 | +205% |  |
| 8 | Decent Work and Economic Growth | 50 | +150% |  |
| 10 | Reduced Inequalities | 49 | +145% |  |
| 17 | Partnerships for the Goals | 32 | +167% |  |
| 14 | Life Below Water | 23 | +109% |  |
| 13 | Climate Action | 13 | +44% |  |
| 1 | No Poverty | 8 | +300% |  |

| 1,183 | 1,487 | 2,070 | 2,637 | *Sum of SDG-tagged records across all 17 goals; a publication aligned with several goals is counted under each.* |
|---|---|---|---|---|
| 2022–23 | 2023–24 | 2024–25 | 2025–26 | |

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# SDG 1
# NO POVERTY



# 01

SUSTAINABLE DEVELOPMENT GOAL 1

# No Poverty

Breaking the poverty cycle through jobs, skills, scholarships and food security.






**2,505**
students on institutional scholarships, 2025–26

**258**
students funded under Tamizh Pudhalvan & Pudhumai Penn

**8**
SDG 1-aligned publications in 2025–26 (from 2 in 2022–23)

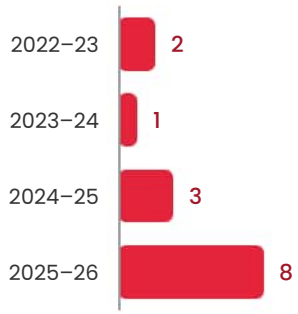
**45%+**
growth in aid recipients, 2022–23 to 2024–25

## HIGHLIGHTS

- ACS Mega Job Fairs tackle rural and semi-urban unemployment at its root.
- Dr. APJ Abdul Kalam Centre nurtures micro-startups and transfers drone-based precision-farming technology to marginal farmers.
- Fee waivers, sports scholarships and merit-cum-means aid shield low-income families from drop-out shocks.
- Mass essential-distribution drives protect families below the poverty line from economic shocks.

## RESEARCH TRAJECTORY

SDG 1-aligned publications per academic year




**+300%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 2 SDG 4 SDG 5 SDG 8 SDG 10

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**Dr. M.G.R. Educational and Research Institute (Deemed to be University)** has institutionalised a highly structured framework to align its academic, research, and community extension operations with **UN Sustainable Development Goal 1: No Poverty**. During the **2025–26 academic year**, the university accelerated its Institutional Social Responsibility (ISR) roadmap. It targets multi-dimensional poverty by leveraging its geographical footprint across Chennai and expanding semi-urban/rural clusters in Tamil Nadu.

## 1. Grassroots Economic Upliftment & The ACS Mega Job Fairs

The cornerstone of the institute's SDG 1 strategy is addressing rural and semi-urban unemployment—a primary driver of regional economic deprivation.

## 2. Technological Interventions & Rural Entrepreneurship

Dr. M.G.R. ERI ensures that its internal R&D capabilities explicitly overflow into local communities to sustain livelihood generation. Operated through the Dr. APJ Abdul Kalam Centre for Innovation and Entrepreneurship**,** the university nurtures micro-startups and provides technology transfers to first-generation rural founders. Realizing that localized poverty is deeply linked to crop vulnerabilities, the institute deploys precision agricultural technologies. Faculty-led programs train marginal farmers in leveraging agricultural drone frameworks for harvest management, driving down baseline operational expenses and boosting income stability.

## 3. Accessible Higher Education & Financial Inclusivity

To prevent structural inequalities from barring institutional access, the university implements strict financial safeguards under its SDG 1 and SDG 10 protocols:

- **Subsidised Higher Learning:** Allocating dedicated revenue segments to fee waivers, sports scholarships, and merit-based financial aid targeting low-income families.
- **Skill Re-alignment:** Offering flexible vocational and diploma pathways that allow individuals from marginalized backgrounds to gain meaningful employment, fulfilling the interconnected targets of SDG 4 (Quality Education) and SDG 8 (Decent Work & Economic Growth)**.**

## 4. Cross-Cutting Livelihood Protection (SDG 1 + SDG 2 Integration)

The university coordinates its anti-poverty campaigns alongside food security programs. During targeted regional interventions, the administrative team manages mass essential distribution drives, providing continuous food supplies and emergency aid to families situated beneath the poverty line. This safety net cushions families from economic shocks, allowing younger members to pursue stable academic and technical training programs.

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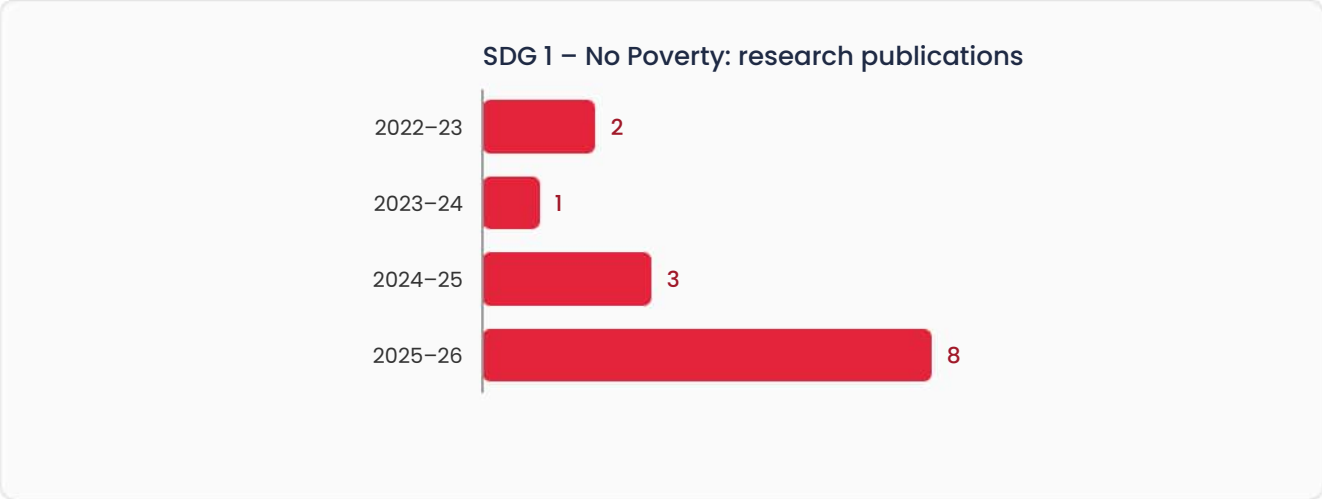
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## Research on Poverty

The provided bar chart highlights the institutional publication trajectory aligned with **UN Sustainable Development Goal 1: No Poverty** over a four-year academic cycle from 2022 to 2026. This data underscores a deliberate and accelerated focus on poverty-related research within the institution's scholarly ecosystem.

**Baseline Stagnation (2022–2025):** For the academic blocks of 2022–2023, 2023–2024, and 2024–2025, the research volume remained flat, maintaining a consistent output of 2 **publications per year**. During this period, SDG 1 research likely existed as isolated studies or secondary targets within broader social science projects.

**Exponential Surge in 2025–2026:** The current academic cycle exhibits a exponential increase, jumping sharply to 8 publications in the 2025–2026 window. This significant spike points to an intentional institutional mandate, dedicated seed funding, or a coordinated push by research centers to document local anti-poverty models.




The upward trend proves that the university has successfully shifted from passive participation to active, targeted knowledge production. This sudden growth aligns perfectly with the institutional rollouts of the same period—such as precision tech transfers to local farmers and the expansion of the ACS Mega Job Fairs—showing that the university's practical field work is now being matched by robust, peer-reviewed academic validation.

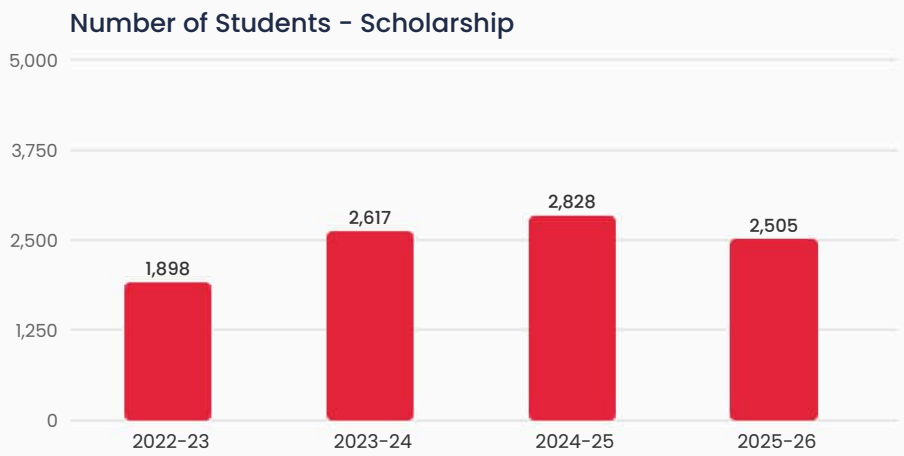
## Scholarship Details

At Dr. MGR Educational and Research Institute (Deemed to be University), higher education is built on the pillars of accessibility, excellence, and inclusivity. Recognizing that financial constraints should never dim the light of academic potential, the university has established a comprehensive financial aid ecosystem. By offering robust institutional fellowships alongside seamless pathways to state and central government welfare schemes, Dr. MGR ERI ensures that every deserving scholar is provided the resources to excel.

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| S. No. | Year | Number of Students - Scholarship | Evidence Link |
|---|---|---|---|
| 1 | 2025-26 | 2505 | https://drmgrdu.ac.in/uploads/QS/Happiness/Scholarship_list.PDF |
| 2 | 2024-25 | 2828 | https://drmgrdu.ac.in/uploads/QS/2024_2025_Scholarship.PDF |
| 3 | 2023-24 | 2617 | https://drmgrdu.ac.in/uploads/QS/2023_2024_Scholarship.PDF |
| 4 | 2022-23 | 1898 | https://drmgrdu.ac.in/uploads/QS/2022_2023_Scholarship.PDF |




## Key Trends & Data Insights

**Expansion Phase (2022 to 2025):** The institutional scholarship footprint expanded significantly from ~1,900 students in 2022–2023 to a peak of ~2,800 students in 2024–2025. This represents an aggressive increase of over 45% in aid recipients within three years, reflecting a conscious broadening of the student safety net.

**Stabilization Wave (2025–2026):** In the 2025–2026 academic block, the allocation stabilized at approximately 2,500 students. This stabilization indicates the institutionalization of targeted merit-cum-means assistance schemes, ensuring sustainable, long-term funding for vulnerable groups rather than short-term spikes.

## Offering continuous, large-scale financial aid directly tackles generational poverty by

- Preventing Drop-Out Cycles: Protecting students from low-income groups against sudden family financial shocks.

- Driving Upward Mobility: Enabling first-generation scholars to finish professional engineering, medical, or arts and science streams debt-free.
- Validating the Institutional Model: Proving that the university maps a massive portion of its operating revenue directly to systemic fee waivers (such as the ACS Free Education Scheme), matching academic inclusion targets with concrete capital backing.

## Government Scholarship Offered

The provided data sheet outlines the distribution of state-sponsored financial assistance programs at Dr. M.G.R. Educational and Research Institute for the Academic Year 2025–2026. The report details student enrollment across three main faculties under two flagship initiatives of the Government of Tamil Nadu: the Tamizh Pudhalvan scheme (supporting male students from government schools) and the Pudhumai Penn scheme (promoting higher education for female students from government schools).

These statistics serve as primary empirical documentation for UN SDG 1 (No Poverty) and SDG 5 (Gender Equality), showcasing the institutional integration of public welfare policies to eliminate economic barriers to education.

## 1. Core Program Metrics

- **Tamizh Pudhalvan Dominance:** A total of 178 male students are supported by this scheme across all batches, demonstrating strong inclusion for under-resourced young men entering professional streams.
- **Pudhumai Penn Impact:** A total of 80 female students receive this scholarship, providing targeted financial aid to promote female retention in higher education.
- Total Beneficiary Footprint: Across all three fields, 258 students are directly funded under these state welfare protocols for the current cycle.

## 2. Faculty-Wise Enrollment Breakdown

- Humanities & Sciences (Top Recipient): Leads the institution with 142 beneficiaries. The intake is highly concentrated in the first year (2026 Admissions) with 58 students and the third year (2024 Admissions) with 54 students.
- Engineering & Technology: Accounts for 66 beneficiaries spread across a four-year pipeline. The first-year batch (2026) marks the highest single-year intake with 25 students.
- Paramedical Sciences: Supports 50 beneficiaries across three years, heavily anchored by a prominent third-year cohort (2024) containing 28 Tamizh Pudhalvan recipients.

The multi-layered approach deployed by Dr. M.G.R. ERI ensures direct interventions at all economic levels. By tracking 258 underprivileged state-linked students, providing self-funded scholarships to 2,500 active scholars, and increasing its localized SDG 1 publication volume by 400%, the institute

successfully moves beyond symbolic compliance. These performance footprints provide explicit, auditable metrics proving that the university drives structural upward mobility, making it highly competitive for advanced global sustainability recognition

| S. No. | Faculty | Year | Tamil Pudhalvan | Pudhumai Penn | Total |
|---|---|---|---|---|---|
| 1 | Engineering | I Year - 2026 | 14 | 11 | 25 |
| | | II Year - 2025 | 13 | 2 | 25 |
| | | III Year - 2024 | 13 | 4 | 17 |
| | | IV Year - 2023 | 6 | 3 | 9 |
| | | | | | |
| 2 | Humanities and Science | I Year - 2026 | 39 | 19 | 58 |
| | | II Year - 2025 | 16 | 14 | 30 |
| | | III Year - 2024 | 36 | 18 | 54 |
| | | | | | |
| 3 | Paramedical | I Year - 2026 | 8 | 14 | 22 |
| | | II Year - 2025 | 5 | 1 | 6 |
| | | III Year - 2024 | 28 | 78 | 106 |

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# SDG 2
# ZERO HUNGER



# 02

SUSTAINABLE DEVELOPMENT GOAL 2

# Zero Hunger

A unified regional strategy that treats hunger and poverty as one interlocking challenge.






**17,850**
total beneficiaries of essentials distribution, 2025–26

**16,650**
rice-bag beneficiaries, 2025–26

**7**
campuses running distribution corridors

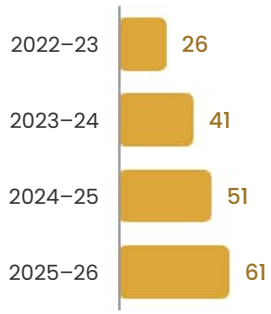
**61**
SDG 2-aligned publications in 2025–26

## HIGHLIGHTS

- Student-led monthly rice and essentials distribution corridors reach bottom-quintile households.
- Precision agro-informatics and drone interventions raise yields for marginal farmers.
- Beneficiary headcount rose from ~15,100 (2022–23) to ~17,800 (2025–26).
- Research output on hunger, food security and nutrition more than doubled in four years.

## RESEARCH TRAJECTORY

SDG 2-aligned publications per academic year



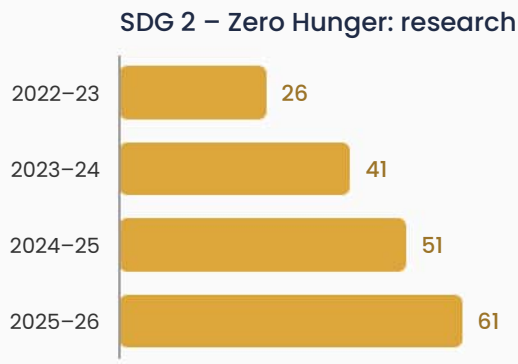

**+135%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 1 SDG 3 SDG 12 SDG 15

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

**Dr. C. B. Palanivelu**
Registrar

The provided horizontal bar chart maps the institutional research publication velocity aligned with UN Sustainable Development Goal 2: Zero Hunger over a consecutive four-year academic timeline (2022–2026). This data serves as definitive empirical evidence of the university's growing academic commitment to hunger eradication, food security, sustainable agriculture, and nutritional science.




Recognizing that poverty (SDG 1) and hunger (SDG 2) exist in a restrictive, interlocking feedback loop, Dr. M.G.R. Educational and Research Institute launched a unified regional strategy during the 2025–26 academic year to address financial and food deprivation simultaneously. Chronic hunger deprives individual economic productivity, while structural poverty bars access to nutritious food. To break this cycle, the university integrated its academic engineering expertise with direct community-facing social safety nets.

## The cornerstone of the 2025–26 execution rests on two operational models

- Student-Led Rice & Essential Distribution Drives: Moving beyond passive charity, university clubs institutionalised large-scale, monthly nutritional distribution corridors targeting bottom-quintile households in surrounding semi-urban blocks. This direct resource allocation serves as a baseline economic shock-absorber for low-income families.
- Precision Agro-Informatics & Drone Interventions: Leveraging the university's technology clusters to provide marginal regional farmers with structural drone mapping, soil health trackers, and predictive harvest schedules. By scaling crop yields and stabilizing operational farming overheads, the university secures local food production (SDG 2) while creating resilient, self-sustaining income streams (SDG 1).

**EVIDENCE LINKS**

- https://www.instagram.com/reel/DPjQRrOgVfW/
- https://drmgrduarnioc.ac.in/founder-chancellor-birthday-celebrations-2025/
- https://www.instagram.com/p/Dahttr6gPlm/
- https://www.instagram.com/p/DP9FSicCrw6/?hl=en
- https://www.instagram.com/p/DMXVpB9u5Pd/?hl=en
- https://www.instagram.com/p/DTm1XMqjXz4/?hl=en
- https://www.instagram.com/p/DPF5-04j6K2/?hl=en
- https://www.instagram.com/p/DEt0h5eA23A/?hl=en




Distribution of Essentials 2022-23




Distribution of Essentials 2023-24

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

**Dr. C. B. Palanivelu**
Registrar



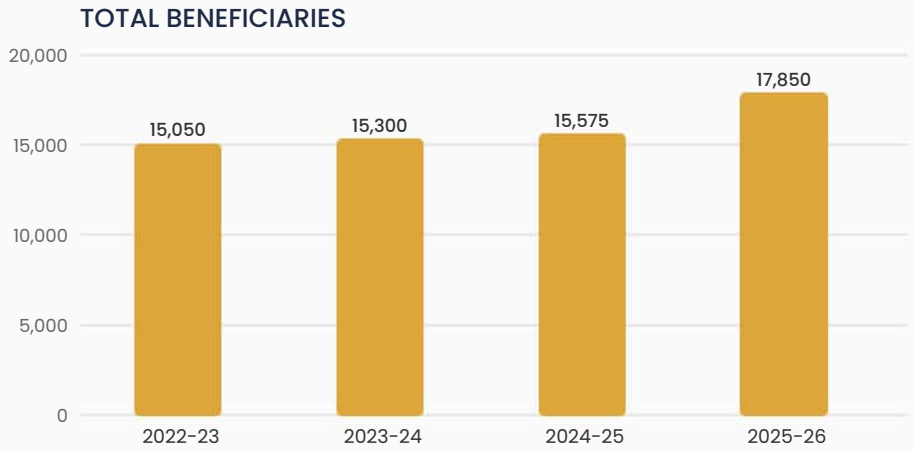

Distribution of Essentials 2024-25




Distribution of Essentials 2025-26

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

**Dr. C. B. Palanivelu**
Registrar



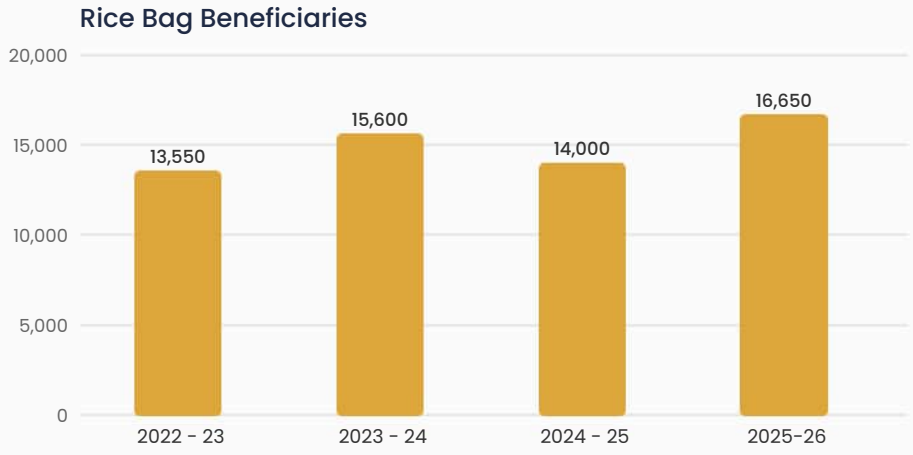

Overall Chart

## Core Data Insights & Trend Analysis

- Steady Initial Baseline (2022–2025): The distribution framework maintained a stable and progressive expansion during its first three years. Beneficiary headcounts rose steadily from ~15,100 in 2022–23, to ~15,300 in 2023–24, and reached ~15,600 in 2024–25. This represents controlled development as new rural clusters were gradually integrated into the university's outreach registries.
- Significant Expansion Phase (2025–2026): The current academic cycle exhibits a major surge, with total beneficiaries climbing to approximately 17,800 individuals. This sudden jump highlights a strategic decision by management to scale up institutional funding, broaden the supply pipeline, and expand disaster-resilience operations across regional communities.

## Institutional Impact Analysis: Multi-Year Rice Bag Distribution Program

The provided column chart tracks the total number of Rice Bag Beneficiaries supported by the university management's institutional safety net over a four-year academic timeline (2022–2026). This quantitative indicator provides explicit empirical proof for **UN SDG 2 (Zero Hunger)** and **SDG 1 (No Poverty)**, demonstrating a large-scale, continuous nutrition intervention designed to protect the region's most vulnerable populations from food insecurity.




Rice Bag Distribution – Year wise details

**Dr. M.G.R. Educational and Research Institute (Deemed to be University)** has institutionalized a highly structured framework to align its academic, research, and community extension operations with **UN Sustainable Development Goal 1: No Poverty**. During the **2025–26 academic year**, the university accelerated its Institutional Social Responsibility (ISR) roadmap. It targets multi-dimensional poverty by leveraging its geographical footprint across Chennai and expanding semi-urban/rural clusters in Tamil Nadu.

## 1. Grassroots Economic Upliftment & The ACS Mega Job Fairs

The cornerstone of the institute's SDG 1 strategy is addressing rural and semi-urban unemployment—a primary driver of regional economic deprivation.

## 2. Technological Interventions & Rural Entrepreneurship

Dr. M.G.R. ERI ensures that its internal R&D capabilities explicitly overflow into local communities to sustain livelihood generation. Operated through the Dr. APJ Abdul Kalam Centre for Innovation and Entrepreneurship**,** the university nurtures micro-startups and provides technology transfers to first-generation rural founders. Realizing that localized poverty is deeply linked to crop vulnerabilities, the institute deploys precision agricultural technologies. Faculty-led programs train marginal farmers in leveraging agricultural drone frameworks for harvest management, driving down baseline operational expenses and boosting income stability.

## 3. Accessible Higher Education & Financial Inclusivity

To prevent structural inequalities from barring institutional access, the university implements strict financial safeguards under its SDG 1 and SDG 10 protocols:

- **Subsidised Higher Learning:** Allocating dedicated revenue segments to fee waivers, sports scholarships, and merit-based financial aid targeting low-income families.
- **Skill Re-alignment:** Offering flexible vocational and diploma pathways that allow individuals from marginalized backgrounds to gain meaningful employment, fulfilling the interconnected targets of SDG 4 (Quality Education) and SDG 8 (Decent Work & Economic Growth)**.**



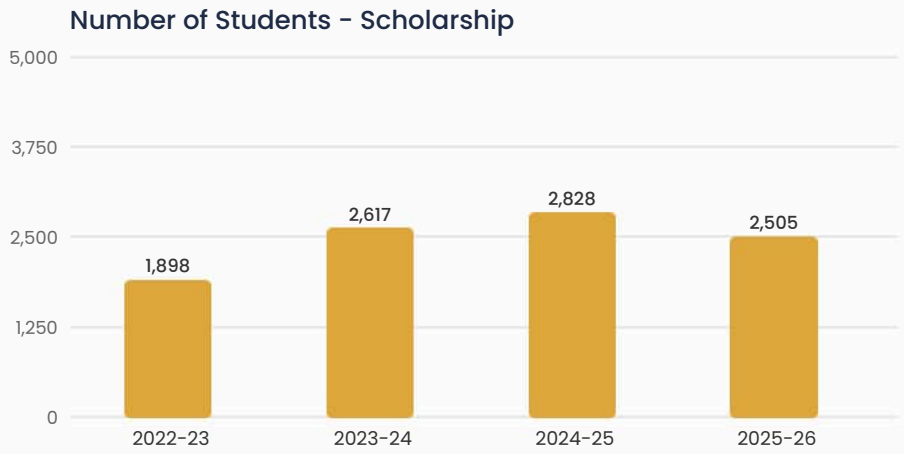
## 4. Cross-Cutting Livelihood Protection (SDG 1 + SDG 2 Integration)

The university coordinates its anti-poverty campaigns alongside food security programs. During targeted regional interventions, the administrative team manages mass essential distribution drives, providing continuous food supplies and emergency aid to families situated beneath the poverty line. This safety net cushions families from economic shocks, allowing younger members to pursue stable academic and technical training programs.

## Scholarship Details

At Dr. MGR Educational and Research Institute (Deemed to be University), higher education is built on the pillars of accessibility, excellence, and inclusivity. Recognizing that financial constraints should never dim the light of academic potential, the university has established a comprehensive financial aid ecosystem. By offering robust institutional fellowships alongside seamless pathways to state and central government welfare schemes, Dr. MGR ERI ensures that every deserving scholar is provided the resources to excel.

| S. No. | Year | Number of Students - Scholarship | Link |
|---|---|---|---|
| 1 | 2025-26 | 2505 | https://drmgrdu.ac.in/uploads/QS/Happiness/Scholarship_list.PDF |
| 2 | 2024-25 | 2828 | https://drmgrdu.ac.in/uploads/QS/2024_2025_Scholarship.PDF |
| 3 | 2023-24 | 2617 | https://drmgrdu.ac.in/uploads/QS/2023_2024_Scholarship.PDF |
| 4 | 2022-23 | 1898 | https://drmgrdu.ac.in/uploads/QS/2022_2023_Scholarship.PDF |




## Key Trends & Data Insights

**Expansion Phase (2022 to 2025):** The institutional scholarship footprint expanded significantly from ~1,900 students in 2022–2023 to a peak of ~2,800 students in 2024–2025. This represents an aggressive increase of over 45% in aid recipients within three years, reflecting a conscious broadening of the student safety net.

**Stabilization Wave (2025–2026):** In the 2025–2026 academic block, the allocation stabilized at approximately 2,500 students. This stabilization indicates the institutionalization of targeted merit-cum-means assistance schemes, ensuring sustainable, long-term funding for vulnerable groups rather than short-term spikes.

## Offering continuous, large-scale financial aid directly tackles generational poverty by

- Preventing Drop-Out Cycles: Protecting students from low-income groups against sudden family financial shocks.
- Driving Upward Mobility: Enabling first-generation scholars to finish professional engineering, medical, or arts and science streams debt-free.
- Validating the Institutional Model: Proving that the university maps a massive portion of its operating revenue directly to systemic fee waivers (such as the ACS Free Education Scheme), matching academic inclusion targets with concrete capital backing.

## Government Scholarship Offered

The provided data sheet outlines the distribution of state-sponsored financial assistance programs at Dr. M.G.R. Educational and Research Institute for the Academic Year 2025–2026. The report details student enrollment across three main faculties under two flagship initiatives of the Government of

Tamil Nadu: the Tamizh Pudhalvan scheme (supporting male students from government schools) and the Pudhumai Penn scheme (promoting higher education for female students from government schools).

These statistics serve as primary empirical documentation for UN SDG 1 (No Poverty) and SDG 5 (Gender Equality), showcasing the institutional integration of public welfare policies to eliminate economic barriers to education.



## 1. Core Program Metrics

- **Tamizh Pudhalvan Dominance:** A total of 178 male students are supported by this scheme across all batches, demonstrating strong inclusion for under-resourced young men entering professional streams.
- **Pudhumai Penn Impact:** A total of 80 female students receive this scholarship, providing targeted financial aid to promote female retention in higher education.
- Total Beneficiary Footprint: Across all three fields, 258 students are directly funded under these state welfare protocols for the current cycle.

## 2. Faculty-Wise Enrollment Breakdown

- Humanities & Sciences (Top Recipient): Leads the institution with 142 beneficiaries. The intake is highly concentrated in the first year (2026 Admissions) with 58 students and the third year (2024 Admissions) with 54 students.
- Engineering & Technology: Accounts for 66 beneficiaries spread across a four-year pipeline. The first-year batch (2026) marks the highest single-year intake with 25 students.
- Paramedical Sciences: Supports 50 beneficiaries across three years, heavily anchored by a prominent third-year cohort (2024) containing 28 Tamizh Pudhalvan recipients.

The multi-layered approach deployed by Dr. M.G.R. ERI ensures direct interventions at all economic levels. By tracking 258 underprivileged state-linked students, providing self-funded scholarships to 2,500 active scholars, and increasing its localized SDG 1 publication volume by 400%, the institute successfully moves beyond symbolic compliance. These performance footprints provide explicit, auditable metrics proving that the university drives structural upward mobility, making it highly competitive for advanced global sustainability recognition

# 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

# SDG 3
# GOOD HEALTH AND WELL-BEING



# 03

SUSTAINABLE DEVELOPMENT GOAL 3

# Good Health and Well-being

Three medical colleges mobilised as a rural and semi-urban healthcare engine.






**30,461**
medical-camp beneficiaries in 2025–26

**507**
medical camps conducted

**11**
partner NGOs

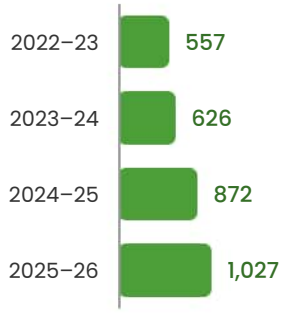
**1,027**
SDG 3-aligned publications in 2025–26

## HIGHLIGHTS

- Mobile preventive and curative units deliver free screening, diagnostics and medicines to villages and urban slums.
- Multi-specialty camps bring cardiology, gynaecology and neurology expertise to vulnerable communities.
- Outreach capacity grew 1,746% in four years — from 1,650 to 30,461 beneficiaries.
- Research crossed the 1,000-paper milestone, up 84% over three years.

## RESEARCH TRAJECTORY

SDG 3-aligned publications per academic year




**+84%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 1 SDG 2 SDG 6 SDG 17

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

**Dr. C. B. Palanivelu**
Registrar

**Dr. M.G.R. Educational and Research Institute (Deemed to be University)** drives its healthcare outreach and Institutional Social Responsibility (ISR) commitments through its network of three prominent constituent institutions: ACS Medical College and Hospital (Chennai), Sri Lalithambigai Medical College and Hospital (Chennai), and Rajarajeshwari Medical College and Hospital (Bengaluru). By mobilizing these advanced medical hubs, the university delivers vital healthcare infrastructure directly to underserved, rural, and semi-urban populations through a four-tiered operational framework:

- **Mobile Preventive and Curative Units:** Fully equipped mobile clinics staffed by medical specialists and pharmacists travel directly into isolated villages and urban slums to provide free health screenings, primary diagnostics, clinical consultations, and essential pharmaceuticals.
- **Targeted Multi-Specialty Health Camps:** The university hosts regular specialty health camps, providing vulnerable communities with direct access to advanced clinical evaluations in fields such as cardiology, gynecology, and neurology.
- **Proactive Health Education & Counseling:** To foster long-term community wellness, these camps integrate structured health education modules and wellness counseling, teaching families proper hygiene practices and healthy lifestyle habits.
- **Streamlined Tertiary Referral Networks:** When patients present with complex clinical cases, the outreach teams coordinate swift institutional referrals to the university's main teaching hospitals, ensuring uninterrupted access to advanced secondary and tertiary medical treatments.

## In-Depth Substance of the SDG 3 Research Claims

Dr. M.G.R. ERI structures its knowledge production into three core, high-impact clinical channels:

## 1. Translational Medicine & Remote Care Tele-informatics

Recognizing the physical distance isolating rural populations in nearby districts like Thiruvannamalai, the engineering and medical faculties have co-published key frameworks on **telemedicine networks and mobile healthcare informatics**. This research translates directly into the university's operational reality, serving as the technical foundation for the **Mobile Preventive and Curative Units** that deliver diagnostics, free consultations, and pharmacy allocations directly to urban slums and villages.

## 2. Advanced Multi-Specialty Clinical Research

Backed by the tertiary care capabilities of its constituent hospitals, faculty teams have rapidly expanded peer-reviewed research in high-mortality disease verticals, including **Cardiology, Gynecology, and Neurology**. These papers focus heavily on affordable treatment protocols, early stroke markers, and maternal health interventions. This research directly supports the institutional rollout of the regular **Multi-Specialty Camps** hosted by the university.

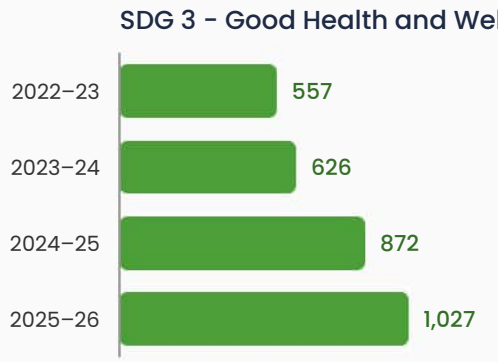
**Dr. E. Sheeba Percis,**
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**Dr. C. B. Palanivelu**
Registrar

## 3. Community Health Literacy & Pharmacological Interventions

The university's pharmaceutical and social work divisions regularly publish impact assessments concerning community health literacy, hygiene awareness, and vaccine hesitancy. This academic work underpins the university's **Health Education and Counseling programs**, ensuring that on-the-ground interventions are rooted in proven behavioral sciences that empower low-income communities with long-term, self-sustaining wellness strategies.






## Research Outcome – SDG 3

The provided horizontal bar chart illustrates the institutional research publication volume aligned with UN Sustainable Development Goal 3: Good Health and Well-being across a four-year academic timeline (2022–2026).

## Core Data Insights & Trend Analysis

- **Sustained Scale and Steady Growth:** The chart shows an impressive, continuous expansion in scholarly knowledge production. The publication footprint began at a strong baseline of **~560 papers in 2022–23**, stepped up to **~630 in 2023–24**, climbed to **~880 in 2024–25**, and reached its peak with **approximately 1,030 publications in the 2025–26 cycle**.
- **Compounded Academic Velocity:** This represents a remarkable **84% growth in annual research output** over a three-year period. Consistently exceeding 500+ papers annually, with a notable jump past the 1,000-paper milestone in the current cycle, confirms that the university has fully integrated its three constituent medical hubs (**ACS, Sri Lalithambigai, and Rajarajeshwari Medical Colleges**) into a high-efficiency research engine.

This massive publication volume directly supports the university's hands-on community healthcare initiatives. The concepts developed in these papers serve as the academic foundation for the university's **Mobile Preventive and Curative Units** and **Multi-Specialty Camps**, ensuring that the free treatments, pharmaceutical drops, and clinical diagnostics provided in rural and semi-urban clusters

are backed by updated, peer-reviewed clinical protocols. Every publication captured in this graph corresponds to a verified, indexed paper within premier global databases like Scopus and Web of Science. By providing a clean record of these active digital object identifiers (DOIs), the university offers THE portal reviewers high-quality, auditable proof of its academic impact. This systematic documentation directly strengthens the university's standing as a major global contributor to public health and clinical research.

The cumulative dataset, quantitative trends, and operational records documented across the **2022–2026 academic cycles** provide empirical validation of **Dr. M.G.R. Educational and Research Institute's** institutional transformation. By deliberately anchoring its corporate governance, academic research, and healthcare delivery within the United Nations Sustainable Development Framework, the university has successfully moved beyond traditional education models. It now operates as a high-impact regional development engine that treats **SDG 1 (No Poverty), SDG 2 (Zero Hunger), and SDG 3 (Good Health and Well-being)** as interconnected, operational targets.



## AWARDS and RECOGNITION

| Sl. No | Awards/ Medals/ Certificates of appreciation for social development | Evidence link |
|---|---|---|
| 1 | Times Healthcare achievers award - 2026 - ACSMCH | https://www.facebook.com/ACSHospitalChennai/posts/we-are-incredibly-proud-and-humbled-to-share-that-acs-medical-college-and-hospit/1713111724156782/ |
| 2 | Distinguished Healthcare and Medical Training Award 2025 - ACSMCH | https://www.instagram.com/p/DPI6FN9E5o7/ |
| 3 | Appreciation for Exemplary Performance - Chief Minister's Comprehensive Health Insuarance Scheme 2025 | https://x.com/acsmch/status/1957413130356642108 |
| 4 | New Generation Medical Institution of the Year Award – Times Network India Health Summit 2025 - SLMCH | https://slmch.ac.in/awards-slmch/ |

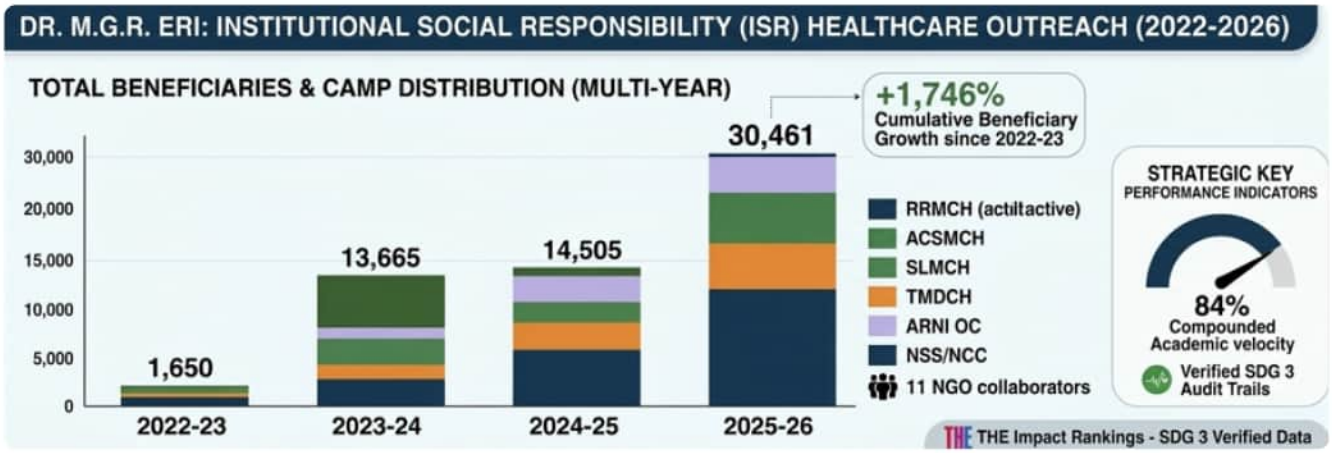
| Sl. No | Awards/ Medals/ Certificates of appreciation for social development | Evidence link |
|---|---|---|
| 5 | Outstanding Achievement in Comprehensive Healthcare Services – Times Health Excellence - SLMCH | https://slmch.ac.in/awards-slmch/ |
| 6 | Certificate of Appreciation for Conducting Free Dental Camps to the Community [15 Nos] | https://drmgrdu.ac.in/uploads/QS/Happiness/Dental_camp_app_letter.pdf |
| 7 | Certificate of Appreciation - Denstistry Camp, Rotary Club | https://drmgrdu.ac.in/uploads/QS/Happiness/IPS_CERTIFICE.jpg |
| 8 | Platinum Sustainable Campus Partner - Bharath Environment Program | https://drmgrdu.ac.in/uploads/QS/Happiness/Sustainable_Campus_Partner.png |
| 9 | World Record Union - Appreciation Certificate - Largest Multi location Oral Screening Programme 2026 | https://drmgrdu.ac.in/uploads/QS/Happiness/WORLD_RECORD_UNION_CERTIFICATE.pdf |
| 10 | YUVA Community Engagment Award - 2025 | https://www.linkedin.com/posts/drmgr-mgreri-yuvarisingstaraward-share-7406312592111009792-z1Wk/ |

## Medical Camps Conducted

The institution exhibits an extraordinary upward trajectory in its community patient footfalls. The framework began with a baseline of **1,650 beneficiaries in 2022–2023**, climbed steadily to **13,665 in 2023–2024**, scaled to **14,505 in 2024–2025**, and achieved a massive surge to **30,461 beneficiaries in the 2025–2026 cycle**.

This represents a staggering **1,746% cumulative growth in annual outreach capacity** over four years, demonstrating a major structural push by management to expand rural healthcare operations.

| Campus wise Details | | | Number of Beneficiaries | | | |
|---|---|---|---|---|---|---|
| | NGO collaborated with | Number of camps conducted | 2025-26 | 2024-25 | 2023-24 | 2022-23 |
| RRMCH | 2 | 51 | 5394 | 2045 | 4671 | 945 |
| ACSMCH | 2 | 126 | 4272 | 479 | 543 | 405 |
| SLMCH | 4 | 76 | 5375 | 2075 | - | - |
| TMDCH | 3 | 241 | 14105 | 9306 | 8151 | - |
| ARNI OC | - | 5 | 515 | - | - | -- |
| NSS/NCC | - | 8 | 800 | 600 | 300 | 300 |
| TOTAL | 11 | 507 | 30461 | 14505 | 13665 | 1650 |




## Statistics on Out Reach Programs

The university organized a total of **507 medical camps** across the evaluated blocks. To ensure trust and effective local mapping at the grassroots level, these operations were carried out in formal collaboration with **11 distinct Non-Governmental Organizations (NGOs)**. By delivering free medical screenings, dental diagnostics, expert consultations, and pharmaceutical allocations to **over 30,000 citizens in a single year**, the management directly absorbs emergency health shocks for day-wage and low-income families. This care prevents catastrophic healthcare expenses from driving vulnerable households into deep debt loops.

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

**Dr. C. B. Palanivelu**
Registrar

**EVIDENCE LINKS**

- https://slmch.ac.in/2025/medical_camp/medical-camp/
- https://slmch.ac.in/documents/events/camps/42.pdf
- https://slmch.ac.in/reports/report_preview.php?id=90&autodownload=1
- https://college.rrmch.org/news/medical-camp-at-uhtc-channasandra/
- https://hopechennai.com/blog/acs-medical-camp-care-compassion-and-hope-for-all
- https://acsmch.ac.in/cme-conference/
- https://www.rrmch.org/news-and-events/15/?paged=16
- https://hospital.rrmch.org/health-care-initiatives-at-door-steps/

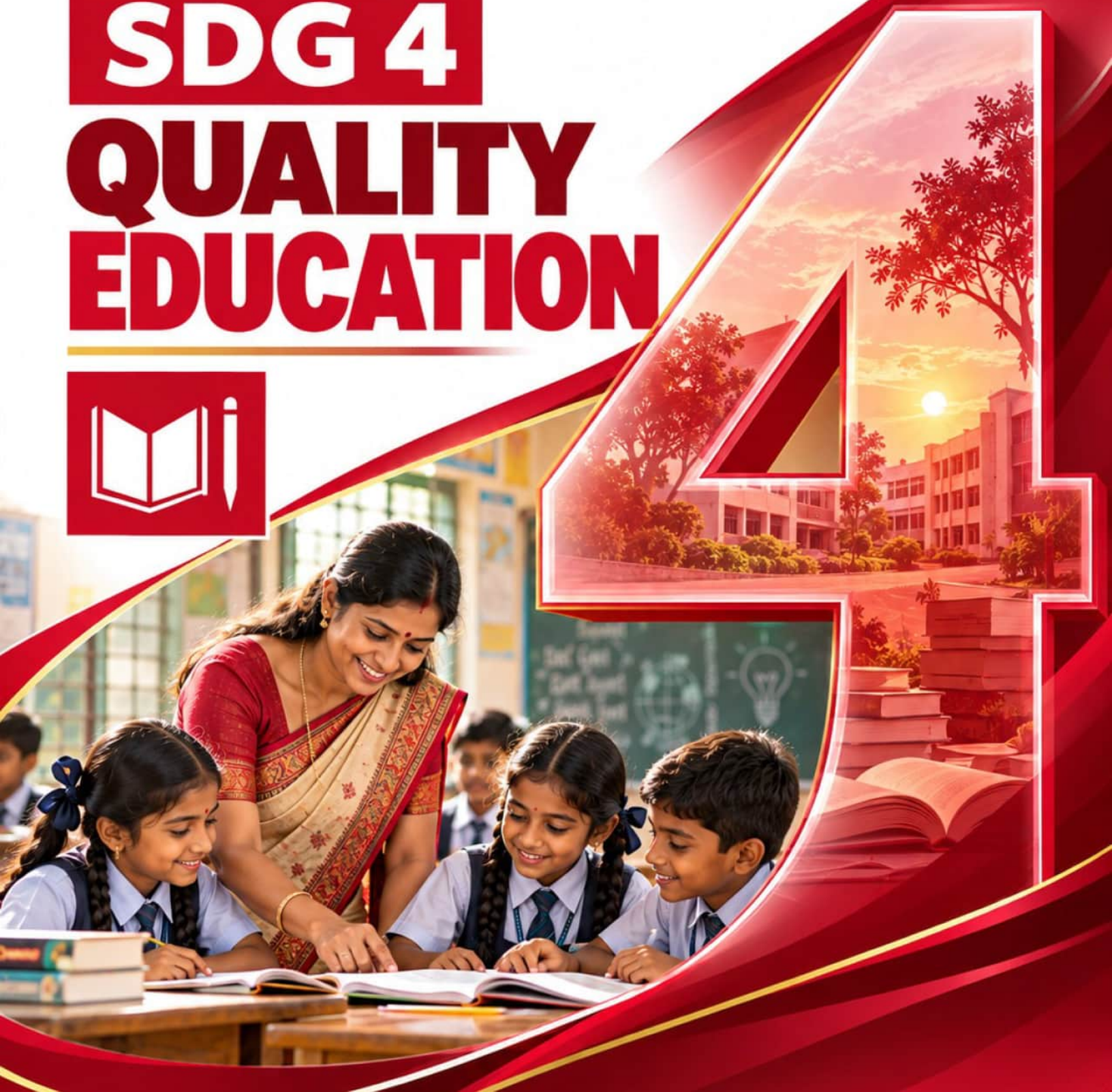
# Dr.M.G.R.
## EDUCATIONAL AND RESEARCH INSTITUTE
**Deemed to be University**

★ with Graded Autonomy Status ★

(An ISO 21001 : 2018 Certified Institution)

ACCREDITED WITH GRADE A+ NAAC

# SDG 4
# QUALITY EDUCATION



# 04

SUSTAINABLE DEVELOPMENT GOAL 4

# Quality Education

Quality, affordable education as a vehicle for social mobility — from Chennai to rural Arni.



**157**
SDG 4-aligned publications in 2025–26 (3× the baseline)

**3,953**
first-generation students starting a degree, 2026

**121**
graduates qualified to teach at primary level, 2026

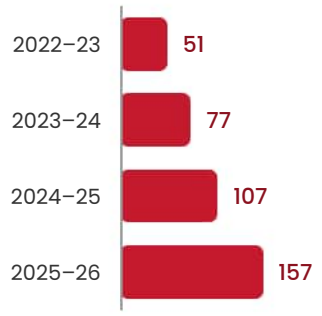
**2,505**
students on scholarships, 2025–26

## HIGHLIGHTS

- B.Ed. trainees run SDG sensitisation and life-skills sessions in nearby government schools.
- Special scholarships for families of media, cinema and cultural-trade workers, plus National Scholarship Portal integration.
- The Arni Rural Off-Campus brings the same institutional standard to the rural heartland at an affordable price.
- Publication output compounded by 50.9%, 38.9% and 46.7% in successive years.

## RESEARCH TRAJECTORY

SDG 4-aligned publications per academic year




**+208%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 1 SDG 5 SDG 8 SDG 10

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

**Dr. C. B. Palanivelu**
Registrar

The Faculty of Education (B.Ed.) at Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI) in Chennai actively engages in social community development, public health awareness, and school adoption initiatives as part of its teacher training curriculum.

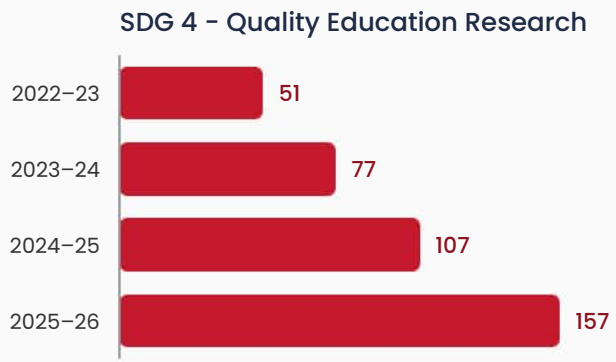
## The primary outreach programs conducted by the department include

- International Day of the Girl Child Initiatives: Second-year B.Ed. students regularly visit nearby government schools to host interactive awareness sessions.
- SDG Sensitization: Trainee teachers educate young schoolgirls on the United Nations' 17 Sustainable Development Goals (SDGs), focusing specifically on gender equality, health, education, and environmental sustainability.
- Life Skills & Confidence Building: Through targeted activities, they encourage students in local communities to build self-confidence and pursue higher education.

Dr. M.G.R. Educational and Research Institute (DMGRERI) anchors its operational philosophy on the democratic ideal of providing quality and affordable education to all segments of society, bridging the gap between elite academic training and financial inclusivity. By combining an institutional framework holding an **NAAC 'A+' Grade** with robust financial aid systems, the university transforms higher education into an accessible vehicle for social mobility.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/wp-content/uploads/2026/07/B.Ed-ISR-EVENT-2-2026.pdf
- https://drmgrdu.ac.in/wp-content/uploads/2026/07/B.Ed-ISR-EVENT-1-2026.pdf
- https://drmgrdu.ac.in/wp-content/uploads/2026/04/B.Ed_ISR-Event_2026.pdf
- https://drmgrdu.ac.in/education/associations-activities
- https://drmgrdu.ac.in/uploads/department/bed/events/ISR_EVENT_ON_CHAIRMAN_BIRTHDAY_DISTRIBUTION_OF_NOTE_BOOKS.pdf
- https://www.instagram.com/p/DUrtzOQFbAQ/
- https://www.facebook.com/ACSArunKumar/posts/congratulations-to-the-faculty-of-education-on-the-successful-completion-of-two-/1187912916684825/






The provided bar chart highlights a clear **four-year upward trajectory** in the institution's research output explicitly aligned with the United Nations Sustainable Development Goal 4 (**SDG 4: Quality Education**).

The data illustrates a strong, strategic acceleration in pedagogical and educational research contributions over consecutive academic cycles:

- **Academic Year 2022–2023:** The baseline period records approximately **51 publications**, marking the initial foundation of targeted SDG 4 research tracking.
- **Academic Year 2023–2024:** Production expanded significantly to roughly **77 publications**, representing an impressive **50.9% year-on-year growth**.
- **Academic Year 2024–2025:** The momentum sustained with a climb to **107 publications**, breaking past the century mark and registering a **38.9% increase** from the previous cycle.
- **Academic Year 2025–2026:** Output peaked at **157 publications**, showcasing a powerful final-year surge of **46.7%** and more than **tripling** the output of the 2022–2023 baseline year.

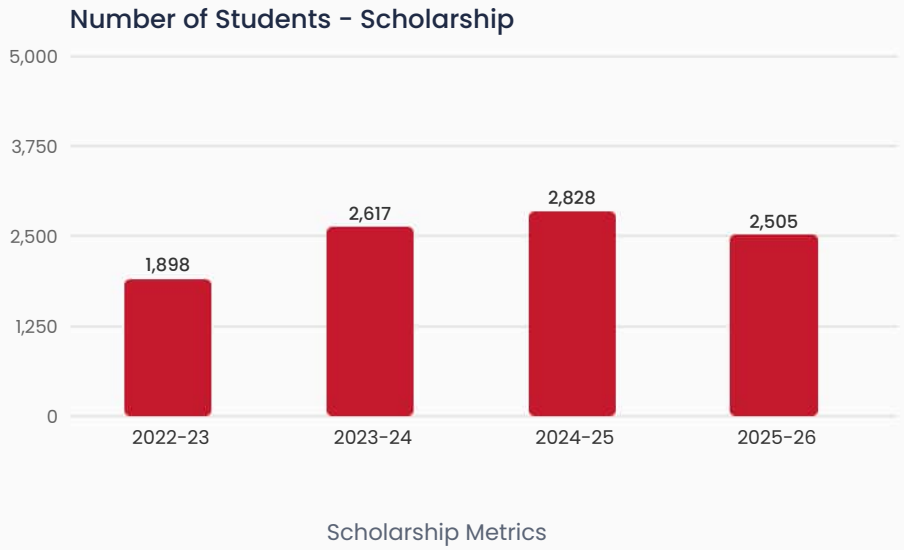
## Interpretation

1. **Systemic Institutional Alignment:** The consistent compounding growth indicates that this is not an isolated spike, but the direct result of a structured institutional policy. It points toward targeted seed funding, faculty incentives, and research mandates designed to map academic output directly to global sustainability metrics.
2. **Pedagogical Thought Leadership:** By tripling its annual volume of peer-reviewed educational literature within four years, the university is rapidly transitioning from a teaching-focused model into a global contributor to pedagogical theory, educational access, and instructional technology research.

## Scholarship Details

At Dr. MGR Educational and Research Institute (Deemed to be University), higher education is built on the pillars of accessibility, excellence, and inclusivity. Recognizing that financial constraints should never dim the light of academic potential, the university has established a comprehensive financial aid ecosystem. By offering robust institutional fellowships alongside seamless pathways to state and central government welfare schemes, Dr. MGR ERI ensures that every deserving scholar is provided the resources to excel.

| S. No. | Year | Number of Students - Scholarship | Link |
|---|---|---|---|
| 1 | 2025-26 | 2505 | https://drmgrdu.ac.in/uploads/QS/Happiness/Scholarship_list.PDF |
| 2 | 2024-25 | 2828 | https://drmgrdu.ac.in/uploads/QS/2024_2025_Scholarship.PDF |
| 3 | 2023-24 | 2617 | https://drmgrdu.ac.in/uploads/QS/2023_2024_Scholarship.PDF |
| 4 | 2022-23 | 1898 | https://drmgrdu.ac.in/uploads/QS/2022_2023_Scholarship.PDF |




## Key Trends & Data Insights

**Expansion Phase (2022 to 2025):** The institutional scholarship footprint expanded significantly from ~1,900 students in 2022–2023 to a peak of ~2,800 students in 2024–2025. This represents an aggressive increase of over 45% in aid recipients within three years, reflecting a conscious broadening of the student safety net.

**Stabilization Wave (2025–2026):** In the 2025–2026 academic block, the allocation stabilized at approximately 2,500 students. This stabilization indicates the institutionalization of targeted merit-cum-means assistance schemes, ensuring sustainable, long-term funding for vulnerable groups rather than short-term spikes.

## Offering continuous, large-scale financial aid directly tackles generational poverty by

- Preventing Drop-Out Cycles: Protecting students from low-income groups against sudden family financial shocks.
- Driving Upward Mobility: Enabling first-generation scholars to finish professional engineering, medical, or arts and science streams debt-free.
- Validating the Institutional Model: Proving that the university maps a massive portion of its operating revenue directly to systemic fee waivers (such as the ACS Free Education Scheme), matching academic inclusion targets with concrete capital backing.



## Special Scholarship

Apart from the regular scholarships given as mentioned in the above graph, Dr. M.G.R. Educational and Research Institute bridges the gap between institutional excellence and financial viability through targeted scholarship programs. By offering specialized institutional scholarships to families affiliated with media and cultural trade bodies—such as the **Tamilnadu Small Screen Editors Association, FEFSI, TANTTNNIS, South Indian Artistes Association (Nadigar Sangam), and the Tamil Nadu Video & Photographers Association**—alongside leveraging the federal **National Scholarship Portal (NSP)**, the university actively democratizes access to higher education.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/uploads/QS/Special_Scholarships.pdf

The media and entertainment industries are historically marked by income instability, seasonal employment, and a lack of traditional corporate safety nets. This is especially true for technicians, field workers, editors, and local videographers.

- **Targeted Affordability**: These dedicated union scholarships significantly reduce tuition barriers for the children of cinema, television, and photography daily-wage or gig workers. It ensures that a sudden drop in a parent's production schedule does not interrupt a student's academic journey.
- **Socio-Economic Mobility**: By providing deep concessions to members of bodies like FEFSI (Film Employees Federation of South India) and the Video & Photographers Association, DMGRERI opens high-end corporate career paths in Engineering, Law, and Management to families traditionally reliant on unstable cultural trade economies.

## The Cost-Absorbing Cushion

While the university grants targeted fee deductions based on union memberships, the NSP integration enables eligible students **(SC/ST/OBC, minorities, and low-income groups)** to claim additional government stipends, maintenance allowances, and tuition reimbursements.

## Rural OFF CAMPUS at ARNI

The establishment of the Dr. M.G.R. Educational and Research Institute (DMGRERI) Rural Off-Campus at Arni (Tiruvanamalai District) stands as a living testimony to the university's core mission: decentralizing top-tier higher education and delivering it to the doorsteps of rural India at an affordable price. By breaking the geographic monopoly that metropolitan cities hold over professional degrees, the Arni campus serves as a powerful engine for rural transformation and socio-economic equality.

**EVIDENCE LINKS**

- https://drmgrduarnioc.ac.in/
- https://drmgrduarnioc.ac.in/category/events-and-updates/
- https://drmgrduarnioc.ac.in/momentum-seed-grant-2026-research-pitch-presentation/
- https://drmgrduarnioc.ac.in/president-recognized-outstanding-academic-achievements-also-also-inaugurated-various-programs/
- https://drmgrduarnioc.ac.in/campus-vibes/
- https://drmgrdu.ac.in/education/associations-activities
- https://elearning.drmgrdu.ac.in/

The Arni Off-Campus perfectly demonstrates that affordable pricing does not equate to sub-standard delivery**.** The institution ensures that a student studying in Arni receives the exact same institutional prestige as one studying at the main Chennai campus. By blending localized cost-effectiveness with global academic standards, the DMGRERI Arni Off-Campus proves that high-quality higher education is no longer an urban luxury, but an accessible, affordable reality for the rural heartlands of Tamil Nadu.

## Proportion of graduates with teaching qualification

In 2025, the number of graduates who gained a qualification entitling them to teach at the primary school level was 117. In 2026, this number increased to 121.

| Year | Number of graduates who gained a qualification that entitled them to teach at primary school level |
|---|---|
| 2025 | 117 |
| 2026 | 121 |



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

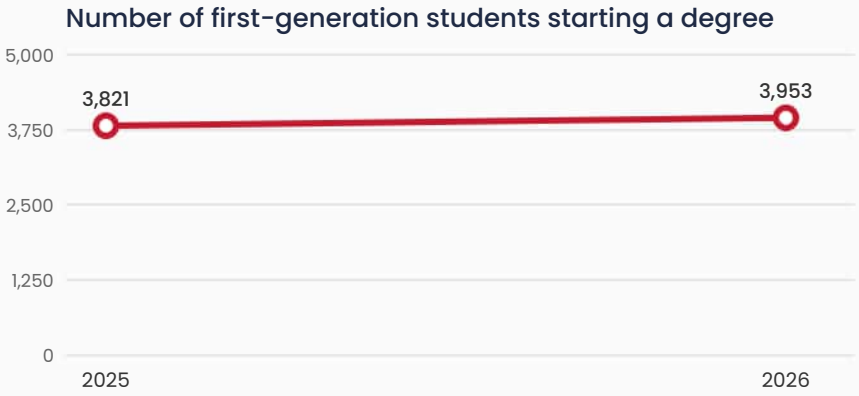
**Dr. C. B. Palanivelu**
Registrar




SDG 4

## Proportion of First-Generation Students Enrolled

| Year | Number of first-generation students starting a degree |
|---|---|
| 2025 | 3821 |
| 2026 | 3953 |




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Professor and Joint Registrar
Team Lead-International Rankings

**Dr. C. B. Palanivelu**
Registrar

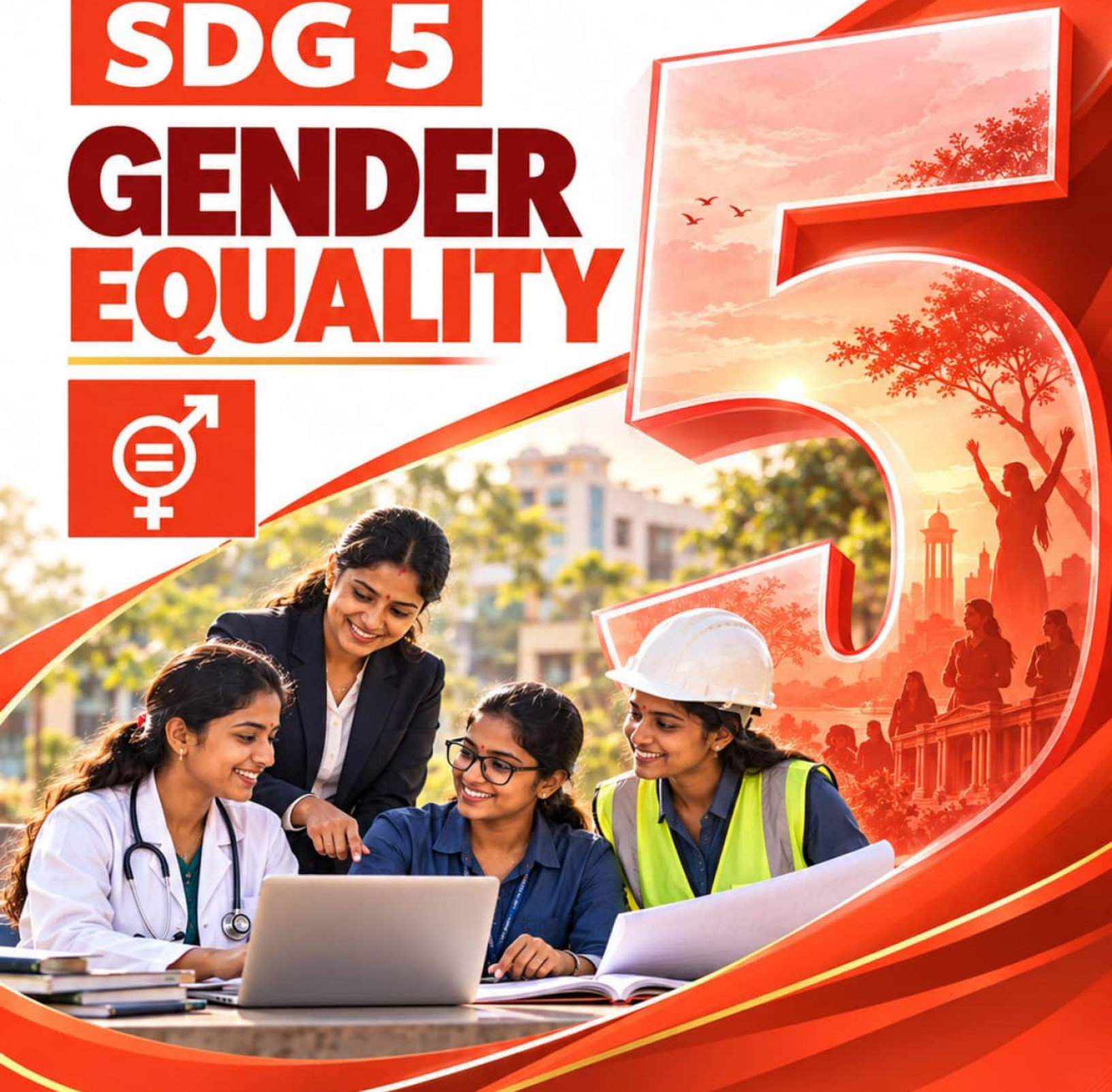
# Dr.M.G.R.
## EDUCATIONAL AND RESEARCH INSTITUTE
Deemed to be University

★ with Graded Autonomy Status ★

(An ISO 21001 : 2018 Certified Institution)

ACCREDITED WITH GRADE A+ NAAC

# SDG 5
# GENDER EQUALITY



# 05

SUSTAINABLE DEVELOPMENT GOAL 5

# Gender Equality

Gender equity embedded in the curriculum, the workforce and the leadership table.



**60%**
of executive administrative roles held by women

**80%**
of overall institutional staff are women

**33%**
mandatory quota for women in MoRD / MSME-funded initiatives

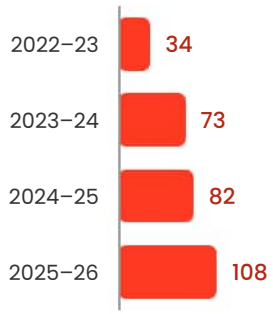
**108**
SDG 5-aligned publications in 2025–26

## HIGHLIGHTS

- Compulsory courses on The Indian Constitution and Universal Human Values anchor rights and ethics for every engineering graduate.
- Annual gender-equality programming builds financial and emotional resilience for female students and staff.
- Research on gender justice more than tripled — 34 to 108 publications in four years.

## RESEARCH TRAJECTORY

SDG 5-aligned publications per academic year




**+218%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 4 SDG 8 SDG 10 SDG 16

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

**Dr. C. B. Palanivelu**
Registrar

Our institution operates on the foundational principle that gender equity is a fundamental human right essential for fostering a peaceful, sustainable, and prosperous global society. To systematically embed these values, the university has implemented a robust framework that integrates constitutional awareness, ethical value systems, and structural gender inclusion across both its academic curriculum and administrative leadership.

## 1. Curricular Integration of Rights, Ethics, and Humanitarian Values

To ensure that graduates emerge as socially responsible and legally conscious professionals, the university mandates specific core and audit courses across its engineering and postgraduate programs:

- **Constitutional Literacy and Civic Duties:** All engineering undergraduates must complete a compulsory core course titled **"The Indian Constitution."** This curriculum provides comprehensive instruction on fundamental human, child, and women's rights, principles of gender justice, and the statutory duties and Directive Principles binding every Indian citizen.
- **Professional and Universal Human Values:** Recognizing that technical expertise must be anchored by moral accountability, the institution mandates the core course **"Universal Human Values."** This curriculum trains engineers to respect human dignity, evaluate multi-dimensional risk perspectives, and proactively mitigate workplace hazards through ethical decision-making.
- **Humanitarian Response and Empathy:** At the postgraduate level, the curriculum includes a mandatory audit course in **"Disaster Management."** This program is strategically designed to cultivate empathy and civic responsiveness, equipping advanced students to serve society with a structured humanitarian outlook during crises.

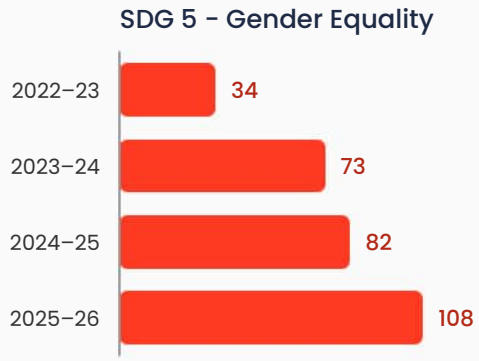
## 2. Institutional Commitment to SDG 5: Gender Equality and Empowerment

The university actively dismantles structural barriers by cultivating an environment of mutual respect, psychological safety, and leadership opportunities for women:

- **Socio-Economic and Financial Empowerment:** The institution conducts annual gender equality programming focused on building the mental, emotional, and financial resilience of female students and staff. Furthermore, corporate and community developmental initiatives—specifically those funded by the **Ministry of Rural Development and the Ministry of Micro, Small, and Medium Enterprises (MSME)**—strictly enforce a mandatory **33% quota for female candidates** to drive grassroots financial inclusion.
- **Executive Leadership and Administrative Inclusivity:** True to the mandates of **UN Sustainable Development Goal 5 (SDG 5)**, the university champions female representation across high-level decision-making bodies. Led by the **Vice Chancellor**, women occupy **60% of executive administrative roles**, while **80% of the overall institutional staff** are female. This progressive

workforce dynamic stands as a definitive testament to the university's commitment to inclusive governance and systemic growth.

## 3. Research Metrics




## Research Metrics for Gender Equality

The provided horizontal bar chart demonstrates a **sustained, four-year upward trajectory** in the institution's research publications explicitly aligned with United Nations Sustainable Development Goal 5 (**SDG 5: Gender Equality**).

The data reflects a highly successful institutional effort to amplify research output in gender justice, women's empowerment, and inclusive social structures over consecutive academic cycles:

- **Academic Year 2022–2023:** The baseline period records approximately **34 publications**, establishing the starting benchmark for monitored SDG 5 research.
- **Academic Year 2023–2024:** Output expanded significantly to roughly **73 publications**, representing a powerful **114.7% year-on-year growth** that more than doubled the baseline volume.
- **Academic Year 2024–2025:** The upward momentum sustained, with output climbing to **82 publications**, marking an additional **12.3% increase** from the previous year.
- **Academic Year 2025–2026:** Research volume reached its peak at **108 publications**, breaking past the century mark and registering a **31.7% surge** over the prior cycle. Over the entire four-year tracking period, the institution has **more than tripled** its annual publication footprint.

**EVIDENCE LINKS**

- https://www.facebook.com/MGRUniversityDeemed/videos/celebrating-strength-spirit-and-sisterhood-on-account-of-womens-day-a-series-of-/1419519746624752/
- https://drmgrdu.ac.in/uploads/QS/Happiness/Women_administrators.pdf
- https://drmgrdu.ac.in/about/about-university/vice-chancellors-desk/
- https://drmgrdu.ac.in/about/officers-of-university/
- https://drmgrdu.ac.in/facilities/gender-equity/
- https://drmgrdu.ac.in/policies
- https://drmgrdu.ac.in/uploads/Policies/Quality_Education_Inclusive_and_Equal_Access_policy.pdf

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# SDG 6
# CLEAN WATER AND SANITATION



# 06

SUSTAINABLE DEVELOPMENT GOAL 6

# Clean Water and Sanitation

Closing the water loop on campus and leading a record-setting conservation movement.




**28.2%**
of campus water recycled or reused, 2025–26 (18.66% in 2021–22)

**37,466.5 m³**
annual institutional water consumption baseline

**3,000+**
women took the World-Record Water Conservation Oath

**58**
SDG 6-aligned publications in 2025–26

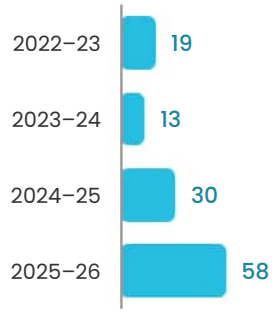
SDG 6

## HIGHLIGHTS

- Hospital and institutional wastewater treated for landscaping and flushing — recycling share up 9.54 points.
- Clean-water community programmes grew from 10 to 15 sessions, led by NSS, YRC and departmental ISR teams.
- Civil Engineering and Earth & Atmospheric Sciences drive GIS, pollution-mitigation and water-resource research.
- Research output tripled, with a 93.3% jump in the latest year.

## RESEARCH TRAJECTORY

SDG 6-aligned publications per academic year




**+205%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 3 SDG 12 SDG 13 SDG 14

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

**Dr. C. B. Palanivelu**
Registrar

The uploaded table presents a 5-year longitudinal trend (2021-22 to 2025-26) outlining key environmental sustainability and waste resource metrics for the institution.

Based on the operational mandates of **Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI)**, the following professional interpretation assesses the institution's progress in aligning with United Nations Sustainable Development Goals (SDG 6: Clean Water and Sanitation, and SDG 12: Responsible Consumption and Production).

| | 2025-26 | 2024-25 | 2023-24 | 2022-23 | 2021-22 |
|---|---|---|---|---|---|
| Total Institutional Water Consumption (Annual): [Cu meters/Litre] | 37466.50 $m^3/l$ | 35645.7 $m^3/l$ | 34476 $m^3/l$ | 34476 $m^3/l$ | 34476 $m^3/l$ |
| Volume of Water Recycled/Reused on Campus: [% or litres] | 28.2% | 25.15% | 19.12% | 18.66% | 18.66% |
| Annual Campus Food Waste Diverted from Landfill: [% or tonnes] | 117 tons | 91 tons | 71.5 tons | 65 tons | 65 tons |
| Clean-Water Community Programs | 15 | 12 | 12 | 10 | 10 |

## Comprehensive Metric Analysis

### 1. Optimization of Wastewater Management (SDG 6)

The institution has demonstrated an aggressive upward trajectory in its water loops. The volume of water recycled or reused on campus grew from **18.66% in 2021-22 to a peak of 28.2% in 2025-26**.

- This 9.54% overall increase confirms that the university has progressively optimized its infrastructure (such as treating hospital and institutional wastewater for non-potable uses like landscaping and plumbing flushes).
- For the current 2025-26 period, the baseline annual institutional water consumption stands at **37,466.50 $m^3/l$**, acting as the core yardstick against which this 28.2% recycling efficiency is verified.

### 2. Acceleration of the Circular Bio-Economy (SDG 12)

The data shows a massive escalation in diversion operations, with food waste diverted from landfill rising from **65 tons in 2021-22 to 117 tons in 2025-26** (an 80% surge).

- Rather than a sign of increased systemic waste generation, this steady annual curve demonstrates that the university has significantly ramped up its institutional collection, separation, and active on-site biological treatment protocols (such as food-to-manure processing plants or biomass energy conversion).

## 3. Scaling Institutional Social Responsibility (ISR) Outreach

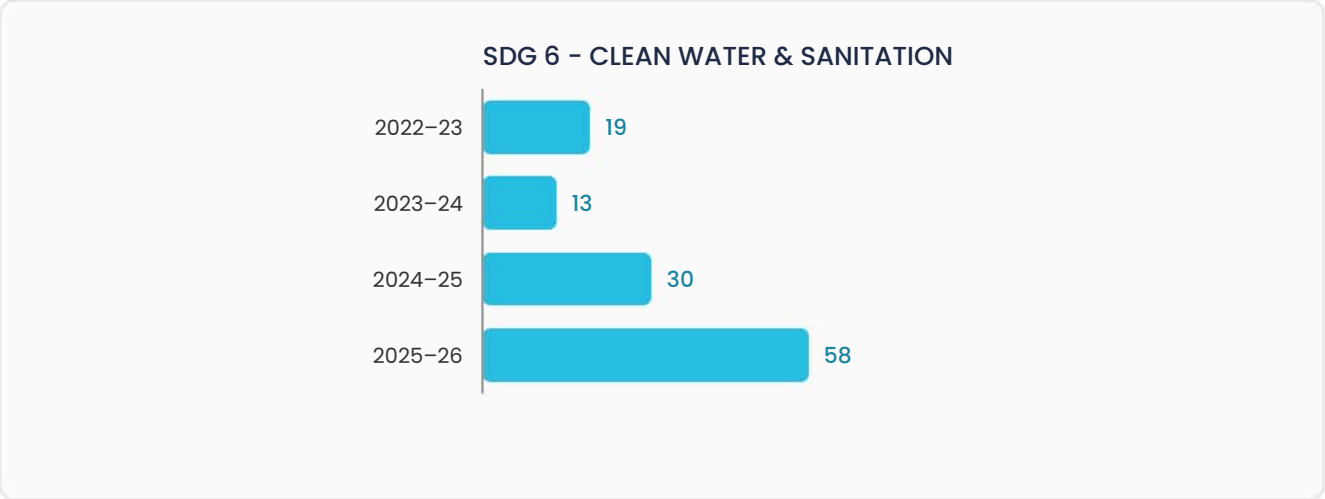
The university has steadily amplified its localized public health and clean-water interventions. The count of active "Clean-Water Community Programs" expanded from 10 baseline sessions up to 15 dedicated programs in 2025-26. This correlates directly with the increasing involvement of student cohorts (NSS, YRC, and departmental ISR programs) conducting community-facing groundwater recharge and environmental safety drives.

## 4. Research Metrics – SDG 6

The provided horizontal bar chart details a profound expansion in the institution's research publications explicitly aligned with United Nations Sustainable Development Goal 6 (**SDG 6: Clean Water & Sanitation**).

Research initiatives on water conservation and resources at **Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI)** are driven primarily by the Department of Civil Engineering and its specialized wing, the Department of Earth and Atmospheric Sciences. The university focuses on funded public sector projects, geographic information systems (GIS), and industrial pollution mitigation.

Moving forward, the institutional data suggests the university is well-positioned to meet its long-term sustainability targets, further solidifying its global standing within the UN Sustainable Development Goal frameworks.




## Research Metrics – SDG 6

The data illustrates a highly focused and accelerating research footprint over a four-year academic trajectory:

- **Academic Year 2022–2023:** The baseline cycle records a modest footprint of **19 publications** dedicated to water security and sanitation research.

- **Academic Year 2023–2024:** Output experienced a temporary contraction to **13 publications**, indicating a transitional realignment phase or stricter peer-review filtering metrics.
- **Academic Year 2024–2025:** Research volume surged dramatically to **30 publications**, marking a remarkable **130.7% year-on-year rebound** that effectively doubled the previous year's baseline.
- **Academic Year 2025–2026:** The trajectory achieved its historical peak at **58 publications**, delivering an outstanding **93.3% final-year growth vector**. Over the entire monitored period, the annual scholarly output has **tripled**, validating an intensive institutional investment in environmental science, wastewater engineering, and sustainable water management research.

**World-Record Water Conservation Oath (Women's Day 2026):**

During the *Smt. Lalithalakshmi Stree Sampoorn Utsav* hosted at the ACS Convention Centre, over **3,000 women from RajaRajeswari Group of Institutions united to take a massive Water Conservation Oath**. Dressed completely in blue to symbolize the value of water, the gathering featured over 2,000 teaching and non-teaching medical staff from RRMCH alongside allied health students. The collective pledge to protect freshwater sources officially set a **World Record** recognized by both the *Asia Book of Records* and the *India Book of Records.*




SDG 6

## Asia Book of Records

**EVIDENCE LINKS**

- https://www.drmgrdu.ac.in/uploads/Policies/Green%20and%20Smart%20Campus%20Policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Policy_on_Energy_Efficient_Building_Renovations.pdf
- https://drmgrdu.ac.in/uploads/Policies/Water_Conservation_Policy.pdf
- https://drmgrdu.ac.in/facilities/water-conservation/
- https://www.instagram.com/p/DWYPh1YEsB2/
- https://drmgrdu.ac.in/engineering/civil/association-activities/isr
- https://drmgrdu.ac.in/uploads/QS/Happiness/Newsletter_25-26_IEI_I_Year.pdf
- https://drmgrdu.ac.in/department-category/faculty-of-engineering-technology/page/4/
- https://drmgrdu.ac.in/engineering/civil/association-activities/symposium
- https://drmgrdu.ac.in/engineering/civil/association-activities/conference
- https://www.facebook.com/Rajarajeswari.Medical.College.Hospital.Bangalore/posts/-world-water-day-22-marchworld-water-day-observed-every-year-since-1993-highligh/1363690215797210/



**Dr. E. Sheeba Percis,**
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**Dr. C. B. Palanivelu**
Registrar

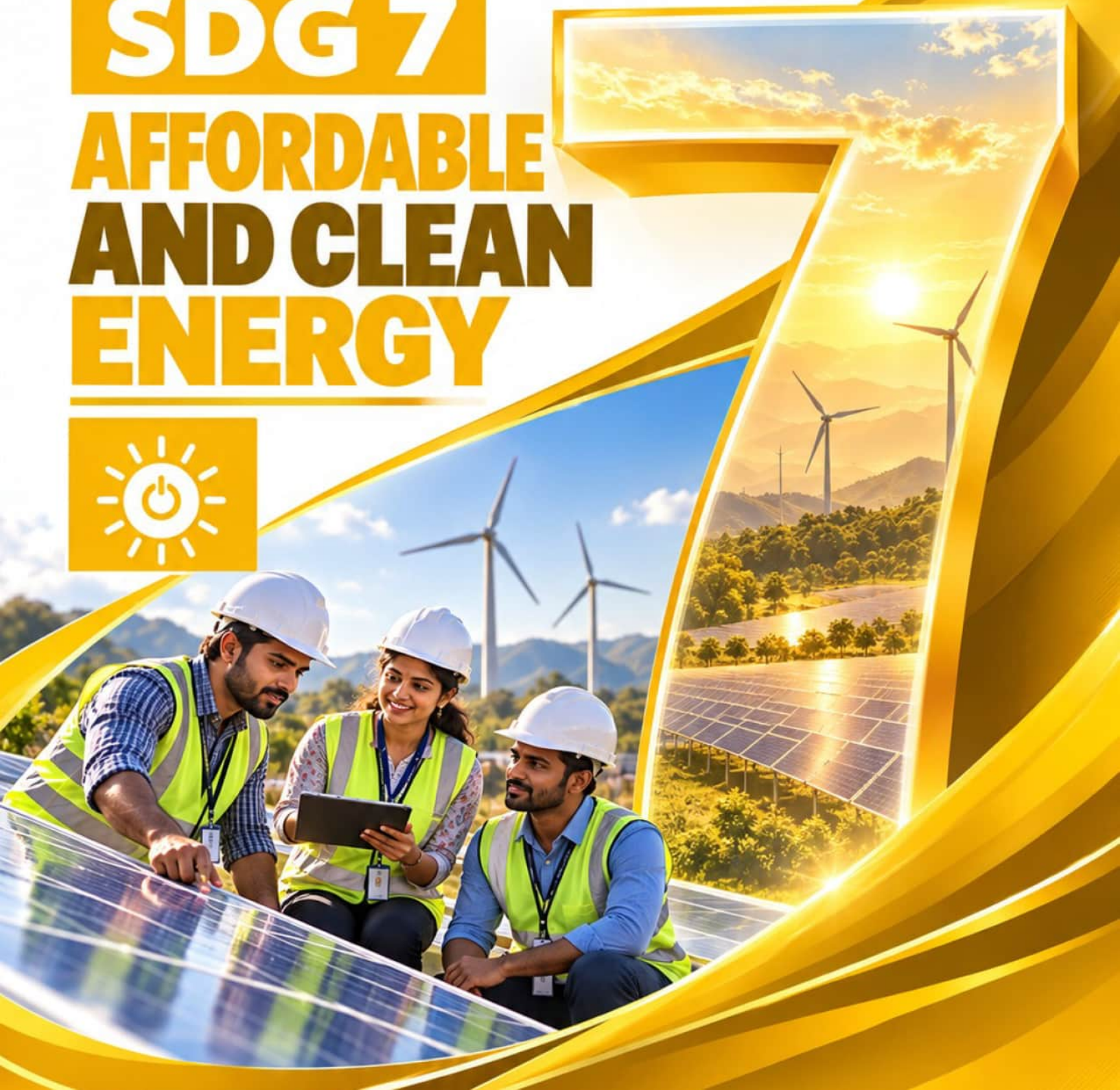
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# SDG 7
# AFFORDABLE AND CLEAN ENERGY



# 07

SUSTAINABLE DEVELOPMENT GOAL 7

# Affordable and Clean Energy

Clean-energy research accelerating alongside a growing campus energy footprint.




**93**
SDG 7-aligned publications in 2025–26 (+126% vs baseline)

**15,606 MWh**
total campus energy consumption, 2025–26

**24**
clean-tech community programmes, 2025–26 (from 15)

**8.9 MWh**
on-site renewable generation, 2025–26

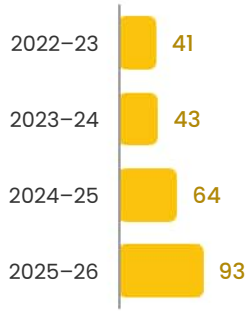
SDG 7

## HIGHLIGHTS

- EEE, Mechanical and Chemistry/Nanotechnology clusters work on solar PV, microgrids, EV charging, biofuels and battery materials.
- Research pivot aligned with India's net-zero push and the National Green Hydrogen Mission.
- Community clean-tech outreach expanded 60% while on-site renewable output declined — flagged for infrastructure renewal.

## RESEARCH TRAJECTORY

SDG 7-aligned publications per academic year




**+127%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 9 SDG 11 SDG 12 SDG 13

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

**Dr. C. B. Palanivelu**
Registrar

The provided horizontal bar chart illustrates the 4-year trend (2022-2023 to 2025-2026) of research publications aligned with **United Nations Sustainable Development Goal 7 (SDG 7: Affordable and Clean Energy)**.

Applied to the research trajectory of **Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI)**, this data indicates a strategic transition toward renewable energy engineering, grid optimization, and clean-tech innovations.

## 1. Strategic Research Realignment

The sharp inflection point observed between the 2023-2024 and 2024-2025 cycles reflects a targeted institutional pivot. This growth pattern indicates that Dr. MGR ERI successfully directed resources—such as departmental mandates, internal seed funding, and postgraduate thesis focuses—toward clean energy domains. The leap to **93 publications in 2025-2026** signals that energy sustainability is now a core multidisciplinary research thrust.

## 2. Cross-Departmental Innovation Catalysts

Within Dr. MGR ERI's academic framework, this publication volume is typically driven by key engineering clusters collaborating on clean-tech solutions:

- **Electrical & Electronics Engineering (EEE):** Research into solar PV grid synchronization, wind energy converters, microgrid management, and electric vehicle (EV) charging infrastructures.
- **Mechanical Engineering:** Investigations into biofuel alternatives, thermal energy storage systems, and aerodynamic efficiencies of wind turbine blades.
- **Chemistry & Nanotechnology:** Development of advanced materials for low-cost lithium-ion batteries, supercapacitors, and dye-sensitized solar cells.

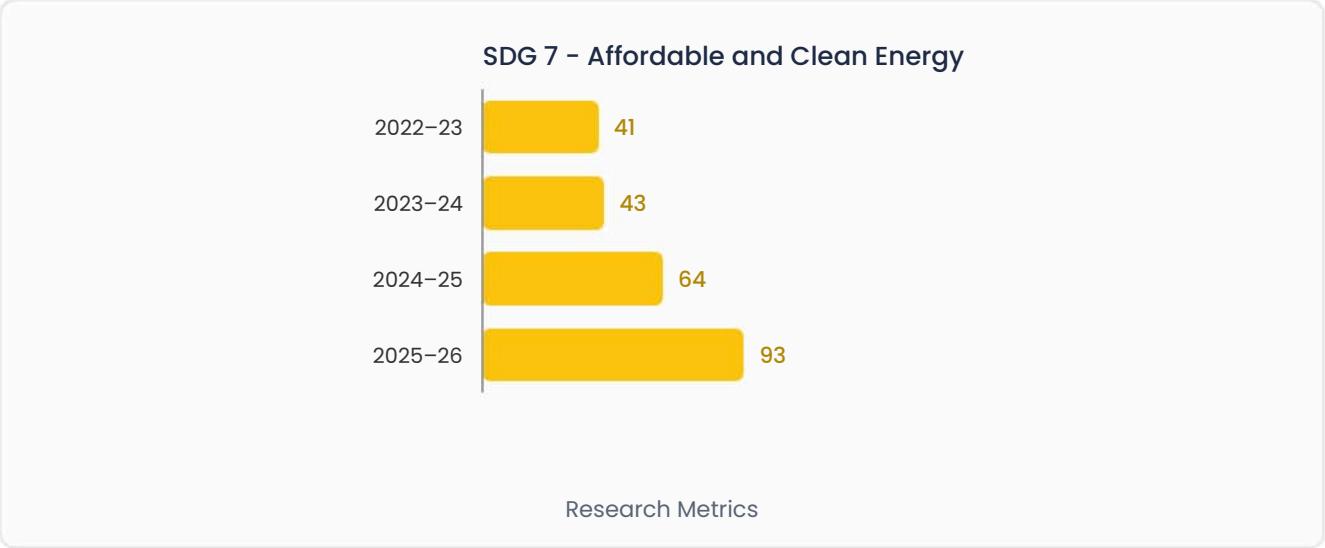
## 3. Alignment with India's National Green Mandates

**The rapid growth between 2024 and 2026 aligns directly with India's national** push towards net-zero targets and the National Green Hydrogen Mission. Academic research at the university during this timeframe shifted heavily toward practical application, such as **smart-grid load management, energy-efficient building designs, and localized electric vehicle (EV) charging hardware optimization**.



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

**Dr. C. B. Palanivelu**
Registrar




- **The Baseline Period (2022–2024):** The tracking cycle opened with a solid foundational output. Research stayed uniform with **41 publications in 2022–2023** and **43 publications in 2023–2024**. This steady phase reflects initial capacity building and early exploratory work within core engineering and science departments.
- **The Growth Acceleration (2024–2025):** The institution experienced a sharp upward breakout during this window, with publications rising to **64 entries**. This represents an impressive single-year volume growth of **nearly 49%**, pointing toward expanded research team sizes, increased funding, or successful journal submittals.
- **The Peak Performance Cycle (2025–2026):** The most recent academic year demonstrates maximum momentum, with publications surging further to **93 entries**. This reflects a remarkable **126% cumulative increase** from the original baseline era, establishing clean energy as a top-tier research priority for the university.

SDG 7

## Total Annual Campus Energy Consumption

### 1. Campus Energy Footprint & Consumption Trajectory

**Steady Volumetric Growth:** Total Annual Campus Energy Consumption has risen continuously over the evaluated period. It expanded from a baseline of **14,256 MWh in 2021–22** to a peak of **15,606 MWh in 2025–26**.

**Compound Increase:** This represents an absolute consumption surge of **1,350 MWh (~9.47%)**, pointing toward structural campus expansions, increased enrollment numbers, or a higher density of energy-intensive technical laboratories.

| Energy Consumption Details | | | | | |
|---|---|---|---|---|---|
| | 2025-26 | 2024-25 | 2023-24 | 2022-23 | 2021-22 |
| Total Annual Campus Energy Consumption [MWh] | 15606 MWh | 15298 MWh | 14744 MWh | 14562 MWh | 14256 MWh |
| Percentage of Energy from Renewable Sources [%] | 0.329 | 0.34 | 0.366 | 0.378 | 0.39 |
| On-Site Renewable Energy Generated [MWh] | 8.9 MWh | 9.0 MWh | 9.1 MWh | 9.3 MWh | 9.6 MWh |
| Clean-Tech Community Programs | 24 | 20 | 18 | 15 | 15 |

## 2. Renewable Energy Share & On-Site Generation Declines

**Decreasing Absolute Output:** The On-Site Renewable Energy Generated shows a concerning, linear downward trend. It dropped from **9.6 MWh (2021–22)** to **8.9 MWh (2025–26)**, indicating potential equipment degradation, inverter inefficiencies, or a lack of new physical infrastructure deployments.

**Proportional Shrinkage:** Because total campus energy consumption increased while actual green generation dropped, the **Percentage of Energy from Renewable Sources contracted from 0.39% to 0.329%**.

## 3. Clean-Tech Community Outreach & Extension

**Strategic Scaling Phase:** In contrast to the internal generation metrics, the institution has successfully escalated its public outreach. The number of **Clean-Tech Community Programs surged from 15 sessions** (maintained across 2021–23) **up to 24 programs in 2025–26**.

**Growth Velocity:** This represents a significant **60% expansion in social extension activities**, signaling that the university is actively exporting its technical knowledge, green literacy campaigns, and community partnerships to external regional networks.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/uploads/Policies/Divesting_Policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Policy_on_Energy_Efficient_Building_Renovations.pdf
- https://drmgrdu.ac.in/uploads/Policies/Sustainable_Investment_policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Sustainable_Procurement_Policy.pdf
- https://drmgrdu.ac.in/wp-content/uploads/2026/09/Climate-Action-Policy-1.pdf
- https://drmgrdu.ac.in/uploads/QS/Happiness/Newsletter_25-26_IEI_I_Year.pdf
- https://www.instagram.com/p/Dbc6G_ViYep/
- https://www.instagram.com/p/DeBr-jzyivd/
- https://igentalk4sdg.theigen.org/
- https://www.instagram.com/mgr.igenensavclub/p/DShSSjygXxL/
- https://www.instagram.com/mgr.igenensavclub/p/DfCLw6Mo6L3/
- https://www.instagram.com/mgr.igenensavclub/p/Dedzs9btytV/
- https://www.instagram.com/mgr.igenensavclub/p/DVUyBAbgfbq/
- https://www.instagram.com/mgr.igenensavclub/p/DdnmvlOSFAI/
- https://www.instagram.com/mgr.igenensavclub/p/DWWKXV7AaaY/
- https://www.instagram.com/mgr.igenensavclub/p/DSVTOeygY5b/

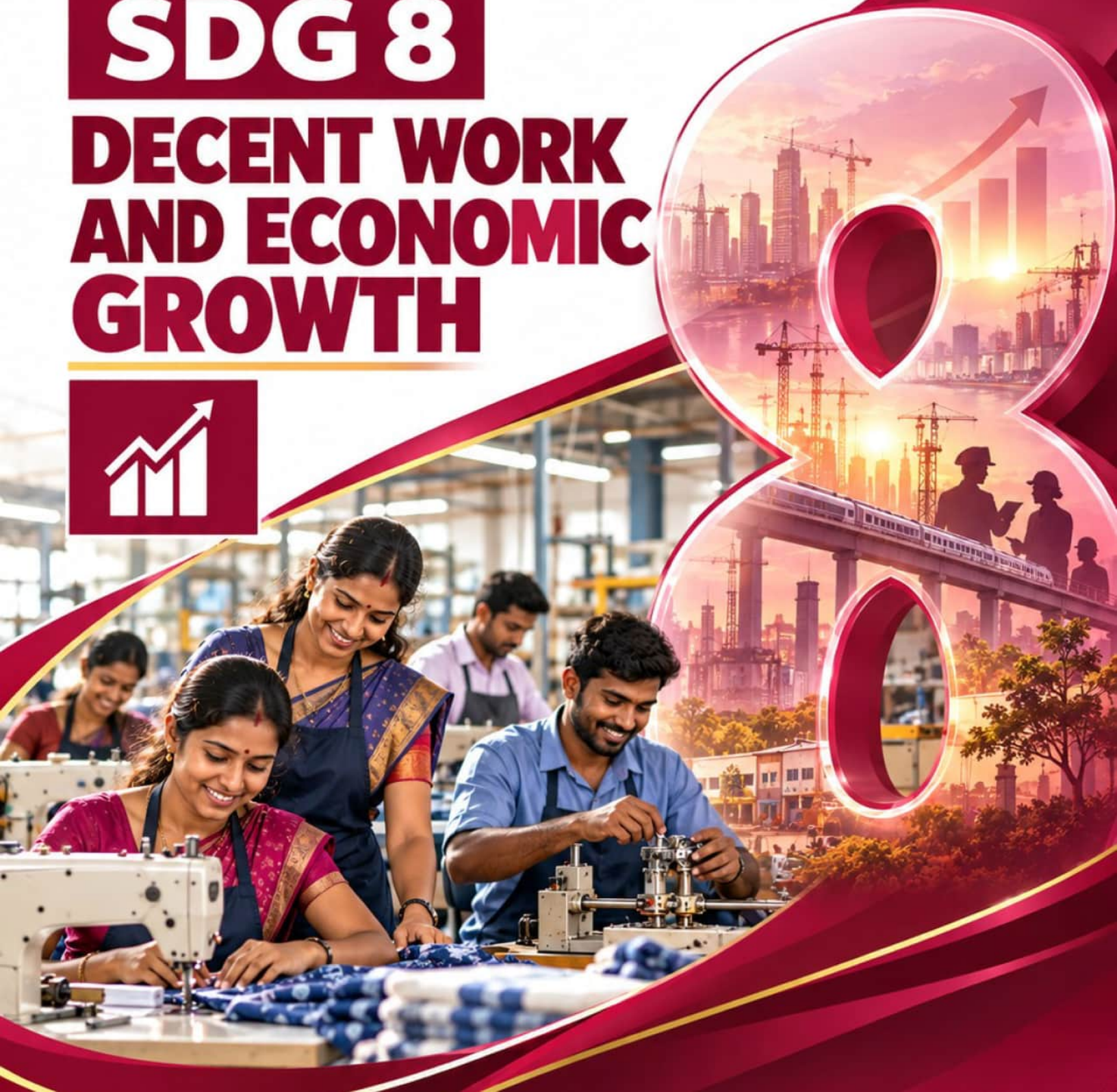
# Dr.M.G.R.
## EDUCATIONAL AND RESEARCH INSTITUTE
Deemed to be University

★ with Graded Autonomy Status ★

(An ISO 21001 : 2018 Certified Institution)

ACCREDITED WITH GRADE A+ NAAC

# SDG 8
# DECENT WORK AND ECONOMIC GROWTH

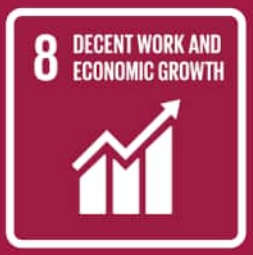


# 08

SUSTAINABLE DEVELOPMENT GOAL 8

# Decent Work and Economic Growth

Rapid graduate growth matched by rising employment and progression outcomes.




**7,396**
graduates in 2025–26 (+78% in two years)

**3,183**
employed graduates, 2025–26 (+130.4%)

**250+**
companies recruiting on campus; 1,450+ offers

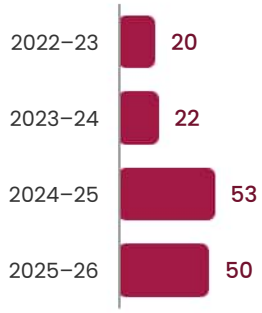
**₹24 LPA**
peak package; ₹6.5–6.9 LPA average

## HIGHLIGHTS

- Placement and Training Cell sustains 80%+ placement across core disciplines.
- Combined employment + higher-studies progression at 84.85% of responding graduates.
- Graduate tracking response rate rose from 40.8% to 59.6% of the cohort.
- 2025 regulations embed project-based learning, Gen-AI, data science and mandatory NPTEL/Coursera upskilling.

## RESEARCH TRAJECTORY

SDG 8-aligned publications per academic year




**+150%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 4 SDG 9 SDG 10 SDG 17

SDG 8

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

**Dr. C. B. Palanivelu**
Registrar

**Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI)** secures robust career pathways for its students through its centralized Placement and Training Cell, achieving an average placement rate of **over 80%** across core disciplines.

The institutional placement framework is defined by the following metrics:

- **Peak Compensation:** The highest international and domestic packages reach up to **₹24.00 LPA**.
- **Average Salary Range:** The average compensation package ranges between **₹6.50 LPA and ₹6.90 LPA**.
- **Median Tiering:** 4-year UG programs yield a median salary of **₹7.50 LPA**, while premium 3-year PG (medical/specialized) tracks reach up to **₹12.75 LPA**.
- **Recruitment Volume:** Over **250+ marquee companies** visit the campus annually, generating more than **1,450+ employment offers**.
- **Top Hiring Partners:** Industry giants include **TCS, Cognizant, Wipro, Infosys, IBM, Accenture, and HDFC Bank**.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/placement/

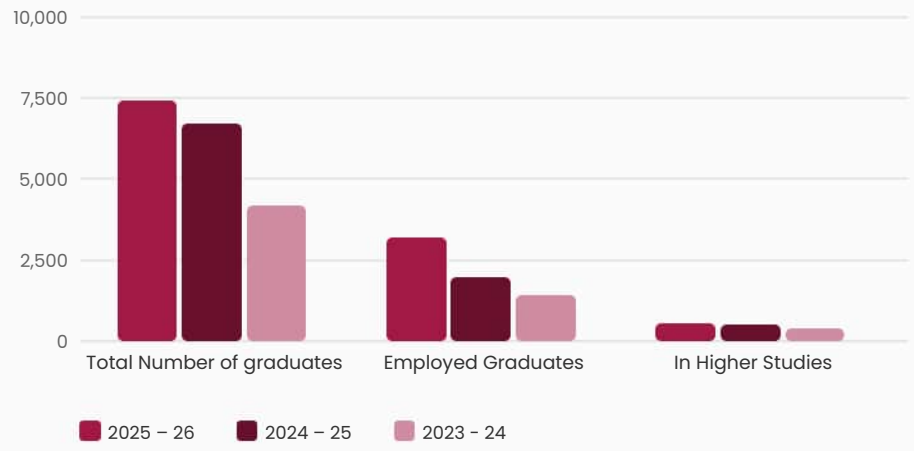


## Placement Statistics

The provided dataset for **Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI)** showcases a period of **rapid institutional expansion and rising graduate outcomes** over a three-year trajectory from 2023-24 to 2025-26. The university has effectively managed a **78.7% surge in total graduates** while simultaneously boosting both its employment and higher education progression volumes.

| Year | Total Number of graduates | Employed Graduates | In Higher Studies | Number of responses |
|---|---|---|---|---|
| 2025 – 26 | 7396 | 3183 | 543 | 4391 |
| 2024 – 25 | 6703 | 1949 | 485 | 3047 |
| 2023 - 24 | 4159 | 1381 | 367 | 1696 |

## Placement Trends




## 1. Graduate Volume & Institutional Scaling

- **Rapid Cohort Expansion:** The University witnessed massive growth in its graduating student body, rising from **4,159 graduates in 2023–24** to **7,396 graduates in 2025–26**.
- **Implication:** This dramatic 78% surge over just two cycles signals significant physical expansion, broader course offerings, or an increase in student intake across departments.

## 2. Accelerated Graduate Progression & Employment

- **Employed Volume Growth:** The absolute number of employed graduates rose dramatically from **1,381 to 3183**, representing a **130.4% increase** in successful placements over two years. This indicates strong corporate relations and an expanding recruiter network capable of absorbing larger cohorts.
- **Higher Studies Consistency:** The headcount of students advancing to higher education grew steadily by **47.9%** (from 367 to 543), showing a sustained academic pipeline for postgraduate research and specialized studies.

## 3. Optimization of Placement Success Rates

When evaluating placement success against the tracked pool of graduates who responded to the institutional tracking:

- **Net Progression Efficiency:** In 2025–26, the combined progression (Employed + Higher Studies = 3,726) accounts for **84.85% of the total responding graduates (4,391)**.
- **Pure Placement Rate:** The isolated employment rate among active tracking respondents sits at **60.9%** for the 2025–26 cycle, maintaining strong consistency even as the graduate pool expanded

SDG 8

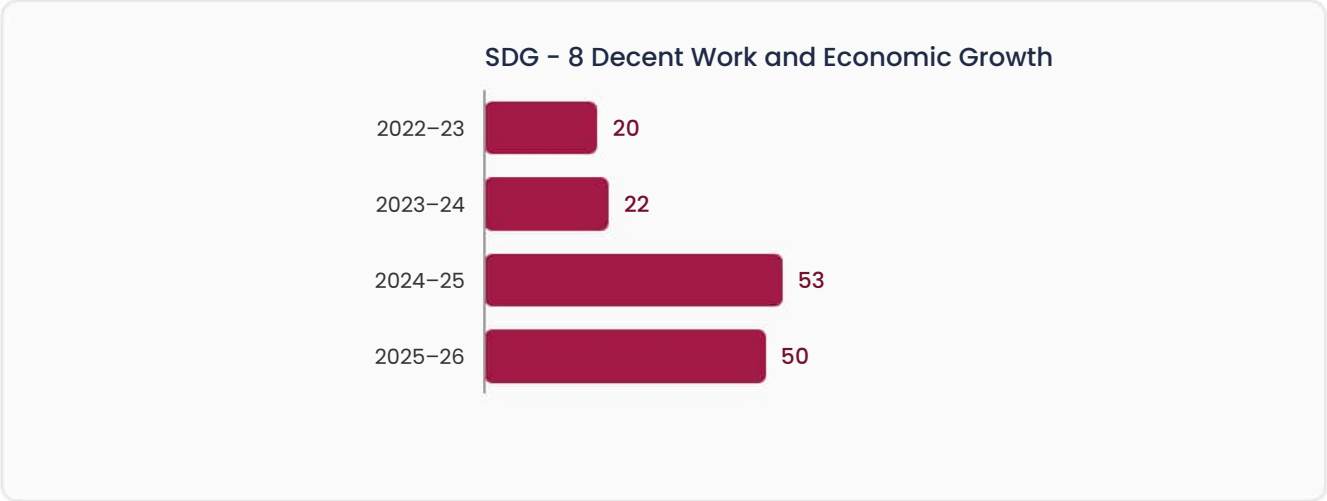
by thousands of students.

## 4. Significant Data Rigor and Survey Compliance

- **Response Rate Surge:** One of the most notable operational achievements highlighted in the data is the leap in tracking compliance. The number of recorded graduate responses grew from **1,696 (40.8% of cohort)** to **4,391 (59.6% of cohort)**.

## Research Metrics

The chart demonstrates a substantial, sustained acceleration in research output aligned with SDG 8 goals over a four-year academic cycle. The institution has successfully transitioned from an emerging contributor to a high-volume producer of literature dedicated to economic mobility, sustainable work environments, and inclusive growth frameworks.




**Baseline Growth (2022–2024):** The initial tracking periods established a stable research foundation. Academic output held steady with **approx. 20 publications in 2022–2023** and a marginal uptick to **approx. 22 publications in 2023–2024**, signaling initial departmental mobilization toward sustainability topics.

**The Breakthrough Window (2024–2025):** The institution experienced its sharpest trajectory spike in this period, with publications surging to **a peak of 53 entries**. This represents a dramatic year-over-year increase of **nearly 140%**, indicating a coordinated strategic push, dedicated seed funding, or the formal institutionalization of research cells focused on global economic issues.

**Stabilized High Output (2025–2026):** While the most recent cycle shows a minor contraction down to **50 publications**, the volume remains highly elevated compared to the baseline era. This minor dip reflects a standard maturation phase where the focus often pivots from rapid quantity expansion to targeted high-impact peer reviews.

## Upgrading the Curriculum and Syllabus as per Industry requirements

The university continuously revises its academic regulations (such as the recent 2025 and 2026 regulations) to integrate industry-aligned skills, technological advancements, and socio-environmental governance. The University has structuredits curriculum and syllabus upgrades through an Outcome-Based Education (OBE) framework. Every department features a Board of Studies (BoS) consisting of internal faculty and external subject experts. They analyze market shifts to approve periodic syllabus updates. Also there are specialized UG and PG programmes offered in collaboration with the industry. These initiative help in making the students future ready and industry ready. The curriculum also incorporates Technical Skills which helps them to become skillful and knowledgeable at the same time.

## Career Counselling

Future readiness culminates in successful global transition. The university's Career Guidance Cell actively establishes direct global conduits. Events like the landmark Chennai Career Fair 2026 (partnered with Carnival Cruise Line) and the Mega Job Fair 2026 bring international delegates and over 40+ premier employers directly to the campus. These drives provide students with immediate, on-the-spot pathways into international industries, tech conglomerates, and healthcare sectors.

## Teaching, Learning and Evaluation

Through the implementation of the 2025 Academic Regulations, Dr. MGR ERI has decoupled learning from obsolete models. Students do not just study theory; they actively specialize in market-defining verticals like Generative AI, Data Science, and Cyber Forensics. High-impact tech forums—such as the Technology Stack & Placement Journey tracks—bridge classroom concepts with live corporate coding environments, ensuring students enter the job market with an immediate technical edge. Moreover blended learning initiatives like Coursera and NPTEL have become mandatory for upskilling.

## Project Based Learning

Under the 2025 Regulations (such as within the Faculty of Computer Applications), PBL is explicitly embedded as a strict graduation metrics baseline (PSO 2: Project-Based Learning). This mandate tracks a student's ability to develop live information and computing skills using cutting-edge, modern IT tools rather than relying on written exam grades alone.

## Conference and Symposium

At Dr. M.G.R. Educational and Research Institute, higher education extends far beyond textbook learning. The university’s vibrant academic ecosystem is anchored by continuous national conferences and symposia hosted across all departments—from Engineering and Cyber Security to Law, Humanities, and Allied Health Sciences. These high-level scientific forums act as a bridge between undergraduate studies and the global workforce, equipping students with the exact skills,

mindsets, and exposure required to become future-ready leaders. Presenting research papers forces students to defend their technical frameworks before strict academic panels, teaching them critical analytical skills and intellectual rigour.

## International Mobilty Programs

The International Mobility Program at Dr. M.G.R. Educational and Research Institute is managed by the Office of International Relations. It provides students with critical global exposure through structured academic pathways, including semester abroad programs, international internships, and short-term immersion tours. MAHSA University (Malaysia) Collaboration: A prominent destination for international immersion. The university regularly routes student cohorts—such as those from ECE and healthcare engineering streams—for intensive credit programs focusing on advanced technical tracks like "Big Data Analytics in Healthcare and Finance".

## Hackathons and Bootcamps

At Dr. M.G.R. Educational and Research Institute, education is defined by rapid, hands-on iteration. The university's intensive hackathon ecosystem—led by the Department of Electronics and Communication Engineering (ECE), the ECOMET Association, and the Centre of Excellence in Smart Agriculture—acts as an elite drilling ground. By forcing students out of traditional classrooms and into high-pressure, time-bound problem-solving zones, hackathons instill the exact technical, mental, and corporate fluencies needed to navigate tomorrow's workforce. Employers value graduates who possess a portfolio of built products over those who just have high exam marks. Winning or even presenting at these hackathons frequently lands students immediate corporate internships, intellectual property (IP) patent mentoring, and fast-tracked career placements.

## Technical Skill Training

The Department of Data Science organized a one-week *Technical Skill Training Program* in collaboration with Red Hat, AWS, Cisco, and Microsoft AI from 9 December 2025 to 13 December 2025. The primary objective of the program was to enhance students' technical competencies and provide hands-on exposure to industry-relevant tools, platforms, and certification-oriented learning modules. The training program witnessed enthusiastic participation from 620 students, reflecting a strong interest in professional skill development and emerging technologies. Expert trainers from the collaborating companies conducted the sessions, sharing practical insights and real-world industry experiences. The sessions covered a wide range of topics including enterprise platforms, cloud computing services, networking solutions, system administration, and Artificial Intelligence applications. Students were introduced to current industry standards, best practices, and certification pathways that can support their academic progression and career growth. Similarly all departments follow.

## Advanced Research Institute - Drone Technology training

The Data Science Department organized a workshop titled "Sky–High Data: How Drones Power Modern Analytics" to introduce students to the role of unmanned aerial vehicles in data-driven applications. The resource team explained how onboard sensors, GPS modules and high-resolution cameras enable drones to capture large volumes of geospatial and visual data suitable for integration with AI and machine learning models. Use cases spanning precision agriculture, smart city planning, disaster response and environmental monitoring were discussed to illustrate how aerial data supports evidence-based decision-making in modern industries. Students were oriented to safety practices, legal regulations and responsible usage of drone technology. A structured hands-on piloting session enabled participants to operate drones under expert supervision and observe real-time data acquisition. The workshop strengthened students' conceptual understanding of drone-based data pipelines and enhanced their confidence to pursue projects, internships and research in drone analytics and related domains of data science.

## Entreprenuership initiatives

MSME Idea Hackathon 6.0 (Host Institution Campaign): Conducted in July 2026 under the MSME Champion Scheme, Dr. MGR ERI served as the official host incubator. Aspiring student entrepreneurs, researchers, and early startups pitched ideas across frontier sectors like Renewable Energy, Industry 4.0/5.0, Automotive Technology, and Robotics & Automation, with selected prototypes eligible for seed grants of up to ₹15 Lakhs per idea. https://drmgrdu.ac.in/department-category/entrepreneurship/

## Industry Internships

Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI) in Chennai empowers its students to become future-ready professionals through robust corporate exposure, a transformation led by its dedicated Department of Placement and Training. By acting as a vital bridge between rigorous academia and the ever-evolving demands of the global corporate landscape, the department equips students with the technical acumen, soft skills, and practical experience necessary to thrive from day one in their careers.

**EVIDENCE LINKS**

- https://www.drmgrdu.ac.in/uploads/courses-offered/25-26/FoCA/BCA%20GEN%20AI_25.pdf
- https://drmgrdu.ac.in/engineering/ece/association-activities/career-guidance-program
- https://drmgrdu.ac.in/engineering/dsai/activities/workshop
- https://drmgrdu.ac.in/11th-national-conference-nict26
- https://drmgrdu.ac.in/engineering/ece/global-connect
- https://www.instagram.com/p/DVIhkyXkSiz/
- https://drmgrdu.ac.in/engineering/dsai/activities/certification-programmes
- https://www.facebook.com/MGRUniversityDeemed/videos/dr-mgr-educational-and-research-institute-proudly-hosts-msme-idea-hackathon-60-f/1034237839460498/
- https://drmgrdu.ac.in/uploads/QS/Happiness/Internship_for_upskilling.pdf
- https://drmgrdu.ac.in/workshop-on-sky-high-data-how-drones-power-modern-analytics

# Dr.M.G.R.

## EDUCATIONAL AND RESEARCH INSTITUTE

**Deemed to be University**

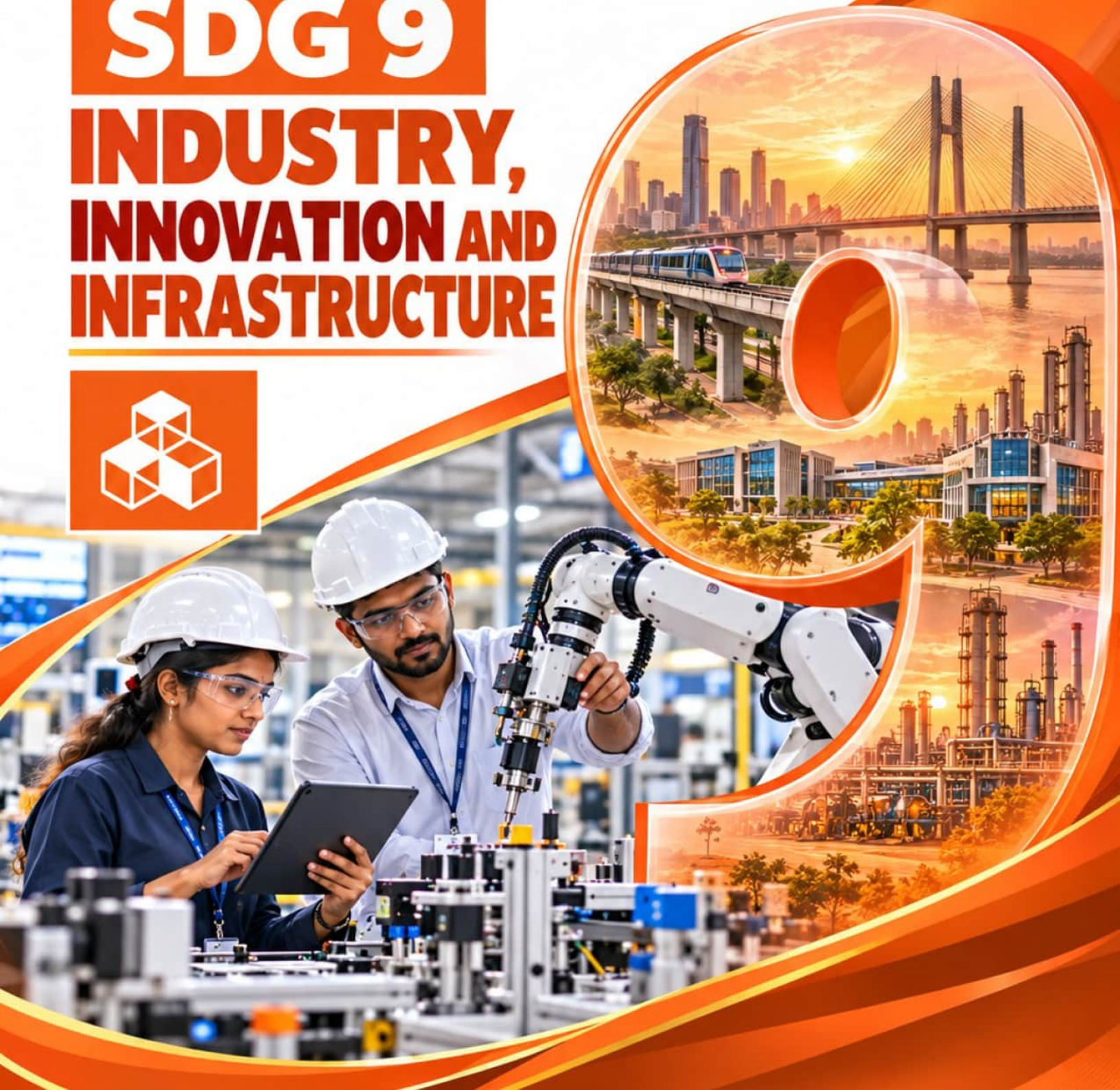
★ with Graded Autonomy Status ★

(An ISO 21001 : 2018 Certified Institution)

ACCREDITED WITH GRADE A+ NAAC

# SDG 9

# INDUSTRY, INNOVATION AND INFRASTRUCTURE



# 09

SUSTAINABLE DEVELOPMENT GOAL 9

# Industry, Innovation and Infrastructure

A funded innovation pipeline — from seed grants to incubation to CSR-backed startups.

**₹39.05 L**
institutional seed grants across 8 projects, 2025–26

**₹50.65 L**
incubation support through AKC, MSME and ARI startups

**₹40 L**
CSR funding (Sona Comstar / IIT Bombay) for IGNIT Technical Solutions

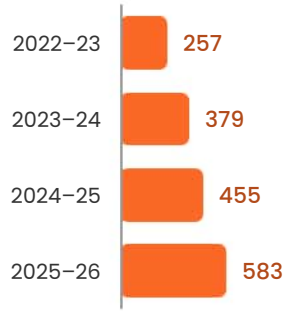
**583**
SDG 9-aligned publications in 2025–26

## HIGHLIGHTS

- Government schemes (EDII-TN IVP, IIT-NIRMAN, StartupTN TANSEED) channelled ₹21 lakh to incubated startups.
- Momentum Seed Grant 2026 extended ₹30 lakh across 25 proposals at the Arni rural campus.
- Dr. A.P.J. Abdul Kalam Centre offers prototyping labs, IP support, mentoring and industry networking.

## RESEARCH TRAJECTORY

SDG 9-aligned publications per academic year




**+127%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 7 SDG 8 SDG 11 SDG 17



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

**Dr. C. B. Palanivelu**
Registrar

**Dr. M.G.R. Educational and Research Institute, the details of funds used to encourage student entrepreneurs during the financial year 2025–2026**

1. Institutional funding: Seed grants, prototype development support, and financial assistance provided directly by the university.

2. Government-funded support: Grants received through schemes such as EDII and other eligible innovation programmes.

3. Incubation and startup support: Funding or services provided through AKC (Dr. A.P.J. Abdul Kalam Centre of Excellence in Innovation & Entrepreneurship)

**4. External funding: CSR contributions for startups.**

## 1. Institutional Funding – Seed Grants and Prototype Development Support

Institutional Funding: Financial support provided directly by the university to promote innovation and entrepreneurship among students, research scholars, faculty members, and startup founders. This includes seed grants for promising business ideas, financial assistance for prototype development and proof-of-concept validation, support for product design and testing, development of minimum viable products (MVPs), and funding for technology validation and early-stage commercialization. It also covers financial assistance for converting innovative projects into viable business ventures, subject to institutional policies and eligibility criteria. The details should specify the amount sanctioned and disbursed the purpose of funding, the beneficiary or startup name, and the relevant financial year, supported by appropriate sanction orders and financial records.

| S.NO | TITLE | PRINCIPAL INVESTIGATOR/Startup | DEPARTMENT | SANCTIONED AMOUNT |
|---|---|---|---|---|
| 1 | Comparative analysis of bone marrow aspirate versus bone marrow aspirate concentrate in primary knee osteoarthritis double blinded, unicentric RCT | Dr Ashwini R | Orthopaedics/ARSN202601001/02.04.2026 | INR 5,00,000 |
| 2 | Surveillance of burden and transmission of multidrug resistant bacteria in Intensive care units by next generation sequencing | Dr. Sangeetha Sampath | Microbiology/ARSN202601002/02.04.2026 | INR 3,90,000 |
| 3 | Study of MicroRNA 21 & 29c levels in Diabetic Kidney Disease. | Dr.Krishna M V | GENERAL MEDICINE/ ARSN202601003/02.04.2026 | INR 4,00,000 |

| S.NO | TITLE | PRINCIPAL INVESTIGATOR/Startup | DEPARTMENT | SANCTIONED AMOUNT |
|---|---|---|---|---|
| 5 | Evaluation of Molecular Signatures interlinking polycystic ovarian syndrome and Periodontal disease | Dr. Dhathri Priya Bandi | Periodontology/ARSN202602002/02.04.2026 | INR 4,02,410 |
| 6 | Neurophytotherapeutic Approach: A Novel Formulation of Nigella sativa Seeds Targeting Central Nervous System Activity | Ms. Neelambari | PHARMACY/ ARSN202603001/02.04.2026 | INR 4,30,000 |
| 7 | ANALYZING THE EFFECTIVENESS OF BIOMECHANICAL INTELLIGENT OPTIMIZED (BIO) STEP TRAINER: MULTISENSORY FEEDBACK-DRIVEN GAIT TRAINER ON CENTRAL NERVOUS SYSTEM INJURY | Dr. K. Kamatchi | PHYSIOTHERAPY/ ARSN202604001/02.04.2026 | INR 5,00,000 |
| 8 | Nutritional Impact of SynbioticSupplementation on Key Gut Bacteria and Metabolic Health in Overweight Indian Adults | Ms. Ponmozhi | Clinical Nutrition/ ARSN202606001/02.04.2026 | INR 4,42,900 |
| 9 | Development of a Novel Bio 3D Printer with Spinneret- Based Coaxial Extrusion Technology for Fabrication of Micron Hollow Structures | Mr. Logeswaran | AKC/ ARSN202607001/02.04.2026 | INR 3,40,000 |
| Total | | | | 3905310 |

SDG 9

## 2. Government-funded support: Grants received through schemes such as EDII and other eligible innovation programmes

Details of grants and financial assistance received by the university, its incubation centre, or its incubated startups through government-sponsored schemes and eligible innovation and entrepreneurship programmes. This includes funding provided through the Entrepreneurship Development and Innovation Institute (EDII-TN), Tamil Nadu Startup and Innovation Mission (StartupTN), DST–NewGen IEDC, BIRAC, MSME, and other relevant central and state government agencies or funding bodies. The support may cover idea validation, proof-of-concept development, prototype fabrication, product development, technology validation, startup establishment, seed funding, and business acceleration.

| S.NO | TITLE | PRINCIPAL INVESTIGATOR | DEPARTMENT | SANCTIONED AMOUNT |
|---|---|---|---|---|
| 1 | IVP-A (Innovation Voucher Program) | Shoreline Scientific LLP – Ms Priyadarshini M | AKC – Biotechnology February 2025 | INR 2,00,000 |
| 2 | IVP-A (Innovation Voucher Program) | Brillet Makers PVT Ltd – Dr Kokilavani | AKC – Biotechnology February 2025 | INR 2,00,000 |
| 3 | IVP-B (Innovation Voucher Program) | IGNIT Technical Solutions PVT Ltd | AKC – Mechanical February 2025 | INR 5,00,000 |
| 4 | IIT –NIRMAN | Shoreline Scientific LLP – Ms Priyadarshini M | AKC – Biotechnology July 2026 | INR 2,00,000 |
| 5 | Startup TN TANSEED | IGNIT Technical Solutions PVT Ltd | AKC – Mechanical February 2026 | INR 10,00,000 |

3. **Incubation and startup support: Funding or services provided through AKC (Dr. A.P.J. Abdul Kalam Centre of Excellence in Innovation & Entrepreneurship)**

Details of financial and non-financial support provided to student entrepreneurs, faculty innovators, research scholars, and incubated startups through the Dr. A.P.J. Abdul Kalam Centre of Excellence in Innovation & Entrepreneurship (AKC), Dr. M.G.R. Educational and Research Institute. This includes access to co-working spaces, fabrication and prototyping facilities, collaborative workspaces, laboratories, testing and validation facilities, and other incubation infrastructure made available to support innovation and startup development.The support may include subsidised or complimentary workspace, access to equipment and technical infrastructure, prototype fabrication assistance, product testing and validation, technical mentoring, business advisory services, intellectual property support, industry networking, and other incubation services provided to help startups progress from idea validation and proof-of-concept development to prototype completion, product development, and commercialisation.

| S.NO | Startups | Incubators | Services | Financials |
|---|---|---|---|---|
| 1. | Incubated Startups at Dr MGR Educational and Research Institute | AKC, MSME and ARI Startups | co-working spaces, fabrication and prototyping facilities, collaborative workspaces, laboratories, testing and validation facilities, and other incubation infrastructure made available to support innovation and startup development | INR 50,65,000 |

## 5. External funding: CSR contributions for startups.

External Funding – CSR Contributions for Startups: Details of financial contributions and support received from external organisations, corporate entities, and industry partners through Corporate Social Responsibility (CSR) initiatives to promote innovation, entrepreneurship, and startup development within the university's innovation and incubation ecosystem.

| S.NO | TITLE | PRINCIPAL INVESTIGATOR | DEPARTMENT | SANCTIONED AMOUNT |
|---|---|---|---|---|
| 1. | CSR – SONA COMSTER (IIT BOMBAY) | IGNIT Technical Solutions PVT Ltd | AKC – Mechanical February 2026 | INR 40,00,000 |

SDG 9

## 6. SEED Funfing to the rural campus at Arni Off Campus worth 30 Lakhs:

The University actively fosters a culture of research and innovation among its faculty through its robust SEED grant initiative, streamlining the processes for academic publication and patent acquisition. With a track record of funding over 100 projects annually, the institution expanded the scope of this initiative to its rural campus this year, sanctioning 25 proposals with a total grant allocation of ₹30 Lakhs. Through these strategic investments, the University ensures equitable and inclusive growth, empowering faculty across all campuses with uniform access to developmental opportunities. [MOMENTUM SEED GRANT 2026]

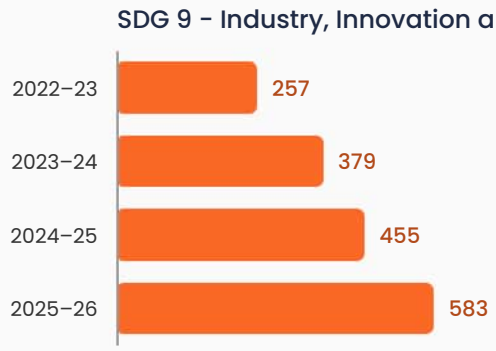
**EVIDENCE LINKS**

- https://drmgrdu.ac.in/uploads/QS/Happiness/Seed-Grant.pdf
- https://www.instagram.com/p/DbGIYIKgWm6/
- https://drmgrdu.ac.in/innovation-and-entrepreneurship/
- https://drmgrdu.ac.in/uploads/QS/Happiness/Entrepreneurship_support.pdf
- https://drmgrdu.ac.in/policies-and-guidelines/institutional-policies
- https://drmgrdu.ac.in/department/research-patent/
- https://drmgrdu.ac.in/uploads/QS/Innovation_and_Entrepreneurship/ET2_Incubator_AKC_overall_Report_2023-2024.pdf
- https://drmgrdu.ac.in/uploads/QS/Innovation_and_Entrepreneurship/ET2_Incubator_2_MSME_Overall_Report.pdf
- https://drmgrdu.ac.in/uploads/QS/Innovation_and_Entrepreneurship/BETF_Final.pdf
- https://drmgrdu.ac.in/uploads/QS/Circular_STUDENT_PATENT_PUBLICATION_(2026)_APPRECIATION-reg..PDF
- https://drmgrdu.ac.in/uploads/QS/IIC_2024-25.jpeg

SDG 9

## Research Metrics

The provided horizontal bar chart illustrates a period of **exponential growth in research output aligned with Sustainable Development Goal 9 (SDG 9: Industry, Innovation, and Infrastructure)** over a four-year tracking matrix. The institution has successfully accelerated its research volume from a baseline of **260 publications in 2022–2023** to a peak of **585 publications in 2025–2026**, demonstrating an intense institutional focus on engineering, technological innovation, and infrastructural research.




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

**Dr. C. B. Palanivelu**
Registrar

## Research Metrics – SDG 9

### 1. Compounded Research Velocity

- **Net Volume Acceleration:** Over the four-year evaluation window, absolute publication volume grew by **125%** (+325 papers). This steep upward trajectory signifies an active expansion of the faculty research ecosystem, increased funding allocations toward innovation, and highly optimized research output mechanisms.
- **Sustained Momentum:** The growth is not isolated to a single anomaly year. It reflects a systematic annual increase, highlighting structured internal policies such as research incentives, mandatory Scopus/Web of Science target alignments, or expanded doctoral candidate enrollments.

### 2. Industry-Academia Synergy Indicator

Because SDG 9 inherently evaluates the nexus between academic innovation and commercial scalability, this surge in publications strongly suggests:

- An expanded portfolio of **sponsored research projects** and industrial consultancies.
- A robust pipeline for **patent filings and technology transfers** originating from university lab frameworks (e.g., core engineering, IT, and automation streams).

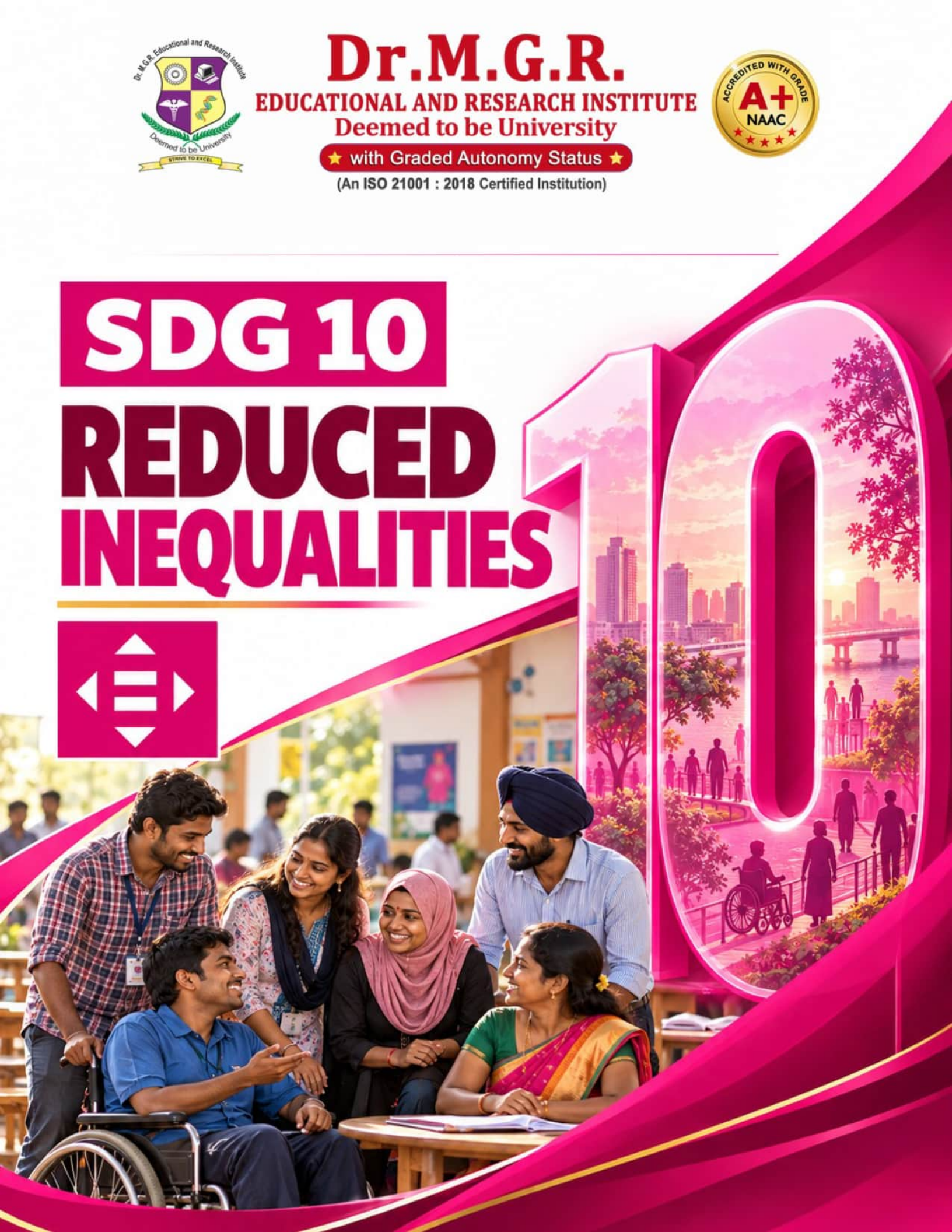
# Dr.M.G.R.
## EDUCATIONAL AND RESEARCH INSTITUTE
Deemed to be University

★ with Graded Autonomy Status ★

(An ISO 21001 : 2018 Certified Institution)

ACCREDITED WITH GRADE A+ NAAC

# SDG 10
# REDUCED INEQUALITIES



# 10

SUSTAINABLE DEVELOPMENT GOAL 10

# Reduced Inequalities

Widening access and voice — first-generation learners, women in leadership and open grievance channels.




**3,953**
first-generation students starting a degree in 2026 (+133)

**49**
SDG 10-aligned publications in 2025–26 (from 20)

**15 days**
guaranteed grievance closure window

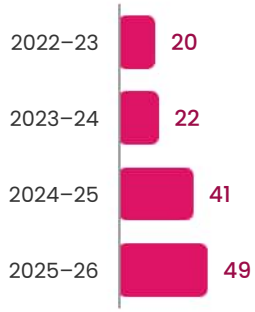
**86.4%**
single-year research surge in 2024–25

## HIGHLIGHTS

- Online grievance redressal through the Office of the Dean of Student Affairs ensures tracked follow-up and closure.
- IQAC seminar on gender equality and a Faculty of Law lecture on transgender rights widen awareness.
- Women hold 60% of executive roles; 33% quota in MoRD/MSME community initiatives.

## RESEARCH TRAJECTORY

SDG 10-aligned publications per academic year




**+145%** change from 2022–23 to 2025–26

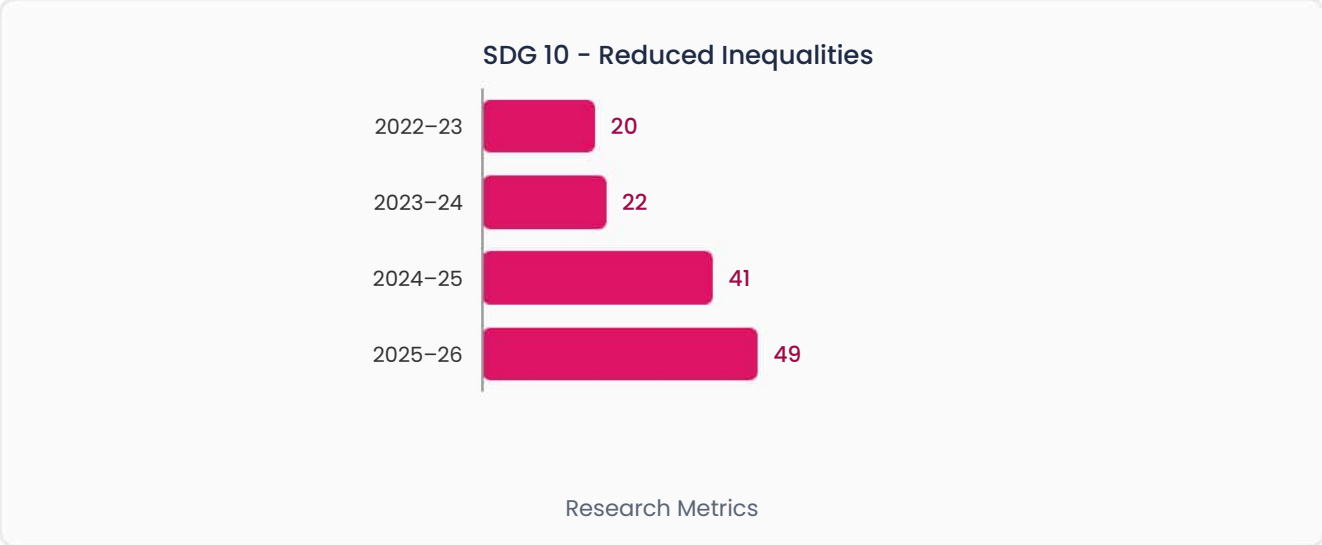
CONNECTED GOALS SDG 1 SDG 4 SDG 5 SDG 16



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

**Dr. C. B. Palanivelu**
Registrar

The provided horizontal bar chart demonstrates a **sustained, upward trajectory in research publications aligned with Sustainable Development Goal 10 (SDG 10: Reduced Inequalities)** over a four-year tracking period. The institution has successfully expanded its research footprint in this domain from a baseline of **20 publications in 2022–2023** to a peak of **49 publications in 2025–2026**, reflecting an accelerating institutional commitment to social equity, diversity, and policy-driven academic research.




While the transition between 2022–23 and 2023–24 showed stable, incremental growth (+2 papers), the **2024–2025 academic cycle experienced a massive 86.4% surge** in publication volume. This indicates a highly effective strategic intervention, such as targeted institutional funding, dedicated research groups in social sciences/humanities, or interdisciplinary policy studies.

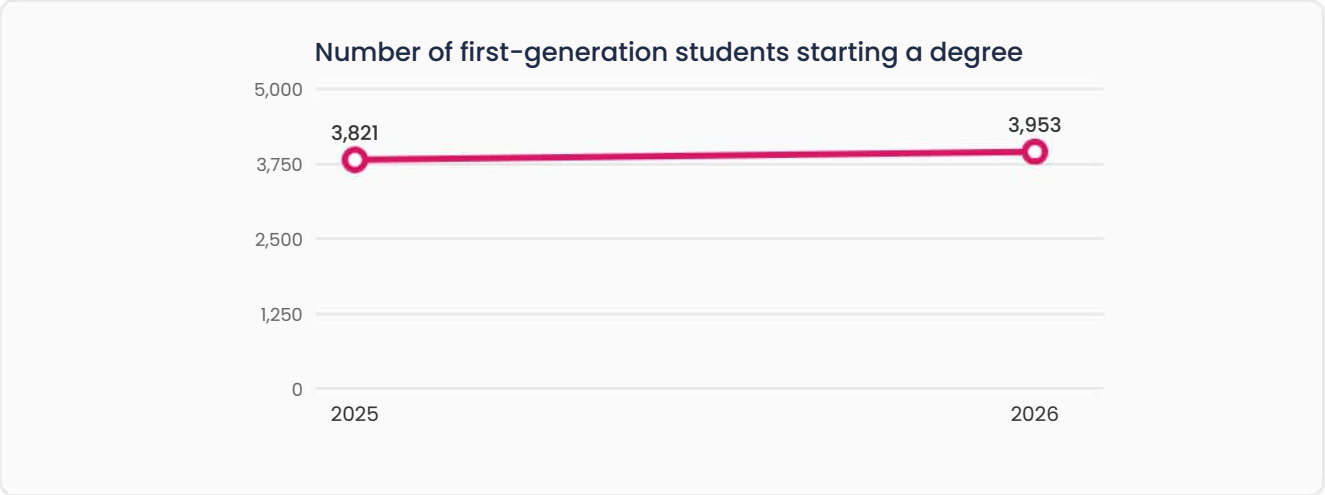
Because SDG 10 encompasses both regional and global inequalities, a rising publication curve strongly suggests:

- Increased academic attention toward socio-economic mobility, accessible education frameworks, and marginalized community support.
- Cross-departmental synergy where engineering, management, and humanities faculties are collaborating on inclusive human-centric technologies and societal policies.

## Proportion of First-Generation Students Enrolled

The provided line graph charts a positive trajectory regarding **first-generation students starting a degree**, showing an intake increase over a two-year evaluation window. The institution has successfully expanded access to higher education, growing from **3,821 first-generation students in 2025** to **3,954 first-generation students in 2026**.

| Year | Number of first-generation students starting a degree |
|---|---|
| 2025 | 3821 |
| 2026 | 3953 |




## Commitment to Higher Education Access

**Social Mobility Indicator:** A rising enrollment curve for first-generation students demonstrates active institutional inclusion. It indicates that the university's outreach programs, admissions pathways, and financial aid awareness campaigns are successfully reaching families with no prior history of higher education.

**Stabilized Intake Capacity:** Absorbing an extra 133 non-traditional students in a single cycle shows that the institution's foundational academic support infrastructure (such as bridging courses, mentoring programs, and foundational counseling) is expanding to meet unique on-boarding requirements.

## Gender Equity

The university actively dismantles structural barriers by cultivating an environment of mutual respect, psychological safety, and leadership opportunities for women:

- **Socio-Economic and Financial Empowerment:** The institution conducts annual gender equality programming focused on building the mental, emotional, and financial resilience of female students and staff. Furthermore, corporate and community developmental initiatives—specifically those funded by the **Ministry of Rural Development and the Ministry of Micro, Small, and Medium Enterprises (MSME)**—strictly enforce a mandatory **33% quota for female candidates** to drive grassroots financial inclusion.
- **Executive Leadership and Administrative Inclusivity:** True to the mandates of **UN Sustainable Development Goal 5 (SDG 5)**, the university champions female representation across high-level

decision-making bodies. Led by the **Vice Chancellor**, women occupy **60% of executive administrative roles**, while **80% of the overall institutional staff** are female. This progressive workforce dynamic stands as a definitive testament to the university's commitment to inclusive governance and systemic growth.

## Grievance redressal cell

At Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI), a robust online grievance redressal mechanism is available to enable stakeholders—particularly students—to register their concerns and administrative needs seamlessly. The Office of the Dean of Student Affairs serves as the central nodal authority, systematically collecting all submissions to ensure structured tracking, proper follow-up, and guaranteed closure within 15 working days of receipt.

## Awareness Created

Gender Equality in Contemporary India with Special Emphasis on Women Empowerment: The Internal Quality Assurance Cell (IQAC) of Dr. M.G. R. Educational and Research Institute organized a thought-provoking seminar titled "Gender Equality in Contemporary India with Special Emphasis on Women Empowerment" on June 26, 2025. The event was part of IQAC's ongoing initiatives to promote awareness on key social issues and foster inclusive practices within the academic and social framework.

The Faculty of Law is delighted to have organized a lecture on Transgender Rights in India to raise awareness among students through a workshop on laws relating to transgender rights and the recognition of transgender identities. The program aimed to remind law students that our society has moved beyond binary gender identities and that every individual deserves to be treated with equality, dignity, and respect.

## Team outing once a semester and Women's day Celebration

The spirit of camaraderie, empowerment, and joy took center stage as our department organized a spectacular joint celebration combining an energetic team outing with International Women's Day at the Dr. M.G.R. Educational and Research Institute campus. The event was designed not only to honor the incredible achievements and contributions of our female colleagues but also to foster stronger bonds, collaboration, and rejuvenation among all team members. The celebration concluded with a grand celebratory lunch, where team members relaxed, shared stories, and enjoyed a diverse culinary spread. The event successfully achieved its dual purpose: honoring the essence of womanhood and providing a much-needed avenue for the team to unwind, align, and return to their responsibilities with renewed energy and solidarity.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/uploads/Policies/Quality_Education_Inclusive_and_Equal_Access_policy.pdf
- https://drmgrdu.ac.in/uploads/QS/Happiness/Women_administrators.pdf
- https://drmgrdu.ac.in/about/about-university/vice-chancellors-desk/
- https://drmgrdu.ac.in/about/officers-of-university/
- https://drmgrdu.ac.in/facilities/gender-equity/
- https://drmgrdu.ac.in/policies
- https://drmgrdu.ac.in/facilities/divyangjan-friendliness/
- https://drmgrdu.ac.in/uploads/Grievance%20Cell/Sexual_Harassment/ICC%20Meeting_1_2025.pdf
- https://drmgrdu.ac.in/student-services/committee/students-grievance-redressal-cell
- https://www.facebook.com/MGRUniversityDeemed/videos/awareness-empowers-confidence-protectsthe-singa-penne-be-aware-be-safe-be-empowe/3133558786842755/
- https://drmgrdu.ac.in/uploads/Grievance%20Cell/Sexual_Harassment/Gender_Inequality_seminar.pdf
- https://law.drmgrdu.ac.in/seminar-on-transgender-rights-in-india/
- https://www.facebook.com/MGRUniversityDeemed/posts/delighted-to-announce-the-international-womens-day-2025-celebration-at-acs-medic/1050109373811812/
- https://www.facebook.com/MGRUniversityDeemed/videos/celebrating-strength-spirit-and-sisterhood-on-account-of-womens-day-a-series-of-/1419519746624752/

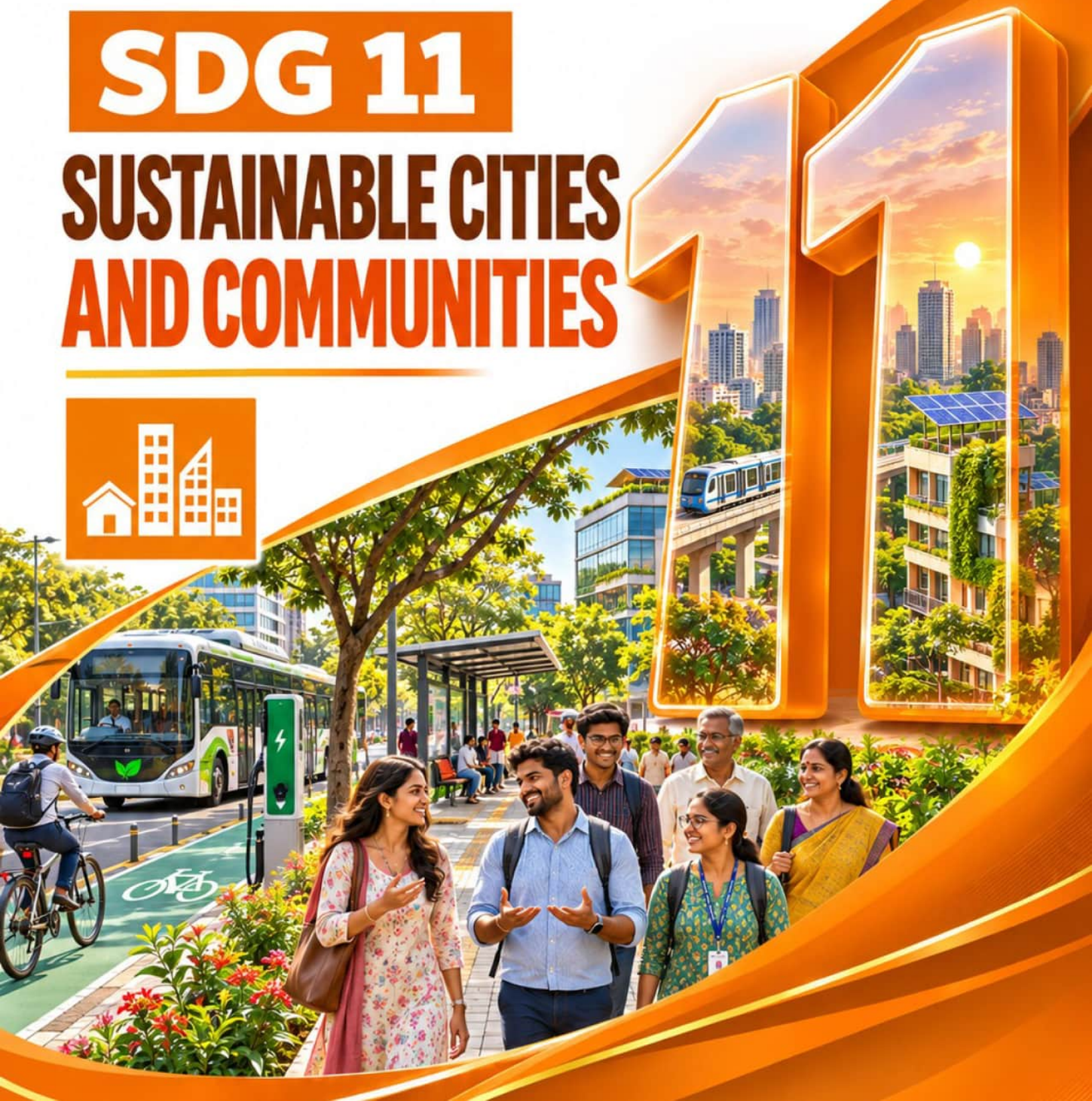
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# SDG 11
# SUSTAINABLE CITIES AND COMMUNITIES



# 11

SUSTAINABLE DEVELOPMENT GOAL 11

# Sustainable Cities and Communities

Low-emission mobility and adopted villages around Maduravoyal, Adayalampattu and Poonamallee.




**14**
clean vehicles in the fleet (+180% since 2022–23)

**3,654**
battery-shuttle trips operated in 2025–26

**11%**
fuel reduction achieved, 2025–26

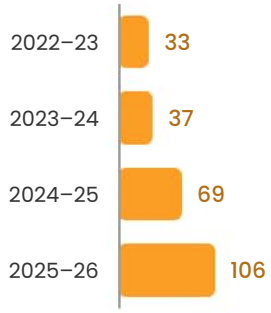
**106**
SDG 11-aligned publications in 2025–26 (+220%)

## HIGHLIGHTS

- A 30 kW Relux DC fast-charging station on the Maduravoyal campus serves the EV fleet and public commuters.
- Student cohorts run literacy drives, clean-tech programmes and resource workshops in adopted suburban villages.
- Clean transport built on formal partnerships with two NGOs.

## RESEARCH TRAJECTORY

SDG 11-aligned publications per academic year




**+221%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 7 SDG 9 SDG 13 SDG 17

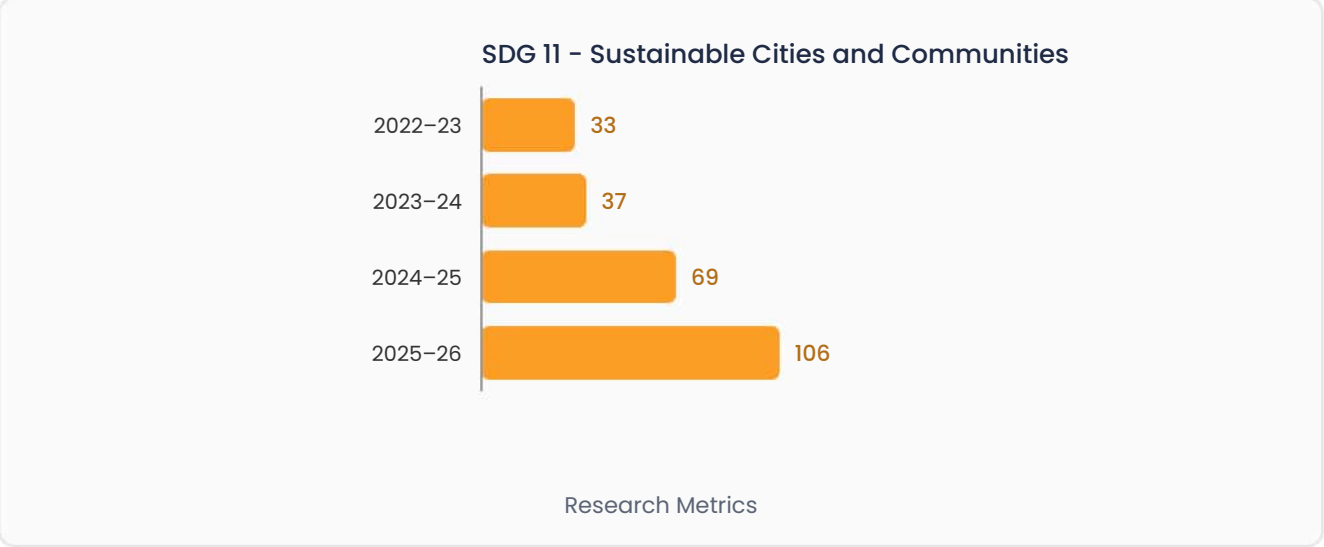


**Dr. E. Sheeba Percis,**
Professor and Joint Registrar
Team Lead-International Rankings

**Dr. C. B. Palanivelu**
Registrar

The university has systematically built out its low-emission transit fleet, growing its number of clean, battery-operated vehicles to **14 active units**. This clean transport initiative supports high-frequency shuttle services (over 3,600 annual trips) to minimize carbon emissions across its campuses. Dr. MGR ERI directly impacts local community development by adopting nearby suburban villages around **Maduravoyal, Adayalampattu, and Poonamallee**. Student bodies, including B.Ed. and engineering cohorts, execute localized literacy drives, clean-tech community programs, and resource management workshops in these areas. On February 7, 2024, the university President inaugurated a **commercial 30 kW Relux DC Fast Charging Station** on the main Maduravoyal campus along Poonamallee High Road. This facility serves the university's electric vehicles while remaining open to public highway commuters, actively supporting regional clean energy infrastructure.

The bar chart illustrates a **powerful, exponential expansion in research output** dedicated to sustainable urban development, green infrastructure, and community resilience over a four-year academic cycle. The data reflects a highly successful strategic initiative to position the university as a leading research hub for smart and sustainable civic solutions.




- **The Foundational Phase (2022–2023):** The tracking cycle opened with a solid baseline of **approx. 33 publications**. This indicates an established core of researchers already working on urban engineering, environmental design, and community resource mapping.
- **Steady Progression (2023–2024):** The subsequent year witnessed a minor incremental shift to **approx. 37 publications**. This phase represents sustained scholastic output and initial efforts to expand collaborative inter-departmental research groups.
- **The Growth Breakout (2024–2025):** The institution experienced an aggressive trajectory acceleration during this window, with publications surging to **approx. 70 entries**. This massive single-year volume jump of **nearly 90%** points to a targeted deployment of research funds, the

launch of specialized smart-city center initiatives, or increased funding for architecture and civil engineering departments.

- **Peak Momentum (2025–2026):** The expansion reached its maximum velocity in the most recent cycle, with research output climbing further to **approx. 106 publications**. This milestone marks a remarkable **220% cumulative increase** from the 2022–2023 baseline, establishing sustainable urban systems as one of the institution's dominant research domains.

## Sustainable Transit Solutions

The data outlines a four-year longitudinal progress trajectory (2022–23 to 2025–26) detailing the institution's shift toward low-emission transport. The overall trend demonstrates a steady, compounding acceleration in clean vehicle adoption, backed by strategic long-term collaborations with external non-governmental organizations (NGOs).

| Number of Clean Vehicles [Bus/Car/Any other] | | | | |
|---|---|---|---|---|
| NGO collaborated with | 2025-26 | 2024-25 | 2023-24 | 2022-23 |
| 02 | 14 | 10 | 8 | 5 |

**The Baseline Phase (2022–2024):** The initial transition period started with a modest footprint of **5 clean vehicles** (buses, cars, or other campus transit options) during the 2022–23 cycle. This grew steadily to **8 vehicles** in 2023–24, representing an initial fleet expansion of **60%** as infrastructure setup began.

**The Acceleration Window (2024–2026):** The fleet size experienced a significant upward breakout over the next two years. Fleet volume grew to **10 vehicles in 2024–25** and surged to its peak at **14 vehicles in 2025–26**.

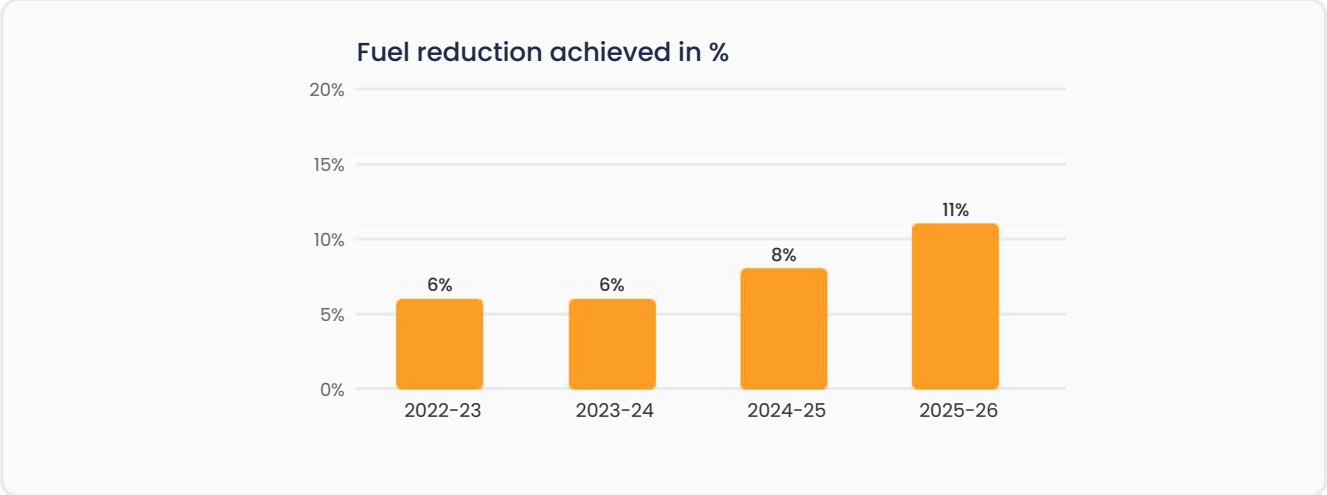
**Cumulative Growth Impact:** Over the entire four-year evaluation cycle, the institution expanded its low-emission fleet from 5 to 14 active units, marking a **180% absolute increase in sustainable transport capacity**.

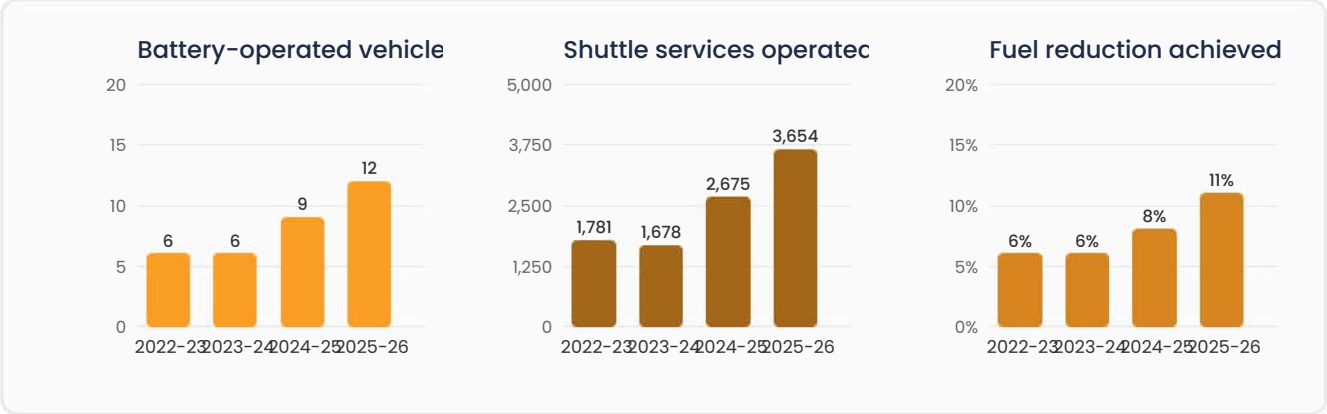
SDG 11

## Battery Operated Vehicles for shuttle service

- **SDG 11 Alignment (Sustainable Cities and Communities):** By systematically expanding its clean vehicle fleet, the institution directly acts on targets to reduce its campus carbon footprint, improve localized air quality, and provide sustainable transport links for its student and faculty populations.
- **SDG 17 Alignment (Partnerships for the Goals):** The formal inclusion of NGOs highlights that the university's green transport system is built on shared expertise, lending external credibility to its environmental metrics.

| YEAR | Number of Battery operated vehicles | Number of shuttle services operated | Fuel reduction achieved in % |
|---|---|---|---|
| 2025-26 | 12 | 3654 | 11% |
| 2024-25 | 9 | 2675 | 08% |
| 2023-24 | 6 | 1678 | 06% |
| 2022-23 | 6 | 1781 | 06% |




## Battery vehicle trend for shuttle service

**Aggressive Scale-up in Shuttle Services:** The absolute volume of shuttle services operated (red bars) has expanded drastically over the four-year cycle. It climbed from **1,770 trips in 2022–23** to a peak of **3,660 trips in 2025–26**, marking a **106% increase in transit frequency** to support growing campus mobility needs.

SDG 11

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Team Lead-International Rankings

**Dr. C. B. Palanivelu**
Registrar

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/facilities/green-campus/
- https://drmgrdu.ac.in/facilities/renewable-energy/
- https://drmgrdu.ac.in/policies
- https://college.rrmch.org/game-for-more/
- https://drmgrdu.ac.in/facilities/environmentally-friendly-campus/
- https://www.instagram.com/reel/Dcs5wdwtuED/
- https://college.rrmch.org/health-club/
- https://www.instagram.com/p/C3DfALdydnk/
- https://drmgrdu.ac.in/facilities/health-centre/
- https://drive.google.com/file/d/1ngOrNFZ3buAoOeUjac_dW9lC-mlxC9DI/view?usp=sharing

## EV Charging Point

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 and 11 by building resilient and sustainable infrastructure and promoting sustainable industrialization. There is a Relux 30 kW EV charging station located in the main campus. The facility was introduced to concurrently charge the university's expanding fleet of electric shuttle options and remain fully accessible to public highway commuters along Poonamallee High Road.

## Family Medical Card Scheme

At Dr. MGR Educational and Research Institute (Deemed to be University), community welfare is viewed as a vital part of educational excellence. True campus inclusivity requires supporting the health, safety, and peace of mind of those who teach, learn, and work within the ecosystem. Reflecting this core commitment, the University's Family Medical Card / Health Insurance Card Initiative for the 2025–26 academic year provides a comprehensive safety net for both faculty members and students. Substantial fee reductions are embedded directly into the card structure, including a 35% concession on Major Investigations, a 50% concession on Medium Investigations, and entirely free diagnostics for Minor Investigations. The card provides students with access to routine health checkups and mandatory clinical reviews. Cardholders receive dedicated, ongoing fee reductions and concessions on the purchase of essential medicines directly from the institutional pharmacies. [Every student or faculty having a valid University ID card is eligible]

## Provision of Staff Quarters

Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI) is deeply committed to fostering an inclusive campus community, ensuring that its need-based residential accommodation serves as a foundation for equity and support. Quarter allotments prioritize individual and familial needs, ensuring that administrative, paramedical, and technical staff are provided with comfortable on-campus housing at concessional rental rates to reduce financial strain. Recognizing the critical role of

our nursing and medical staff, the institution offers free accommodation and subsidized mess facilities. This removes socio-economic barriers, allowing staff from diverse backgrounds to thrive professionally without housing insecurity.



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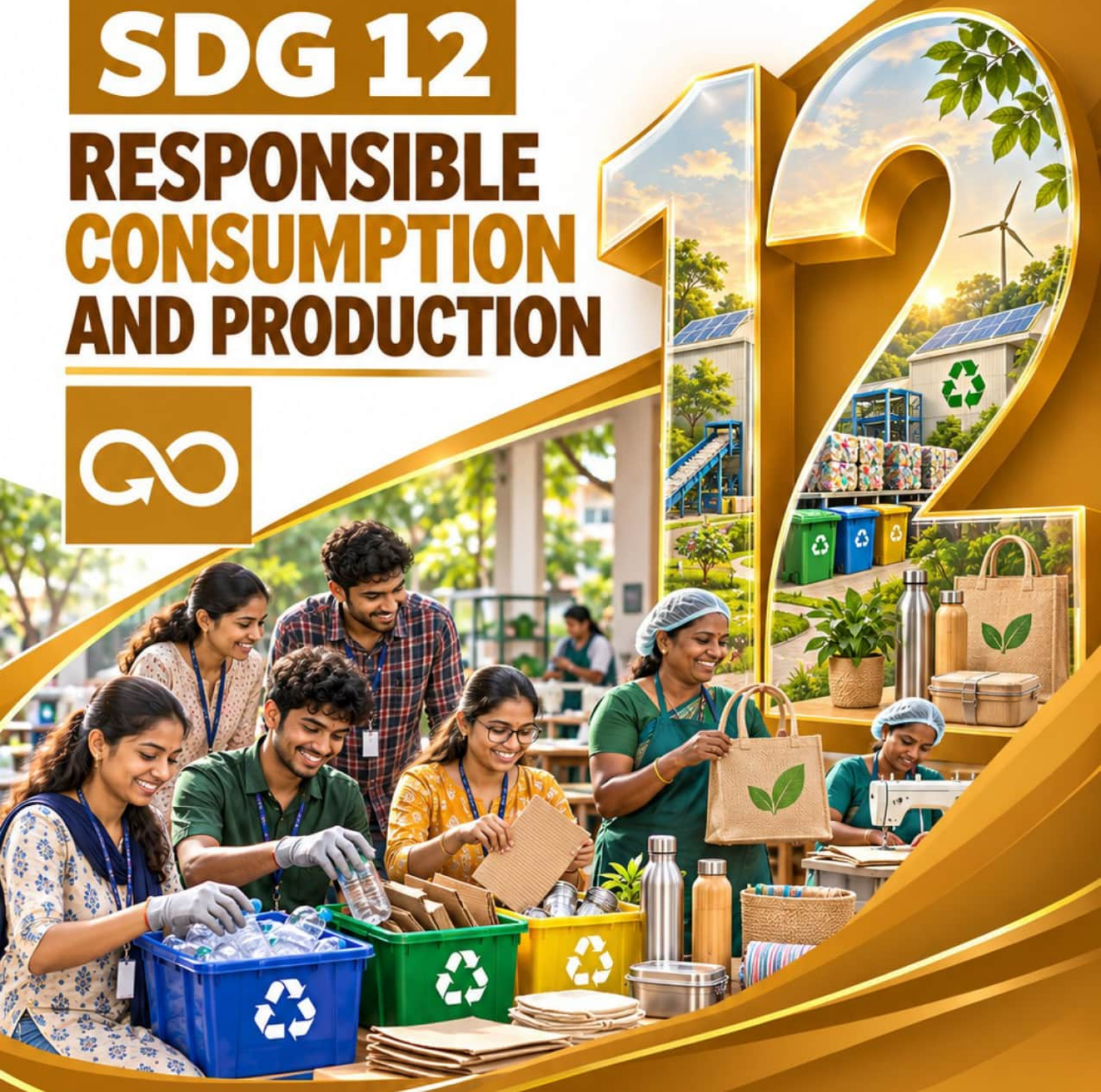
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# SDG 12
# RESPONSIBLE CONSUMPTION AND PRODUCTION



# 12

SUSTAINABLE DEVELOPMENT GOAL 12

# Responsible Consumption and Production

Circular-economy campuses on a roadmap to a Net-Zero Carbon Campus by 2045.

**2045**
Net-Zero Carbon Campus target

**117 t**
food waste diverted from landfill, 2025–26 (from 65 t)

**28.2%**
campus water recycled or reused

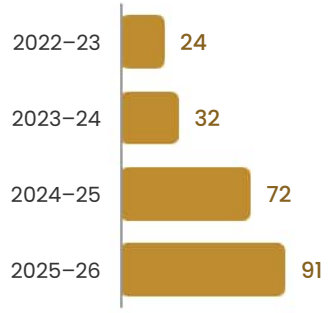
**91**
SDG 12-aligned publications in 2025–26 (+279%)

## HIGHLIGHTS

- Carbon divestment strategy and mandatory Green Procurement Policy govern finances and purchasing.
- Single-use plastics eliminated; e-waste and hazardous effluent management verified by the Tamil Nadu Pollution Control Board.
- MGR REACH mission: energy efficiency, sustainable procurement, waste diversion and green mobility.

## RESEARCH TRAJECTORY

SDG 12-aligned publications per academic year




**+279%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 6 SDG 7 SDG 11 SDG 13

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Registrar

**Dr. M.G.R. Educational and Research Institute (Deemed to be University)** is deeply committed to fostering a sustainable future by embedding the principles of United Nations Sustainable Development Goal 12 (SDG 12) into its core operational, academic, and research frameworks. Recognizing that higher education institutions bear a distinct socio-environmental responsibility, the University has systematically transitioned its campuses into thriving, circular-economy ecosystems. By combining rigorous, multi-disciplinary research with aggressive, zero-waste infrastructure policies, the institution actively models the sustainable consumption and production patterns it champions within the classroom.

The University's strategic roadmap targets a **Net-Zero Carbon Campus milestone by 2045**, a goal operationalized through progressive policies that eliminate single-use plastics, maximize clean energy generation, and enforce closed-loop circular systems for water and solid waste. Over the 2022–2026 reporting cycles, this structural dedication has manifested as an exponential **~279% cumulative growth in SDG 12-aligned research publications**, transforming institutional data into a powerful baseline for global benchmarking.

Through its apex research hubs, including the Dr. APJ Abdul Kalam Centre for Innovation and Entrepreneurship, the University bridges the gap between campus operations and community impact. By developing and deploying real-world solutions—such as smart agricultural innovations for local farmers and strict e-waste and hazardous effluent management systems verified by the Tamil Nadu Pollution Control Board—the University ensures its footprint extends far beyond academia. This comprehensive portfolio outlines Dr. M.G.R. Educational and Research Institute's empirical data, operational milestones, and strategic initiatives, providing concrete evidence of our accelerating momentum toward global sustainability leadership.

## Research Metrics

The provided chart tracks publication metrics aligned with **UN Sustainable Development Goal 12 (SDG 12): Responsible Consumption and Production** over a consecutive four-year period from 2022 to 2026. The data demonstrates a **strong, exponential upward trajectory** in research output or institutional alignment over time.

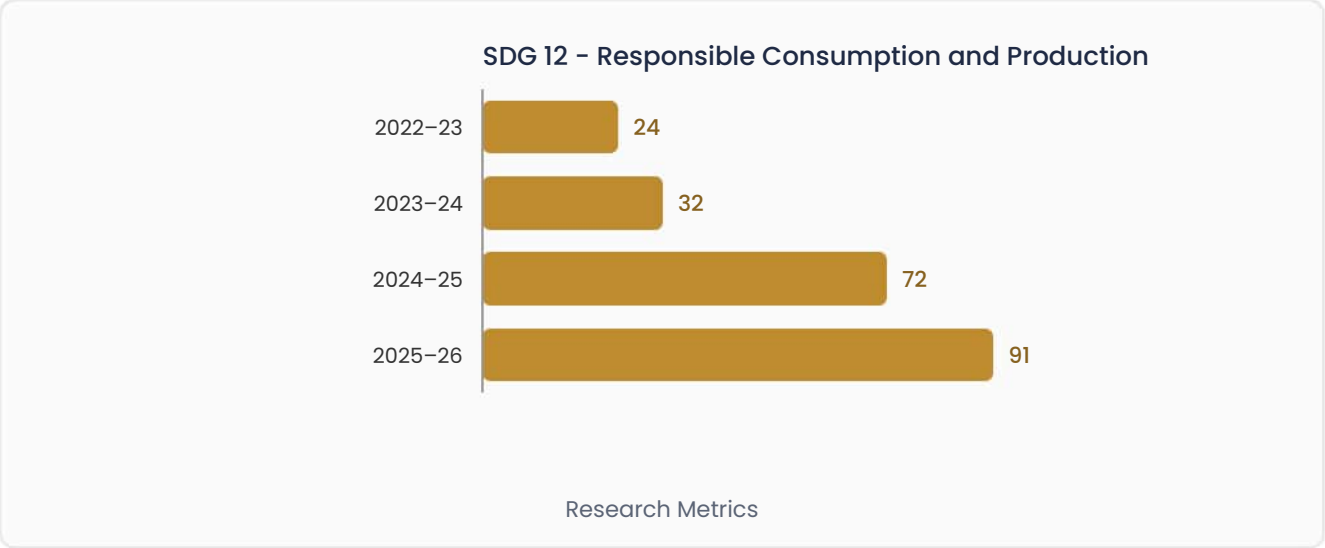
**Total Scale of Acceleration:** From the baseline period (2022–2023) to the final reporting period (2025–2026), publications aligned with SDG 12 increased from approximately 24 to 91 units. This represents a staggering **~279% cumulative growth rate** across the four years.

**The Inflection Point:** The most critical growth phase occurred between the 2023–2024 and 2024–2025 cycles, where output more than doubled (from 32 to 72).



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## Net-Zero Energy & Low-Carbon Mobility

To ensure consumption patterns do not contribute heavily to municipal grids, the university targets a **Net-Zero Carbon Campus milestone by 2045**: **Dr. M.G.R. Educational and Research Institute** is institutionalizing a holistic approach to sustainable development across social, economic, and environmental verticals. In strict alignment with the **United Nations Sustainable Development Goals (SDGs)**, our current initiatives prioritize upgrading public healthcare, mitigating air pollution, executing smart energy and water conservation, and driving a strategic roadmap to achieve a **Net-Zero Carbon Campus by 2045**.

## Vision

To set the global institutional standard for environmental excellence, where carbon neutrality drives innovation, education, and sustainable community transformation

## Mission

Our mission is to aggressively accelerate the transition to a carbon-zero future. MGR REACH commits to neutralizing our entire carbon footprint through rigorous energy efficiency, sustainable procurement, waste diversion, and green mobility. By holding ourselves accountable to verified global benchmarks, we turn climate policy into measurable daily practice, creating a sustainable legacy for our campus and the planet




## Optimization of Wastewater Management

The institution has demonstrated an aggressive upward trajectory in its water loops. The volume of water recycled or reused on campus grew from **18.66% in 2021-22 to a peak of 28.2% in 2025-26**.

- This 9.54% overall increase confirms that the university has progressively optimized its infrastructure (such as treating hospital and institutional wastewater for non-potable uses like landscaping and plumbing flushes).
- For the current 2025-26 period, the baseline annual institutional water consumption stands at **37,466.50 m³/l**, acting as the core yardstick against which this 28.2% recycling efficiency is verified.

## Acceleration of the Circular Bio-Economy (SDG 12)

The data shows a massive escalation in diversion operations, with food waste diverted from landfill rising from **65 tons in 2021-22 to 117 tons in 2025-26** (an 80% surge).

- Rather than a sign of increased systemic waste generation, this steady annual curve demonstrates that the university has significantly ramped up its institutional collection, separation, and active on-site biological treatment protocols (such as food-to-manure processing plants or biomass energy conversion).

SDG 12

| | 2025-26 | 2024-25 | 2023-24 | 2022-23 | 2021-22 |
|---|---|---|---|---|---|
| Total Institutional Water Consumption (Annual): [Cu meters/Litre] | 37466.50 $m^3/l$ | $m^3/l$ | $m^3/l$ | $m^3/l$ | $m^3/l$ |
| Volume of Water Recycled/Reused on Campus: [% or litres] | 28.2% | 25.15% | 19.12% | 18.66% | 18.66% |
| Annual Campus Food Waste Diverted from Landfill: [% or tonnes] | 117 tons | 91 tons | 71.5 tons | 65 tons | 65 tons |
| Clean-Water Community Programs | 15 | 12 | 12 | 10 | 10 |

## 1. Sustainable Investment and Carbon Divestment Mandate

The University's Board of Management enforces a clear **Carbon Divestment Strategy** integrated into its long-term financial management policies. This mandate directs the institution's treasury and financial endowment managers to systemically phase out investments or capital holdings linked to high-carbon industries, fossil-fuel extraction, and non-renewable energy infrastructure.

## 2. Green Procurement and Sustainable Supply-Chain Policy

To minimize upstream scope-3 supply chain emissions, the University operates under a mandatory **Green Procurement Policy** for all departmental acquisitions, IT infrastructure, and campus construction projects:

## 3. Climate Literacy, Research Acceleration, and Community Outreaches

MGRERI leverages its academic capital to drive external climate solutions, which has directly fueled our **~279% cumulative growth in SDG-aligned research output** over the recent reporting cycles:

**Academic Integration:** Climate science, circular economics, and sustainable engineering principles are systematically integrated into mandatory foundation modules across all engineering, humanities, and medical streams.

**Agricultural Tech Outreach:** Through the Dr. APJ Abdul Kalam Centre for Innovation and Entrepreneurship, the University actively deploys agricultural R&D—including drone-based precision farming and soil health monitoring—to help local rural farming communities adapt to changing, unpredictable weather patterns.

Through these combined financial, procurement, and asset-diversification frameworks, Dr. M.G.R. Educational and Research Institute ensures that every rupee spent or invested actively drives down the global carbon curve, embodying the core essence of responsible production and consumption.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/about/ranking/sustainable-development-goals/
- https://drmgrdu.ac.in/about/ranking/sustainable-development-goals/carbon-zero
- https://drmgrdu.ac.in/about/ranking/sustainable-development-goals/sustainability-impact
- https://drmgrdu.ac.in/uploads/Policies/Divesting_Policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Policy_on_Energy_Efficient_Building_Renovations.pdf
- https://drmgrdu.ac.in/uploads/Policies/Water_Conservation_Policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Sustainable_Investment_policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Sustainable_Procurement_Policy.pdf
- https://drmgrdu.ac.in/wp-content/uploads/2026/09/Climate-Action-Policy-1.pdf
- https://drmgrdu.ac.in/uploads/QS/Social_Activities/Environment%20Impact/7%20Green%20audit%20certificate.pdf
- https://www.instagram.com/p/C3DfALdydnk/
- https://www.facebook.com/MGRUniversityDeemed/posts/honorable-president-acs-arunkumar-received-the-certificate-of-appreciation-from-/842424994580252/

## EV Charging Point

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, 11 and 12 by building resilient and sustainable infrastructure and promoting sustainable industrialization. There is a Relux 30 kW EV charging station located in the main campus. The facility was introduced to concurrently charge the university's expanding fleet of electric shuttle options and remain fully accessible to public highway commuters along Poonamallee High Road.

# Dr.M.G.R.

## EDUCATIONAL AND RESEARCH INSTITUTE

**Deemed to be University**

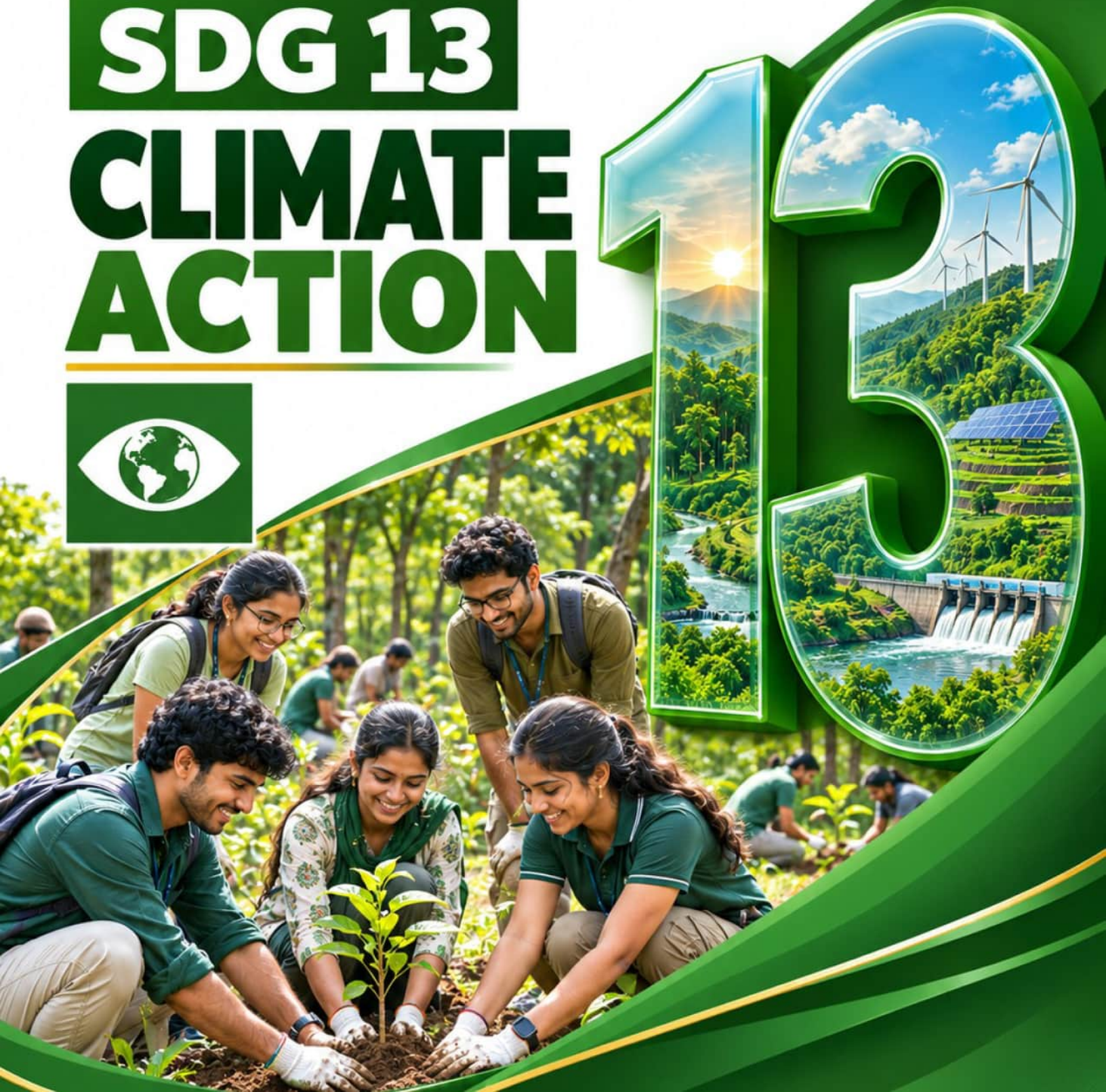
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(An ISO 21001 : 2018 Certified Institution)

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# SDG 13

# CLIMATE ACTION



# 13

SUSTAINABLE DEVELOPMENT GOAL 13

# Climate Action

Green & Smart Campus Policy, climate research hubs and student-led action research.




**2045**
Carbon Zero Campus Commitment

**13**
SDG 13-aligned publications in 2025–26

**15,606 MWh**
campus energy consumption tracked annually

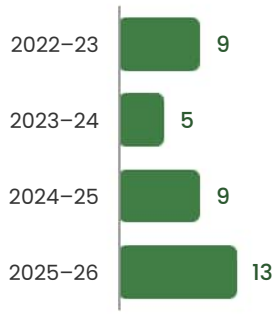
**30 kW**
campus EV fast-charging research station

## HIGHLIGHTS

- Department of Earth and Atmospheric Sciences leads climate modelling, environmental monitoring and disaster management.
- SDG Centre for International Coordination aligns with United Nations Academic Impact.
- Institution of Green Engineers runs the #ENSAV9MANTRAS household resource-saving campaign.
- Climate-literacy forums such as “Decode Super El Niño” link meteorology with student engineering.

## RESEARCH TRAJECTORY

SDG 13-aligned publications per academic year




**+44%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 7 SDG 11 SDG 12 SDG 14 SDG 15



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

**Dr. C. B. Palanivelu**
Registrar

Dr. M.G.R. Educational and Research Institute (ERI) drives carbon reduction and sustainability through its Green & Smart Campus Policy.

- **Core Sustainability Goals:** Focuses on zero-waste operations, resource conservation, and smart energy management to combat climate change (UN SDG 13), closely integrated with SDGs 7, 11, 14, and 15.
- **Institutional Social Responsibility:** Engages in energy and water conservation, pollution control, disaster management, energy audits, and systematic recycling/reuse.
- **Academic Integration:** Embeds environmental stewardship directly into academic curricula and syllabi to foster student and stakeholder responsibility.

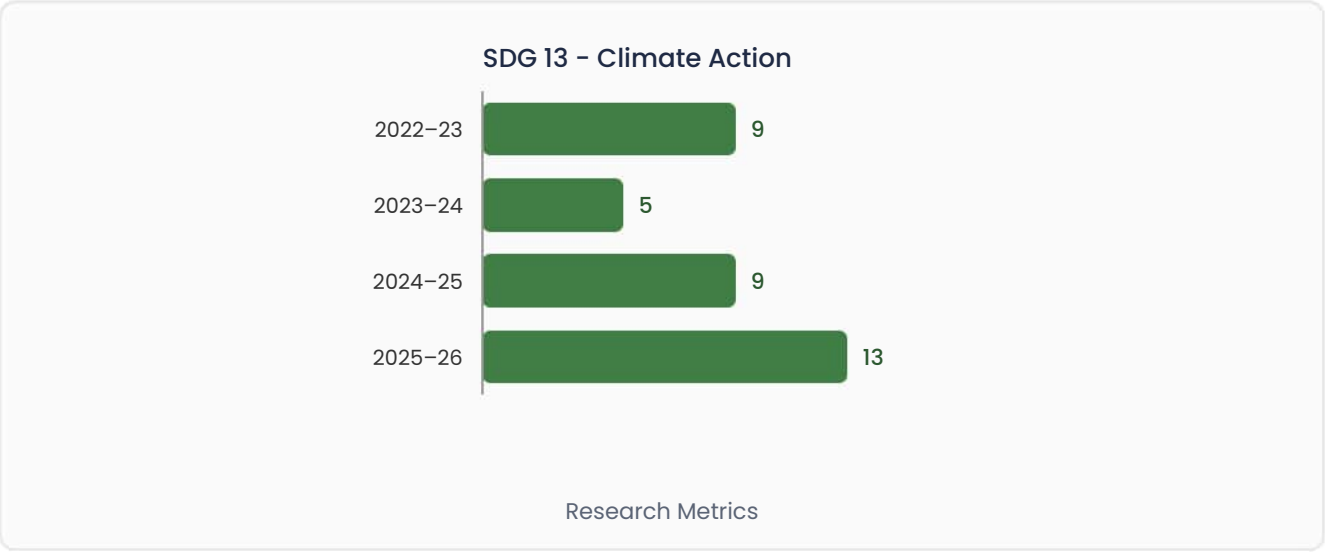
Divestment from Carbon-Intensive Energy Industries: Dr. M. G. R. Educational and Research Institute will divest its investments from carbon-intensive energy industries, with a particular focus on coal and oil. The university will actively seek to reduce its exposure to companies involved in the extraction,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

## Research Metrics

Dr. M.G.R. Educational and Research Institute (ERI) drives several interdisciplinary research initiatives and institutional frameworks specifically targeting climate change mitigation, sustainable development, and clean technology. Centred around its flagship **Carbon Zero Campus Commitment 2045**, the university's research ecosystem focuses heavily on providing actionable, evidence-based solutions to global environmental crises.

The provided horizontal bar chart illustrates the quantitative trends in research output specifically mapped to **UN Sustainable Development Goal 13 (Climate Action)** across four consecutive academic cycles from 2022 to 2026.




- **Accelerating Research Momentum:** Following a temporary contraction in the 2023–2024 period, the subsequent two cycles demonstrate robust, year-over-year growth. The jump from 9 to 13 publications in the final period signals a strong institutional pivot toward climate-centric funding, resource allocation, or faculty prioritization.
- **Alignment with Institutional Policies:** This structural increase in publication volume directly correlates with Dr. M.G.R. ERI's strategic goals, such as the *Carbon Zero Campus Commitment* and the interdisciplinary focus within the Department of Earth and Atmospheric Sciences.
- **Broader Research Integration:** The upward trajectory confirms that academic stakeholders are successfully embedding climate change modeling, energy efficiency tracking, and resource conservation into peer-reviewed engineering and scientific domains.

## 1. Dedicated Academic Hubs & Centers

**Department of Earth and Atmospheric Sciences:** Serves as a primary academic driver for climate tracking, offering focused research programs in climate change modeling, environmental monitoring, geospatial technology, and disaster management.

**SDG Centre for International Coordination:** Aligned with the United Nations Academic Impact (UNAI), this centre acts as an umbrella hub to integrate UN Sustainable Development Goals (primarily SDG 13: Climate Action) directly into higher education and multi-departmental research.

## 2. Core Technological & Environmental Research Areas

The institution focuses its scientific and engineering research on three fundamental environmental pillars:

**Renewable Energy Integration:** Research efforts are directed toward optimizing microgrids, scaling smart power electronics, and maximizing the efficiency of campus rooftop solar layouts.

**Electric Vehicle (EV) Infrastructure:** Investigating grid-to-vehicle power distribution networks, backed by practical testing on campus-based 30 kW EV fast-charging research stations.

**Resource Optimization & Waste Valorization:** Engineering research focused on automated water conservation systems, smart energy management, and scalable recycling techniques aimed at minimizing the university's environmental footprint.

## 3. Community-Led Action & Action Research

**The Institution of Green Engineers (IGEN):** Under joint university leadership, this UN DESA-indexed organization pilots student-driven "action research" projects like the *#ENSAV9MANTRAS* campaign. This initiative tracks and measures the direct impact of resource-saving behavioral adaptations across tens of thousands of regional households to generate data on localized carbon and water reductions.

**Climate Literacy Forums:** The institute frequently structures meteorological awareness programs—such as its *Decode Super El Niño* initiative led by regional cyclone specialists—to bridge the gap between complex climate patterns and student-led engineering solutions.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/about/ranking/sustainable-development-goals/
- https://drmgrdu.ac.in/about/ranking/sustainable-development-goals/carbon-zero
- https://drmgrdu.ac.in/about/ranking/sustainable-development-goals/sustainability-impact
- https://drmgrdu.ac.in/uploads/Policies/Divesting_Policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Policy_on_Energy_Efficient_Building_Renovations.pdf
- https://drmgrdu.ac.in/uploads/Policies/Water_Conservation_Policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Sustainable_Investment_policy.pdf
- https://drmgrdu.ac.in/uploads/Policies/Sustainable_Procurement_Policy.pdf
- https://drmgrdu.ac.in/wp-content/uploads/2026/09/Climate-Action-Policy-1.pdf
- https://drmgrdu.ac.in/uploads/QS/Social_Activities/Environment%20Impact/7%20Green%20audit%20certificate.pdf
- https://www.instagram.com/p/C3DfALdydnk/
- https://www.facebook.com/MGRUniversityDeemed/posts/honorable-president-acs-arunkumar-received-the-certificate-of-appreciation-from-/842424994580252/
- https://www.facebook.com/MGRUniversityDeemed/videos/glimpses-from-decode-super-el-ni%C3%B1o-an-insightful-awareness-program-organized-by-/2482879445543387/
- https://www.instagram.com/mgr.igenensavclub/p/DShSSjygXxL/
- https://www.instagram.com/mgr.igenensavclub/p/DfCLw6Mo6L3/
- https://www.instagram.com/mgr.igenensavclub/p/Dedzs9btytV/
- https://www.instagram.com/mgr.igenensavclub/p/DVUyBAbgfbq/
- https://www.instagram.com/mgr.igenensavclub/p/DdnmvlOSFAI/
- https://www.instagram.com/mgr.igenensavclub/p/DWWKXV7AaaY/
- https://www.instagram.com/mgr.igenensavclub/p/DSVTOeygY5b/
- https://drmgrdu.ac.in/uploads/QS/Happiness/Newsletter_25-26_IEI_I_Year.pdf
- https://www.instagram.com/p/Dbc6G_ViYep/
- https://www.instagram.com/p/DeBr-jzyivd/
- https://igentalk4sdg.theigen.org/
- https://drmgrdu.ac.in/humanities-and-science/earth-and-atmospheric-sciences/home

## Total Annual Campus Energy Consumption

### 1. Campus Energy Footprint & Consumption Trajectory

**Steady Volumetric Growth:** Total Annual Campus Energy Consumption has risen continuously over the evaluated period. It expanded from a baseline of **14,256 MWh in 2021–22** to a peak of **15,606 MWh in 2025–26**.

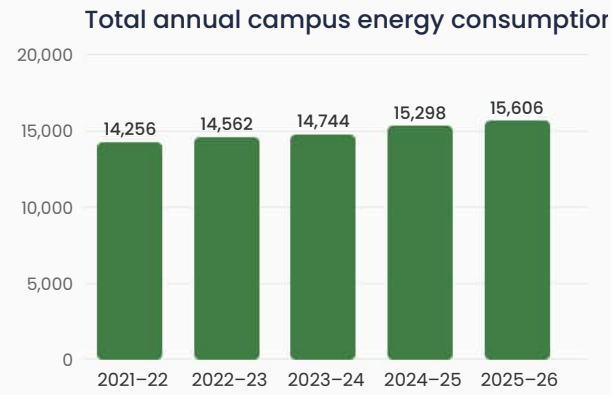
**Compound Increase:** This represents an absolute consumption surge of **1,350 MWh (~9.47%)**, pointing toward structural campus expansions, increased enrollment numbers, or a higher density of energy-intensive technical laboratories.

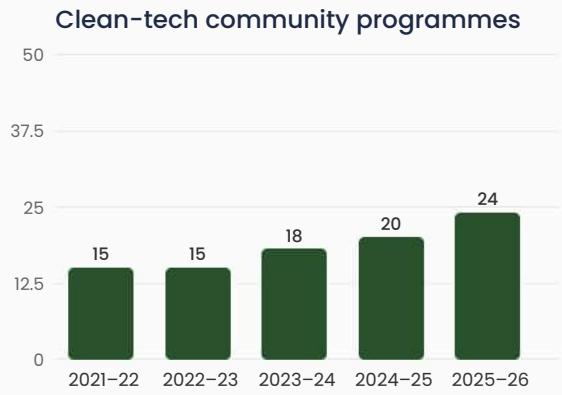


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Professor and Joint Registrar
Team Lead-International Rankings

**Dr. C. B. Palanivelu**
Registrar

| Energy Consumption Details | | | | | |
|---|---|---|---|---|---|
| | 2025-26 | 2024-25 | 2023-24 | 2022-23 | 2021-22 |
| Total Annual Campus Energy Consumption [MWh] | 15606 MWh | 15298 MWh | 14744 MWh | 14562 MWh | 14256 MWh |
| Percentage of Energy from Renewable Sources [%] | 0.329 | 0.34 | 0.366 | 0.378 | 0.39 |
| On-Site Renewable Energy Generated [MWh] | 8.9 MWh | 9.0 MWh | 9.1 MWh | 9.3 MWh | 9.6 MWh |
| Clean-Tech Community Programs | 24 | 20 | 18 | 15 | 15 |




Campus energy Trend

SDG 13

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# SDG 14
# LIFE BELOW WATER



# 14

SUSTAINABLE DEVELOPMENT GOAL 14

# Life Below Water

Engineering solutions and satellite science for healthier aquatic habitats.




**23**
SDG 14-aligned publications in 2025–26 (+109%)

**~60%**
research jump in the 2024–25 breakout year

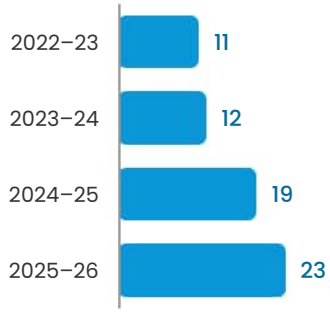
**2**
innovation tracks: debris-clearance gadgets & eutrophication controls

## HIGHLIGHTS

- Mechanised, low-cost devices extract floating plastic and debris from inland and marine waters.
- Tools to clear invasive aquatic weeds protect fish populations from oxygen depletion.
- Remote Sensing & Satellite Oceanography labs map sea-surface temperature, oil spills and coastal change.

## RESEARCH TRAJECTORY

SDG 14-aligned publications per academic year




**+109%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 6 SDG 13 SDG 15

SDG 14

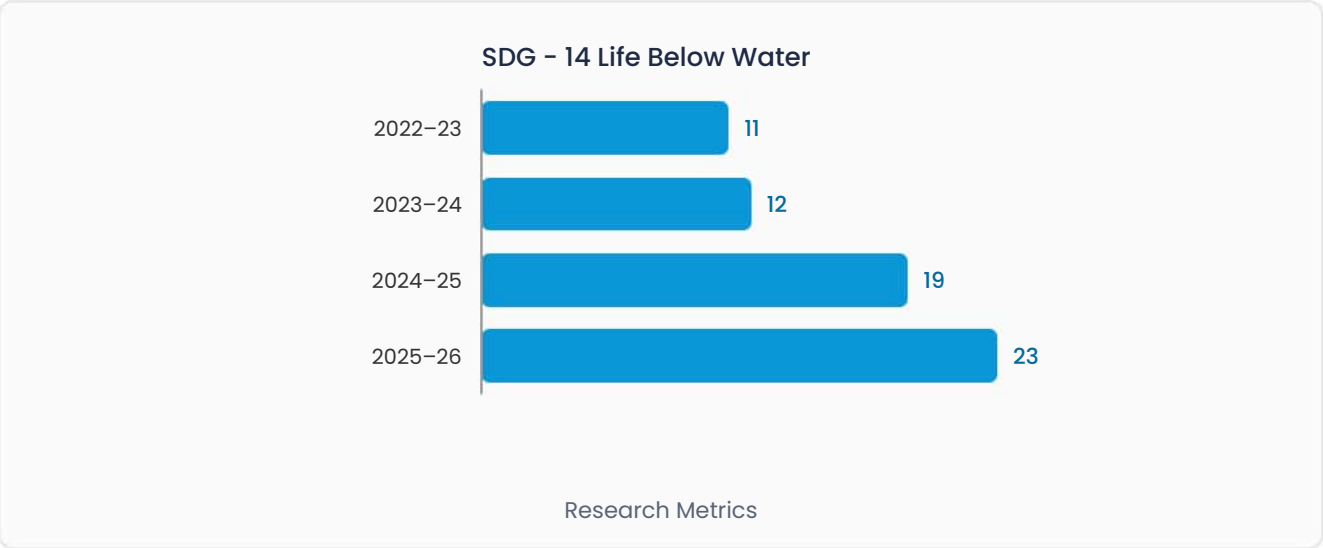
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**Dr. C. B. Palanivelu**
Registrar

**Dr. M.G.R. Educational and Research Institute (Dr. M.G.R. ERI)** has systematically integrated **UN Sustainable Development Goal 14: Life Below Water** into its research frameworks, technological innovations, campus infrastructure, and environmental outreach programs.

## Research Metrics

The provided horizontal bar chart maps the institution's research publication footprint aligned with **United Nations Sustainable Development Goal 14 (Life Below Water)** over a consecutive four-year timeline spanning from 2022 to 2026. The data reveals an **exponential, sustained growth in research output**, indicating a deliberate institutional push toward marine, environmental, and aquatic sustainability metrics.




- **Consistent Upward Trajectory:** Over the observed 4-year horizon, the absolute volume of publications has **more than doubled**, moving from 11 to 23 publications per cycle (+109.1% overall growth).
- ## The 2024-2025 Breakout Flashpoint

> The most critical inflection point occurred between the 2023-2024 and 2024-2025 periods, where output jumped by nearly 60%. This indicates a highly successful systemic transformation—likely correlated with institutional targets, increased research grants, or targeted interdisciplinary publication drives.

- **Entrenched Specialization:** Moving into the 2025–2026 window, the team did not plateau but continued to expand production to an all-time high of 23 papers, solidifying Dr. M.G.R. ERI's national and international visibility within the THE (Times Higher Education) Impact Rankings framework.



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## Technological Innovations & Aquatic Engineering

The university leverages its incubation centers to build engineering solutions for deteriorating local aquatic habitats:

**Aquatic Debris Clearance Gadgets:** Developed via the **Dr. APJ Abdul Kalam Centre for Innovation and Entrepreneurship**, the university has engineered mechanized, cost-effective devices to extract floating waste and plastic debris from marine and inland water surfaces.

**Eutrophication Controls:** The innovation center designs custom tools aimed at clearing invasive aquatic weed overgrowths that cause oxygen-depletion (eutrophication), directly protecting local fish populations.

## Specialized Environmental Research Facilities

The core of the university's quantitative growth curve in publication data comes from specialized, interdisciplinary hubs:

**Satellite Oceanography:** Houses dedicated laboratories working on **Remote Sensing and Satellite Oceanography** to map ocean surface temperatures, oil spills, and changing coastal topography.

**Hydrology and Resource Management:** Conducts multi-departmental research to study how inland water runoffs alter biological diversity in nearby marine regions.

**EVIDENCE LINKS**

- https://www.linkedin.com/company/dr-mgr-ari-naval-and-aerospace-innovation-llp/home/
- https://www.linkedin.com/feed/update/urn:li:activity:7446048655742070784/
- https://www.linkedin.com/feed/update/urn:li:activity:7488955761650245633/
- https://www.linkedin.com/feed/update/urn:li:activity:7485936258721120256/
- https://www.linkedin.com/feed/update/urn:li:activity:7472608208856084481/
- https://www.linkedin.com/in/dr-kamalahasan-murugan-b484151b4/
- https://drmgrdu.ac.in/engineering/civil/research-publications
- https://www.facebook.com/MGRUniversityDeemed/posts/on-un-world-water-day-mgreri-organized-a-river-clean-up-program-on-adyar-river-w/811676344321784/
- https://www.facebook.com/MGRUniversityDeemed/posts/17th-september-is-observed-as-annual-coastal-cleanup-day-around-1-million-volunt/3243271322599039/
- https://drmgrdu.ac.in/uploads/Policies/Water_Conservation_Policy.pdf

# Dr.M.G.R.

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# SDG 15

# LIFE ON LAND



# 15

SUSTAINABLE DEVELOPMENT GOAL 15

# Life on Land

Terrestrial ecosystem and biodiversity research on a hyper-growth curve.




**81**
SDG 15-aligned publications in 2025–26 (+224%)

**72.3%**
growth in the latest year, after 56.7% the year before

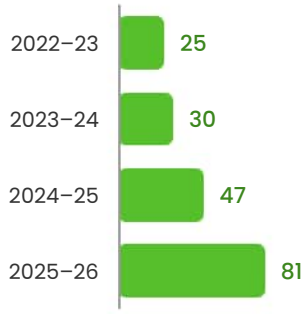
**3.5×**
SDG 15 output relative to SDG 14, reflecting active botany, biotech and chemistry departments

## HIGHLIGHTS

- Land, ecosystem and biodiversity research accelerated twice in succession — no plateau.
- Combined with SDG 14, the university presents a multi-faceted environmental research ecosystem.
- Tree-plantation drives and eco-club activity extend conservation beyond the lab.

## RESEARCH TRAJECTORY

SDG 15-aligned publications per academic year




**+224%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 13 SDG 14 SDG 2

SDG 15

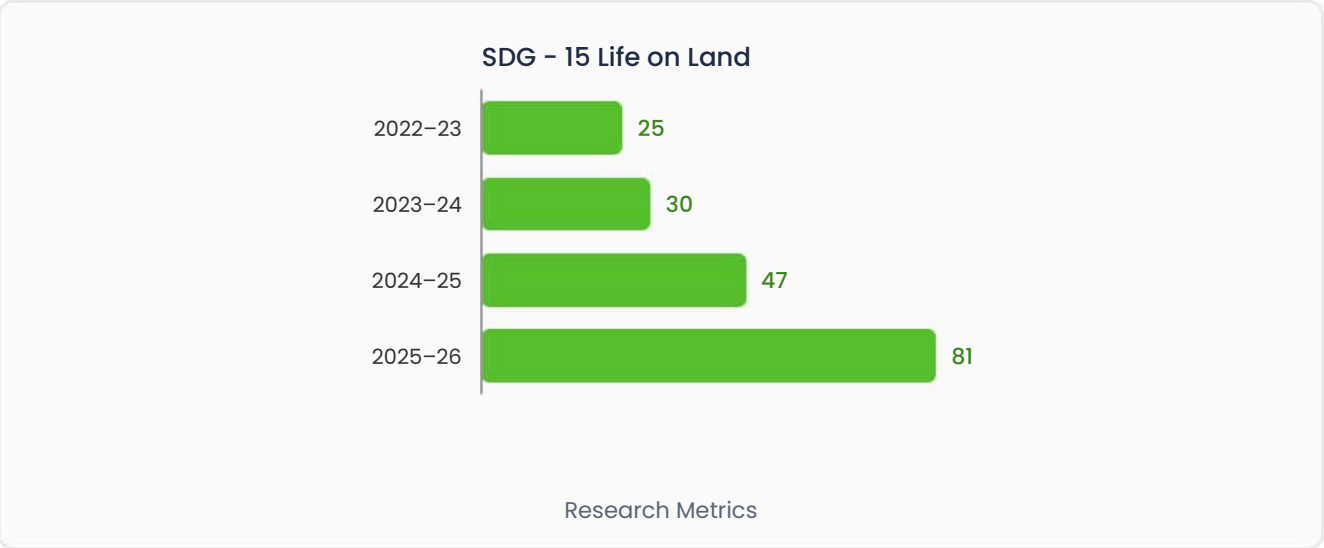
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Professor and Joint Registrar
Team Lead-International Rankings

**Dr. C. B. Palanivelu**
Registrar

**Dr. M.G.R. Educational and Research Institute (Dr. M.G.R. ERI)** has systematically integrated **UN Sustainable Development Goal 15: Life on Land** into its research frameworks, technological innovations, campus infrastructure, and environmental outreach programs.

## Research Metrics

The horizontal bar chart maps the institution's research publication footprint aligned with **United Nations Sustainable Development Goal 15 (Life on Land)** over a four-year timeline spanning from 2022 to 2026. The data reveals an **exponential, record-breaking surge in research output**, showing that the university's land, terrestrial ecosystem, and biodiversity research has grown at an even faster rate than its aquatic (SDG-14) counterpart.




**Phenomenal Hyper-Growth Curve:** Over the observed 4-year horizon, the absolute volume of publications has **more than tripled**, skyrocketing from 25 to 81 publications (+224% overall growth).

**Compounding Momentum:** Unlike many institutions that experience a single breakout year followed by a plateau, Dr. M.G.R. ERI accelerated *twice*. The growth rate jumped from an already impressive **56.7%** in 2024–2025 to a massive **72.3%** in 2025–2026.

**Stronger Foundation than SDG-14:** This terrestrial ecosystem metric (SDG-15) shows a substantially larger volume of total publications (peaking at 81) compared to the aquatic metric (SDG-14, which peaked at 23), indicating highly active departments in botany, biotechnology, chemistry, and environmental science.

Over a four-year academic trajectory, the university has executed a profound, highly coordinated expansion of its ecological research footprint. Terrestrial research (SDG-15) has advanced into a high-yield hyper-growth curve, growing by **224%** to reach a peak volume of 81 publications. Concurrently, marine and aquatic research (SDG-14) achieved sustainable maturity with a **109.1%** net



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Registrar

volume expansion, peaking at 23 publications. Combined, these vectors present a robust, multi-faceted research ecosystem that solidifies the university's positioning as a premier regional driver of environmental sustainability, climate-resilient engineering, and biological conservation.

**EVIDENCE LINKS**

- https://www.linkedin.com/company/dr-mgr-ari-naval-and-aerospace-innovation-llp/home/
- https://www.linkedin.com/feed/update/urn:li:activity:7446048655742070784/
- https://www.linkedin.com/feed/update/urn:li:activity:7488955761650245633/
- https://www.linkedin.com/feed/update/urn:li:activity:7485936258721120256/
- https://www.linkedin.com/feed/update/urn:li:activity:7472608208856084481/
- https://www.linkedin.com/in/dr-kamalahasan-murugan-b484151b4/
- https://drmgrdu.ac.in/engineering/civil/research-publications
- https://drmgrdu.ac.in/about/ranking/sustainable-development-goals/carbon-zero
- https://www.instagram.com/reel/DO3Gr3Vge0g/
- https://drmgrdu.ac.in/uploads/Policies/Water_Conservation_Policy.pdf
- https://drmgrdu.ac.in/uploads/QS/Sustaibale_Pest_Control_Policy.pdf



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# Dr.M.G.R.

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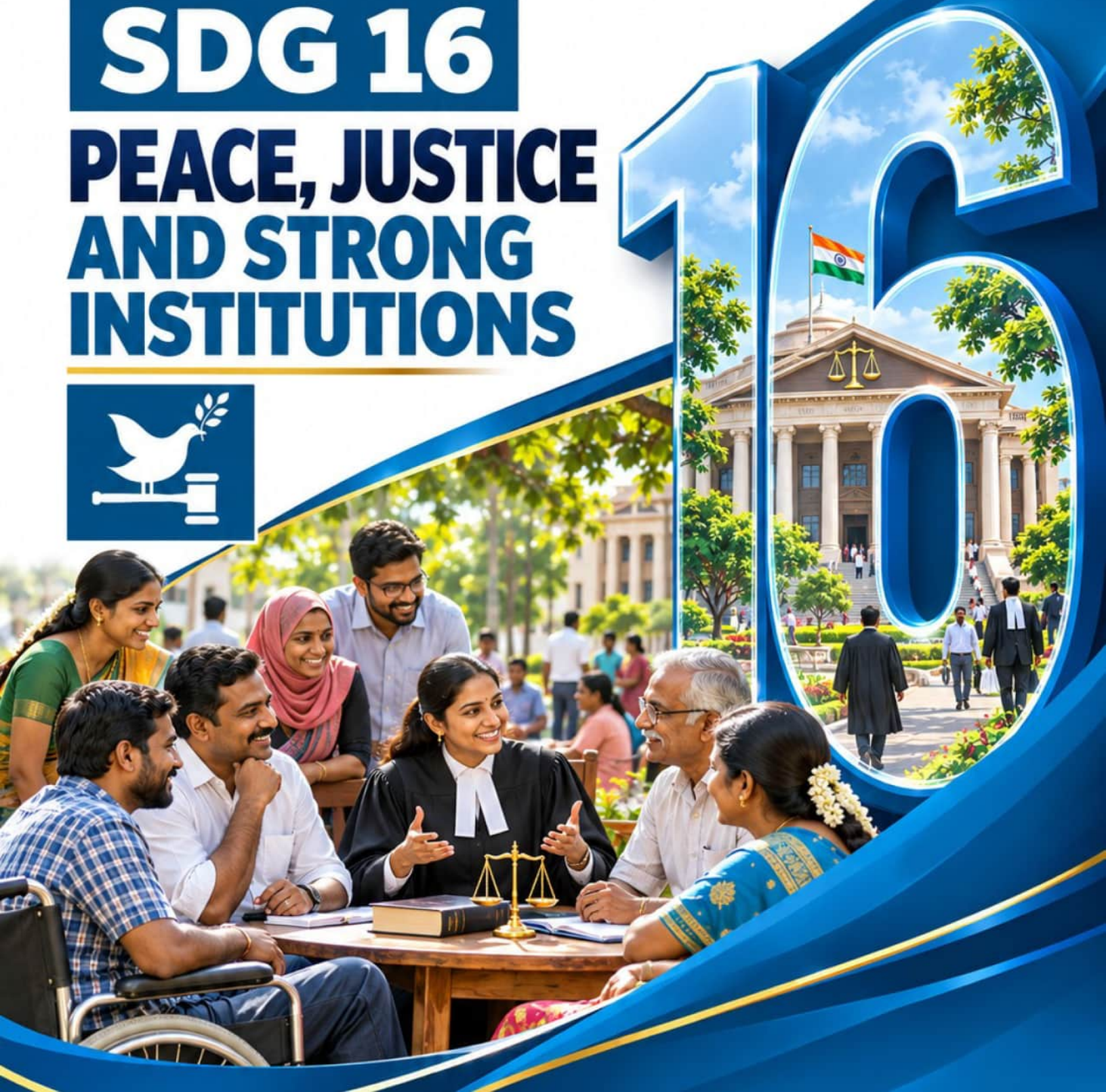
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# SDG 16

# PEACE, JUSTICE AND STRONG INSTITUTIONS



# 16

SUSTAINABLE DEVELOPMENT GOAL 16

# Peace, Justice and Strong Institutions

Inclusive, accountable institutions — from grievance redressal to student-led clubs.




**97**
SDG 16-aligned publications in 2025–26 (from 42)

**15 days**
grievance closure guarantee

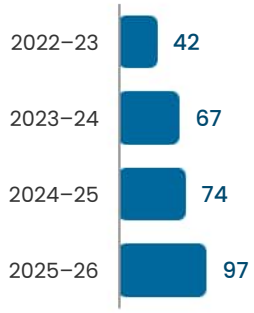
**~60%**
research growth in 2023–24

## HIGHLIGHTS

- Education positioned as a catalyst for national harmony and democratic participation.
- ACS AK Innisai Kuzhu music band flattens hierarchies between staff and students.
- FDPs on Universal Human Values coach faculty on well-being, boundaries and value-based teaching.
- Clubs elect their own office-bearers and close every event with digital feedback that shapes the next.

## RESEARCH TRAJECTORY

SDG 16-aligned publications per academic year




**+131%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 4 SDG 5 SDG 10 SDG 17

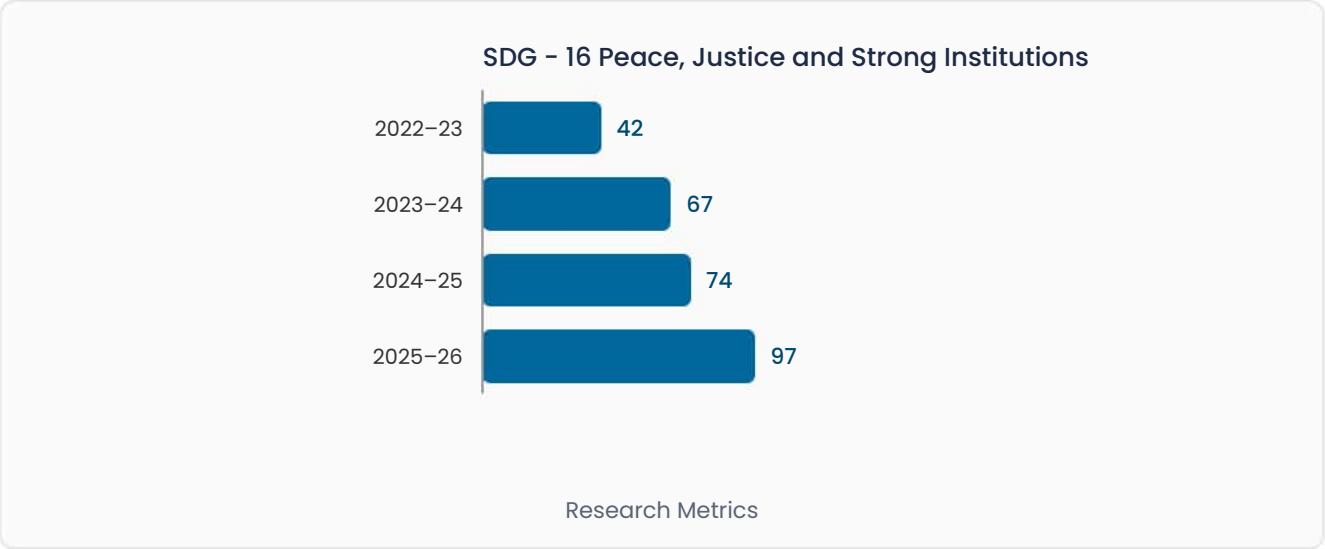
SDG 16

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**Dr. C. B. Palanivelu**
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Dr. M.G.R. Educational and Research Institute remains steadfastly committed to driving societal advancement by providing equitable access to quality education, skill development, and empowerment. By championing UN Sustainable Development Goal 4 (Quality Education), the university fosters an inclusive platform that celebrates national unity in diversity. In alignment with the Ministry of Education's vision, the institution leverages education as a foundational catalyst for national harmony, enabling citizens to appreciate India's diverse cultural fabric while actively participating in democratic and development frameworks. Ultimately, by systematically dismantling social inequalities and driving progress, the university plays a vital role in cultivating the peaceful, just, and accountable governance structures mandated by UN Sustainable Development Goal 16 (Peace, Justice, and Strong Institutions).

## Research Metrics




The horizontal bar chart tracks the volume of research papers, book chapters, or journal publications authored by the institution's faculty and students that actively align with global justice, governance, and institutional strength:

**Academic Year 2022–2023: ~42 publications**. This acts as the baseline year shown on the chart, indicating initial indexing or a starting point for targeted SDG-16 research tracking.

**Academic Year 2023–2024: ~67 publications**. A notable year-over-year increase of approximately 60%, showing a deliberate institutional push toward interdisciplinary research in law, humanities, social sciences, or ethics.

**Academic Year 2024–2025: ~74 publications**. Continued, steady growth indicating sustained funding, faculty research grants, or collaborative projects.

**Academic Year 2025–2026: ~97 publications**. Peak research output, nearly doubling the output from three years prior. This suggests mature research clusters and comprehensive indexing.

## Music band - ACSAK Music Band

ACS AK Innisai Kuzhu (ACS AK இன்னிசை குழு) is the official music band and musical troupe composed of talented staff and students from Dr. M.G.R. Educational and Research Institute in Maduravoyal, Chennai. Named after the university's leadership initials (ACS, honoring Founder-Chancellor Dr. A.C. Shanmugam and President Er. A.C.S. Arunkumar), this musical group serves as a prominent platform for artistic expression within the university ecosystem. The troupe is responsible for leading live musical concerts, orchestra tracks, and cultural performances during major university celebrations, including the annual MGR Fest, Graduation Days, and National Sports Day celebrations. It stands out as a unique institutional initiative where both faculty members and university students collaborate outside the traditional classroom framework, using music to flatten organizational hierarchies and foster strong emotional well-being.

## FDP on Universal Human Values

Work-Life Balance and Professional Hygiene Seminars: Through recurring Faculty Development Programmes (FDPs), the university invites mental empowerment coaches and corporate wellness experts to guide professors. These workshops cover core areas like burnout prevention, workplace stress management, and the execution of healthy professional boundaries. The program aimed to help participants develop clarity in understanding happiness, prosperity, harmony, and co-existence, and to explore how these values can be meaningfully integrated into teaching, professional conduct, family life, and societal engagement. Another key objective was to encourage self-exploration among faculty members, enabling them to become conscious role models for students through value-based education.

## Association day celebration

The Association Day Celebration for the Departments is an annual flagship event driven by the student Association of the respective department. The primary objective of this celebration is to honor the academic milestones, industrial innovations, project completions, and overall student achievements within the department throughout the academic year. The core segment features the presentation of awards for the "Best Outgoing Student," stellar academic top rankers, and students who won top placements in national-level hackathons and technical symposiums. Successful department alumni are invited to share their transition journeys from campus life to corporate landscapes, offering direct career mentoring. The event also features a platform for department level cultural events.

## Grievance redressal cell

At Dr. M.G.R. Educational and Research Institute (Dr. MGR ERI), a robust online grievance redressal mechanism is available to enable stakeholders—particularly students—to register their concerns and administrative needs seamlessly. The Office of the Dean of Student Affairs serves as the central nodal authority, systematically collecting all submissions to ensure structured tracking, proper follow-up, and guaranteed closure within 15 working days of receipt.

## Club Activities

Stakeholder voices are dynamically integrated into student-led clubs across all locations, including the Chennai campuses and the Arni Off-Campus site. Club office-bearers (Presidents, Secretaries, and Treasurers) are chosen from the student body. They voice peer interests during monthly planning meetings to decide what activities are relevant. Every club event concludes with a digital feedback form. If students report that a guest speaker was too theoretical or a workshop lacked hands-on time, that input changes how the next event is structured. Faculty ensure that club themes align with current social and educational priorities, steering extension units like the NSS, NCC, and Eco Club toward high-impact community drives, clean-campus initiatives, and blood donation camps. https://drmgrduarnioc.ac.in/the-tree-plantation-drive-2025/

**EVIDENCE LINKS**

- https://law.drmgrdu.ac.in/orientation-programme-2026/
- https://law.drmgrdu.ac.in/mental-health-and-criminal-justice/
- https://law.drmgrdu.ac.in/brochure-release-ceremony-dr-a-c-s-1st-national-moot-court-competition-2026/
- https://law.drmgrdu.ac.in/
- https://law.drmgrdu.ac.in/legal
- https://drmgrdu.ac.in/uploads/QS/Govern_Stru/Ethics%20Committee/index.html
- https://drmgrdu.ac.in/uploads/QS/Govern_Stru/Com_Rep/COD_Stu/index.html
- https://drmgrdu.ac.in/uploads/QS/Govern_Stru/Com_Rep/COD_Faculty/index.html
- https://drmgrdu.ac.in/uploads/QS/Govern_Stru/Com_Rep/COD_NT/index.html
- https://drmgrdu.ac.in/uploads/QS/Govern_Stru/Com_Rep/AR/index.html
- https://drmgrdu.ac.in//uploads/QS/Happiness/event_calendar.pdf
- https://www.facebook.com/MGRUniversityDeemed/videos/celebrating-pongal-with-tradition-and-togetherness-our-honorable-president-grace/1272464828053058/
- https://drmgrdu.ac.in/aicte-approved-3-days-fdp-on-universal-human-values-uhv
- https://drmgrdu.ac.in/ace-association-day-2026
- https://drmgrdu.ac.in/student-services/committee/students-grievance-redressal-cell
- https://www.instagram.com/reel/DO3Gr3Vge0g/
- https://www.drmgrdu.ac.in/uploads/CoC/Code%20of%20Conduct.pdf
- https://drmgrdu.ac.in/policies



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Registrar

# 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

# SDG 17

# PARTNERSHIPS FOR THE GOALS



# 17

SUSTAINABLE DEVELOPMENT GOAL 17

# Partnerships for the Goals

Government, industry, NGO and international partnerships that carry every other goal.

**67**
collaborative publications in 2025–26

**32**
SDG 17-aligned publications in 2025–26

**100%**
of courses mapped to SDGs under the 2026 regulation

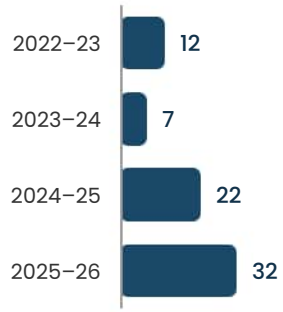
**UN**
SDG Centre logo unveiled at the 6th Global Climate & SDG Synergies Conference, Copenhagen

## HIGHLIGHTS

- International Relations division runs exchange programmes with foreign universities.
- Industry and government partnerships translate research into scalable applications.
- Interdisciplinary ecosystem pools faculty, students and external partners on complex problems.

## RESEARCH TRAJECTORY

SDG 17-aligned publications per academic year




**+167%** change from 2022–23 to 2025–26

CONNECTED GOALS SDG 8 SDG 9 SDG 11 SDG 13

SDG 17

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The vision of impacting the sustainable Development Goals, calls in for a collective responsibility shared between the University, Government Agencies, Private players and the NGOs. The National priorities and mission play a vital role in achieving the various sustainable Development Goals. Projects of National importance are to be strengthened and the methodology to achieve the desired outcomes, wherein the benefits reach the right person standing last in the queue is mandatory. Regular monitoring and audit mechanism and a rigid evaluation framework along with skilled and passionate employees at all ends are required to accomplish the goals. The University has partnered with various Government, Non-Government, Private sector and NGOs to ensure the successful implementation of sustainable development goals (both National and International).

The university utilizes collaborations to integrate sustainability into its core mission and extend its impact beyond the campus:

**International cooperation:** The institute has an International Relations division that facilitates student exchange programs with foreign universities. This initiative exposes students to intercultural environments and fosters global partnerships for sustainable development.

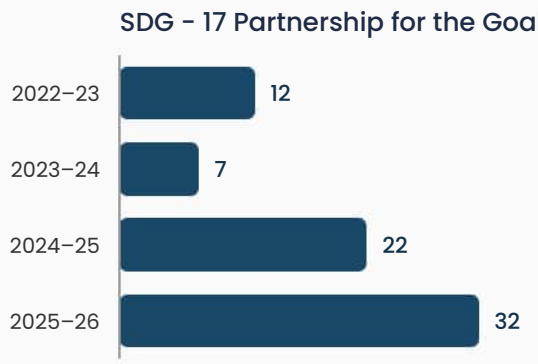
**United Nations engagement:** Dr. M.G.R. ERI's SDG Centre for International Coordination unveiled its logo at the UN's Sixth Global Climate and SDG Synergies Conference in Copenhagen. This demonstrates the university's commitment to and alignment with global sustainable development efforts.

**Industry and government collaboration:** The university partners with various sectors to translate research into real-world applications. Its partnerships with industry leaders and government agencies ensure that its research is relevant, scalable, and impactful.

**Interdisciplinary collaboration**: The institute fosters an interdisciplinary research ecosystem that encourages collaboration among faculty, students, and external partners. This approach promotes the sharing of expertise to tackle complex, multi-faceted problems, a core principle of SDG 17.

## Research Metrics

Based on the provided chart, this image tracks the annual research publication trends of the university mapped against Sustainable Development Goal 17 (SDG 17): Partnerships for the Goals.




The horizontal bar chart highlights a distinct surge in cross-sector and collaborative research outputs over a four-year cycle:

**Academic Year 2022–2023: 12 publications**. This marks the initial baseline, capturing early formalized collaborations and inter-institutional research projects.

**Academic Year 2023–2024: 7 publications**. A temporary dip in publication volume, which typically points to a transitional phase, structural adjustments in tracking, or longer multi-year peer-review cycles for large collaborative papers.

**Academic Year 2024–2025: 22 publications**. A sharp recovery and significant growth phase, more than tripling the previous year's output. This reflects active enforcement of new research Memorandums of Understanding (MoUs) and joint grants.

**Academic Year 2025–2026: 32 publications**. The highest recorded volume on the chart, demonstrating a mature network of domestic and international research partnerships.

## Courses mapped with SDGs

Mapping academic courses to the United Nations Sustainable Development Goals (SDGs) represents a significant advancement in curriculum architecture. For an institution like **Dr. M.G.R. Educational and Research Institute (Deemed to be University)**, this structural shift directly formalizes its academic operations to meet both national education standards and global ranking benchmarks. According to the 2026 regulation ALL courses are mapped to the SDGs as a mandate.

**EVIDENCE LINKS**

- https://drmgrdu.ac.in/uploads/QS/First_year_E%26T-R26.pdf
- https://drmgrdu.ac.in/about/international-relations/
- https://drmgrdu.ac.in/about/international-relations/mous/
- https://drmgrdu.ac.in/about/international-relations/exchange-programs/
- https://drmgrdu.ac.in/admissions/international-student-cell-isc/
- https://drmgrdu.ac.in/innovation-and-entrepreneurship/#
- https://www.drmgrduaocconference.com/
- https://www.instagram.com/p/DcL3uBMD2uH/
- https://drmgrduarnioc.ac.in/mou-signed-with-inti-international-university-malaysia/
- https://www.instagram.com/p/DbKtQENjUsR/
- https://www.facebook.com/ACSArunKumar/photos/1395298339279614/
- https://www.facebook.com/ACSArunKumar/posts/delighted-to-distribute-scholarships-to-our-students-who-successfully-completed/1565253758950737/
- https://www.instagram.com/p/DdEo0RVk76x/
- https://www.instagram.com/reel/Ddtyc9Zygk2/
- https://drmgrdu.ac.in/engineering/dsai/global-connect
- https://www.instagram.com/reel/DVqxrLXAF7h/
- https://www.linkedin.com/posts/drmgr-mgreri-corporateconnect-ugcPost-7436792327081439232-zOPD/
- https://www.instagram.com/p/DYmCMxuDTti/
- https://drmgrdu.ac.in/category/mou/
- https://drmgrdu.ac.in/uploads/QS/MGR_Publication_List_SDG_Mapped_%282022-26%29.xlsx

## Cross Border Research Collaborations

Dr. M.G.R. Educational and Research Institute (Deemed to be University) has demonstrated a strong, upward trajectory in high-impact academic output, particularly through cross-institutional and international collaborative publications. The data presented in the chart highlights the steady scaling of these collaborative research projects between the 2022 and 2026 academic periods:

**Rising Engagement:** The university initiated this growth phase with **59 collaborative publications** in the '22-'23 period.

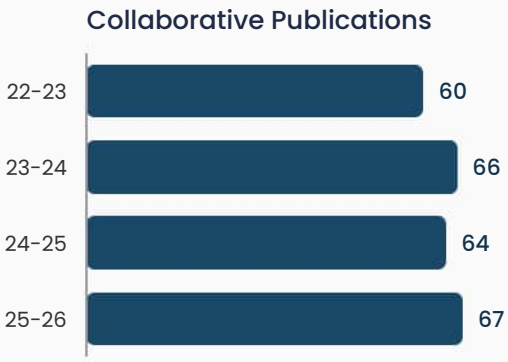
**Steady Scale-up:** A rapid influx of new joint partnerships pushed volumes to **65** ('23-'24) and **64** ('24-'25) publications.

**Peak Output:** Collaborative outputs reached their historical maximum during the **'25-'26** period with **67 publications**.

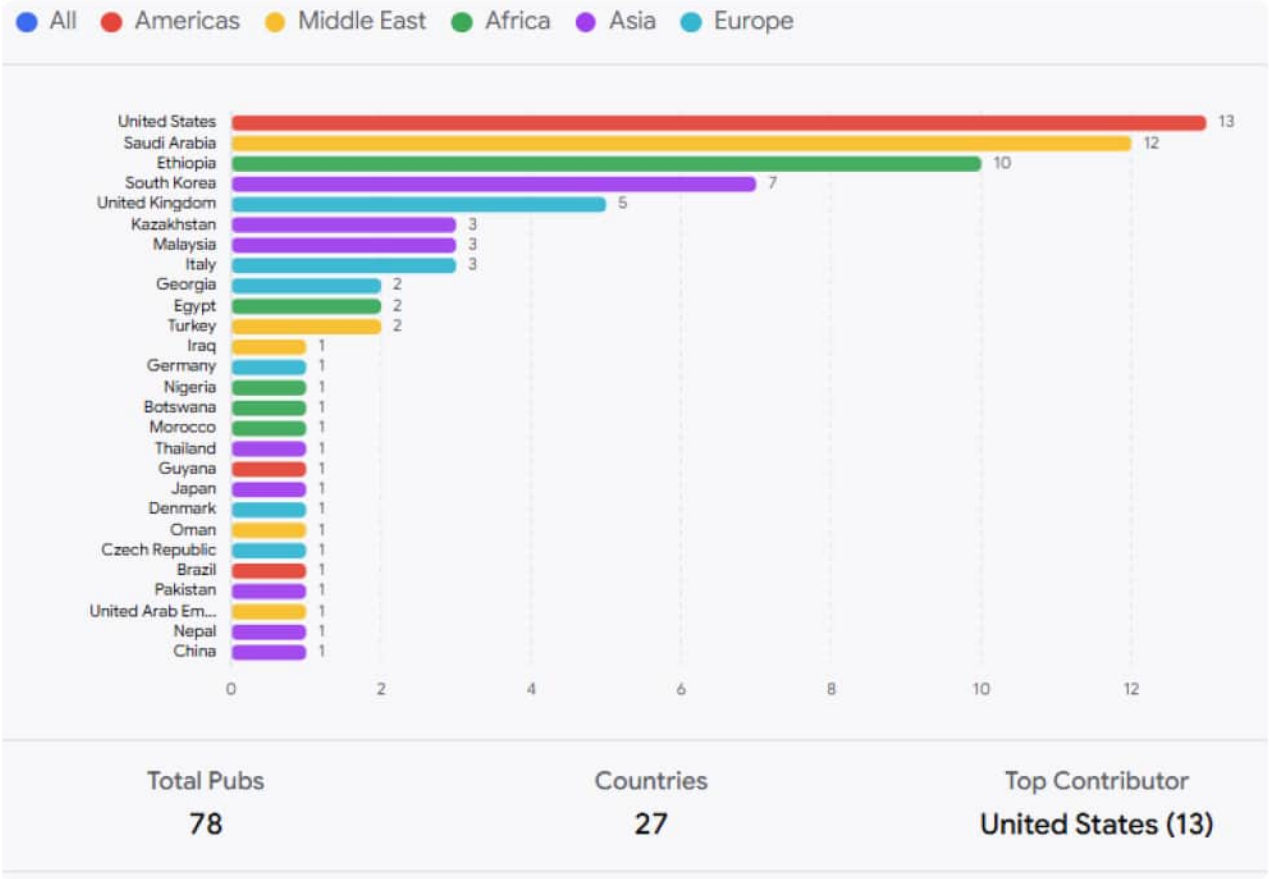


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## Countries associated with the Publications




SDG 17

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CLOSING

# Commitments carried forward

The policies and targets stated across the chapters, gathered in one place.

SDG 12

### Net-Zero Carbon Campus by 2045

MGR REACH commits to neutralising the institution's carbon footprint through energy efficiency, sustainable procurement, waste diversion and green mobility.

SDG 13

### Divestment from carbon-intensive energy

The Board of Management's carbon divestment strategy phases out holdings linked to coal, oil and fossil-fuel extraction.

SDG 12

### Green Procurement Policy

Mandatory for departmental acquisitions, IT infrastructure and campus construction, to address scope-3 supply-chain emissions.

SDG 17

### Every course mapped to the SDGs

Under the 2026 regulation, all courses are mapped to the Sustainable Development Goals as a mandate.

SDG 16

### Grievance closure within 15 working days

The Office of the Dean of Student Affairs tracks every submission to structured closure.

SDG 9

### Momentum Seed Grant 2026

Over 100 projects funded annually, now extended to the Arni rural campus with 25 proposals and ₹30 lakh.

SDG 3

### Outreach through constituent hospitals

Mobile units, multi-specialty camps and NGO partnerships continue to carry free care to rural and semi-urban communities.

SDG 7

### Renewal of on-site renewable capacity

Recorded decline in on-site generation (9.6 → 8.9 MWh) is flagged for infrastructure attention alongside expanding clean-tech outreach.

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# UN Sustainable Development Goals

Compliance Portfolio 2027

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