THE IMPACT RANKING 2025 Overall Report



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

SCATIONAL AND RESEARCH Registrar Office Perkyar E.V.R. High Road Maduravoyal Chennai-600 095 C. B. B. Babuive W Registrar

REGISTRAR Dr.M.G.R

EDUCATIONAL AND RESEARCH INSTITUTE (Deemed to be University) Periyar E.V.R. High Road, Maduravoyal, Chennai-600 095



VISION OF Dr. MGR ERI

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

MISSION OF Dr. MGR ERI

• 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.

• 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.

• 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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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:

- Poverty and inequality: The SDGs aim to end poverty and inequality everywhere
- Protecting the planet: The SDGs seek to protect the planet and address climate change and environmental degradation
- Health, justice, and prosperity: The SDGs aim to ensure that all people have access to health, justice, and prosperity
- Leaving no one behind: The SDGs are designed to ensure that no one is left behind
- Combating violent conflict: The SDGs aim to tackle the causes of violent conflict
- Human rights abuses: The SDGs aim to address human rights abuses
- 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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IMPACT OF Dr. MGR ERI ON SUSTAINABLE DEVELOPMENT GOALS

Dr. MGR Educational and Research Institute is a pioneer in the field of Quality Education for all which forms the SDG 4. The University had its humble beginning in the year 1985 as a Polytechnic Institution and aiming to bring about change and progress through education, ambitiously has grown into a multi-faceted University in the year 2003 mapping all the Sustainable Development Goals spread across all the fourteen different faculties under its empowered wings of wisdom.

In Dr. MGR Educational and Research Institute, we are not only committed to nurture our stakeholders through Quality Education but also enable them to be a part of the broader society, contributing towards its up-liftment by applying their knowledge and skills in line with the University's vision. A rich curriculum coupled with high-quality teaching is the backbone of the robust academic program being offered at Dr. MGR ERI. The curriculum and the syllabi are designed to achieve academic excellence and professional competency to find solutions to the local, national, regional, and global health care needs and Industry integration and Internationalization.

The University has a very strong connect with the local community through various Healthcare programmes, Energy and Water Conservation Programmes, Entrepreneurship initiatives through the Dr. APJ Abdul Kalam Centre for Innovation and Entrepreneurship. Farmers in the local villages are supported through the R and D initiatives like agricultural drones for better harvest, food safety and healthy eating and mental health awareness. Not only that, the Faculty of Education is committed to foster education to all through various outreach events. On the whole, significant impact is created towards the various SDGs and visible outcomes are achieved.



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Before UNDP Initiative	After UNDP Initiative	Impact	Evidence
Per Capita income was very less as unemployment was prevalent	15 districts including aspirational districts were developed by providing employment which led to sustainable likelihood	Skilled 304 candidates (rural youth), assessed 292 candidates, certified 270 candidates (NSQF aligned), employment letters for 216 candidates and sustained placement of 115 candidates	https://kaushalbhar at.gov.in/public- report/gettrainingc enter?so_id=MTAw MjU4Ng==



awareness	Wide	More than 10000 families were	https://www.facob
beneficiaries regarding the initiative under MSME	awareness was created through scheduled sensitization programs and distribution of handouts	benefited and the number of successful registrations in the district of Vellore and Thirupathur was evident, through the Mega Job Fairs conducted. Also more than 9000 people were given placement support	https://www.faceb ook.com/photo.php ?fbid=74510705430 6844&id=10006422 6673921&set=a.413 272650823621

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3 GOOD HEALTH AND WELL-BEING

Before Initiative	After Initiative	Impact	Evidence
The local	Non-Invasive,	More than 8000 beneficiaries have	https://www.drmgr
community	Rapid, Specific	been sensitized on good health	du.ac.in/course-
lacked	and Sensitive	and well being	details.php?academi
proper	Electro	1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	c=1&department=7
medical	Chemical	Supported the Bio technology	<u>#research</u>
facilities	Biosensor for	Industry Research Assistance	
	COVID 19	Council with the findings from our	https://college.rrm
Lack of	infection.	Covid 19 research	ch.org/department/
awareness			central-research-
on good	Mosquito	More than 2500 healthcare	lab/
health	biodiversity and	professionals are graduated to	
	insecticide	serve the society this year	https://hospital.slm
Limited	resistance	neer age to service a service of a service of the s	ch.ac.in/event_type
awareness	documentation		/awareness/
on	using		
environment	phenotypic and		https://acsmch.ac.i
and well	meta-barcoding		n/seed-money-
being	methods		projects/
	03 Health care		
	Entrepreneurs		
	were developed		

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Before Initiative	After Initiative	Impact	Evidence
Limited exposure to	Future Skills under IT- ITeS sector introduced	Graduates are crafted to be skillful and industry ready 240 candidates successfully	https://www.drmgrdu.ac. in/Programs-offered/485
Industry oriented on job training	10 Rural candidate employment courses introduced	trained under the Skill Hub Initiative 304 candidates trained and certified under UNDP program	https://www.drmgrdu.ac. in/uploads/IIPC/Annual% 20Report%202022%20- %2023.pdf
		Improved employment ratio and sustainable livelihood	https://kaushalbharat.g ov.in/public- report/gettrainingcenter ?so_id=MTAwMjU4Ng==

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Before Initiative	After Initiative	Impact	Evidence
No successful women Entrepren eurs	Sensitization of the initiative and Seed fund was given for innovative start-up ideas (especially focusing on women candidates)	02 successful Women Entrepreneurs on board	https://www.instagram. com/p/CxshWKCRLjz/?i mg_index=1 https://www.drmgrdu.a c.in/Innovation-and- Entrepreneurship/453



Before Initiative	After Initiative	Impact	Evidence
Water scarcity during summer in the city of Chennai as no perennial water resource available	Hydrographic surveys around Abandoned quarries in and around Chennai Assessment of various oceanographic parameters were conducted	This study was successfully completed and 60 Lakh people got benefited for 100 days of drinking water supply. It is possible to store at least 0.55 TMC of water for water starving Chennai City. Four important cruises were conducted during 2020-2022 along three transects around Chennai region.	https://demo.drmg rdu.ac.in/engineeri ng/civil/research/

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Before Initiative	After Initiative	Impact	Evidence
Inflated	Rooftop Solar	The energy output of the	https://www.drmgrdu.ac.
energy	Program	solar panels are utilized for	in/Infrastructure-amp-
bills	implemented	the power requirements for	Facilities/487
		the university and the	Name of Street S
		power output of the solar	
		panel are also connected to	
		the power grid of the TNEB	
		where the excess power is	
		pumped back to the grid	
	Energy Swaraj	More than 500 candidates	
Lack of	Drive	received certificate for	https://www.facebook.co
awareness		Energy Literacy	m/MGRUniversityDeeme
			d/posts/the-department-
			of-electrical-and-
		Recognized as CSR World	electronics-engineering-
		Leader	joined-hands-with-
			aicte/2678631835729660
		Creating Energy	L
	Kalam Ensaver	Conservation Awareness to	
	Village Project	260 families and distributed	
Enlighteni		260 LED Energy efficient	
ng the		bulb to each residents	https://www.drmgrdu.ac.
local			in/Activities/445
village on		Through the Energy	
wise		conservation Awareness	https://www.drmgrdu.ac.
energy		Club activity saved nearly	in/uploads/EnSasv/Repor
usage		91,250 units /year which in	t/Kalam-
1 53		Succession saved nearly	%20Ensaver%20Village%
		1,18,625 kg of Co2	20Project.pdf
		Saved 91,250 units/ year	
		sequentially saved nearly	
		63875 m3 of water	·



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Before Initiative	After Initiative	Impact	Evidence
Per Capita income was very less as unemploy ment was prevalent	15 districts including aspirational districts were developed by providing employment which led to sustainable likelihood	Skilled 304 candidates (rural youth), assessed 292 candidates, certified 270 candidates (NSQF aligned), employment letters for 216 candidates and sustained placement of 115 candidates	https://kaushalbharat.g ov.in/public- report/gettrainingcenter ?so_id=MTAwMjU4Ng==



Before Initiative	After Initiative	Impact	Evidence
Lack of awareness on Entrepreneurs hip initiatives	Incubation unit was set up to foster innovation and entrepreneursh ip	18 Start ups have been successfully incubated 10000 artisans have registered with the MSME initiative through the awareness campaign	https://www.drmgrdu.a c.in/Innovation-and- Entrepreneurship/450
		100+ patents approved	https://www.drmgrdu.ac. in/Research/274

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Before Initiative	After Initiative	Impact	Evidence
Lack of awareness on development initiatives for artisans and road side vendors	The under privileged section of the society had access to the useful governmental initiatives	10000 artisans have registered with the MSME initiative through the awareness campaign Skilled 304 candidates (rural under priviledged youth), assessed 292 candidates, certified 270 candidates (NSQF aligned), employment letters for 216 candidates and sustained placement of 115 candidates	https://kaushalbharat.g ov.in/public- report/gettrainingcenter ?so_id=MTAwMjU4Ng==

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Before Initiative	After Initiative	Impact	Evidence
No awareness towards sustainable practices	Sustainable transport charging station erected for	Reduced carbon emission and pollution	https://www.facebook.com /photo.php?fbid=78448034 3708051&id=10006438278 4174&set=a.632358255586 928&locale=zh_CN
	promoting green transportation	500 candidates completed the course successfully and 1611 participated	https://www.facebook.com /MGRUniversityDeemed/po sts/the-department-of-
Energy Literacy was not prevalent	Literacy on "Design a solar system for Homes"	Through the Energy conservation Awareness Club activity saved nearly 91,250 units /year which in Succession saved nearly	electrical-and-electronics- engineering-joined-hands- with- aicte/2678631835729660/
	nomes	1,18,625 kg of Co2	ACT4SDGs – Dr.M.G.R.Educational & Research Institute



Before Initiative	After Initiative	Impact	Evidence
lo awareness owards ustainable oractices for oetter life on and	Sustainable transport charging station erected for promoting green transportation	Reduced carbon emission and pollution	https://www.facebook.cc m/photo.php?fbid=7844 80343708051&id=10006 4382784174&set=a.6323 58255586928&locale=zh



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Energy		500 candidates completed	m/MGRUniversityDeeme
Literacy was	Literacy on	the course successfully and	d/posts/the-department-
not prevalent	"Design a solar	1611 participated	of-electrical-and-
	system for	Condition Dates 201	electronics-engineering-
	Homes"		joined-hands-with-
	5 W 1 4 5 W 1 4 5 W 1 4 5 W 1 4	9	aicte/2678631835729660
		Through the Energy	L
		conservation Awareness	
		Club activity saved nearly	ACT4SDGs -
		91,250 units /year which in	Dr.M.G.R.Educational &
		Succession saved nearly	Research Institute
		1,18,625 kg of Co2	



Before Initiative	After Initiative	Impact	Evidence
Awareness on climate change was evident however research for impact the same was a threat	The study resulted was conducted with Anna Nagar hotspots having maximum correlation of 54% for (PM5) and 60% for (PM10) Covid- 19 mortality	Identified 32 wards and 349 streets, with PM10 and PM5 concentrations over an area of approximately 21.2 km2 and 7.41 km2, respectively	https://demo.drmgrdu.a c.in/engineering/civil/re search/

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Before Initiative	After Initiative	Impact	Evidence
Funds were not available for conducting the research	Assessment of various oceanographic parameters and development of	Four important cruises were conducted during 2020-2022 along three transects around Chennai region	https://www.indiascienc eandtechnology.gov.in/h i/research/assessment- various-oceanographic- parameters-and-
	regional bio- optic algorithms for primary production estimates around eastern	Collected samples were analyzed for various physico – chemical and biological parameters like Chlorophyll and primary production Remote sensing derived	development-regional- bio-optical-algorithms- primary https://demo.drmgrdu.a c.in/engineering/civil/re search/
	coast of Tamilnadu, India	chlorophyll values are given as an input to modify renowned primary production models towards developing a regional bio- optical algorithm for the study region	searchy

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Before Initiative	After Initiative	Impact	Evidence
No awareness towards sustainable practices for better life on land	Sustainable transport charging station erected for promoting green transportation	Reduced carbon emission and pollution	https://www.facebook.co m/photo.php?fbid=7844 80343708051&id=10006 4382784174&set=a.6323 58255586928&locale=zh CN https://www.facebook.co
Energy Literacy was not prevalent	Literacy on "Design a solar system for Homes"	500 candidates completed the course successfully and 1611 participated Through the Energy conservation Awareness Club activity saved nearly 91,250 units /year which in Succession saved nearly	m/MGRUniversityDeeme d/posts/the-department- of-electrical-and- electronics-engineering- joined-hands-with- aicte/2678631835729660 ACT4SDGs – Dr.M.G.R.Educational & Research Institute

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Before Initiative	After Initiative	Impact	Evidence
Lack of funds to support the initiative towards peace and justice	Tandem Cycling by Alumni Ambassador to raise awareness about trafficking in the US and to raise funds for organizations dedicated to rescuing and rehabilitating victims of trafficking	Naresh Kumar cycled 74 days and 8,646 kilometers across 13 countries on a tandem bike	https://www.drmgrdu.a c.in/news- details.php?newsid=360





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