

# **THE - Impact Rankings 2026**

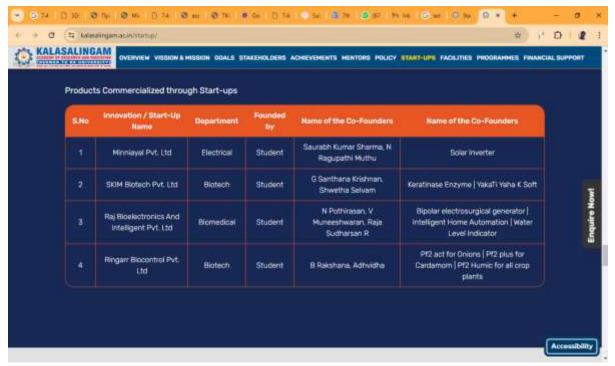


### SDG 7.4.5. Assistance to low-carbon innovation

1. The Kalasalingam Technology Business Incubator (KTBI) was established in the year 2015, which was started as Innovation and Entrepreneurship Development Centre (IEDC) with the support of NSTEDB National Science and Technology Entrepre-neurship Development Board (NSTEDB), Department of Science and Technology (DST), New Delhi. Students and faculty are motivated to convert their innovative ideas to product with the support of KTBI under IEDC scheme, which strengthens the entrepreneurial ecosystem. To add the feather on the cap recently our KTBI is recognized by MSME under the scheme "Support for Entrepreneurial and Managerial Development of MSME's through Incubator

S.No	Name of Startup	Incorporation Number/CIN	Founder Name	Email address	Phone number
		U73100TN2017PT		leo.ragu.001@gmai	
1	Minniyal Pvt Ltd	C118213	Ragupathi Muthu	<u>l.com</u>	94428 14018
		U73100TN20178PT	Santhoshram	k.vijayakumar@klu	
2	Thaaniyal Pvt.Ltd	C126582	Gireeswarakumar	.ac.in	96008 93226
	Optimum Energy Solar			pksvijay@gmail.co	
3	System	TN02E0133868	Mr.K.Vijayabaskar	m	95009 50060
	SRP Clean Energy Pvt.	U74999TN2017PT	Sandhoshkumar	sandhosh.s@gmail.	
4	Ltd	C116751	Singaravelu	com	99429 58899
	Aanandhamayaa	U40108OR2016PT		info@greensolution	
5	Green Solutions	C025314	Mala R	sindia.com	712225 0021





Weblink: <a href="https://www.kalasalingam.ac.in/startup/">https://www.kalasalingam.ac.in/startup/</a>

#### 2. Patents

Professors of KARE have made remarkable strides in the field of sustainable development, earning various patents for their innovative low-carbon technologies. These patents include cutting-edge solutions that focus on reducing carbon emissions, enhancing energy efficiency, and promoting renewable energy sources.

## List of Patents Published (2023-24):

S.	Application			Published	
No.	No.	Title of the Invention	Filing Date	Date	Name of the Applicant
1.	202341013363	Portable Climate	2/28/2023	01-05-2024	1)Dr. V. Muneeswaran
	A	Controller for Mushroom			2)Shaik Javed
		Cultivation using IoT			3)Satram Raghu
					4)Vanapalli Vaswanth
					5)Somala Priyanka
					Kalasalingam Academy of
					Research And Education
2.	202341005319	Automated and Energy	1/27/2023	02-02-2024	1)R. Raja Subramanian,
	A	Efficient Dosa			2)R. Raja Sudharsan
		Preparation and Delivery			Kalasalingam Academy
		Machine			Of Research and
					Education



3.		• •	05-10-2024	Dr. J R Jessy Michla
	A	Waste to Energy Conversion System		Kalasalingam Academy of Research and Education
4.	202441042263 A	Electric Heater With Customizable Heating Area For Improved Energy Efficiency In Commercial Kitchens	6/14/2024	1)S. Shasi anand 2)P.Jayakumar Kalasalingam Academy of Research & Education
5.	202441052613 A	Implementation Of Distributed Renewable Energy Systems Through Machine Learning By Newton Raphson Me	7/19/2024	1) M.K. NAGARAJAN, Kalasalingam Academy of Research & Education
6.	202441093021 A	Integration Of Triboelectric Nano Generators (Tengs) Into Smartphone Screens For Enhanced Energy Efficiency	12/27/2024	1)Dr. Shashi Kant Dargar, 2)Charles J.Pravin, 3)Dr. Abha Dargar, 4)Logadharani K

# 3. Funded Projects

As the university in its mission seeks to contribute to the development of society, it contributes in many funded projects. Some of these projects aim to improve the clean energy and climate change:

S.No	Name of the Project	Name of the Faculty	Name of the	Funded By
			Students	
1	Development of novel solar based	Dr S. Vanitha,	Ramkumar S,	TNSCST
	handheld composter for managing	Dr.M.Pallikonda	Arockiya John	
	organic waste from simple	Rajasekaran	Britto J, Yuvaraj	
	residential building		Panding M	
2	Design and fabrication of electric	Mr.T.Raj Pradeesh	Abhishek C S B	TNSCST
	earth Auger using solar Energy		Suresh Sangeeth	
			Muhammed	
			Fasith M	