



THE - Impact Rankings 2026



Ensure access to affordable, reliable,
sustainable and modern energy for all

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 Entrepreneurship 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
1	Minniyal Pvt Ltd	U73100TN2017PTC118213	Ragupathi Muthu	leo.ragu.001@gmail.com	94428 14018
2	Thaaniyal Pvt.Ltd	U73100TN20178PTC126582	Santhoshram Gireeswarakumar	k.vijayakumar@klu.ac.in	96008 93226
3	Optimum Energy Solar System	TN02E0133868	Mr.K.Vijayabaskar	pksvijay@gmail.com	95009 50060
4	SRP Clean Energy Pvt. Ltd	U74999TN2017PTC116751	Sandhoshkumar Singaravelu	sandhosh.s@gmail.com	99429 58899
5	Aanandhamayaa Green Solutions	U40108OR2016PTC025314	Mala R	info@greensolutionindia.com	712225 0021



KALASALINGAM

ACADEMY OF RESEARCH AND EDUCATION

(DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A++" Grade



Products Commercialized through Start-ups

S.No	Innovation / Start-Up Name	Department	Founded by	Name of the Co-Founders	Name of the Co-Founders
1	Minniyati Pvt. Ltd	Electrical	Student	Saurabh Kumar Sharma, N Ragupathi Muthu	Solar Inverter
2	SKIM Biotech Pvt. Ltd	Biotech	Student	G Santhana Krishnan, Shwetha Selvam	Keratinase Enzyme YakaTi Yaha K Soft
3	Raj Bioelectronics And Intelligent Pvt. Ltd	Biomedical	Student	N Pothirasan, V Muneeswaran, Raja Sudharsan R	Bipolar electrosurgical generator Intelligent Home Automation Water Level Indicator
4	Ringam Biocontrol Pvt. Ltd	Biotech	Student	B Rakshana, Adhividha	PF2 act for Onions PF2 plus for Cardamom PF2 Humic for all crop plants

Enquire Now!

Accessibility

Weblink: <https://www.kalasalingam.ac.in/startup/>

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



3.	202411032277 A	Pyrolysis-Based Plastic Waste to Energy Conversion System	4/24/2024	05-10-2024	Dr. J R Jessy Michla Kalasalingam Academy of Research and Education
4.	202441042263 A	Electric Heater With Customizable Heating Area For Improved Energy Efficiency In Commercial Kitchens	5/31/2024	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	07-10-2024	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	11/28/2024	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 Students	Funded By
1	Development of novel solar based handheld composter for managing organic waste from simple residential building	Dr S. Vanitha, Dr.M.Pallikonda Rajasekaran	Ramkumar S, Arockiya John Britto J, Yuvaraj Panding M	TNSCST
2	Design and fabrication of electric earth Auger using solar Energy	Mr.T.Raj Pradeesh	Abhishek C S B Suresh Sangeeth Muhammed Fasith M	TNSCST