



# KALASALINGAM

## ACADEMY OF RESEARCH AND EDUCATION

### (DEEMED TO BE UNIVERSITY)

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



THE - Impact Rankings 2026

#### SDG 1: No Poverty



END POVERTY IN ALL ITS FORMS EVERYWHERE

#### Annual Report – 2023 to 2024

Kalasalingam Academy of Research and Education (KARE) is committed to advancing SDG 1: No Poverty through targeted community outreach, inclusive access to education, financial assistance, and sustainable livelihood programs. KARE's initiatives are designed to uplift economically marginalized groups in the surrounding rural areas while ensuring that students from low-income families receive adequate support to pursue higher education without financial burden.

#### 1. Key Initiatives and Achievements

##### Financial Support for Students from Low-Income Families

KARE ensures equitable access to higher education through a range of financial support mechanisms:

- Merit-cum-Means Scholarships
- Full/Partial Fee Waivers for Economically Disadvantaged Students
- Government Scholarships Facilitation (SC/ST/OBC/EWS schemes)
- Support for First-Generation Learners from Rural Backgrounds

#### 2 Community Development & Poverty Reduction Programs

KARE actively engages with villages surrounding the campus, focusing on poverty alleviation through structured interventions:

- Skill development training for rural youth (welding, solar installation, tailoring, digital literacy).
- Entrepreneurship development workshops in collaboration with MSME & NGOs.
- Livelihood enhancement programs for women's self-help groups (SHGs).
- Awareness sessions on government welfare schemes.

#### 3 Employment Generation Through KARE Ecosystem

KARE contributes to income generation and poverty reduction by:



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- Providing direct employment to faculty, staff, technicians, and support workers.
- Creating indirect employment via campus services, transportation, food services, and maintenance.
- Supporting student startups through KARE Technology Business Incubator (TBI).

#### 4 Research & Projects Focused on Rural Poverty

KARE encourages faculty and students to undertake research addressing poverty and rural development:

- Projects on low-cost health technologies, affordable housing, precision agriculture, and rural energy solutions.
- Collaborative research with government agencies and industries to improve socio-economic conditions.

#### 5 Support for Students Facing Personal/Financial Hardship

KARE has established structured mechanisms to assist students in crisis:

- Emergency financial aid fund
- Special concession for orphaned or single-parent students
- Counselling and welfare support through the Student Counselling Cell



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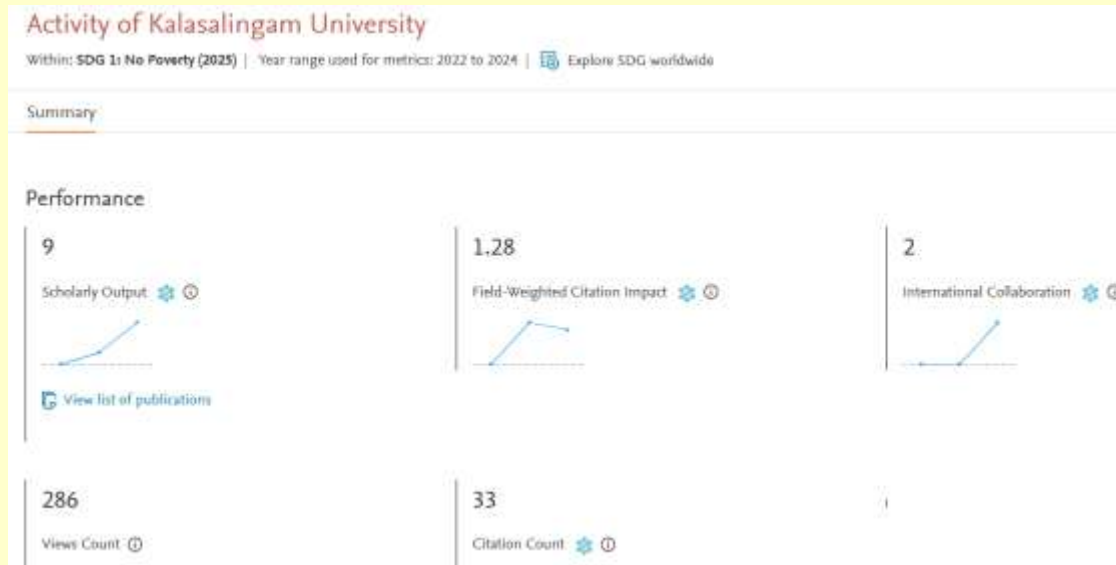
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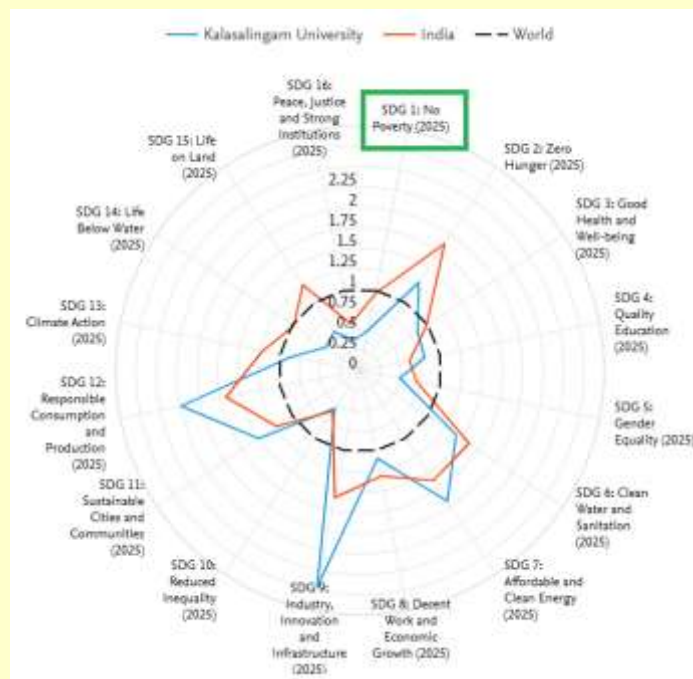


#### SDG 1: Research Metrics (SciVal)



#### Relative Activity

The Relative Activity Index is defined as the share of an Institution's Scholarly Output in a SDG relative to the worldwide share of Scholarly Output in that same SDG.





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### Anti-poverty programs

The University implements comprehensive anti-poverty programs to support economically disadvantaged students and uplift surrounding rural communities. These initiatives focus on improving access to education, enhancing employability, and strengthening social well-being. The University provides need-based scholarships, fee waivers, and emergency financial assistance to ensure that students from low-income families can pursue higher education without financial hardship.

To promote academic success, the University offers bridge courses, remedial classes, tutoring, mentoring, and summer programs for first-generation learners and students from economically weaker backgrounds. Skill development initiatives, including digital literacy training, career readiness workshops, entrepreneurship programs, and placement support, help students secure better employment opportunities.

Beyond the campus, the University conducts community outreach activities such as livelihood training, awareness programs on government welfare schemes, women empowerment workshops, and health and nutrition camps for rural populations. Faculty and students also engage in research on poverty, inequality, and sustainable development to inform policies and community development strategies.

Through these integrated efforts, the University contributes actively to reducing poverty, promoting inclusive growth, and supporting the goals of SDG 1: No Poverty.

### Scholarship

Scholarships for students in university are a vital resource for helping individuals afford higher education, especially for those facing financial barriers. These scholarships can cover a range of expenses, including tuition fees, books, accommodation, and living costs, thereby making education more accessible. Scholarships are generally awarded based on **merit**, **need**, or specific **criteria** related to a student's background, interests, or achievements.

- Merit-based scholarships are awarded based on a student's academic performance, talents, or achievements. These scholarships recognize outstanding students who have demonstrated excellence in their studies, sports, music, or other extracurricular activities.



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- Need-based scholarships are designed to assist students who come from low-income families and demonstrate financial need. These scholarships are typically awarded after an assessment of the student's financial situation.
- Many universities offer Program-Specific scholarships that are tied to a specific degree program, department, or field of study. These scholarships aim to support students who choose to pursue particular academic disciplines or professional paths.
- Sports scholarships are awarded to talented athletes who demonstrate exceptional skill in a particular sport. These scholarships may cover partial or full tuition and may also include allowances for sports-related expenses like travel or equipment.
- Diversity scholarships are designed to support students from underrepresented or marginalized groups. This may include scholarships for students from specific racial or ethnic backgrounds, gender groups, or those with disabilities.
- University offer employee-sponsored scholarships for the children or dependents of their employees or for students pursuing certain career paths relevant to the employer.
- Research scholarships or fellowships are typically awarded to graduate students (Master's or Ph.D.) who are conducting research in a specific field. These often provide stipends for living expenses in addition to funding for the student's research activities.





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KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION  
Anand Nagar: Krishnankoil 626126

No.KARE/Reg/Circular/75/2023/56 Date: 21.12.2023

**CIRCULAR**

The **National Scholarships Portal (NSP)** scholarship scheme is open to all students (both engineering and arts). The eligible students (as per the guidelines given in the below website) are advised to apply for this scholarship scheme, and they can see the website [www.scholarships.gov.in](http://www.scholarships.gov.in) for registering the same.

\*Student should select the Institution's name as "KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION (U-0458) ANAND NAGAR KRISHNANKOIL SRIVILLIPUTHUR VIRUDHUNAGAR (DT) 626126".

All the HoDs are requested to disseminate the scheme information among the students.


**The following documents should be scanned and uploaded in the website:**

01. Aadhar Card (Name of the Application, to be entered as per name given in the aadhar)
02. Domicile Certificate (Nativity)
03. Community certificate
04. Income Certificate (Valid date)
05. Scanned Copy of mark sheet of last academic qualification -  
**Fresh Applicant:** First year students: Upload 12th class mark sheet.  
Others: Upload last two semester grade sheets with 12th class mark sheet
- Renewal Applicant:** Must upload last two semester grade sheets. Pass percentage = average by last 2 semesters marks. (To convert the CGPA into percentage:  $CGPA \times 8.43 \times 0.5 \times 10 = 79.3\%$ )
06. Fee Receipt of current course year (2023-24)
07. Proof of bank account in the name of student
08. **Download Bonafide Student Certificate from the NSP portal**
09. NSP Scholarship application form with candidate signature (attach 1 passport size photo)

**Note:**

1. After uploading all the documents in the portal, the students are asked to submit the application along with copies of all the uploaded documents to Mr.S.Mahalingam, Clerk, Office of Student Affairs to enable us to forward the same from our Institution.
2. The application will not be forwarded, if the above documents (Hard copy) are not submitted.

**Last date for submitting the application form (both Fresh and Renewal) is 31.12.2023**

  
REGISTRAR

Copy submitted to the Chancellor and Vice Presidents – for kind information  
Copy to Honourable Members of the Board of Management – for kind information  
Cc: to the Vice Chancellor and the Controller of Examinations  
Cc: to All the Directors, Deans and HoDs – for circulation among students

### First generation students

Admitting first-generation students—those who are the first in their families to attend university—into higher education is a critical step toward fostering social mobility, diversity, and inclusion. These students often face unique challenges, such as navigating unfamiliar academic environments, overcoming financial barriers, and managing family expectations. However, universities that focus on admitting and supporting first-generation students create opportunities for these individuals to achieve their potential and contribute valuable perspectives to the academic community.

A holistic approach to admitting first-generation students can help ensure that these students not only have access to higher education but also have the resources and support they need to succeed.

Number of women starting a degree in 2023-2024: 1034



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Number of first-generation women starting a degree in 2023-2024: 602

- <https://kalasalingam.ac.in/internal-complaints-committee/> - Anti-Harassment Committee
- <https://kalasalingam.ac.in/anti-ragging-committee/> - Anti-Ragging Committee
- <https://kalasalingam.ac.in/anti-discrimination/> - Anti-Discrimination Committee

#### Free Education for Deprived Students

Free education for deprived students at universities is an essential initiative to ensure that higher education is accessible to all, regardless of socio-economic background. Providing free education, or at least significant financial support, for students from deprived or disadvantaged backgrounds can break the cycle of poverty, foster social mobility, and help build a more equitable society. It also ensures that students are not deterred from pursuing their academic and professional goals due to financial constraints.

The concept of free education for deprived students often involves a combination of tuition waivers, scholarships, financial aid, and living stipends to ensure that students from low-income families can attend university without the burden of debt. In some countries, this model is part of national educational policies; in others, it is implemented by individual universities, non-profits, or through targeted scholarship programs.

#### Empowering individuals and communities

Empowering individuals and communities within a university setting is crucial for fostering an inclusive, supportive, and socially responsible campus environment. Universities are not just places of academic learning, but also hubs of social engagement, leadership development, and community building. By focusing on empowerment, universities can contribute to the personal growth of their students, while also benefiting the larger community through collaboration, service, and social impact.



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Development of Women Entrepreneurs in Different Sericulture Sectors: Available Technological Strategies to Develop a Cluster - Scale Sustainable Training for Women Empowerment in and around Virudhunagar District



DSIR  
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH



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Tamil Nadu sericulture

தமிழ்நாடு பட்டு வளர்ச்சித் துறை & அறிவியல், தொழில் மற்றும் ஆராய்ச்சி துறை உதவியுடனும், கலசலிங்கம் கல்வி மற்றும் ஆராய்ச்சி நிறுவனம் இணைந்து, நடத்தும்

**பெண்களுக்கான பட்டு வளர்ப்பு வேலைவாய்ப்பு விழிப்புணர்வு முகாம்**



ஆலோசகர்  
V. ஜெயலட்சுமி,  
உதவி ஆய்வாளர்,  
தமிழ்நாடு அரசு பட்டு வளர்ச்சி துறை  
, ஸ்ரீவில்லிபுத்தூர்-626126  
ஒருங்கிணைப்பாளர்  
M. அருள் சக்தி  
கனப்பணியாளர்,  
DSIR - TDUPW, KARE.





அமைப்பாளர்கள்  
Dr.L.முத்துலட்சுமி  
PI - DSIR - TDUPW,  
Department of Biotechnology  
KARE.  
Dr.V.கண்ணன்  
COPI-DSIR-TDUPW,  
Department of Agriculture, KARE.  
Dr.R.ராம லட்சுமி  
COPI-DSIR-TDUPW,  
Department of Computer Science, KARE.

நாள் : 04.08.2023 கிராமம் : காடனேரி







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#### Training on Quality Cocoon Production and Making Cocoon Handicrafts

Kalasalingam Academy of Research and Education (KARE), in collaboration with local self-help groups, rural development departments, and community-based organizations, conducted a specialized Training Program on Quality Cocoon Production and Cocoon Handicraft Making. This initiative was designed to empower rural women, farmers, and youth by enhancing their skills in sericulture and developing value-added products from cocoons.





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#### Encouraging community engagement

Encouraging community engagement in universities is crucial for fostering a sense of social responsibility, building connections between students and the wider community, and creating opportunities for learning that extend beyond the classroom. Universities have a unique opportunity to connect academic knowledge with real-world challenges, empowering students to apply what they learn to help address societal issues.







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#### AWARNESS CAMP

Awareness Camp organized by the university for the community can be an impactful way to engage local populations, provide essential knowledge, and address key issues affecting the community. These camps can focus on a variety of topics, such as health, education, environment, legal rights, or social issues, depending on the needs of the community and the expertise available at the university. The goal is to educate, inform, and empower individuals to make informed decisions and take positive actions that improve their quality of life.

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**Women Empowerment Cell**  
Jointly Organize With  
**Kalasalingam Medical College and Hospital**  
On Account Of World Diabetes Day,  
Diabetes Awareness Program

**Access To Diabetes - Know Your Risk, Know Your Response**

**Date:** Thursday, 30<sup>th</sup> November 2023  
**Time:** 10:00 AM to 1:00 PM  
**Venue:** Ramachandrapuram-Patti and Near Villages.

**Chief Patrons**  
**Dr. K. Sridharan**  
Chancellor, KARE  
**Dr. S. Shasi Anand**  
Vice President, KARE  
**Mr. S. Arjun Kalasalingam**  
Vice President, KARE

**Patron**  
**Dr. S. Narayanan**  
Vice -Chancellor, KARE  
**Dr. V. Vasudevan**  
Registrar, KARE

**Convenor**  
**Dr. M. Kalpana**  
President-WEC, KARE

**Resource Person**  
**Dr. Susan Judith**  
Vice Principal  
Allied Health Sciences, KARE

**Coordinators**  
**Dr. L. Muthulakahmi**  
Associate Professor  
Department of Biotechnology, KARE  
**Mrs. G. Thanga Subbulakahmi**  
Professor, Nursing, KARE



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#### **Kalasalingam Medical College and Hospital:**

Kalasalingam Medical College and Hospital was established in 2021 by the pioneering Kalasalingam Anandam Ammal Charities. Located at the pristine foothills of the scenic Western Ghats. Kalasalingam Medical College and Hospital is a healthcare and medical education institution. It offers medical training and provides a range of healthcare services to the community. The hospital delivers patient care across various specialties.



Kalasalingam Medical College and Hospital

The healthcare facilities have been actively utilized by the residents of nearby villages, particularly those from disadvantaged backgrounds. These services provide essential medical care and support, helping to address health disparities and improve overall community well-being. By making healthcare more accessible, the facilities play a crucial role in promoting health equity and ensuring that vulnerable populations receive the attention and resources they need.





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#### Medical awareness camps:

University in association with Kalasalingam Medical College and Hospital (KMCH) conducted medical camps in nearby villages for the public welfare.





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#### Recognition for Social Development:

Kalasalingam Academy of Research and Education has garnered significant recognition from NGOs and trusts for its unwavering commitment to social development. These organizations have acknowledged the university's ongoing contributions to public health, rural development, education, gender equality, environmental sustainability, and other areas that promote positive societal change.





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#### Student Counselling Cell

Provides confidential counselling and emotional support to students through qualified counsellors. The Cell helps students manage stress, anxiety, and personal challenges, and organizes wellness workshops and awareness programs to promote mental well-being on campus.







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#### KARE Technology Business Incubator (TBI)

KARE has its own Innovation and Entrepreneurship Centre with about 72 startups. More than 15 Startups are sustainability related.

The Startup lists are as follows:

S. No	Startup Details
1	<p><b>Startup name:</b> Minniayal Pvt. Ltd</p> <p><b>Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):</b> Sustainable Infrastructure (SI), Environmental Change (EC)</p> <p><b>URL:</b> <a href="https://kalasalingam.ac.in/startup/">https://kalasalingam.ac.in/startup/</a></p> <p><b>Date establish:</b> 22/08/2017</p> <p><b>Income: (in USD)</b> 2 million</p> <p><b>Revenue: (in USD)</b> 3.5 million</p> <p><b>Employees:</b> 20</p> <p><b>Description:</b> Minniayal Solar Pvt. Ltd. was founded in 2020 with a mission to harness the power of the sun to provide clean, renewable energy solutions for a sustainable future. Recognizing the critical need to reduce reliance on fossil fuels and combat climate change, the company has focused on developing and deploying solar energy systems that are both efficient and affordable.</p> <p>The startup's core activities include the design, installation, and maintenance of solar photovoltaic (PV) systems for residential, commercial, and industrial applications. Minniayal Solar's flagship products are high-efficiency solar panels and integrated energy storage solutions, which allow customers to maximise energy generation and storage, thereby reducing their carbon footprint and energy costs.</p> <p>Since its establishment, Minniayal Solar Pvt. Ltd. has achieved an annual income of approximately \$2 million USD, with revenues reaching \$3.5 million USD. The company operates with a team of 40 skilled employees who are experts in solar energy technology and project management.</p> <p>Minniayal Solar has rapidly expanded its operations, serving a growing customer base both locally and internationally. The startup's innovative approach and commitment to sustainability have earned it a strong reputation in the renewable energy sector.</p>





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As the demand for clean energy continues to rise, Minniyal Solar Pvt. Ltd. is well-positioned to lead the charge in making solar power a mainstream energy source, contributing to a greener and more sustainable world.

#### Photos:



Pic 1: Solar Panel setup for house



Pic 2: Panel set up in the field



Pic 3: Solar streetlight set up in the farm

2	<p><b>Startup name:</b> HCTRONIQS</p> <p><b>Startup category in UI Green metric questionnaire (SI, EC, WS, WR, TR, ED):</b> Energy and climate change</p> <p><b>URL:</b> <a href="https://kalasalingam.ac.in/startup/">https://kalasalingam.ac.in/startup/</a></p> <p><b>Date establish:</b> 15-09-2020</p> <p><b>Income: (in USD)</b> 2 Million</p> <p><b>Revenue: (in USD)</b> 3 Million</p> <p><b>Employees:</b> 15 employees</p>
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#### *Description:*

#### *History*

HCTRONIQS is a startup that emerged in the technology sector with a focus on innovative solutions in electronics and related fields. The company was founded to leverage advancements in technology to address modern challenges and offer cutting-edge products.

#### *Aims and Scope of Work*

The primary aims of HCTRONIQS include:

- **Technological Innovation:** Developing and offering state-of-the-art electronic products and solutions.
- **Sustainability:** Integrating eco-friendly practices and energy-efficient technologies into their products and operations.
- **Market Expansion:** Scaling their technological solutions to meet diverse market needs and enhance global presence.

Their scope of work typically includes:

- **Product Development:** Designing and manufacturing advanced electronic devices and systems.
- **R&D:** Investing in research and development to advance technology and improve product offerings.
- **Consultancy:** Providing expert advice on technology integration and electronic solutions.

#### **About the Product:**

##### *HC-EMG: A Pamphlet Sized Electromyography Device for Detecting Nerve Disorders*

*The nerve disorders are estimated about 30 million people in India suffer from various forms of nerve diseases and the average prevalence rate is as high as 2,394 patients per 1,00,000 of the population. Yet, the awareness about various forms of nerve disorders is abysmally low here and people suffering from these often end up being ridiculed and stigmatised. Due to lack of awareness and understanding, nerve disorders are often subject to various taboos, which heavily impact the lives of patients, hindering the treatment and in some cases even aggravating the problem.*



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*There is a serious lack of awareness about Parkinson's disease or its management in India. Caused by progressive damage to parts of brain over many years, the disease shows symptoms of involuntary shaking of body parts of the body, slowing movement, and stiffness in muscles. People suffering from Parkinson's disease also experience depression and anxiety, have the sense of losing balance, memory, and sleep. It remains the second most common neurodegenerative disorder and most common movement disorder.*

*To sort out this problem, a product has been carried out to find a better alternative solution for nerve disorders monitoring and measurements. The costs of taking tests related to any nerve disorders is too high and it causes pain during tests due to usage of needle electrodes. All these constraints are taken into account for this product. A product has been developed for measuring the nerve disorders of human being with better accuracy, low cost, no pain during tests, can measure for 10 patients simultaneously, the results are recorded and stored in the server for further implications if needed and advice from doctors. The device is portable, uses lithium-ion battery for energy. It consumes very less energy and also the battery is rechargeable.*

*The unique and innovative features of this device are (i) patients can easily test their disorders (Neuropathy and Myopathy) with utmost accuracy and reliability without pain by using Disposable Surface electrodes made of silver chloride (AgCl) material rather than needle electrodes. (ii) The device is compact in size and can be used as portable device with the interfacing of Li-ion battery. (iii) More importantly, this device can be tested for 10 patients at a time simultaneously. (iv) Meanwhile all the test can be recorded. This recorded can be used in future for any medications required for the patient. (v) The costs of the tests will much reduce by 80% comparing to tests with clinical device and tests with our device.*

The scope of this product is focused towards the general public and Medical lab technicians for better understanding and easy to estimate the nerve disorders like neuropathy and myopathic disorders. The main objectives are (1) to test the nerve disorders easily, portable with higher accuracy (98% accurate as compared to Clinical Devices) and Higher Reliability. (2) To reduce the noise of the incoming signal using FIR filter. (3) To utilize the FPGA as controller to give the results in nano seconds, helps in predicting the results for future. (4) To tests for simultaneously for 10 patients and their results to be recorded by using the interfacing option with 512 TB HardDisk. (5) To make the device Non- Invasive way of testing (No pain during testing) of nerve disorders. (6) To make Digitized results, User friendly and Patient Friendly. (7) To make device easily controllable, low Cost and consumes less power.



**Photos:**



Figure 1. of HC-EMG

**3**

**Startup name:** Anand Techverce LLP

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):**  
 Environmental Change (EC), Education and Research (ED)

**URL:** <https://www.anandtechverce.com/>

**Date establish:** 03/04/2017

**Income: (in USD)** 1.4 million

**Revenue: (in USD)** 2.8 million

**Employees:** 40

**Description:** Anand Techverce LLP, founded in 2020, is a dynamic digital marketing company specializing in empowering businesses across various sectors through innovative branding and marketing solutions. The company leverages years of experience and expertise to drive business growth and success by strategically combining applied innovations with the intelligence of the Techverce team.

The core focus of Anand Techverce LLP is to enhance the branding and market presence of its clients. They provide a range of digital marketing services designed to achieve real and lasting business outcomes. Their approach involves utilizing advanced technologies, data-driven insights, and strategic planning to create effective marketing campaigns that resonate with target audiences and deliver measurable results.

With an annual income of approximately \$1.4 million USD and revenues of \$2.8 million USD, Anand Techverce LLP employs a team of 40 skilled professionals. These





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experts work collaboratively to develop and execute tailored marketing strategies that address the unique needs and goals of each client.

Anand Techverce LLP has built a reputation for its commitment to excellence and results-driven approach. By scaling solutions and focusing on impactful branding, the company continues to make a significant impact on its clients' businesses, helping them reach new heights and achieve sustained success in the competitive digital landscape.

#### Photos:



Pic 1: Employees of the company.



Pic 2: office Work-space



Pic 3: Focus area of the Anand Techverce LLP



Pic 4: Certificates gained by the company

4	<p><b>Startup name:</b> CYBERNEXA INFOTECH PRIVATE LIMITED</p> <p><b>Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):</b> Education and Research (ED)</p> <p><b>URL:</b> <a href="https://www.cybernexa.com/">https://www.cybernexa.com/</a></p> <p><b>Date establish:</b> 05/10/2018</p> <p><b>Income: (in USD)</b> \$800,000</p> <p><b>Revenue: (in USD)</b> \$2 million</p> <p><b>Employees:</b> 35</p>
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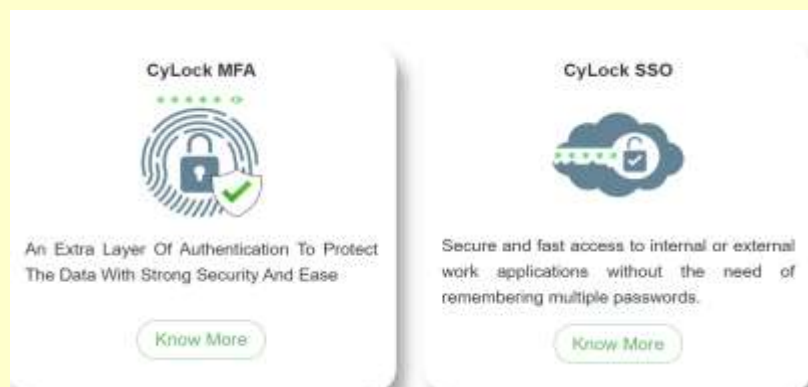


**Description:** CYBERNEXA INFOTECH PRIVATE LIMITED, established in 2018, is a cybersecurity company dedicated to protecting user identity and data through robust authentication and identity management solutions. The company's primary objective is to offer secure and seamless user access across a wide range of applications, devices, and VPNs, catering to organizations of any scale.

Leveraging its deep expertise in the security domain and extensive experience in managing large IT projects, Cybernexa continuously enhances its solution capabilities to meet the evolving demands of the modern digital landscape. The company's ongoing efforts focus on refining user experiences and expanding support for various applications, ensuring a comprehensive and secure solution for its clients.

With an annual income of \$800,000 USD and revenues reaching \$2 million USD, Cybernexa employs a team of 35 skilled professionals. The company's commitment to innovation and security excellence positions it as a leader in the cybersecurity industry, well-equipped to support the growing needs of businesses and institutions worldwide.

Photos:



Pic 1: Products of the Company



# KALASALINGAM

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	<div data-bbox="264 331 1341 787"> <div> <p><b>CyLock SSPR</b></p> <p>Password Self Service Portal designed to meet your password management needs, boost security, and improve operational efficiency.</p> </div> <div> <p><b>CyLock PKI</b></p> <p>Strong certificate-based two factor authentication for the protection of user identity and enterprise data and applications.</p> </div> </div> <p>Pic 2: Products of the company</p>
5	<p><b>Startup name:</b> JUDAH WEB SOLUTIONS PRIVATE LIMITED</p> <p><b>Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):</b> Education and Research (ED), Sustainable Infrastructure (SI)</p> <p><b>URL:</b> <a href="https://www.judahwebsolutions.in/#/home">https://www.judahwebsolutions.in/#/home</a></p> <p><b>Date establish:</b> 24/08/2017</p> <p><b>Income: (in USD)</b> \$900,000</p> <p><b>Revenue: (in USD)</b> \$2 million</p> <p><b>Employees:</b> 20</p> <p><b>Description:</b> JUDAH WEB SOLUTIONS PRIVATE LIMITED, founded in 2021, is a forward-thinking startup specializing in web-based solutions designed to support education and sustainable infrastructure projects. The company was established by a team of web developers and digital strategists with a vision to leverage technology to enhance educational access and promote sustainable practices.</p> <p>The primary focus of JUDAH WEB SOLUTIONS is on developing innovative web platforms and digital tools that cater to both educational institutions and infrastructure projects. Their key products include online learning management systems (LMS), e-learning platforms, and digital tools for project management and collaboration in infrastructure development. These solutions are aimed at improving access to education and streamlining processes related to sustainable infrastructure projects.</p>



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Since its inception, JUDAH WEB SOLUTIONS has achieved an annual income of approximately \$900,000 USD and revenues of \$2 million USD. The company operates with a team of 20 professionals, including web developers, UX/UI designers, and project managers, who work together to deliver high-quality web solutions tailored to their clients' needs.

JUDAH WEB SOLUTIONS is committed to combining technological innovation with a focus on education and sustainability. The company's solutions are increasingly utilized by educational institutions and organizations involved in infrastructure projects, helping them achieve their goals more efficiently and effectively. As the demand for digital solutions in these sectors continues to grow, JUDAH WEB SOLUTIONS is well-positioned to expand its impact and contribute to advancements in education and sustainable infrastructure

#### Photos:



Pic 1: Promotion poster of the company



Pic 2: advertising Web page of the company



Pic 3: Services offered by the company

6 **Startup name:** OPTIMUM ENERGY SOLAR SYSTEM





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**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):**  
Sustainable Infrastructure (SI), Environmental Change (EC)

**URL:** <https://www.optimumenergy.in/>

**Date establish:** 01/07/2017

**Income: (in USD)** 2.5 million

**Revenue: (in USD)** 5 million

**Employees:** 20

**Description:** OPTIMUM ENERGY SOLAR SYSTEM, founded in 2018, is a pioneering startup dedicated to advancing the use of renewable energy through the development and deployment of high-efficiency solar power systems. The company was established by a team of engineers and environmentalists with a passion for promoting clean energy solutions to combat climate change and reduce dependence on fossil fuels.

The primary focus of OPTIMUM ENERGY SOLAR SYSTEM is the design, production, and installation of solar power systems for residential, commercial, and industrial applications. The company's flagship products include advanced photovoltaic (PV) solar panels, inverters, and complete solar power solutions that are designed to maximize energy output and efficiency while minimizing installation and maintenance costs. These systems are tailored to meet the specific energy needs of customers, providing reliable and sustainable energy solutions.

Since its inception, OPTIMUM ENERGY SOLAR SYSTEM has experienced rapid growth, with an annual income of approximately USD 2.5 million and revenues of USD 5 million. The startup employs a team of 20 professionals, including solar energy engineers, project managers, and installation technicians, who work together to deliver high-quality solar solutions to clients across various sectors.

OPTIMUM ENERGY SOLAR SYSTEM has established itself as a leader in the renewable energy market, with a strong track record of successful installations and satisfied customers. The company's commitment to innovation, sustainability, and customer satisfaction has earned it a solid reputation in the industry. As the global demand for clean energy continues to rise, OPTIMUM ENERGY SOLAR SYSTEM is well-positioned to expand its market presence and contribute to the transition to a more sustainable energy future.

**Photos: Products**



	<div data-bbox="258 315 638 533" data-label="Image"> </div> <div data-bbox="347 554 675 588" data-label="Caption"> <p>Pic 1: Grid Solar Invertor</p> </div> <div data-bbox="807 315 1211 533" data-label="Image"> </div> <div data-bbox="802 554 1206 590" data-label="Caption"> <p>Pic 2: Motion Sensor LED Light</p> </div> <div data-bbox="352 823 701 1205" data-label="Image"> </div> <div data-bbox="347 1224 750 1264" data-label="Caption"> <p>Pic 3: Solar Street light system</p> </div> <div data-bbox="820 669 1234 1205" data-label="Image"> </div> <div data-bbox="824 1224 1230 1264" data-label="Caption"> <p>Pic 4: Grid Solar Power System</p> </div>
<p>7</p>	<p><b>Startup name:</b> Sai Shrine Housing Pvt Ltd</p> <p><b>Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):</b>        Sustainable Infrastructure (SI)</p> <p><b>URL:</b> <a href="https://saishrinehousing.com/">https://saishrinehousing.com/</a></p> <p><b>Date establish:</b> 7-12-2015</p> <p><b>Income: (in USD)</b> 2 million</p> <p><b>Revenue: (in USD)</b> 5 million</p> <p><b>Employees:</b> 100</p> <p><b>Description:</b> Sai Shrine Housing Pvt Ltd, established in 2015, is a prominent player in the sustainable infrastructure sector, focusing on the development of eco-friendly residential and commercial properties. The company's mission is to blend modern</p>



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architecture with sustainable practices, ensuring that their projects not only meet contemporary living standards but also contribute to environmental preservation.

The primary activities of Sai Shrine Housing include the design, development, and construction of green buildings that incorporate energy-efficient systems, sustainable materials, and innovative technologies. Their projects are designed to minimize environmental impact, reduce carbon footprints, and promote healthier living environments.

With a workforce of 100 employees, Sai Shrine Housing has completed several high-profile projects across various cities, earning a reputation for quality and sustainability. The company generates an annual revenue of USD 5 million, with an income of USD 2 million, reflecting its strong market position and commitment to sustainable development.

Sai Shrine Housing continues to expand its portfolio, focusing on integrating the latest green technologies and practices into its developments, making it a leader in the sustainable infrastructure sector.

#### Photos:



Pic 1: company front view.



Pic 2: With clients

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**Startup name:** SHRIMAN TECHNOLOGIES PRIVATE LIMITED

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):**  
Education and Research (ED)

**URL:** <https://shrimantech.com/>

**Date establish:** 20/01/2017

**Income: (in USD)** 1.5 million

**Revenue: (in USD)** 3 million





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#### Employees: 50

**Description:** SHRIMAN TECHNOLOGIES PRIVATE LIMITED, founded in 2018, specializes in providing a wide range of technology services, particularly in the education and research sectors. The company offers ERP solutions, open-source technologies, managed services, hosting, professional services, system upgrades, and implementation services.

The startup was established with the aim of delivering innovative and cost-effective technology solutions to educational institutions and research organizations. Their ERP solutions are designed to streamline administrative processes, enhance data management, and improve operational efficiency. In addition to ERP, SHRIMAN TECHNOLOGIES supports open-source platforms, offering flexibility and scalability to clients.

With a focus on managed services and hosting, the company ensures that clients' IT infrastructure is secure, reliable, and optimized for performance. Their professional services include consulting, project management, and technical support, while their implementation services ensure seamless integration of new systems.

Employing a team of 50 skilled professionals, SHRIMAN TECHNOLOGIES has established a strong market presence, generating an annual revenue of \$3 million USD with an income of \$1.5 million USD. Their commitment to delivering high-quality solutions has made them a trusted partner for institutions looking to enhance their technology capabilities.

#### Photos:



Pic 1 and 2: Office Space of the Company



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Pic 3: Services offered.

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**Startup name:** ANAND VENDORS LLP

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):** Trade and Export (TR)

**URL:** <https://anandvendors.com/about-us.html>

**Date establish:** 11/08/2017

**Income: (in USD)** 1.8 million

**Revenue: (in USD)** 3.6 million

**Employees:** 65

**Description:** ANAND VENDORS LLP is a prominent rice exporting company based in India, founded in 2016. With a strong heritage in rice manufacturing, the company has established itself as a leading supplier of high-quality rice varieties to both exporters and global markets. Specializing in South Indian rice varieties, including Ponni, Sonamasoori, and idly rice, ANAND VENDORS takes pride in delivering the rich agricultural heritage of India to the world.

The company's success is built on its commitment to quality and customer satisfaction, which has led to widespread market acceptance. ANAND VENDORS operates a state-of-the-art manufacturing plant that ensures the efficient production of top-tier rice products at competitive prices. The company is driven by a blend of traditional business expertise and modern thinking, led by a team of energetic and innovative minds. This combination allows ANAND VENDORS to produce valued products that are recognized globally.

With an annual income of approximately \$2.2 million USD and revenues of \$4.5 million USD, ANAND VENDORS LLP continues to grow and expand its market



# KALASALINGAM

## ACADEMY OF RESEARCH AND EDUCATION

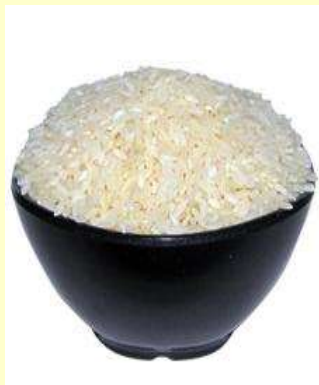
### (DEEMED TO BE UNIVERSITY)

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presence. The company employs 65 dedicated professionals who work together to uphold its high standards of quality and service in the global rice export industry

#### Photos: Products



Pic 1: White ponni, Athisaya ponni  
Sona Masoori Rice



Pic 2: Idly Rice



Pic 3:

**10 Startup name:** Bala Enterprise

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):** Energy and Climate Change (EC)

**URL:** <https://kalasalingam.ac.in/startup/>

**Date establish:** 1/11/2014

**Income: (in USD)** 2 Million

**Revenue: (in USD)** 4 Million

**Employees:** 5

#### Description:

Bala Enterprise was established on 1/11/2014 in Tamil Nadu. The startup began with a focus on providing innovative solutions in its specific industry, gradually expanding its operations and expertise over the years.

#### About the Product:

In Lithium Sulphur batteries, the anode is lithium and the cathode is Sulphur. The electrical conductivity of Sulphur is very low i.e., in the order of 10-30 S cm<sup>-1</sup>. To improve this value, graphene which has high electrical conductivity similar to metals





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is added with Sulphur. Preparation of high quality and single layer graphene is a challengeable task. Conventionally graphene is synthesized by Modified Hummers method which involves multiple steps with more harmful chemicals. Here, a low-cost preparation method is adopted to make graphene. Graphene is prepared using top-down approach by electrolysis process. Nitrogen doping of graphene is done to obtain effective exfoliation of graphene sheets. Graphene is attached with Sulphur by heating the two materials to 150° C for 3 hours. This composite is coated on a nickel foil and is used as the cathode for Li-S batteries. The anode has been fabricated using lithium cobalt oxide with the available lithium salts. To improve the performance of the anode, it is planned to make lithium foil as anode which will be purchased soon. Because, the formation of lithium polysulfides, their shuttling between the electrodes and their dissolution in the electrolyte decreases the capacity of Li-S batteries. The polypropylene membranes (Celgard 2300) are used as the separators in the device. The electrolyte was 1.0 M lithium bis(trifluoromethanesulfonyl)imide in 1,3- dioxolane (DOL) and 1,2-dimethoxyethane (DME) (1:1 by volume) with 1.0 wt% LiNO<sub>3</sub> additive. The device has been fabricated with the aqueous lithium bis(trifluoromethanesulfonyl)imide. The solvents 1,3-dioxolane (DOL) and 1,2-dimethoxyethane (DME) are enquired to purchase. The coin cells are fabricated successfully and the voltage is measured using a multimeter. To improve the performance various strategies are planned to modify graphene in the coming months. Graphene will be functionalized with carboxylic acids and nano porous graphene will be prepared by KOH activation. These kinds of strategies will enhance electrochemical performance of the device. It is also planned to increase the loading of Sulphur in the prototypes. Also, more electrochemically active metal oxide nanoparticles have been prepared which will soon be impregnated in this composite. More students from physics (Ph.D.,) and electrical (M.Tech.,) departments are working on this idea. They can also utilize this hands-on experience of making batteries to obtain their respective degrees.

**Photos:**



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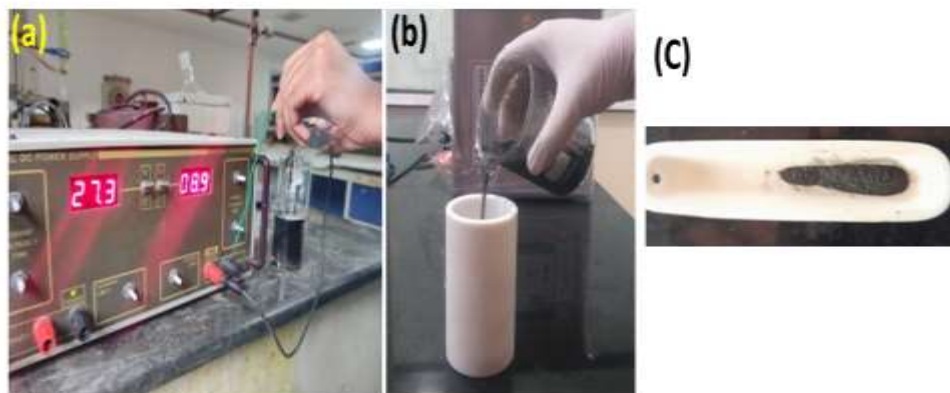


Figure 1. preparation of graphene sheet (a) conversion of raw material into graphene (b) Preparation of nitrogen-doped graphene (c) Prepared nitrogen-doped graphene sheet.

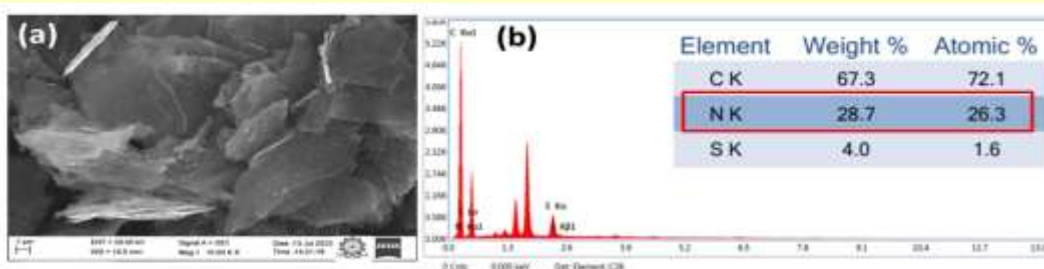


Figure 2. Characterization of prepared material (a) Nitrogen- doped graphene sheet (cathode material) has been confirmed in Scanning Electron Microscopy images (b) Elemental composition of nitrogen-doped graphene successfully prepared and confirmed in EDAX spectrum.





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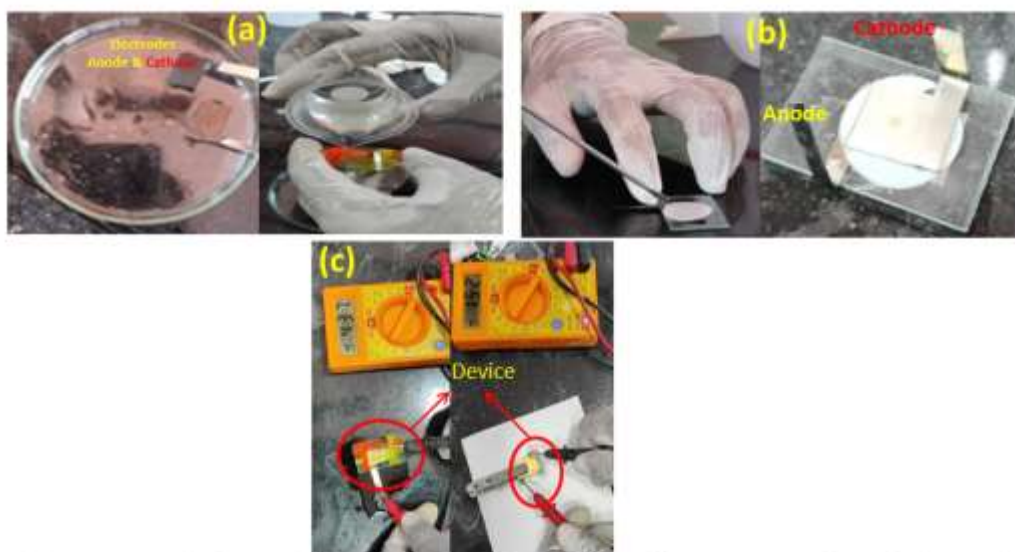


Figure 3. Analysing performance of cathode material (a) Preparation of electrodes using nitrogen-doped graphene as electrode material, (b) Fabrication of electrochemical cell and (c) Testing of fabricated device (achieved up to 4.3 V).

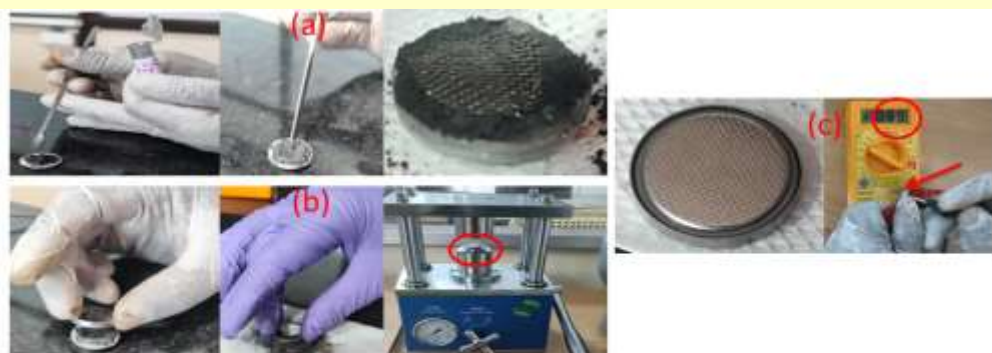


Figure 4. Making of Li-sulphur coin cell (a) Prepared N-doped graphene used as cathode material (b) Fabrication of Li-Sulphur coin cell and (c) Proto type - Coin cell successfully fabricated and Proto type coin cell testing and achieved ~ 1 V (to be increased up to 3 V).

**11 Startup name:** SKIM Biotech Pvt. Ltd.

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):**  
Environmental Change (EC), Sustainable Infrastructure (SI)

**URL:** <https://kalasalingam.ac.in/startup/>





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**Date establish:** 18/08/2017

**Income: (in USD)** 1.2 million

**Revenue: (in USD)** 2.5 million

**Employees:** 45

**Description:** SKIM Biotech Pvt. Ltd. was established in 2019 with a strong focus on leveraging biotechnology to create innovative and sustainable solutions for environmental challenges. Founded by a group of scientists and engineers with extensive experience in the biotech industry, the company is dedicated to developing products that contribute to environmental conservation and sustainable development.

The primary activity of SKIM Biotech is the research, development, and commercialization of biotechnological solutions that address issues such as waste management, pollution control, and sustainable agriculture. The company's flagship product is an advanced bioenzyme that aids in the degradation of organic waste, making waste management more efficient and environmentally friendly. This product is widely used in municipal waste treatment facilities and by agricultural industries to manage organic waste sustainably.

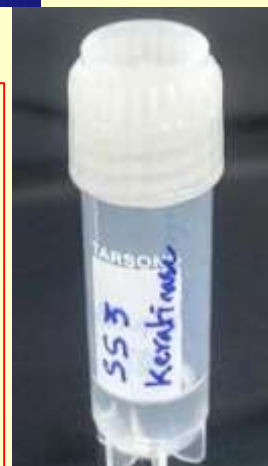
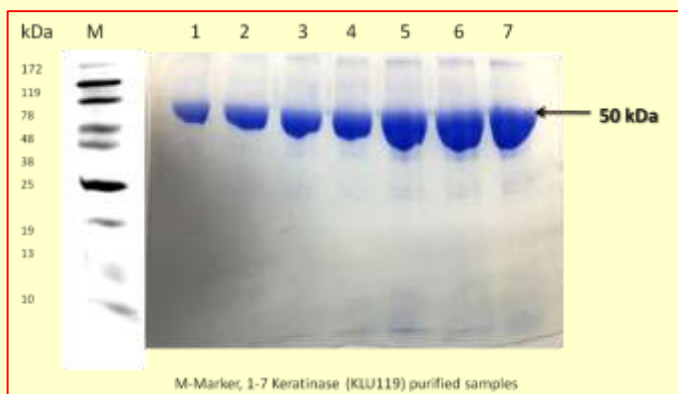
Since its founding, SKIM Biotech Pvt. Ltd. has grown steadily, achieving an annual income of approximately \$1.2 million USD, with revenues reaching \$2.5 million USD. The startup employs a dedicated team of 45 professionals, including biotechnologists, environmental engineers, and sales experts, who work collaboratively to bring the company's innovative products to market.

With a strong commitment to research and development, SKIM Biotech continues to expand its product portfolio and market presence, both locally and internationally. The startup's solutions are increasingly recognized for their effectiveness in promoting sustainability and reducing environmental impact, positioning SKIM Biotech as a leader in the green biotechnology sector.

**Photos & Products:**

**SKIM Biotech Products**

**Product-1: Keratinase enzyme**



The present investigation was to optimize the condition for extracellular keratinase purification and production and for its characterization. It is evident from results that the wild strain PK9 is a good producer of keratinase enzyme. The maximum extracellular, active alkaline serine keratinase enzyme production was achieved after 96hrs of incubation at 55°C and pH 7.5 at 120 rpm in a 0.1% feather specific medium. In addition, the extracellular enzyme was found active over a wide range of pH and relatively temperature stable up to 55°C. These results show for the forthcoming years or future. The extracellular enzyme may be useful in industrial and biotechnological applications

#### Product-2: IgY antibody purification kit

Chicken antibodies isolated from egg yolks IgY are suitable alternative to conventional antibodies from blood of experimental animals.

1. Larger amounts of IgY could be prepared rapidly from immunized laid chicken eggs.
2. Collection of eggs is a non-invasive procedure contrary to bleeding of mammals, and



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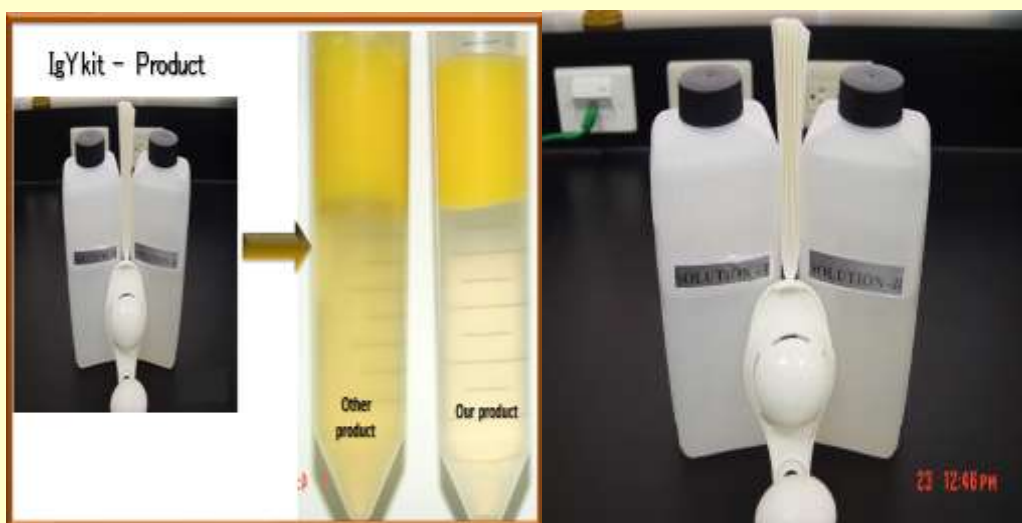
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3. a better response of chicken to mammalian antigens due to the larger evolutionary distance.

It is simple technology and yields more from egg yolks. IgY purification was rapidly from our product upto 98% .

The purification protocol was developed simple and optimized by human growth factor gene and also bacterial specific gene was analysed.



**Product-3: YAKA TEA (YaKaTt)**





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	<p><b>Products: YaKa Tt</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Normal tea</p>   <p>1kg = Rs. 1,500</p> </div> <div style="text-align: center;"> <p>Tip tea</p>   <p>1kg = Rs. 1,750</p> </div> </div>
12	<p><b>Startup name:</b> Ringarr Biocontrol Pvt. Ltd.</p> <p><b>Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):</b> Environmental Change (EC), Sustainable Infrastructure (SI), Waste Management (WS)</p> <p><b>URL:</b> <a href="https://kalasalingam.ac.in/startup/">https://kalasalingam.ac.in/startup/</a></p> <p><b>Date establish:</b> 31/08/2017</p> <p><b>Income: (in USD)</b> 1.8 million</p> <p><b>Revenue: (in USD)</b> 3.6 million</p> <p><b>Employees:</b> 50</p> <p><b>Description</b> Ringarr Biocontrol Pvt. Ltd. was founded in 2018 with the vision of advancing sustainable agricultural practices through the development of eco-friendly pest control solutions. The company was established by a team of agronomists and biotechnologists who recognized the need for safer, more sustainable alternatives to chemical pesticides, which often pose significant risks to the environment and human health.</p> <p>The primary focus of Ringarr Biocontrol is on the research, development, and commercialization of biological control agents that help manage agricultural pests without the use of harmful chemicals. The company's flagship products include a range of biopesticides and natural predators that target specific pests, ensuring effective pest control while maintaining the ecological balance. These products are</p>



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designed to be used in various agricultural settings, from small organic farms to large-scale commercial operations.

Since its inception, Ringarr Biocontrol Pvt. Ltd. has seen steady growth, with an annual income of approximately \$1.8 million USD and revenues of \$3.6 million USD. The startup employs a team of 50 professionals, including researchers, product developers, and field experts, who work closely with farmers and agricultural stakeholders to ensure the successful implementation of biocontrol strategies.

Ringarr Biocontrol has expanded its market reach, serving customers both domestically and nationally. The company's commitment to sustainability and innovation has earned it a strong reputation in the agricultural sector, particularly among those seeking environmentally responsible solutions to pest management. As the global demand for sustainable agricultural practices continues to rise, Ringarr Biocontrol Pvt. Ltd. is well-positioned to lead the way in promoting safer and more sustainable farming practices worldwide.

#### Photos & Products:

##### Product-1: Biocontrol for onion plants

Plant diseases caused 13 - 20 % lose in crop production worldwide. Control of plant disease by chemical can be spectacular but the accumulation of harmful chemical residue sometimes causes serious ecological problems. Biocontrol agents are economical; suppress the inoculum load of the target pathogen, long lasting and free from residual side effect. Fungi in the genus *Trichoderma* and Bacteria in the genera of *Pseudomonas* are increasing interest as bio protectants against onion plant diseases. In fact the end of program will introduce new strains into farmer as also training of bio control agent of mutant *Pseudomonas* and *Trichoderma*. Plant diseases need to be controlled to maintain the quality and abundance of food, feed, and fibre produced by growers around the world. Different approaches may be used to prevent, mitigate or control plant diseases. Beyond good agronomic and horticultural practices, growers often rely heavily on chemical fertilizers and pesticides.

*Pseudomonas fluorescence* bacteria have a strong oxidizing power that helps them break down environmental pollutants and provide useful enzymes and oxygen for plant growth. This bacterium enters the plant system to act as a systemic bio control agent against diseases.



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#### Advantages:

- It improves soil quality.
- The mutants survival in all environmental conditions not pathogen (tested)
- It should not be mixed with antibacterial agents and inorganic fertilizers.
- It effectively protects the plant from wilt, root rot, soft rot, blight and damping off effect.
- It also controls the **rice blast and sheath blight of paddy.**

**Trichoderma Viride** is the potential antagonistic fungus which prevents the diseases viz. Root rots, wilts, brown rot, damping off, charcoal rot and other soil born diseases in crops. Trichoderma is able to suppress more than 60 species of pathogens (*Pythium*, *Botritis*, *Phoma*, *Sclerotinia*, *Fusarium*, *Ascochyta*, *Alternaria* and others) on different plants (cucumbers, tomatoes, cabbages, peppers, various ornamentals, cereals and grain legume crops).



#### Product : pf2m2 treating Bio-control and Bio-pest of Cardamom plantation

pf2 uses of biocontrol agent for efficacy of Cardamom plant diseases.

The application of mutant pf2m2 strain both in drip and foliar spray was high effective and bioactive compounds for growth inhibition of the three major different pathogenic fungi *Pencillium sp*, *Nigrospora oryzae* (Berk. & Br.) Petch, and *Gonatobotrys* in the cardamom plantation.

We prepare simplex form of our product 2 in 1 purpose for drip and foliar application.





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**Solid**

Products: Biocontrol **pf2**



1kg = Rs. 250

1kg = Rs. 300

Liquid Drip irrigation  
formula



Foliar application  
formula



Each 5 liter sample diluted and recommended to 25,000 liter of waters

After application of **pf2m2** product on cardamom plantation. (a) Healthy plants, (a-d) High yield cardamom fruits without infection.



**13** Startup name: Thaaniyal Pvt. Ltd.

Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): Sustainable Infrastructure (SI), Environmental Change (EC)

URL: <https://kalasalingam.ac.in/startup/>



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**Date establish:** 27/12/2018

**Income: (in USD)** 1.5 million

**Revenue: (in USD)** 3 million

**Employees:** 30

**Description:** Thaaniyal Pvt. Ltd., established in 2018, is a cutting-edge startup specialising in developing and producing solar panel automatic cleaning devices. The company was founded by engineers and renewable energy experts who identified a critical need for efficient and automated solutions to maintain solar panels, ensuring optimal energy generation and reducing maintenance costs.

The primary product of Thaaniyal Pvt. Ltd. is an advanced automatic cleaning system designed specifically for solar panels. This device ensures that solar panels remain clean and free from dust, debris, and other contaminants, which can significantly reduce their efficiency. By automating the cleaning process, Thaaniyal's solution helps solar energy operators maximize energy output and extend the lifespan of their installations, all while minimizing water usage and labor costs.

Since its inception, Thaaniyal Pvt. Ltd. has grown rapidly, achieving an annual income of approximately \$1.5 million USD and revenues of \$3 million USD. The startup employs a team of 30 professionals, including mechanical engineers, product designers, and renewable energy specialists, who work together to develop and refine their innovative cleaning technology.

Thaaniyal's automatic cleaning devices have been well-received in the renewable energy market, particularly among large-scale solar power operators looking to enhance the efficiency and sustainability of their operations. With its focus on innovation, quality, and environmental stewardship, Thaaniyal Pvt. Ltd. is positioned to become a leader in the solar energy maintenance industry, contributing to the global shift towards clean and renewable energy sources.

#### **About the Product:**

The collection of dust in solar panel is a regular problem which ultimately reduces the efficiency of the panel. In the past, this has usually been done by wiping the panels manually. This operation produced a great deal of dust that is rather objectionable both from the standpoint of health and cleanliness. The intension of our project is to design and develop a low cost Smart Cleaner for Solar panels. We selected this technique by taking into consideration some comfort while cleaning the Solar panel. This project works on combined principles of mechanical and electronics. This project is implemented to make human work easier and can reduce the use of human power because of its potential applications. The product Design and development of Smart



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Cleaner for Solar panels can clean the Panel automatically with sliding type wipe mechanism, reducing the time consumed in manual cleaning. This appertains to new and useful improvements and more particularly to an apparatus whereby panels can be cleaned easily and conveniently.

**Photos:**



Pic 1: Product mechanical set up trial testing

**14 Startup name:** Compimero Makers Pvt.Ltd

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):**  
Environmental Change (EC), Sustainable Infrastructure (SI), Waste Management (WS)

**URL:** <https://kalasalingam.ac.in/startup/>

**Date establish:** 27/12/2018

**Income: (in USD) 2 million**

**Revenue: (in USD) 4 million**

**Employees: 40**

**Description:** Compimero Makers Pvt. Ltd., established in 2018, is a dynamic startup focused on advancing sustainable manufacturing and construction practices. Founded by a team of engineers and sustainability experts, the company was created to address the growing demand for eco-friendly construction materials and innovative manufacturing solutions that reduce environmental impact.





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The primary focus of Compimero Makers is the development and production of sustainable construction materials, such as eco-friendly composites and recycled materials, that meet the demands of modern construction while minimizing the carbon footprint. The company's flagship products include high-performance composite materials made from recycled plastics and natural fibers, which are used in building and infrastructure projects. These materials are designed to be durable, cost-effective, and environmentally responsible.

Since its inception, Compimero Makers Pvt. Ltd. has experienced significant growth, achieving an annual income of approximately USD 2 million and revenues of USD 4 million. The startup employs a team of 40 professionals, including material scientists, engineers, and sustainability consultants, who work together to develop innovative products and solutions that align with global sustainability goals.

Compimero Makers has successfully positioned itself as a leader in the sustainable construction materials industry, with its products being utilized in a range of projects, from residential housing to large-scale infrastructure developments. The company's commitment to innovation, quality, and sustainability has earned it a strong reputation in the industry, and as the demand for green construction solutions continues to grow, Compimero Makers Pvt. Ltd. is poised to expand its market reach and influence.

#### Photos:



ECO friendly Manufacturing of Tiles from used PET Bottles





15	<p><b>Startup name:</b> Livvotla Healthcare Innovation Pvt Ltd</p> <p><b>Startup category in UI Green metric questionnaire (SI, EC, WS, WR, TR, ED):</b> Education and Research (ED)</p> <p><b>URL:</b> <a href="https://www.livvolta.com/">https://www.livvolta.com/</a></p> <p><b>Date establish:</b> 25.05.2017</p> <p><b>Income: (in USD)</b> 3 Million</p> <p><b>Revenue: (in USD)</b> 4 Million</p> <p><b>Employees:</b> 8</p> <p><i>Description: History</i></p> <p>Livvotla Healthcare Innovation Pvt Ltd is a startup that emerged with a focus on advancing healthcare through innovative solutions. The company was founded with the goal of addressing gaps in healthcare delivery and improving patient outcomes through cutting-edge technology and research.</p> <p><i>Aims and Scope of Work</i></p> <p>The primary aims of Livvotla Healthcare Innovation include:</p> <ul style="list-style-type: none"><li>● <b>Innovative Healthcare Solutions:</b> Developing and implementing novel technologies and solutions to enhance healthcare services.</li><li>● <b>Research and Development:</b> Conducting research to advance medical technology and improve healthcare practices.</li><li>● <b>Patient-Centric Approach:</b> Focusing on improving patient care and outcomes through innovative healthcare products and services.</li></ul> <p>Their scope of work typically involves:</p> <ul style="list-style-type: none"><li>● <b>Product Development:</b> Creating new medical devices, software, or health management systems.</li><li>● <b>Healthcare Research:</b> Engaging in research projects to develop new treatments or improve existing healthcare practices.</li><li>● <b>Consultancy and Support:</b> Providing expertise and support in implementing new healthcare technologies and systems.</li></ul> <p><i>Primary Product/Activity</i></p>
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The primary activities of Livvotla Healthcare Innovation include:

- **Healthcare Technology:** Developing and providing innovative healthcare technologies and solutions.
- **Medical Devices:** Designing and manufacturing advanced medical devices.
- **Health Management Solutions:** Offering software and systems to improve healthcare management and patient care.

**Photos:**



DermaEye -Non-Invasive Skin Cancer Diagnosis

**16 Startup name: Aanadhamayaa Green Solutions**

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): TR**

**URL:** <https://www.aanandhamayaa.in/products/>

**Date establish:** 27.01.2022

**Income: (in USD) 2 million**

**Revenue: (in USD) 0.5 million**

**Employees: 5**

**Description:** Aanadhamayaa Green Solutions is an organization focused on promoting sustainable and eco-friendly practices. Their mission is to create a greener and more sustainable environment by offering solutions that reduce environmental impact and promote the use of renewable resources. The company might be involved in various activities such as waste management, recycling, renewable energy projects, sustainable farming, or green building practices.

The name "Aanadhamayaa" suggests a connection to well-being and happiness, potentially indicating that the company's approach integrates both environmental



sustainability and human well-being. They may also focus on community engagement, education, and advocacy for greener lifestyles and practices.

**Photos:**



Pic1 : Aanadhamayaa Green Products

**17 Startup name: BRAND MINDZ GLOBAL TECHNOLOGY PVT LTD**  
**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): TR**  
**URL:** <https://www.brandmindz.com/>

**Date establish:** 10.08.2023

**Income: (in USD) 3 million**

**Revenue: (in USD) 2 million**

**Employees:** 10

**Description:** Brand Mindz Global Technology Pvt Ltd is likely a company specializing in providing innovative technology solutions with a strong focus on brand development and digital transformation. The name suggests a combination of expertise in branding ("Brand Mindz") and advanced technological services, which could indicate that the company operates at the intersection of marketing, technology, and business strategy.

- **Digital Marketing Solutions:** Offering services like SEO, social media management, content marketing, and online reputation management to help brands establish and enhance their digital presence.



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- **Brand Development:** Assisting businesses in creating and refining their brand identity, including brand strategy, logo design, and messaging to ensure consistency and impact.
- **Technology Consulting:** Providing tech-driven solutions such as website development, app development, software solutions, and IT consulting to support the digital needs of businesses.
- **Data Analytics and AI:** Utilizing data-driven insights and AI technologies to help businesses make informed decisions, optimize their operations, and improve customer experiences.
- **E-commerce Solutions:** Developing and managing e-commerce platforms, offering integrated solutions for businesses to sell their products and services online.

The company might cater to a diverse range of clients, from startups to established enterprises, aiming to empower them with cutting-edge technology and strategic branding solutions to achieve growth in the competitive global market.

**18 Startup Name:** CRAZY COCONUT INDIA

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):** TR , WR

**URL:** <https://www.crazycoconut.in/>

**Date establish:** 12.04.2022

**Income: (in USD)** 2million

**Revenue: (in USD)** 1 million

**Employees:** 15

**Description:** Crazy coconut India doing Up cycled coconut shell products to save this environment In order to have a greener planet, each of us must strive to reduce our carbon footprint. We're converting discarded coconut shells and turning them into usable products. Reclaiming these shells helps lessen coconut waste and reduces the amount of trash sent to landfills and incinerators. As a result, our coconut products help diminish the toxic greenhouse gas emissions that bring about climate change.

**Photos:**





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19 **Startup name: NELLAI SPECIALZ**

**Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):** TR

**URL:** <https://nellaispecialz.com/>

**Date establish:** 10.04.2023

**Income: (in USD)** 2 million

**Revenue: (in USD)** 3.5 million

**Employees:** 50


**Description:** **NELLAI SPECIALZ** likely refers to a brand, business, or product line that specializes in offerings from the Tirunelveli region, often referred to as "Nellai," in Tamil Nadu, India. The name suggests a focus on unique or traditional products, foods, or crafts that are special to this area.

The business might be known for producing or selling items such as:

- **Traditional Foods:** Authentic sweets like "Tirunelveli Halwa," a famous dessert from the region, or other regional delicacies.
- **Handicrafts:** Artisanal products or handicrafts that are native to Tirunelveli, possibly highlighting local craftsmanship.
- **Cultural Products:** Items that celebrate the culture and heritage of Tirunelveli, such as textiles, spices, or other locally sourced goods.

NELLAI SPECIALZ could cater to both local customers and those outside the region who seek authentic products from Tirunelveli, emphasizing quality, tradition, and regional pride.



	<p><b>Photos:</b></p>  <p>Pic: Nellai Specialz trading products</p>
20	<p><b>Startup name:</b> TERSBYTE TECHNOLOGIES LLP</p> <p><b>Startup category in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED):</b> ED</p> <p><b>URL:</b> <a href="https://www.tersbyte.com/">https://www.tersbyte.com/</a></p> <p><b>Date establish:</b> 28.07.2021</p> <p><b>Income: (in USD)</b> 2 million</p> <p><b>Revenue: (in USD)</b> 3.5 million</p> <p><b>Employees:</b> 35</p> <p><b>Description:</b> Tersbyte passionate about using cutting-edge technology to create innovative solutions that solve complex problems. Team of experts is dedicated to developing software and hardware products that meet the highest quality, reliability, and usability standards. We also focus on making more straightforward solutions that are scalable, efficient and widely accessible. We believe technology should improve people's lives and strive to achieve this goal in everything we do. Whether developing a new app, designing a hardware product, or providing consulting services, we always focus on delivering value to our customers.</p> <p><b>Photos:</b></p>



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ManGoVR Learning Lab-The next-Generation Learning Platform



Techno-Teachers-Empowering 21st Generation Educators